

VALVES GUIDES 2018/2019



AutoVentil

Užice - Serbia
Since 1957



Preduzeće „AUTOVENTIL A.D.“ se nalazi u Užicu, 190km jugozapadno od Beograda, Srbija. Počelo je sa radom 1957. godine i do danas steklo brojne domaće i strane partnere.

Proizvodni program: Ventili i vodice za sve tipove motora sa unutrašnjim sagorevanjem: putnička i teretna vozila, traktore i poljoprivredne mašine, plovne objekte, šinska vozila, građevinsku i rudarsku mehanizaciju.

Osim mogućnosti da proizvodi velike serije uključujući najzahtevnije izvedbe praćene kompleksnim procesima, kompanija takođe ima mogućnost da proizvodi male serije, zahvaljujući fleksibilnoj opremi. Svi proizvodi su praćeni odgovarajućom originalnom tehničkom dokumentacijom. Osim ventila i vodica, kompanija Autoventil proizvodi i pastu za šlajfovanje ventila izrađenu na uljnoj bazi.

Zahvaljujući visokokvalitetnim proizvodima i izvoznoj politici, naše ventile su koristili, a i danas ih koriste neki od najpoznatijih svetskih brendova: GM-OPEL, ŠKODA, BRIGGS-STRATON USA, LEYLAND, TATRA, DEUTZ, itd., kao i svi proizvođači motora sa područja bivše Jugoslavije.



Autoventil a.d. wurde 1957 gegründet und hat ihren Sitz in Uzice, 190km südwestlich von Belgrad in Serbien. Seitdem hat die Firma einen großen Bestand von sowohl nationalen als auch internationalen Kunden und Geschäftspartnern aufgebaut.

Produktionsübersicht: Ventile und Ventileführungen für den verschiedensten Verbrennungsmotoren: PKW, LKW, Traktoren, Schiffe und Lokomotive, aber auch Hochleistungsmotoren, die im Hoch-/ Tiefbau und Bergbau eingesetzt werden.

Darüber hinaus haben wir nicht nur die Möglichkeit hohe Stückzahlen mit komplizierten Geometrien zu fertigen, sondern auch kleine Stückzahlen nach Kundenwunsch. Alle Teile werden nach den entsprechenden OEM Vorgaben hergestellt. Autoventil produziert neben Ventile und Ventileführungen auch Öl basierte Ventilschleifpaste.

Viele renommierten Motorenhersteller schätzen unsere hohe Qualitätsanforderungen und Exportphilosophie. Deswegen werden unsere Ventile bei Kunden wie GM-OPEL, ŠKODA, BRIGGS-STRATON USA, LEYLAND, TATRA, DEUTZ, etc. und bei jedem Motorenhersteller aus dem ehemaligen Jugoslawien eingesetzt.

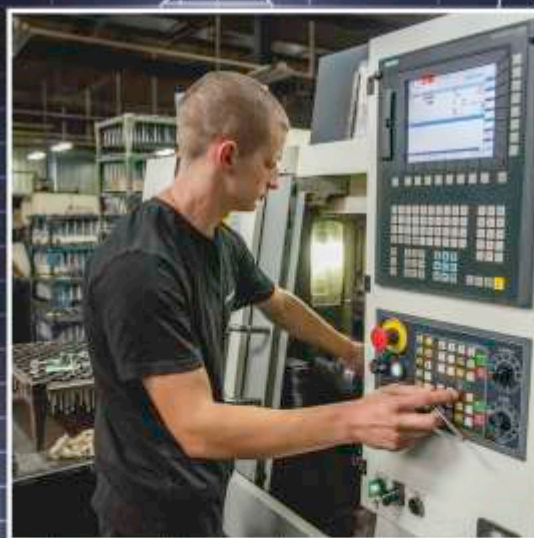
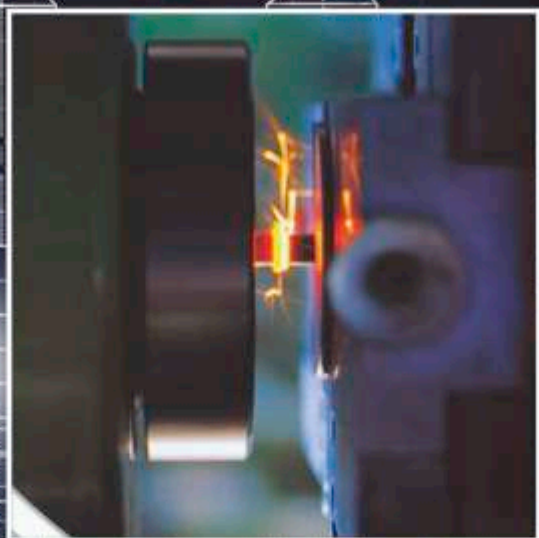
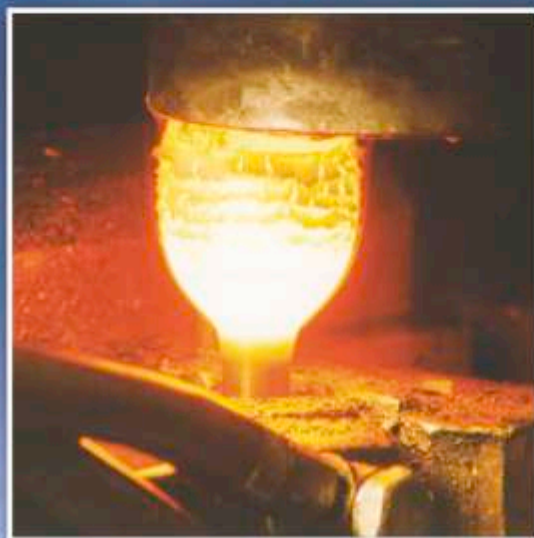
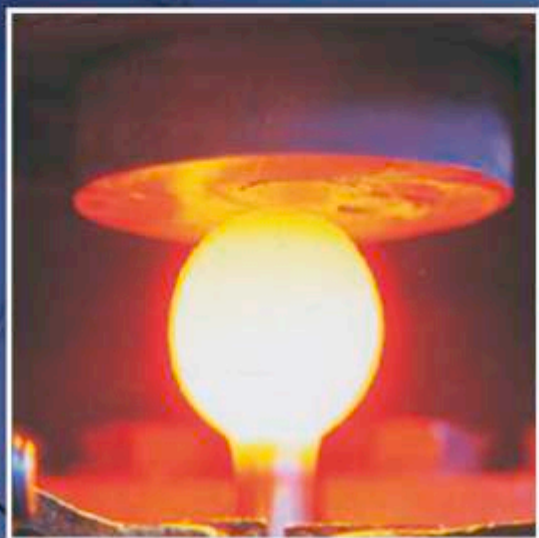


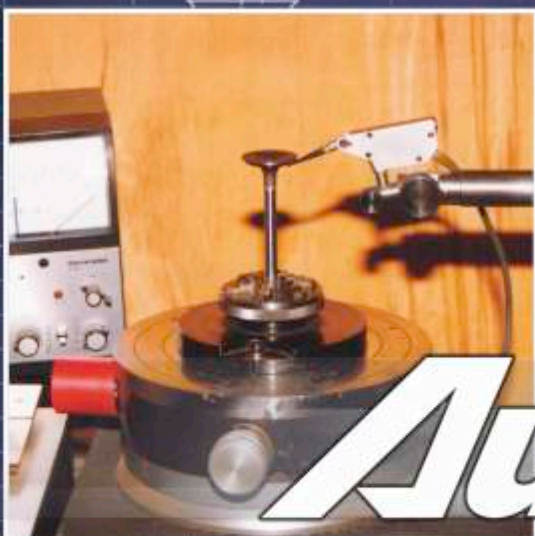
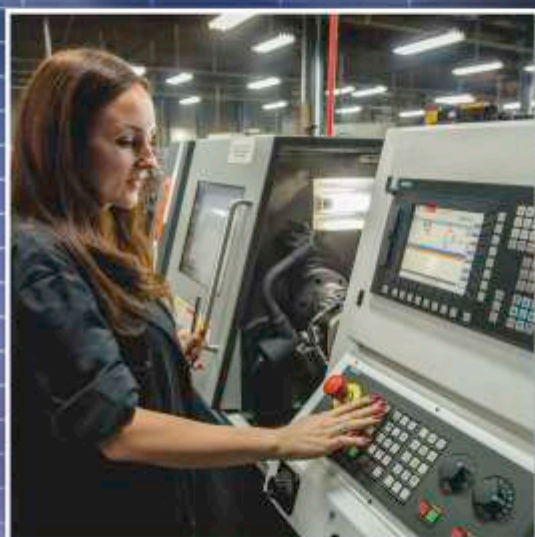
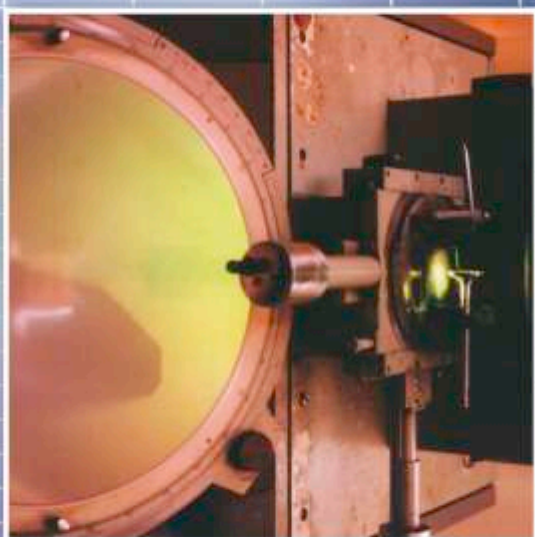
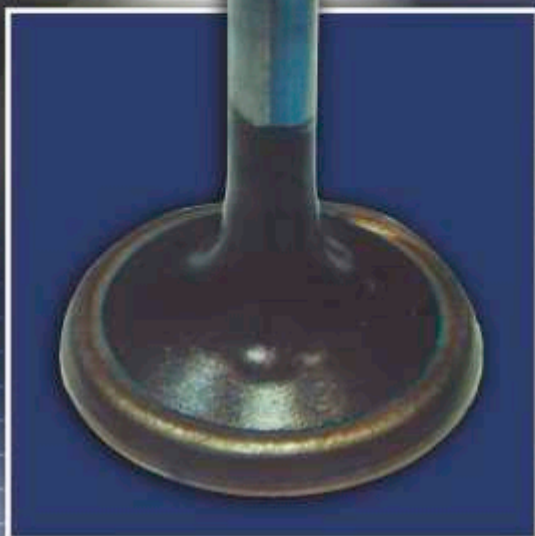
Autoventil a.d. company, founded in 1957, is located in the town of Uzice, 190km southwest from Belgrade, Republic of Serbia. It has gained numerous domestic and foreign customers and business partners since then.

Production program: Valves and valve guides for all types of engines with internal combustion: passenger cars, freight trucks, tractors, vessels and railway, as well as heavy-duty vehicles engaged in civil engineering and mining industry.

Apart from possibility of producing large series and most demanding designs followed by complex processes, the company has ability to produce smaller series, as well. All the products are manufactured according to the corresponding OEM specifications. Besides valves and valve guides, Autoventil company also produces oil-based valve grinding paste.

Thanks to the high quality products and export policy, our valves have been widely used by renowned engine producers: GM-OPEL, ŠKODA, BRIGGS-STRATON USA, LEYLAND, TATRA, DEUTZ, etc., as well as every engine manufacturer from the territory of former Yugoslavia.



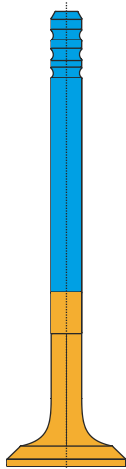


AutoVentil

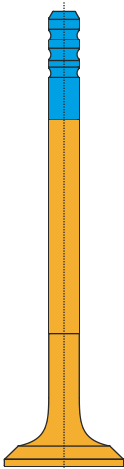
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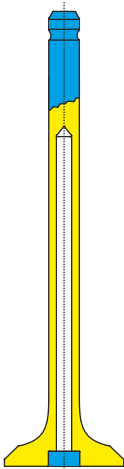
TEHNOLOŠKE MOGUĆNOSTI
TECHNOLOGISCHE MÖGLICHKEITEN
TECHNOLOGICAL FEATURES



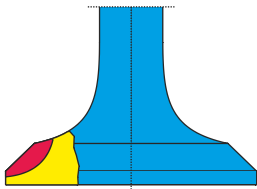
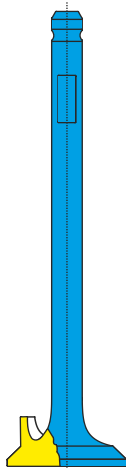
BIMETALNI VENTIL
BIMETALL-VENTILE
BIMETALLIC VALVES



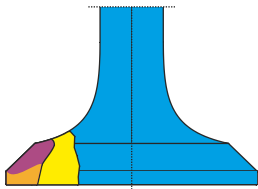
VENTIL BUŠEN I PUNJEN
NATRIJUMOM
NATRIUMGEFÜLLTES VENTIL
NATRIUM-FILLED VALVE



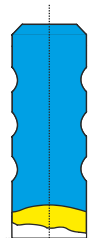
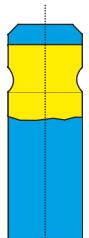
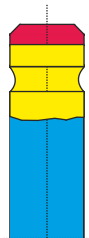
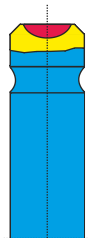
VENTIL SA
DEFLEKTOROM
VENTIL MIT DEFLEKTOR
DEFLECTOR-EQUIPPED VALVE



STELITIRANO SEDIŠTE
GEPANZERTER VENTILSITZ
REINFORCED SEAT

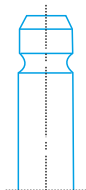


INDUKTIVNO KALJENO
SEDIŠTE
INDUKTIV GEHÄRTETER VENTILSITZ
INDUCTION QUENCH-HARDENED SEAT

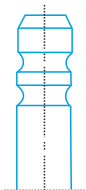


OJAČANJE VRHA VENTILA
PANZERUNG DER VENTILSTIRN
VALVE-TIP REINFORCEMENT

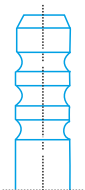
OBLICI KRAJA STABLA
VENTILSCHAFTENDE-FORMEN
VALVE END-SHAFT SHAPES



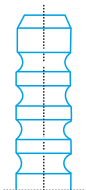
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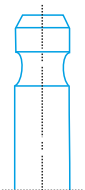
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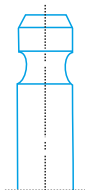
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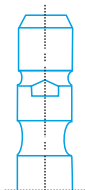
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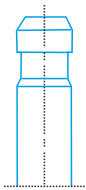
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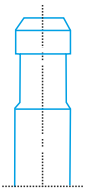
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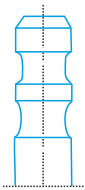
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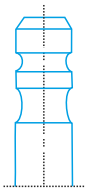
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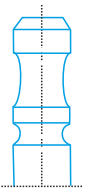
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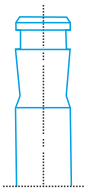
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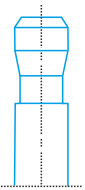
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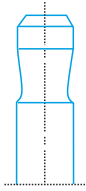
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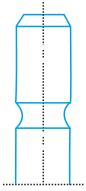
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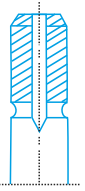
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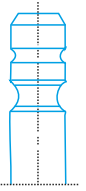
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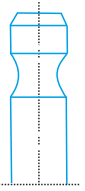
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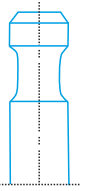
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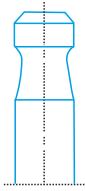
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19



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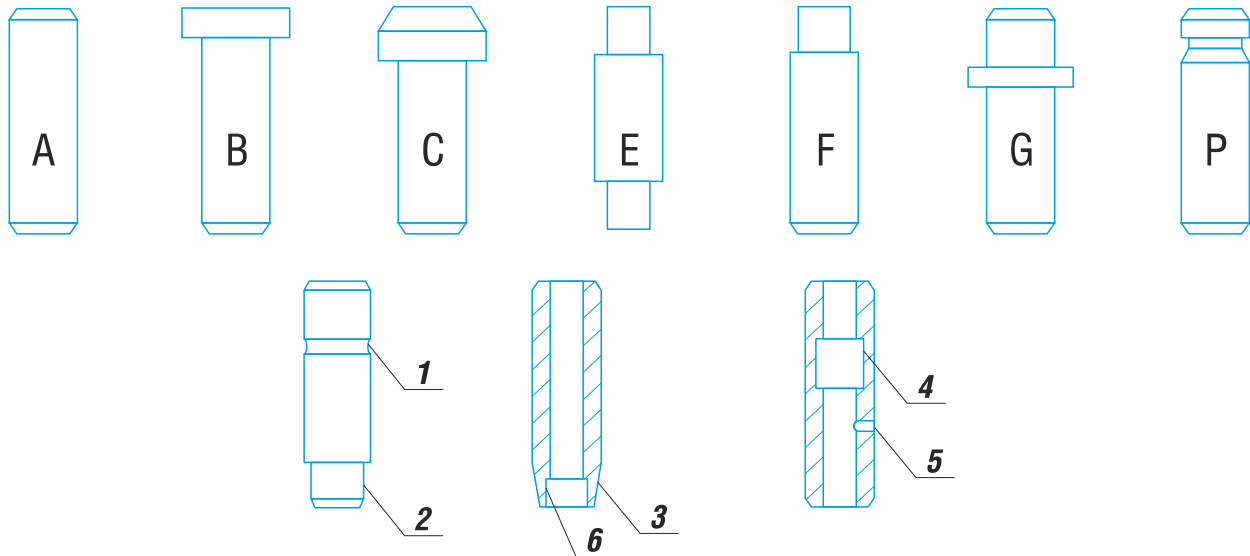


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OBLICI VOĐICA

GESTALTUNGEN DER VENTILFÜHRUNGEN

SHAPES OF GUIDES



Kako bi olakšali pretragu, oblici vođica su skicirani i označeni slovima A, B, C, itd. Sledeće karakteristike su označene brojevima od 1 do 6:

- 1 - Spoljni kanal za osigurač
- 2 - Uži kraj
- 3 - Konusni kraj

- 4 - Proširena površina unutar otvora
- 5 - Rupa za podmazivanje
- 6 - Proširenje na kraju vođice



Um die Identifikation bei Zweifelsfällen zu erleichtern, haben wir die Führungsformen schematisch dargestellt und sie einem Buchstaben zugeordnet (A, B, C usw.).

- 1 - Mit äußerer Rinne für Befestigungsring
- 2 - Abschlag
- 3 - Mit Kegelende

- 4 - Mit Übermaßbohrung im inneren Teil der Führung
- 5 - Mit Schmierungsloch in der Führungswand
- 6 - Mit innerer Nachbohrung am Ende der Führung



In order to facilitate identification, the shapes of the guides are sketched and symbolised by letters A, B, C, etc.

- 1 - Outer groove for snap ring
- 2 - Narrower end
- 3 - Conical end

- 4 - Recessed area in the bore
- 5 - Lubrication holes
- 6 - Counterbore at end of guide

G Perlitni sivi liv sa % fosfora; poseduje odličnu otpornost na habanje i trenje.

G Pearlitic grey iron with % of phosphorus; it improves the wear resistance with a high antifricition capacity.

G Grauguss mit perlitischem Gefüge und Phosphoranteil; verringerter Verschleiß und geringer Reibungswiderstand.

B Bronza sa % mangana; odlična toplotna provodljivost i otpornost na habanje. Posebno pogodan za novije generacije motora sa aluminijumskim glavama. Koristi se od strane vodećih evropskih proizvođača.

B Bronze with % of manganese; excellent thermal conductivity and wear resistance characteristics. Particularly fit for last generation of engines with aluminium heads. Alloy used by leading European manufacturers.

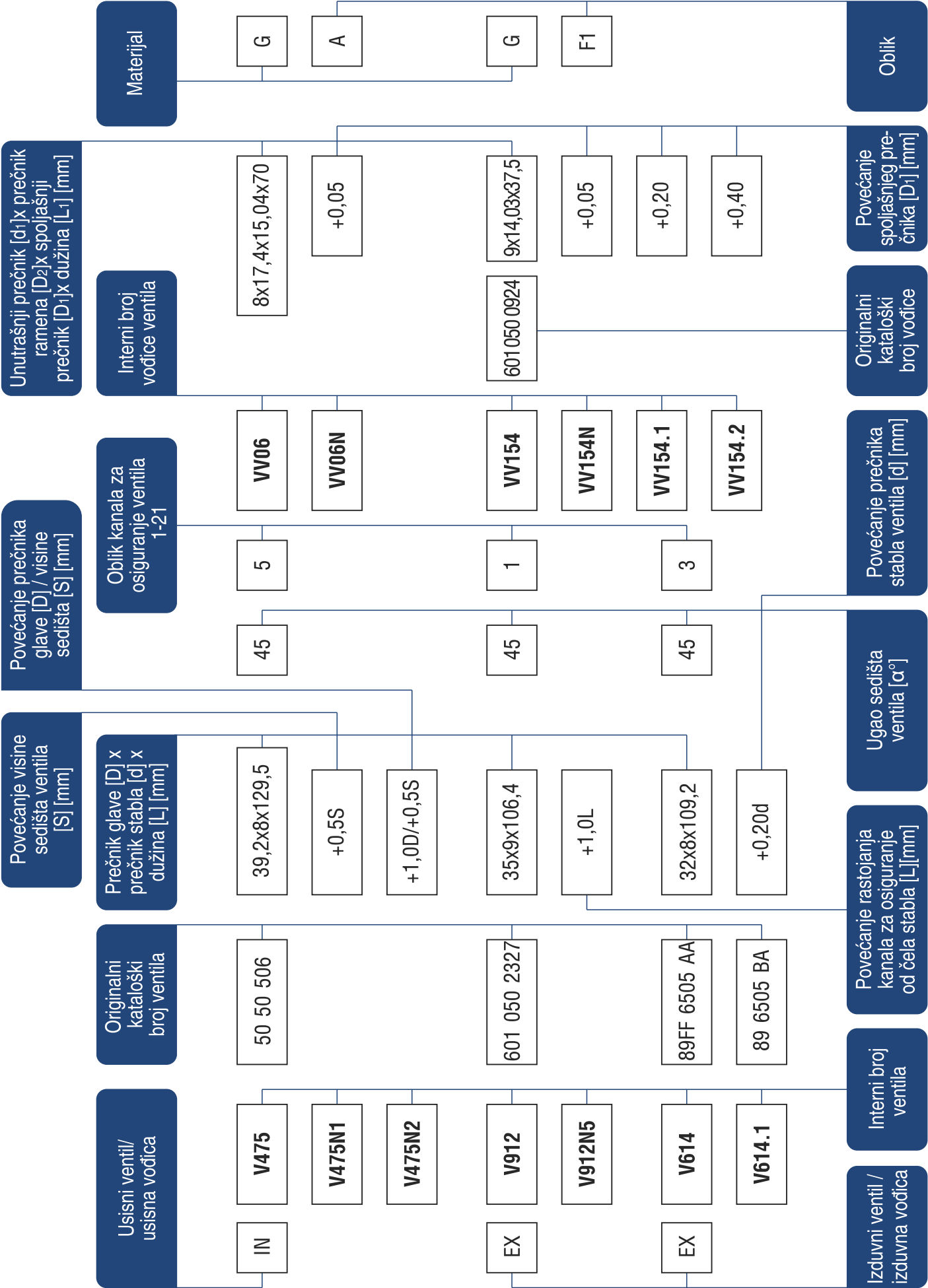
B Bronze mit Magnesiumanteil; hervorragende Wärmeleitfähig und hoher Verschleißwiderstand. Diese Metall-Legierung findet Verwendung bei führenden europäischen Herstellern. Insbesondere geeignet für die letzte Zylinderkopfgeneration aus Aluminium.

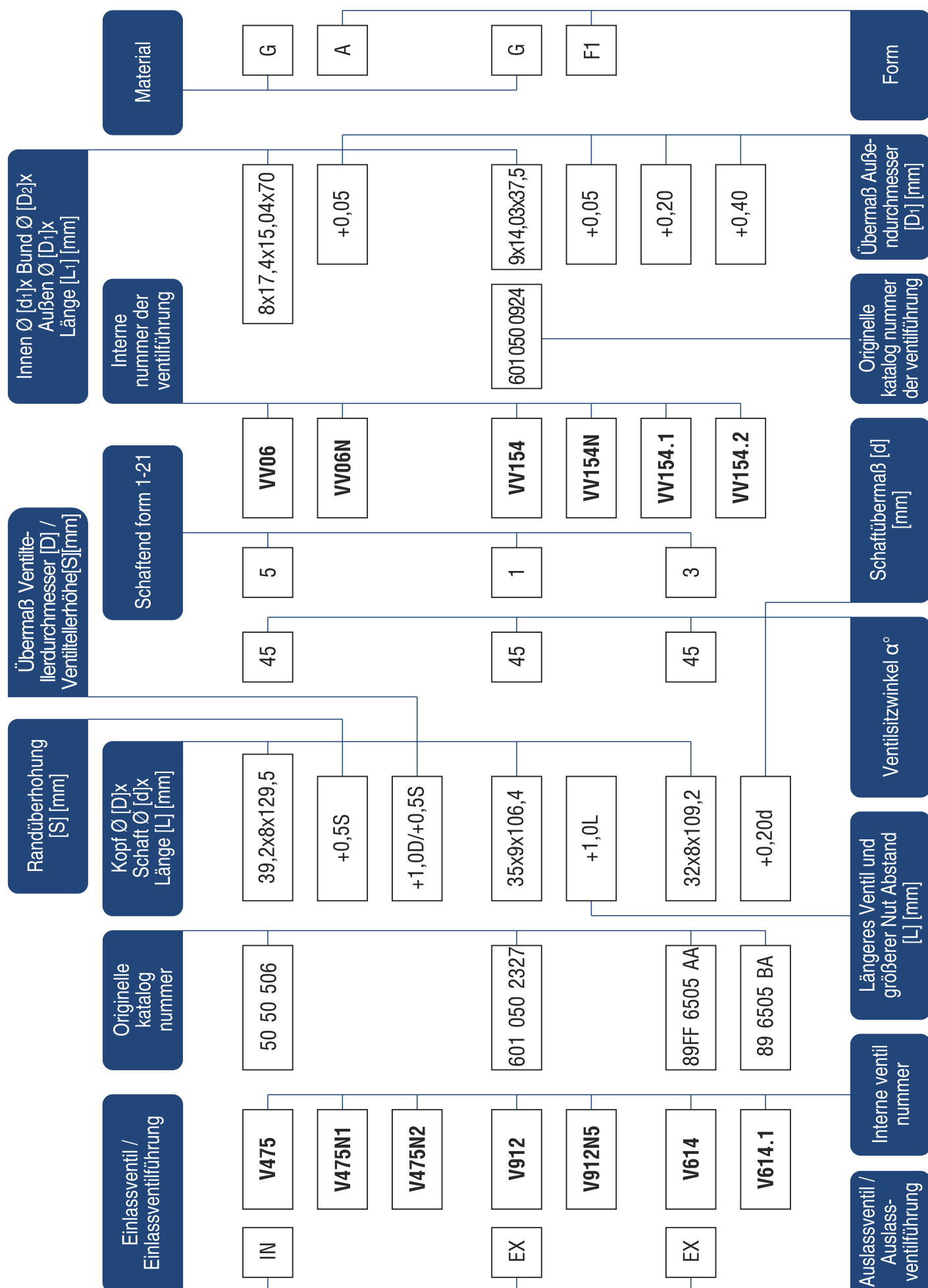
AutoVentil

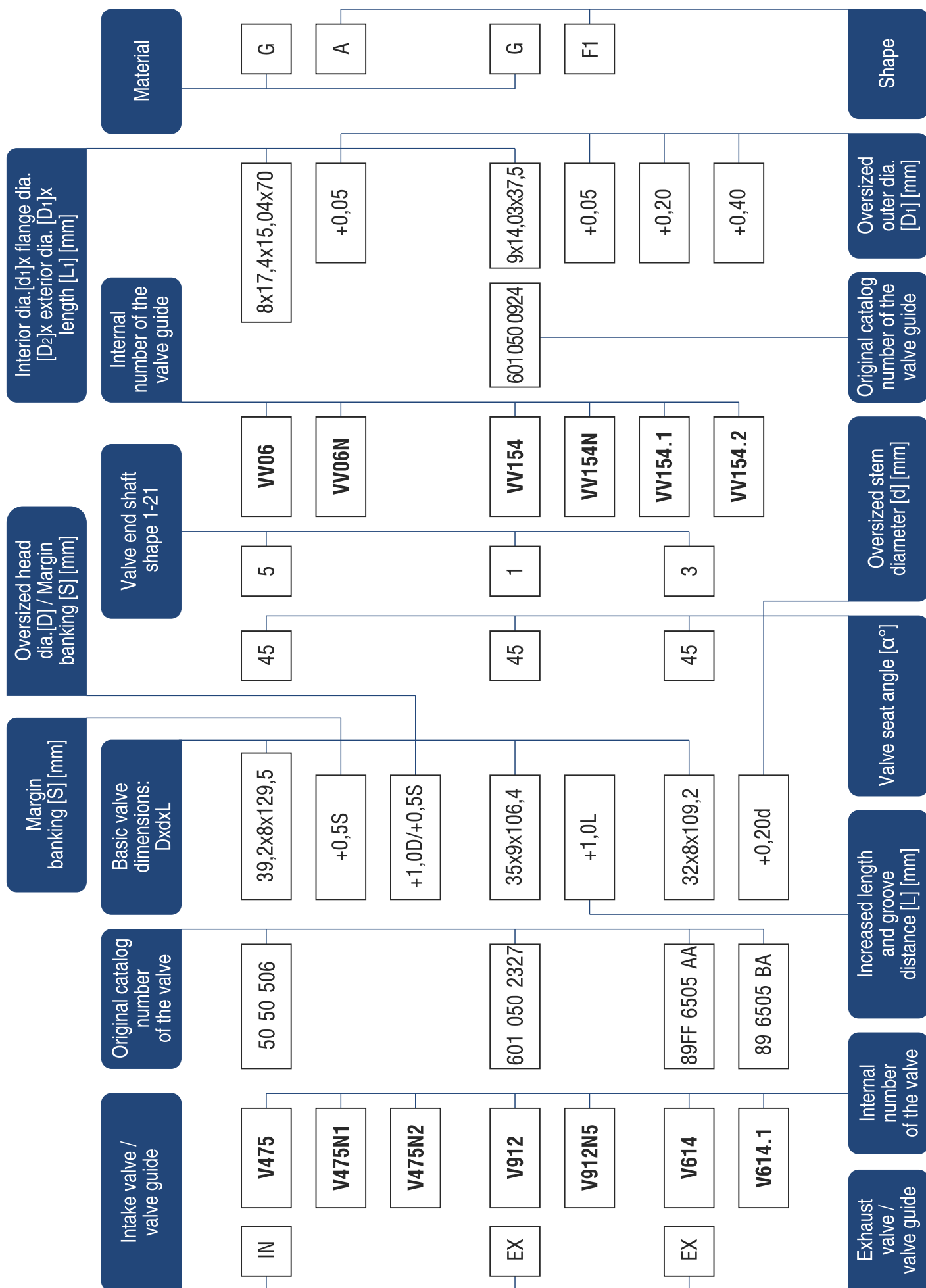


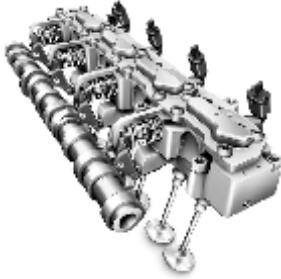
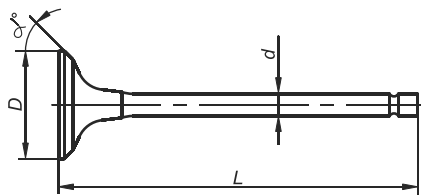
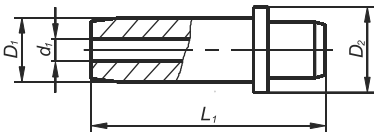
VALVES GUIDES









	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

LEGENDE:



1. PROIZVOĐAČ: MOTOR / MODEL
2. CILINDAR: PREČNIK CILINDRA, BROJ CILINDARA
3. IN-USISNI , EX-IZDUVNI
4. INTERNI BROJ VENTILA
5. ORIGINALNI KATALOŠKI BROJ
6. OSNOVNE DIMENZIJE VENTILA D x d x L
7. UGAO SEDIŠTA VENTILA : α°
8. OBLIK KRAJA STABLA 1-21
9. INTERNI BROJ VOĐICE VENTILA
10. ORIGINALNI KATALOŠKI BROJ VOĐICE VENTILA
11. OSNOVNE DIMENZIJE VOĐICE VENTILA d₁ x D₂ / D₁ x L₁
12. MATERIJAL / OBLIK

LEGENDE:

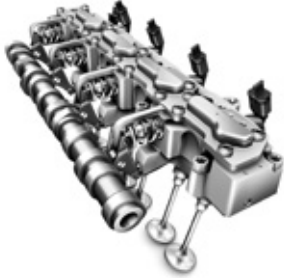
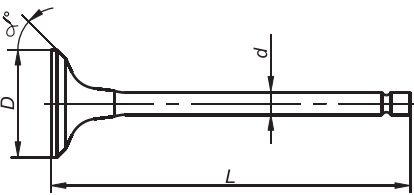
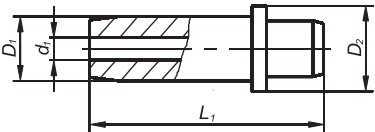


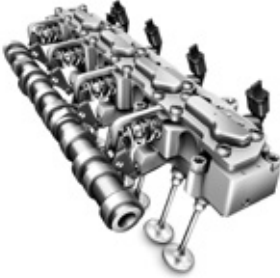
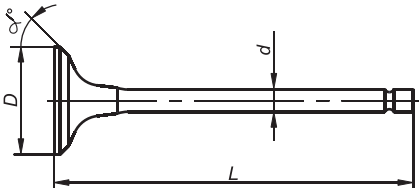
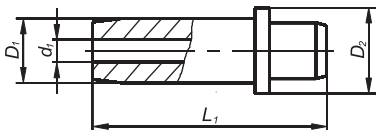
1. HERSTELLER: MOTOR / MODELL
2. ZYLINDER: ZYLINDERDURCHMESSER, ZYLINDERZAHL
3. IN-EINLASSVENTIL , EX-AUSLASSVENTIL
4. INTERNE VENTIL NUMMER
5. ORIGINELLE KATALOG NUMMER
6. GRUNDLEGENDE VENTILABMESSUNGEN D x d x L
7. VENTILSITZWINKEL : α°
8. SCHAFTEND FORM 1-21
9. INTERNE NUMMER DER VENTILFÜHRUNG
10. ORIGINELLE KATALOG NUMMER DER VENTILFÜHRUNG
11. GRUNDLEGENDE BMESUNGEN DER VENTILFÜHRUNG d₁ x D₂ / D₁ x L₁
12. MATERIAL / FORM

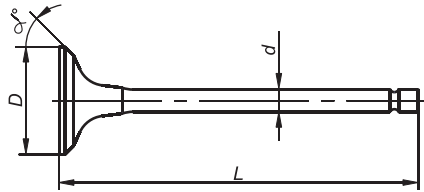
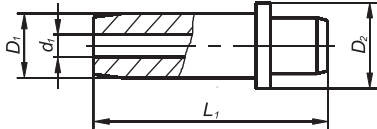
LEGENDE:



1. MANUFACTURER: ENGINE / MODEL
2. CYLINDER: CYLINDER DIAMETER, NUMBER OF CYLINDERS
3. IN-INTAKE VALVE , EX-EXHAUST VALVE
4. INTERNAL VALVE NUMBER
5. ORIGINAL CATALOGUE NUMBER
6. BASIC VALVE DIMENSIONS D x d x L
7. VALVE SEAT ANGLE : α°
8. VALVE END-SHAFTSHAPE 1-21
9. INTERNAL NUMBER VALVE-GUIDE
10. ORIGINAL CATALOGUE NUMBER VALVE-GUIDE
11. BASIC VALVE-GUIDE DIMENSIONS d₁ x D₂ / D₁ x L₁
12. MATERIAL / SHAPE

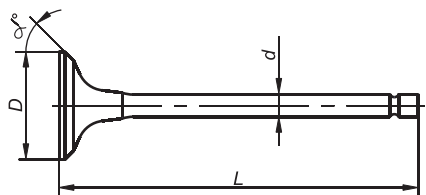
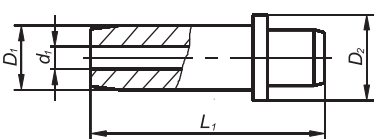
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ACME											
ADN 37 W ADN 43 W	80 1	IN	V661	960.022	30,5x9x105	45	1	VV89 VV89N	464 039	9x15,03x45 +0,1	G A13
ADN 45 W → No. 137999 ADN 48 W	82 1	EX	V662	960.023	30,5x9x105	45	1	VV90 VV90N	464 040	9x15,03x45 +0,1	G A12
ADN 54 W ADN 60 W ADN 1100, ADN 1200	90 1 95 1	IN EX	V659 V660	960.045 960.046	37,5x9x105 37x9x105	45 45	1 1	VV89 VV89N VV90 VV90N	464 039 464 040	9x15,03x45 +0,1 9x15,03x45 +0,1	G A13 G A12
ADN 114 W ACME 202		IN EX	V663 V664	960.016 960.015	35x9x105 35x9x105	45 45	1 1	VV89 VV89N VV90 VV90N	464 039 464 040	9x15,03x45 +0,1 9x15,03x45 +0,1	G A13 G A12
ACURA											
Legend II 3,2 Eng. C32A 3206 ccm 151kw(205PS)	91-96 V6	IN EX	V1529 V1530	14711-PM3-000 14721-PM3-000	29x5,5x115 24,9x5,5x118,7	45 45	1 1	VV347 VV347N VV348 VV348N	12204-PJ7-305 12205-PJ7-305	5,5x11,06x47,5 +0,05 5,5x11,06x54 +0,05	G P G P
SLX 3,2 Allroad Eng. 6VD1	95-99 V6	IN EX	V1649 V1650	641 049 641 360	34x6x103,8 29x6x103,5	45 45	1 1				
ALFA ROMEO											
MiTo 1.4i.e. 16V Eng. 955 A9.000 Eng. 350 A1.000 Eng. 955 A1.000 Eng. 199 A6.000 Eng. 955 A6.000 1368ccm 114kw(155PS)	08 → 72 4	IN EX	V1451* * Retainer V1452* * Retainer	55185028 s.e. 2,5 mm 55106233 s.e. 2,5 mm	26,9x6x95,2 22,4x6x94,7	45 45	3 3	VV259 VV259.1 VV259.2 VV259 VV259.1 VV259.2	46441525 73500256 73500257 46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23 6x10,04x39,7 +0,03 +0,23	G F G F

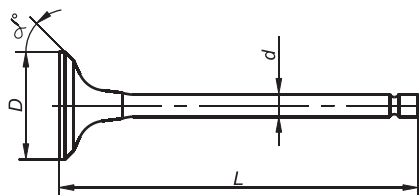
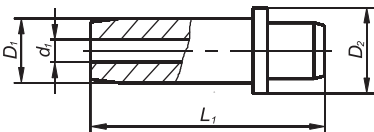
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ALFA ROMEO											
MiTo 1.4i.e. Turbo 16V Giulietta 1.4i.e. Turbo 16V Eng. 199 A8.000 Eng. 955 A2.000 Eng. 955 A7.000 Eng. 955 A8.000 Eng. 940 A2.000 1368ccm	08→ →10	72 4	IN 								

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ALFA ROMEO												
Alfa 33 Nuova 1.2 Eng. 307.43 1186ccm 50kW(68PS)	88→	80 4	IN EX EX	V1175 V1186 V1176	605 40 326 605 40 325 11608.03301.01	39,8x8x92 33,1x8x92,1 37x9x106,5	45 45 60	3 3 1	VV275 VV275	700001 700001	8x13,09x40,5 8x13,09x40,5	G F G F
Alfa 145/146 1.4L Eng. 335.01 1351ccm 60kW(90PS)	95→											
Alfa 33 Nuova 1.3 Eng. 307.32/307.53/307.55 1351ccm 65kW(88PS)	88→											
Alfa 33 Nuova 1.5 Eng. 307.34/307.38 1490ccm 77kW(105PS)	88→	84 4										
Alfa 145 1.6 i.e. Alfa 146 1.6 i.e. Eng. 332.01 1596ccm 76kW(103PS)	94→ 94→											
Alfa 33 Nuova 1.7 i.e. Eng. 307.36/307.37/307.40 1717ccm 79kW(107PS)	88→	87 4										
Alfa 164 GTV V6 2.0 Spider V6 2.0 Eng. 16202, 64102 Turbo 1997ccm 147kw(200PS)	92→98 98→	80 V6	IN EX	V1225 V1226	605 13 702 605 13 703	36,5x9x107,2 32,5x9x94,9	45 45	3 3	VV455 VV455.1 VV456 VV456.1	60810438 60810435	9x14,06x48,5 +0,05 9x14,06x42 +0,05	B F G F
Alfa 166 V6 2.0 Eng. 34102 1997ccm 151kw(205PS)	98→											
Alfa 159 1.8 16V Eng. 939 A4.000 1796ccm 103kw(140PS)	06→	80,5 4	IN EX	V1611 V1612	55557741 71744388	31,2x5x113,9 27,5x5x113,2	45 45	3 3	VV390 VV390N VV390.1 VV390 VV390N VV390.1	71739771 71739803 71739771 71739803	5x10,04x37 +0,05 +0,21 5x10,04x37 +0,05 +0,21	G F G F

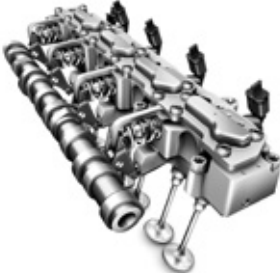
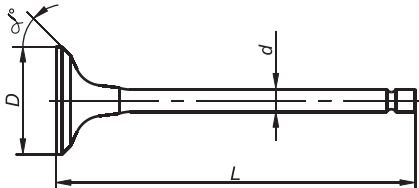
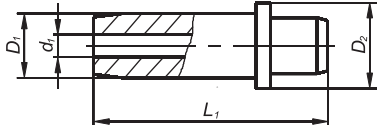
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ALFA ROMEO											
MiTo 0.9 Turbo 13→ Giulietta 1.4i.e. Turbo 16V Eng. 312A2.000 Eng. 199B6.000 875ccm	80,5 2	IN	V2023	55229666	30,15x5x95,5	45	3				
		EX	V2024	55231897	25,4x5x95,3	45	3				
Alfa 145/146/155 TS 1.6i 16V 96→ Alfa 147 TS 1.6i 16V 01→ Eng. 67601, 32102 Alfa 156 TS 1.6i 16V 97→ Eng. 32101 1598ccm 88kw(120PS) Alfa 145/146/155 TS 1.8i 16V 96→ Eng. 67106, 32201 1747ccm 103kw(140PS) Alfa 156 TS 1.8i 16V 97→ Eng. 32201 1747ccm 106kw(144PS) Alfa 145/146/155 TS QV 2.0i16V 96→ Alfa 166 TS 2.0i 16V 98→ Eng. 67204, 32301 1969ccm 110kw(150PS) Alfa 156/GTV/Spider TS 2.0i 16V 97→ Eng. 32301, 16201 1969ccm 110/114kw(150/155PS) Alfa 156 2.0 JTS 16V 02→ Spider 2.0 JTS 16V 03→ Alfa GT 2000 JTS 16V 03→ Eng. 937 A1.000 1970ccm 121kw(165PS)	82 4	IN	V729	608 11 153	33,5x7x113	45	3	VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
	83 4	EX	V730	608 11 154 606 74 496	28x7x108,4	45	3	VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
Alfa 145/146 TS 1.4i.e. 16V 96→ Eng. 33503-38501 1370ccm 76kw(103PS) Alfa 147 TS 1.6i.e. 16V 01→ Eng. 37203 1598ccm 77kw(105PS)	82 4	IN	V963	608 12 982	30x7x113	45	3	VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
	EX							VV70.4	4 372 333	+0,25	
			V964	608 12 981	26x7x108,5	45	3	VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	

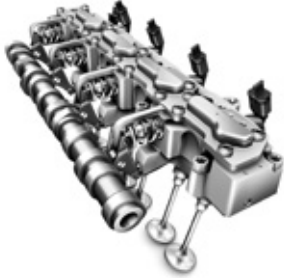
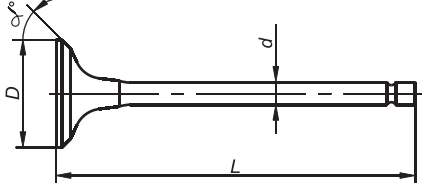
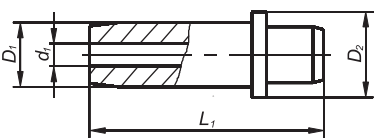
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ALFA ROMEO											
Alfa 155 TS 1.7i.e. 94→ Eng. 67105/M620 AG 18.C 1749ccm 85kw(115PS)	83,4 4	IN	V1009	605 64 098	44x8x116	45	3	VV419	60701202	8x15,08x48	B
		EX	V1010	605 12 751	38x8x119,4	45	3	VV419.1		+0,03	F
Alfa 155 TS 1.8i.e. 92→ Eng. 67102/67101 1773ccm 95kw(129PS)	84 4	IN	V1009	605 64 098	44x8x116	45	3	VV419	60701202	8x15,08x48	B
		EX	V1010	605 12 751	38x8x119,4	45	3	VV419.1		+0,03	F
Alfa 155 TS 2.0i.e. 92→ Eng. 67202 1995ccm 105kw(143PS)								VV420	60579200	8x15,08x45	G
								VV420.1		+0,03	F
Alfa 164 TS 2.0 93→ Eng. 64103 1995ccm 107kw(146PS)											
Alfa 75 Twin Spark 2.0 87→ Alfa 164 Twin Spark 2.0 87→ Eng. 06166/06420 1962ccm 109kw(148PS)											
Nuova 75 1.8 91→ 1756ccm	84 4	IN	V945	7 547 400 46406169	43,5x8x105,6	45	1	VV69	4 250 803	8x14,06x46,5	G
								VV69.1	4 372 160	+0,03	F
Alfa 164 2.0i.e. Turbo benz. 87→ Eng. M619DT.200/06476 1995ccm 129kw(175PS)								VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
								VV69.4	4 372 162	+0,23	
		EX	V946	7 597 080 5 975 341	36,2x8x105,9	45	1	VV69	4 250 803	8x14,06x46,5	G
								VV69.1	4 372 160	+0,03	F
								VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
								VV69.4	4 372 162	+0,23	
Alfa 155 2.0i Turbo 16V 88→ Nuova 75 2.0 Turbo 16V 91→ 155 Quadrifoglio 2.0 Turbo 16V 92→ Eng. 67203 1995ccm 126/137kw(171/186PS)	84 4	IN	V705	608 05 834	34,4x7x128	45	1	VV267	7 616 998	7x14,04x51,3	G
								VV267.1	7 616 992	+0,03	F
								VV267.2	7 616 993	+0,08	
								VV267.3	7 616 994	+0,18	
		EX	V706	608 05 836	28,5x7x125,7	45	1	VV267	7 616 998	7x14,04x51,3	G
								VV267.1	7 616 992	+0,03	F
								VV267.2	7 616 993	+0,08	
								VV267.3	7 616 994	+0,18	

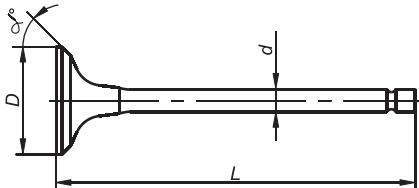
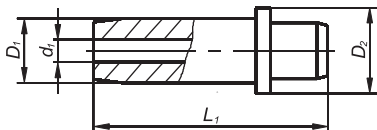
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ALFA ROMEO											
Alfa 33 1.5 T.I. Alfa 33 1.5 T.I. 4x4 Sprint 1.5 Giardinete 1.5 4x4 Eng. 301.28, 301.46 1490ccm 61-77kW(83-105PS)	88→ 78-89	84 4 EX	IN V1559 EX V1558	605 06 548 605 03 993	40x8x93,8 33,2x8x93,5	45 45	3 3	VV275 VV276	700001 700002	8x13,09x40,5 8x13,09x44	G F G A
159 3.2 JTS V6 24V Brera 3.2 JTS V6 24V Spider 3.2 JTS V6 24V Eng. 939 A000 3195ccm	05→ 06→ 06→	85,6 V6 EX	IN V1871 EX V1872	71741112 71741113	35x6x101,5 30,6x6x97,2	45 45	1 1				
Alfa 159 1.9JTS 16V Eng. 939 A6.000 1858ccm 118kw(160PS) Alfa 159 2.2JTS 16V Brera 2.2JTS 16V Spider 2.2JTS 16V Eng. 939 A5.000 2198ccm 136kw(185PS)	05→ 06→ 06→	86 4 EX	IN V1069 EX V1070	55192156 71739686	35,1x6x102,3 30,1x6x100,9	45 45	3 3	VV452 VV452	71739350 71739350	6x10,05x36 6x10,05x36	G A G A
Alfa 33 Q.V. 1.7 Alfa 33 Sprint Q.V. 1.7 Eng. 305.50, 305.58 1717ccm 87kw(118PS)	86→ 86→	87 4 EX	IN V973 EX V974	131 929 60515042 131 930 60540325	40x8x93 33,1x8x93	45 45	3 3	VV275 VV276	700001 700002	8x13,09x40,5 8x13,09x44	G F G A
Alfa 33 1.7i.e 16V Alfa 145/146 1.7i. 16V Eng. 33401 1712ccm 95/97kw(129/132PS)	89→ 95→	87 4 EX	IN V1173 EX V1174	605 25 336 605 25 337	32x7x99,1 26x7x101,2	45 45	3 3	VV401 VV401.1 VV402 VV402.1	60562594 60565758 60562595 60565756	7x12,06x40,5 +0,18 7x12,07x40,5 +0,18	B F G F
Alfa 155 2.5i TB 24V Alfa 166 2.5i TB 24V Eng. AR32401-AR34201 2492ccm 140kW(190PS)	97-00 93→	88 V6 EX	IN V1371 EX V1372	605 82 738 605 82 739	33,6x7x102 29,1x7x102,2	45 45	3 3	VV403 VV403.1 VV404 VV404.1	60612839 60612835	7x12,07x38 +0,03 7x12,07x43 +0,03	G F G F

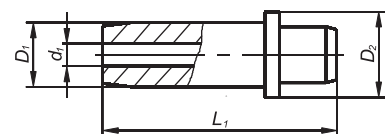
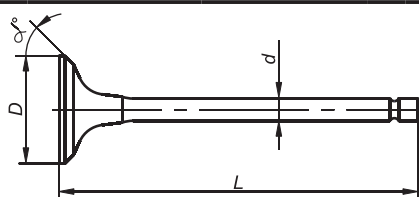
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ALFA ROMEO											
Alfa 164 i.e. V6 3.0 24V Alfa 166 i.e. V6 3.0 24V Eng. 64304 Alfa 164 i.e. Quadrifoglio 4WD 3.0 24V Eng. 64307 Alfa GTV V6 3.0 24V Spider V6 3.0 24V Eng. 16102 2959ccm 162/171kW(220/233PS)	93→ 98→ 93→ 95→ 95→ 										

			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ALFA ROMEO DIESEL											
Alfa 145 1.9 JTD	99→	82	IN	V1033	46478834	35,5x8x115	45 3	VV260	7 565 472	8x14,04x43	G
Alfa 146 1.9 JTD	99→	4						VV260.1	46 433 782	+0,03	F
Alfa 147 1.9 JTD	00→							VV260.2	46 433 783	+0,08	
Alfa 156 1.9 JTD	97→99							VV260.3	7 565 473	+0,18	
Alfa 159 1.9 JTD	05→							VV260.4	46 433 784	+0,23	
Eng. 32302/184.B4.000/939 A1.000											
1910ccm 77/85kw(105/115PS)			EX	V1034	46416321	34,5x8x115	45 3	VV260	7 565 472	8x14,04x43	G
								VV260.1	46 433 782	+0,03	F
Alfa 156 2.4 JTD 10V	97→	82						VV260.2	46 433 783	+0,08	
Alfa 166 2.4 JTD 10V	97→	5						VV260.3	7 565 473	+0,18	
Eng. 32501/34202								VV260.4	46 433 784	+0,23	
2387ccm 100kw(136PS)											
147 1.9 JTD 16V	03→	82	IN	V1415	46802049	27,8x6x114,4	45 3	VV459		6x11,04x47	G
155 1.9 JTD 16V	03→	4						VV459.1	55186786	+0,03	F
156 1.9 JTD 16V	03→							VV459.2	55186789	+0,23	
Eng. 192 A5.000											
New 147 1.9 JTD 16V	03→		EX	V1416	46787902	25,8x6x114,4	45 3	VV459		6x11,04x47	G
159 1.9 JTD 16V	05→							VV459.1	55186786	+0,03	F
Alfa GT 1.9 MJ 16V	03→							VV459.2	55186789	+0,23	
Eng. 937 A5.000, 939 A2.000											
1910ccm 103/110kW(141/150PS)											
Brera 2.4 JTDM 20V	06→	82									
156 2.4 JTD 20V	02→	5									
159 2.4 JTD 20V	03→										
166 2.4 JTD 20V	02→										
Eng. 841 G.000, 939 A3.000											
2387ccm 129kW(175PS)											
Alfa 159 2.4 JTDM 20V	05→	82	IN	V2025	55190248	27,9x5x114,2	45 3	VV437	55210016	5x10,04x46,7	G
Brera 2.4 JTD 20V	06→	5						VV437.1	55210015	+0,03	A
Spider 2.4 JTD 20V	07→							VV437.2	55210017	+0,23	
Eng. 939A3.000											
Eng. 939A9.000			EX	V2026	55190249	24,9x5x114,2	45 3	VV437	55210016	5x10,04x46,7	G
Alfa 166 2.4 JTD 20V								VV437.1	55210015	+0,03	A
Eng. 936B.000								VV437.2	55210017	+0,23	
Up to eng. 5553217											
2387ccm											

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ALFA ROMEO DIESEL												
Alfa 159 1.9 JTDM 16V Eng. 939 A2.000 1910ccm	07/06→	82 4	IN	V1595* * Retainer	55206431 s.e. 4,9 mm	27,9x5x114,4	45	3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A
Alfa 159 2.4 JTDM 20V Alfa 166 2.4 JTDM 20V Brera 2.4 JTDM 20V Spider 2.4 JTDM 20V Form. eng. 5553218 Eng. 939 A9.000 2387ccm	07/06→	5	EX	V1596* * Retainer	55205183 s.e. 5,9 mm	24,5x5x114,4	45	3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A
Alfa 155 2.4TD Alfa 164 2.4TD Eng. M717 AT.24T Eng. 838 A3.000 2387ccm	97→ 97→	82 5	IN	V1031	7 798 620 46527855	37,5x8x114,2	45	3	VV260 VV260.1 VV260.2 VV260.3 VV260.4	7 565 472 46 433 782 46 433 783 7 565 473 46 433 784	8x14,04x43 +0,03 +0,08 +0,18 +0,23	G F
			EX	V1032	7 783 225 46527856	31x8x114,2	45	3	VV260 VV260.1 VV260.2 VV260.3 VV260.4	7 565 472 46 433 782 46 433 783 7 565 473 46 433 784	8x14,04x43 +0,03 +0,08 +0,18 +0,23	G F
Alfa 145/146 1.9 TD Eng. 33601 1929ccm	96→	82,6 4	IN	V707	608 08 694	37,5x8x116,5	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Alfa 155 1.9 TD Eng. 67501 1929ccm	93→		EX	V708	608 08 695	33,5x8x116,5	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Alfa 159 2.0 JTDM 16V Eng. 939 B3.000 Giulietta 2.0 JTDM 16V Eng. 940 A8.000 Eng. 940 A5.000 Eng. 940 A4.000 1956ccm	09→ 10→	83 4	IN	V1595* * Retainer	55206431 s.e. 4,9 mm	27,9x5x114,4	45	3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A
			EX	V1596* * Retainer	55205183 s.e. 5,9 mm	24,5x5x114,4	45	3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A

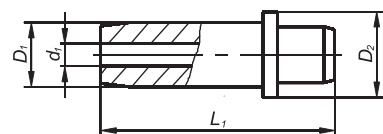
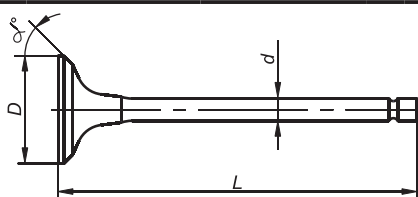
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ALFA ROMEO DIESEL											
Giulietta 2.0 TD 83→ Alfetta 2.0 TD 81→ Alfa 75 2.0 TD 88→ Eng. VM 488 HT/HR Turbo 1995ccm 60/70kw(82/95PS)	88 4	IN	V1167	605 07 189	40,2x8x121	55	1	VV411 VV411.1 VV411.2 VV521 VV521.1 VV521.2	605 07 152	8x14,06x55 +0,03 +0,18 8x14,06x55 +0,03 +0,18	G A G F
Alfa 6 2.5 TD 10V 83→ Eng. VM 588 HT/HR Turbo 2492ccm 77kw(105PS)	88 5	EX	V1168	605 04 864	34x8x121	45	1	VV411 VV411.1 VV411.2 VV521 VV521.1 VV521.2	605 07 152	8x14,06x55 +0,03 +0,18 8x14,06x55 +0,03 +0,18	G A G F
Alfa 33 1.8 TD 86→ Eng. VMRT 392 Turbo 1779ccm 53kw(72PS)	92 3	IN	V1167	605 07 189	40,2x8x121	55	1	VV411 VV411.1 VV411.2 VV521 VV521.1 VV521.2	605 07 152	8x14,06x55 +0,03 +0,18 8x14,06x55 +0,03 +0,18	G A G F
Alfa 90 2.4 TD 84→ Alfetta 2.4 TD 84→ Alfa 75 2.4 TD 84→ Eng. VM 492 HT/HR Turbo 2393ccm 81kw(110PS)	92 4	EX	V1168	605 04 864	34x8x121	45	1	VV411 VV411.1 VV411.2 VV521 VV521.1 VV521.2	605 07 152	8x14,06x55 +0,03 +0,18 8x14,06x55 +0,03 +0,18	G A G F
Alfa 155/164 2.5L Turbo Diesel Eng. VM 492 HR/HS 2500ccm 84/92kw(114/125PS)								VV411 VV411.1 VV411.2 VV521 VV521.1 VV521.2		8x14,06x55 +0,03 +0,18	G F
Eng. 8144.61.200 78→ 10.13 AR6 2.4 D 30.32.35.40 AR8 2.4 D 2445ccm 53kw(72PS)	93 4	IN	V470 V470N1 V470N3 V965	4 813 760 4 741 915	41x8x122 +0,5S +1,0S 41x8x122	60	1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
		EX	V327	7 301 821 7 302 157	34,4x8x122	45	1	VV58 VV58.1 VV58.2	4 726 483 4 733 258 4 733 259	8x13,03x60 +0,03 +0,08	G A
		EX	V327N3 V966	4 733 349	32,9x8x122	45	1	VV58.3 VV58.4	4 733 260	+0,18 +0,23	

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ALFA ROMEO DIESEL												
Eng. 8140.61.300 Eng. No. 452001 1093ccm 37kw(50PS)	78→	93 4	IN	V326	7 301 820 4 757 358	41x8x120,7	60	1	VV57	4 749 395	8x13,03x56	G
				V326N3	+1,0S	VV57.1	4 749 397	+0,03	F			
						VV57.2	4 749 398	+0,08				
						VV57.3		+0,18				
						VV57.4	4 749 399	+0,23				
		EX	V966	4 733 349	32,9x8x122	45	1	VV58	4 726 483	8x13,03x60	G	
			V966	VV58.1	4 733 258	+0,03	A					
				VV58.2	4 733 259	+0,08						
				VV58.3		+0,18						
				VV58.4	4 733 260	+0,23						
10.13.14 AR6 2.4D 32.35.40 AR8 2.4D Eng. 8144.61.200 2429ccm 53kw(72PS) 10 AR6 2.4 D 14 AR8 2.4 D Eng. 8144.21.200 30,35,40 AR8 2.4TD Eng. 8140.21.200 2445ccm 68kw(92PS) 10,14 AR6 2.5TD Eng. 8144.67.220 2499ccm 55kw(75PS) 30,35,40 AR8 2.4TD Eng. 8140.61.200 2445ccm 53kw(72PS)	85-86 78-89 68-89 86-89 85-88 86-89 78-89	93 4	IN	V326	7 301 820 4 757 358	41x8x120,7	60	1	VV57	4 749 395	8x13,03x56	G
				V326N3	+1,0S	VV57.1	4 749 397	+0,03	F			
						VV57.2	4 749 398	+0,08				
						VV57.3		+0,18				
						VV57.4	4 749 399	+0,23				
		EX	V327	7 301 821 7 302 157	34,4x8x122	45	1	VV58	4 726 483	8x13,03x60	G	
			V327N3	VV58.1	4 733 258	+0,03	A					
				VV58.2	4 733 259	+0,08						
				VV58.3		+0,18						
				VV58.4	4 733 260	+0,23						
AUDI												
50 LS/GLS 1.1 Eng. HB/HC 1093ccm 37kw(50PS) 50 GL 1.3 Eng. HH 1272ccm 44kw(60PS)	74-78 74-77	69,5 4	IN	V692	052 109 601	31,5x8x104	45	1	VV76	056 103 419A	8x13/12,06x36,5	B
				V692		VV76.1		+0,05	G			
						VV76.2		+0,15				
						VV76.3		+0,25				
						EX	V648	052 109 611	28x8x104	45	1	VV76
		V648	VV76.1		+0,05		G					
			VV76.2		+0,15							
			VV76.3		+0,25							



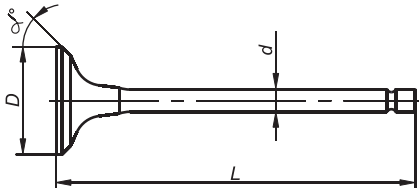
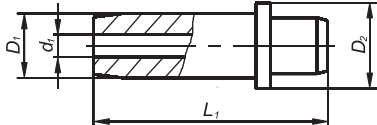
AUDI

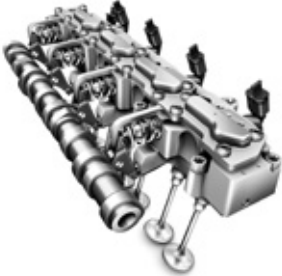
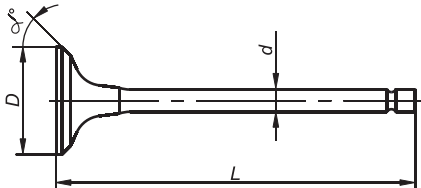
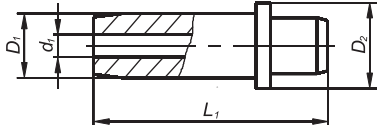
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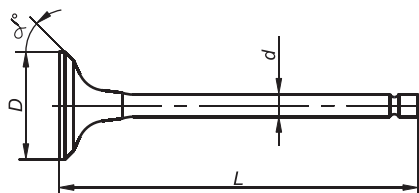
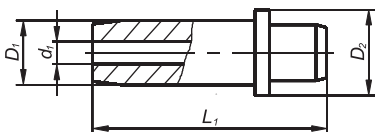


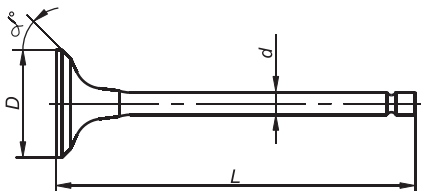
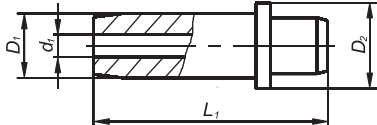
AUDI

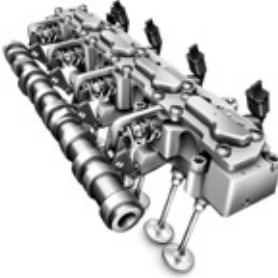
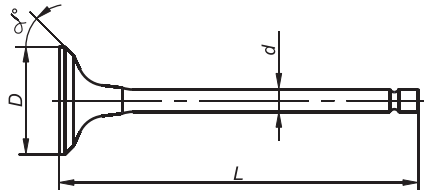
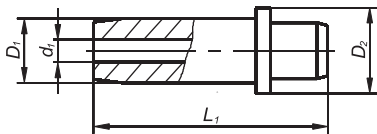
13

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI												
A2 1.4 16V Eng. AUA/BBY 1390ccm 55kw(75PS)	00→	76,5 4	IN	V957 V958	036 109 601S 036 109 601AD 036 109 611K	29,5x6x100,9 26x6x100,5	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
A2 FSi 1.6 16V Eng. BAD 1598ccm 81kw(110PS)	02→		EX									
A3 1.6FSi 16V Eng. BAG, BLF, BLP 1598ccm 85kw(116PS)	02→											
80 GTE 1.6 En 80 GLE K-Jetronic 1.6 Eng. YZ 1588ccm 81kw(110PS)	75→ 79→	79,5 4	IN	V749 V750	049 109 601A 049 109 611A	38x8x105,7 31,2x8x105,5	45 45	1 1	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F
80 Coupe GT5S/CD5E/5S 1.9 100 C5/CL5/GL5/L5 1.9 100 Avant/Coupe GT5S 1.9 Eng. WN/WH 1921ccm 74/85kw(100/115PS)	81→ 81→	79,5 5	IN	V751 V752	035 109 601C 035 109 601F 035 109 611F	38x8x98,7 33,2x8x98,5	45 45	3 3	VV80 VV80.1 VV80.2 VV80.3 VV80 VV80.1 VV80.2 VV80.3	049 103 419 049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B F B F
80 Quattro 2.2 100 Avant/C5S/CL5S 2.2 100 GL5S/CD5S 2.2 100 Avant/C5E/CL5E 2.2 100 GL5E/CD5E 2.2 200 5E 2.2 Eng. WC/KK/WB 2144ccm 85/100kw(115/136PS)	83→ 81→ 81→		EX									
80 Quattro 2.2 Coupe GT5E Eng. KL/KE/HY 2144ccm 96kw(130PS)	82→ 82→											

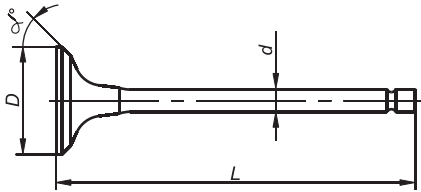
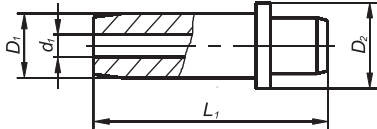
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
100 1.8 80 CL/GL/Formel E 1.8 80 Quattro 1.8 80 CC/CD/Coupe 1.8 Eng. DR/JV 1781ccm 55/66kw(75/90PS)	82→ 81→ 84→ 82→	81 4	IN	V751 035 109 601C 035 109 601F	38x8x98,7	45	3	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
90 E/Coupe GT 2.0 100 Avant 2.0 Eng. KP 1994ccm 85kw(115PS)	84→ 85-86	81 5	EX	V752 035 109 611F	33,2x8x98,5	45	3	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
200 2.1 Eng. WC 2144ccm 134kw(182PS)	83→	81 5									
80 CC/CD 1.6 Eng. JU/DT 1595ccm 55kw(75PS)	84→	81 4									
100, 100 Avant 1.8 5000 1.8 USA Models 1781ccm 82kw(112PS)	86→ 86→										
80 1.6 100 1.6 Eng. ABB/ADA 1595ccm 75kw(102PS)	90→ 92→	81 4	IN	V899 048 109 601A	39,5x8x91,9	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
80 1.8 Eng. SD 1847ccm 83kw(113PS)	86-88	82,5 4	EX	V702B 053 109 611	33,2x8x91	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
100 2.0 E/Avant,Coupe A6/A6 Quattro 2.0 Eng. AAE/ABK 1984ccm 74/85kw(100/115PS)	90-94 90→										

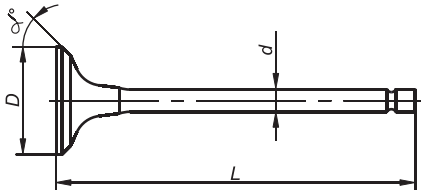
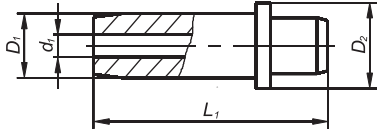
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI												
90 2.0	90→	82,5	IN	V899	048 109 601A	39,5x8x91,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
100 2.0 E/Avant,Coupe	91-94	4							VV76.1		+0,05	G
80/80 Quattro 2.0	83-91								VV76.2		+0,15	
Eng. AAD									VV76.3		+0,25	
1984ccm	85kw(115PS)		EX	V702B	053 109 611	33,2x8x91	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
A6 2.0	94→								VV76.1		+0,05	G
80 2.0 E/Quattro,Coupe, Avant	91-94								VV76.2		+0,15	
100/100 Avant 2.0	93→								VV76.3		+0,25	
Eng. ABK, ABT												
1984ccm	66/85kw(90/115PS)											
80/80 Avant 2.0	94-96	82,5										
100/A6,Avant,Coupe 2.0	94→	4										
100/A6,Cabriolet 2.0	94→											
Eng. AAE, ADW, ABK												
1984ccm	74/79/85kw(100/107/115PS)											
A100/100 Avant Quattro 2.3	85-90	82,5										
500/500 Quattro 2.3E	87→	5										
Coupe/Coupe Quattro 2.3	86-94											
Eng. NF												
2309ccm	100kw(136PS)											
80/A4 2.6 E V6/Coupe,Cabrio	94→	82,5										
A6 Avant 2.6E	94→	V-6										
Eng. ABC												
2598ccm	128kw(174PS)											
100 2.8 E/Avant,Quattro	90-93											
A6 Avant 2.8E	94→											
Eng. AAH												
80/A4 2.8 E V6/Coupe,Cabrio	94→											
Eng. AAH												
2770ccm	128kw(174PS)											
80 A4 2.6 V6	93-97											
100/A6 Avant 2.6E V6	94→											
Eng. ABC, ACZ												
2598ccm	102/110kw(138/150PS)											

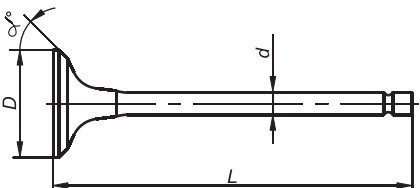
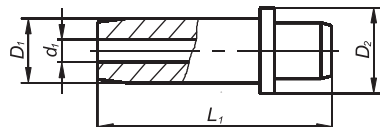
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI												
A8/A8 Quattro 2.8 100/A6 Avant 2.8E V6 Eng. AAH, AFC 2771ccm 120/128kw(163/174PS)	94→ 94→	82,5	IN	V899	048 109 601A	39,5x8x91,9	45	3	VV76	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
		V-6	EX						V702B			
100 1.8 80 Coupe/GL 1.8 Eng. DD 1781ccm 55kw(75PS)	80→ 81→	81	IN	V751	035 109 601C	38x8x98,7	45	3	VV76	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
		4	EX						V748			
80 GTE 1.8 80 GTE Quattro 1.8 Eng. DX 1781ccm 82kw(112PS)	83→ 84→	81	IN	V753	026 109 601	40x8x98,7	45	3	VV76	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
		4	EX						V752			

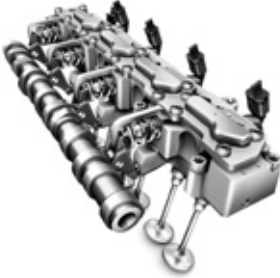
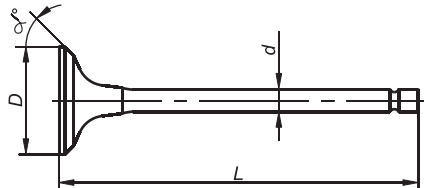
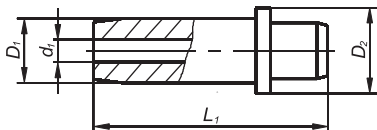
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI												
80 GTE/Quattro 1.8 100, 100 Avant/Quattro 1.8 Coupe GT/Quattro 1.8 5000 USA Models Eng. PV/DX 1781ccm	85→ 86→ 86→ 82kw(112PS)	81 4 5	IN EX	V701 V702	026 109 601 C 026 109 611 A 048 109 611 A	40x8x91 33,2x8x91	45 45	3 3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419 056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F B G B F B G B F
80, 80 Quattro 1.8 90, 90 Quattro 1.8 Coupe 1.8 80 2.0 90,90 Quattro 2.0 100,100 Avant 2.0 Eng. RT 1994ccm	86→ 86→ 87→ 87→ 87→ 88→ 85/92kw(115/125PS)	81 4 81 5 82,5 4	IN EX	V701 V702B	026 109 601 C 053 109 611	40x8x91 33,2x8x91	45 45	3 3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419 056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F B G B F
100, 100 Avant Quattro 2.2 5000 2.2 USA Models 2226ccm	84→ 84→ 100kw(136PS)	84→ 84→ 82,5 4	IN EX	V701 V702B	026 109 601 C 053 109 611	40x8x91 33,2x8x91	45 45	3 3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419 056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F B G B F
80 1.9 E/1.9 E Quattro Eng. SD 1847ccm	86→ 83kw(113PS)	86→ 82,5 4	IN EX	V701 V702B	026 109 601 C 053 109 611	40x8x91 33,2x8x91	45 45	3 3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419 056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F B G B F
90 2.3 E/2.3 E Quattro 100, 100 Avant/Quattro 2.3 Coupe GT 2.3 4000 2.3 Eng. NG 2309ccm	87→ 86→ 88→ 87→ 100kw(136PS)	87→ 86→ 88→ 87→ 82,5 5	IN EX	V701 V702B	026 109 601 C 053 109 611	40x8x91 33,2x8x91	45 45	3 3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419 056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F B G B F

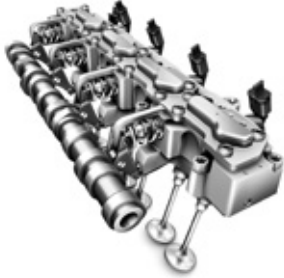
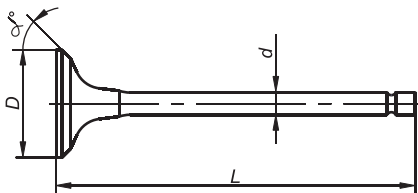
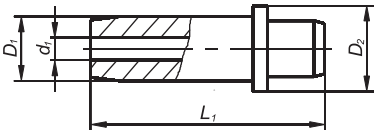
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1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
80 S 1.6 Eng. ABM/PP/RN 1595ccm 51/55kw(70/75PS)	87→	81 4	IN	V796	035 109 601J 035 109 601K	38x8x91,9	45	3	VV76 056 103 419A	8x13/12,06x36,5	B G
80, 80 Quattro 1.8 86→ 90, 90 Quattro 1.8 86→ 100, 100 Avant/Quattro 1.8 88→ Coupe 1.8 86→ 4000 1.8 83-85 Eng. RU/NE/DS/JN 1781ccm 55/66kw(75/90PS)	86→	81 5	EX	V702B	053 109 611	33,2x8x91	45	3	VV76.1 VV76.2 VV76.3 VV80 049 103 419 VV80.1 VV80.2 VV80.3	8x12,06x42,5	B F
80/80 Quattro 2.0 83→ 90/90 Quattro 2.0 83→ 100 Coupe 2.0 86→ Coupe 2.0 83→ Eng. HP/JS/SL 1994ccm 83/85kw(113/116PS)	83→	81 5	EX	V702B	053 109 611	33,2x8x91	45	3	VV76 056 103 419A VV76.1 VV76.2 VV76.3 VV80 049 103 419 VV80.1 VV80.2 VV80.3	8x13/12,06x36,5	B G
80, 80 Quattro 2.2 87→ 90, 90 Quattro 2.2 87→ 100, 100 Avant/Quattro 2.2 88→ Eng. KU/KV/HX 2226ccm 100kw(136PS)	87→	81 5	EX	V702B	053 109 611	33,2x8x91	45	3	VV76 056 103 419A VV76.1 VV76.2 VV76.3 VV80 049 103 419 VV80.1 VV80.2 VV80.3	8x13/12,06x36,5	B G
200 2.2.T 86-90 Eng. MC Turbo 2226ccm 121kw(165PS)	86-90	81 5	EX	V702B	053 109 611	33,2x8x91	45	3	VV76 056 103 419A VV76.1 VV76.2 VV76.3 VV80 049 103 419 VV80.1 VV80.2 VV80.3	8x13/12,06x36,5	B G
Coupe 1.8 87→ 1781ccm 64/68kw(87/92PS)	87→	81 4	IN	V754	035 109 601H	38x8x91	45	3	VV76 056 103 419A VV76.1 VV76.2 VV76.3	8x13/12,06x36,5	B G
Coupe 2.0 87→ 1994ccm 81kw(110PS)	87→	81 5	EX	V702B	053 109 611	33,2x8x91	45	3	VV80 049 103 419 VV80.1 VV80.2 VV80.3	8x12,06x42,5	B F
90, 90 Quattro 2.2 85→ 100 CC/CS/C D Avant 2.2 85→ 100 CS/Avant/Quattro 2.2 85→ Coupe GT/Quattro 2.2 85→ 2226ccm 101kw(138PS)	85→	81 5	EX	V702B	053 109 611	33,2x8x91	45	3	VV80 049 103 419 VV80.1 VV80.2 VV80.3	8x12,06x42,5	B F

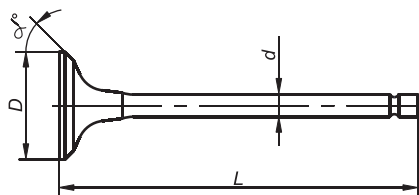
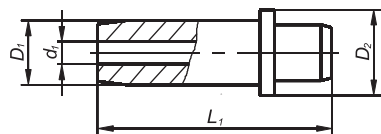
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI												
80, 90 Quattro 2.0 20V 88→ 90, 90 Quattro 2.0 20V 89→ Eng. NM 1994ccm 118kw(160PS)	81 5	IN	V779	027 109 601C	32x7x95,5	45	1	VV149 VV149.1	027 103 419 027 103 423	7x13/12,07x38 +0,05	B G	
A6/A6 Quattro Turbo 2.2 20V 96→ S4/Avant Turbo 2.2 20V 91→ S6/S6 Quattro Turbo 2.2 20V 94→ 100/100 Avant Turbo 2.2 20V 91→ Eng. AAN 2226ccm 169kw(230PS)		EX	V780	027 109 611B 027 109 611C	28x7x98,2	45	1	VV149 VV149.1	027 103 419 027 103 423	7x13/12,07x38 +0,05	B G	
200/200 Quattro Turbo 2.2 20V 89→ S2 2.2 20V Turbo 90→ Coupe Quattro Turbo 2.2 20V 90→ Eng. 3B Turbo 2226ccm 162kw(220PS)												
A3 1.6L 96-98 Eng. AEH, AKL A4 II/Avant 1.6L 94-97 Eng. ADP, AHL A4 II/Avant 1.6L 98-99 Eng. ARM 1595ccm 74kw(101PS) A4 2.6E V6 Coupe , Cabrio 94→ Eng. ABC 2598ccm 110kw(150PS) A4 2.8V6 Coupe/Quattro,Cabriolet 94→ Eng. AAH 2770ccm 128kw(174PS) A6/A6 Avant 2.6E V6 94→ A6 Avant Quattro 2.6E V6 94→ A6 Coupe , Cabriolet 2.6E V6 94→ Eng. ABC, ACZ 2598ccm 102/110kw(138/150PS)	81 4 82,5 V-6	IN EX	V869 V870	078 109 601B 048 109 611B 078 109 611C	39,5x7x91,9 32,9x7x91,2	45	3	VV151 VV151N VV151.1 VV151 VV151N VV151.1	037 103 419B 037 103 419B	7x13/12,07x36,5 +0,05 +0,15 7x13/12,07x36,5 +0,05 +0,15	B G B G	

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI												
A6/A6 Avant 2.8E V6 A6 Avant Quattro 2.8E V6 A6 Coupe, Cabriolet 2.8E V6 Eng. AAH, AFC 2771ccm 120/128kw(163/174PS)	94→ 94→ 94→	82,5 6	IN EX	V869 V870	078 109 601B 048 109 611B 078 109 611C	39,5x7x91,9 32,9x7x91,2	45 45	3 3	VV151 VV151N VV151.1 VV151 VV151N VV151.1	037 103 419B 037 103 419B	7x13/12,07x36,5 +0,05 +0,15 7x13/12,07x36,5 +0,05 +0,15	B G B G
A6 2.4 24V Eng. BDW 2393ccm 130kw(177PS)	04→	81 6	IN EX	V1679 V1606	06E 109 601H 06D 109 611L	32,3x6x104 28x6x101,9	45 45	3 3				
A3 1.8i 20V Eng. AGN, APG A3/A3 Quattro 1.8i 20V TT/TT Quattro 1.8i 20V Eng. APP, APX TT Roadster 1.8T 20V Eng. APX S3 1.8i 20V Eng. AMK Cabriolet 1.8i 20V Eng. ADR 1781ccm 92/132/154/165kw	96-03 99-00 98-01 98-01 00-02 97-00	81 4	IN EX	V839* * Retainer V840* * Retainer	058 109 601C s.e. 5 mm 058 109 611M s.e. 3,4 mm	26,9x6x105,1 29,9x6x103,9	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
A4,A6 1.8i 20V A4,A6 Quattro 1.8i 20V Eng. AFY, ADR, APT 1781ccm 85/92kw(116/125PS)	95-01 94-97											
A4,A6 2.4i V6 30V Eng. AGA, AJG, ALF, APZ, APS A4,A6 Quattro 2.4i V6 30V Eng. ADR, AJG 2393ccm 92/120/121kw	97-01 97-99	81 V6										
A4,A6 2.0 20V Eng. ALT 1984ccm 96kw(130PS)	00→	82,5 4										
A4,A6,A8 2.8 V6 30V A4 Quattro 2.8 V6 30V Eng. ACK, AMX, APR, ALG, AQD 2771ccm 142kw(193PS)	95-02 96-01	82,5 V6										

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI												
A4,A6 3.0 V6 30V A8 3.0 V6 30V Eng. ASN, BBJ 2771ccm 162kw(220PS)	00→ 03→	82,5 6	IN EX	V839* * Retainer V840* * Retainer	058 109 601C s.e. 5 mm 058 109 611M s.e. 3,4 mm	26,9x6x105,1 29,9x6x103,9	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
A3 1.8i 20V Turbo A3 Quattro 1.8i 20V Turbo Eng. AGU, AQA, AJQ, ARZ, AUQ, AUM, ARX A4,A6 1.8i 20V Turbo S4 Avant 1.8i 20V Turbo A4,A6 Quattro 1.8i 20V Turbo Eng. AEB, AJL, APU, ANB, AWT TT 1.8i 20V Turbo TT Quattro 1.8i 20V Turbo TT Roadster 1.8i 20V Turbo Eng. AJQ, AUQ, AUM, ARY 1781ccm 110/132kw(150/180PS) S3 1.8i 20V Turbo Eng. APY, BAM 1781ccm 154/165kw(209/225PS) A4,S4 2.7i 30V Turbo Eng. AGB 2671ccm 195kw(265PS)	96-03 96-03 95-05 99→ 95-00 98→ 98→ 99→	81 4	IN EX	V839* * Retainer V1634* * Retainer	058 109 601C s.e. 5 mm 058 109 611E s.e. 5 mm	26,9x6x105,1 29,9x6x103,9	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
A6 2.4 A6 Avant 2.4 Eng. BDW 2393ccm 130kw(177PS)	04-08	81 V6	IN IN EX EX	V2157 V2027 V1606 V2158	06E 109 601H 06D 109 601M 06D 109 611H	32,3x6x104 33,8x6x104 28x6x101,9 28x6x101,9	45 45 45 45	3 3 3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
100 Quattro 3.6 V8 32V Eng. PT 3562ccm 184kw(250PS) 80 Quattro/Coupe 2.0 16V Eng. 6A KE-Motronic 1984ccm 101kw(137PS) 90 Coupe Quattro 2.3 20V 90,90 Quattro 2.3 20V Eng. 7A 2308ccm 125kw(170PS)	89→ 91→ 88→ 89→	81 V-8 82,5 4 82,5 5	IN EX	V779 V780	027 109 601C 027 109 611B 027 109 611C	32x7x95,5 28x7x98,2	45 45	1 1	VV149 VV149.1 VV149 VV149.1	027 103 419 027 103 423 027 103 419 027 103 423	7x13/12,07x38 +0,05 7x13/12,07x38 +0,05	B G B G

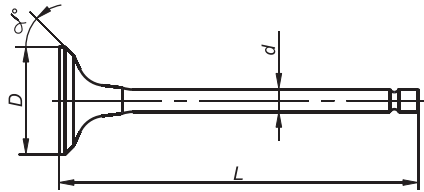
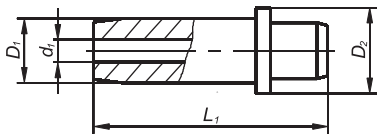
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
100 Quattro 4.2 V8 32V S4 4.2 V8 32V Eng. ABH 4172ccm 206kw(280PS)	89→ 92→ V8	84,5 IN EX	V779 V780	027 109 601C 027 109 611B 027 109 611C	32x7x95,5 28x7x98,2	45 45	1 1	VV149 VV149.1 VV149 VV149.1	027 103 419 027 103 423 027 103 419 027 103 423	7x13/12,07x38 +0,05 7x13/12,07x38 +0,05	B G B G
100 2.3 E/Avant,Coupe A6/A6 Quattro 2.3 Eng. AAR 2308ccm 98kw(133PS)	90→ 94→ 5	82,5 IN EX	V697 V697N1 V697N3 V702B	069 109 601F 053 109 611	36x8x95,1 +0,5S +0,8S 33,2x8x91	45 45	3 3	VV76 VV76.1 VV76.2 VV76.3 VV76 VV76.1 VV76.2 VV76.3	056 103 419A 056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25	B G B G
80/80 Quattro 2.3E 90/90 Quattro 2.3E Coupe/Cabrio 2.3 Eng. NG 2309ccm 100kw(136PS)	91→ 90→ 90→										
A3 2.0 FSI 16V Eng. BMB/AXW A4 2.0 FSI 16V Eng. AWA A3 2.0 FSI 16V A3 2.0 FSI 16V Eng. BLR A3 2.0 FSI 16V Eng. BLX/BLY A3 2.0 FSI 16V Eng. BYY A3 2.0 FSI 16V Eng. BVZ 1884ccm 110kw(150PS) A6 3.0i Kompressor 24V A6 Allroad 3.0i 24V Eng. CAJA 2976ccm 213kw(290PS) A6 3.0i Kompressor 24V Eng. CCAA 2976ccm 220kw(299PS)	04-05 02-04 05→ 04-05 05-07 05-08	82,5 4 IN EX 6	V1605 V1606	06D 109 601K 06E 109 601E 06E 109 601F 06D 109 611K 06D 109 611L 06D 109 611H	33,8x6x104 28x6x101,9	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F

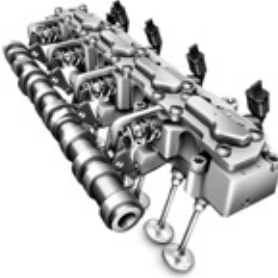
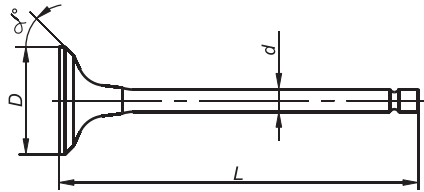
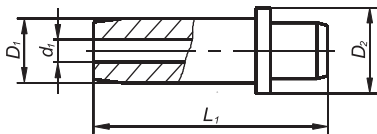
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
A3 2.0 FSI 16V Eng. AXX 1984ccm	04-05 147kw(200PS)	82,5 4	IN	V2027 06D 109 601M 079 109 601B	33,8x6x104	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
S3 2.0i Turbo 16V 1984ccm	06-08 195kw(265PS)		EX	V1606 06D 109 611H	28x6x101,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
A4 2.0 TFSI 16V A6 2.0 TFSI 16V Eng. BPJ 1984ccm	05→ 125kw(170PS)										
A4 2.0 TFSI 16V Eng. BYK 1984ccm	06-08 125kw(170PS)										
A3 1.8 TFSI Eng. BYT 1798ccm	07→ 118kw(160PS)										
A4 2.0 TFSI 16V A5 2.0 TFSI 16V Eng. CAEA/CFKA 1984ccm	09→ 132kw(179PS)										
A4 2.0 TFSI 16V A5 2.0 TFSI 16V Eng. CAEB/CDNB/CDNC 1984ccm	08→ 132/155kw(179/211PS)										

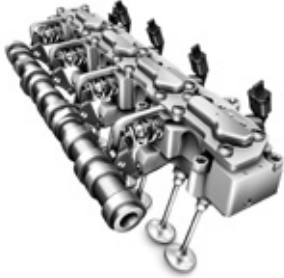
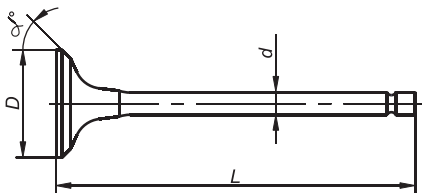
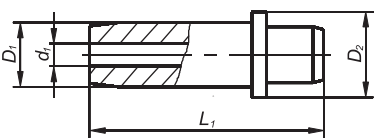
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI												
A6 2.0 TFSI 16V Eng. CDNB 1984ccm 132kw(179PS)	05→ 82,5 4	IN	V2027	06D 109 601M 079 109 601B	33,8x6x104	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F	
S3 2.0 TFSI 16V Eng. CDLA 1984ccm 195kw(260PS)	08→ EX	V1606	06D 109 611K 06D 109 611L 06D 109 611H	28x6x101,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F		
A3 2.0 TFSI 16V TT 2.0 TFSI 16V Eng. BWA	05-08 06-10											
A3 2.0 TFSI 16V TT 2.0 TFSI 16V Eng. BPY 1984ccm 147kw(200PS)	05-07 07-09											
A3 1.8 TFSI 16V Eng. BZB 1781ccm 118kw(160PS)	08-09											
A3 2.0 TFSI 16V Eng. CAWB	08-09											
A3 2.0 TFSI 16V Eng. CCZA	08→											
A3 2.0 TFSI 16V Eng. CBFA	08→											
TT 2.0 TFSI 16V Eng. CCTA 1984ccm 147kw(200PS)	09-10											
A3 1.8 TFSI 16V TT 1.8 TFSI 16V Eng. CDAA 1798ccm 118kw(160PS)	08→											
S3 2.0 TFSI 16V Eng. CDLC 1984ccm 188kw(256PS)	08→											

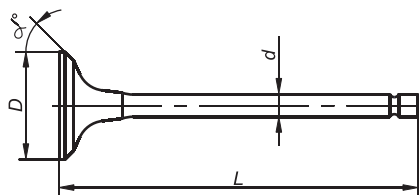
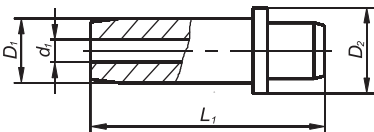
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
A6 3.0 TDI 24V Eng. CDYA/CDYB/CDYC 2984ccm 155/176kw(211/239PS)	08→	82,5 4	IN	V1609	059 109 601G	28,6x6x99,3	45 3	VV392 VV392.1		6x10,07x36 +0,05	B F
			EX	V1610	059 109 611H 059 109 611K 059 109 611M	26,8x6x99,2	45 3	VV392 VV392.1		6x10,07x36 +0,05	B F
A6 Allroad 3.0 TDI 24V 2984ccm 176kw(239PS)	08→	82,5 4	IN	V889	051 109 601B	32x7x95,5	45 3	VV160 VV160.1	051 103 419	7x12,07x35 +0,15	B F
			EX	V890	051 109 611B	27x7x98	45 3	VV160 VV160.1	051 103 419	7x12,07x35 +0,15	B F
90 2.0 16V 80, 100/Avant 2.0 16V 80 Coupe/Cabrio 2.0 16V Eng. ACE 1984ccm 103kw(137PS)	90→ 93→ 91→	82,5 4	IN	V889	051 109 601B	32x7x95,5	45 3	VV160 VV160.1	051 103 419	7x12,07x35 +0,15	B F
			EX	V890	051 109 611B	27x7x98	45 3	VV160 VV160.1	051 103 419	7x12,07x35 +0,15	B F
A6/Avant,Quattro 2.0 16V A6/Coupe,Cabriolet 2.0 16V Eng. ACE 1988ccm 101kw(137PS)	94→ 94→	84,5 V-8	IN	V1217	022 109 601E	31x6x102,1	45 3	VV512 VV512N		6x10,04x44 +0,05	B F
			EX	V1218	022 109 611C	27x6x136,4	45 3	VV513 VV513N		6x10,04x65 +0,05	B F
100 4.2 V8 32V S6 4.2 V8 32V Eng. AEC 4172ccm 213kw(290PS)	94→	84,5 V-8	IN	V1219	022 109 601F	31x6x136	45 3	VV513 VV513N		6x10,04x65 +0,05	B F
			EX	V1220	022 109 611B	27x6x102,5	45 3	VV512 VV512N		6x10,04x44 +0,05	B F
A8 6.0 48V Eng. AZC 5998ccm 309kw(420PS)	01-02	84 12	IN	V1217	022 109 601E	31x6x102,1	45 3	VV512 VV512N		6x10,04x44 +0,05	B F
			EX	V1218	022 109 611C	27x6x136,4	45 3	VV513 VV513N		6x10,04x65 +0,05	B F
A8 6.0i 48V Eng. BHT/BSB A8 6.0i 48V Eng. BTE 5998ccm 331kw(450PS)	04-10 05-10	84 12	IN	V1685	022 109 601G	33,2x6x102,4	45 3	VV512 VV512N		6x10,04x44 +0,05	B F
			EX	V1686	022 109 611N 03H 109 611D	30,2x6x102,3	45 3	VV512 VV512N		6x10,04x44 +0,05	B F
A3 3.2i 24V Eng. BDB A3 3.2i 24V Eng. BMJ TT 3.2i 24V Eng. BHE TT 3.2i 24V Eng. BFF A3 3.2i 24V Eng. BUB 3189ccm 184kw(250PS)	03-05 04→ 03-06 04-05 05-09 06-10	84 6	IN	V1687	022 109 601H	33,2x6x136,3	45 3	VV513 VV513N		6x10,04x65 +0,05	B F
			EX	V1688	022 109 611P 022 109 611M 022 109 611E	30,2x6x136,1	45 3	VV513 VV513N		6x10,04x65 +0,05	B F

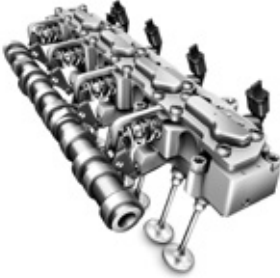
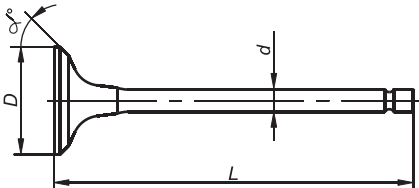
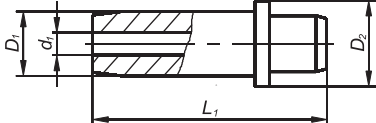
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS $d_1 \times D_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
A8 4.2 V8 32V Eng. ABZ 4112ccm 221kw(300PS) 94→	84,5 V-8	IN	V889	051 109 601B	32x7x95,5	45	3	VV160	051 103 419	7x12,07x35	B
		IN	V1973		32,7x7x95,2	45	3	VV160.1		+0,15	F
		EX	V890	051 109 611B	27x7x98	45	3	VV160 VV160.1	051 103 419	7x12,07x35 +0,15	B F
A8 3.7 32V Quattro Eng. AEW, AKJ 3697ccm 169kw(230PS) 97→	84,5 V8	IN	V1593	077 109 601K	32,7x6x94,6	45	3				
		EX	V1594	077 109 611D	27x6x97	45	3				
A6 Avant/Quattro 3.7 40V Eng. AQG 3697ccm 191kw(260PS) 97-05	84,5 V-8	IN	V1137	077 109 601Q	26,9x6x96,5	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
		EX	V1138	077 109 611K	29,9x6x95	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
A6 Avant/Quattro 4.2 40V Eng. ARS, ASG, AWN 4172ccm 220kw(299PS) 97-05											
A8 Quattro 4.2 Eng. AQF, AUW, AUX 4172ccm 228kw(310PS) 94-03											
A4 3.2 FSI 24V 05-09 A6 3.2 FSI 24V 04-08 A6 Allroad 3.2 FSI 24V Eng. AUK	84,5 6	IN	V1605	06D 109 601K 06D 109 601E 06D 109 601F	33,8x6x104	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
		EX	V1606	06D 109 611K 06D 109 611L	28x6x101,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
A4 3.2 FSI 24V 06-08 A6 3.2 FSI 24V 06-09 Eng. BKH 3123ccm 188kw(256PS)											
A4 3.2 FSI 24V 07→ A6 3.2 FSI 24V 09→ Eng. CALA 3197ccm 195kw(265PS)											
S4 3.0 09→ Eng. CAKA 2995ccm 245kw(333PS)											
A6 S6 Quattro →12 A7 S7 Quattro →14 Eng. CEUC, CTGE 3993ccm 309/331kw(420/450PS)	84,5 8										

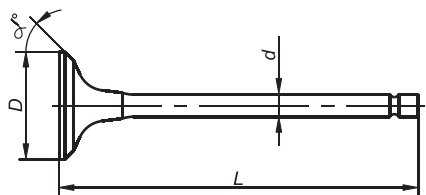
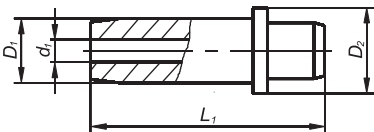
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI												
Q7 3.0 TDi 24V Eng. BHK 3597ccm 206kw(280PS)	06→	89	IN	V1685	022 109 601G	33,2x6x102,4	45	3	VV512		6x10,04x44	B
		6	IN	V1687	022 109 601H	33,2x6x136,3	45	3	VV512N		+0,05	F
			IN	V1687	022 109 601H	33,2x6x136,3	45	3	VV513		6x10,04x65	B
			EX	V1686	022 109 611N 03H 109 611D	30,2x6x102,3	45	3	VV513N		+0,05	F
			EX	V1688	022 109 611M 022 109 611P 022 109 611E	30,2x6x136,1	45	3	VV512 VV512N VV513 VV513N		6x10,04x44 +0,05 6x10,04x65 +0,05	B F B F
AUDI DIESEL												
80 D/LD/GLD 1.6 Eng. CR 1588ccm 40kw(54PS)	80→81	76,5	IN	V713 V713N1	068 109 601	34x8x104,8 +0,5S	45	1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
		4	EX	V714 V714N1	068 109 611	31x8x104,6 +0,5S	45	1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
A2 1.2TDI Eng. ANY 1191ccm 45kw(61PS)	01→05	76,5	IN	V1689	045 109 601	36x7x89,6	45	3	VV151 VV151N VV151.1	037 103 419B	8x13/12,07x36,5 +0,05 +0,15	B G
		3	EX	V1690	045 109 611	31,5x7x89,6	45	3	VV151 VV151N VV151.1	037 103 419B	8x13/12,07x36,5 +0,05 +0,15	B G
80 C/CL/GL 1.6 4000 1.6 Eng. CR/JK 1588ccm 40kw(54PS)	81→ 81→	76,5	IN	V541 V541N V541N1 V541N3 V541N4 V541N5	068 109 601C	34x8x104,8 +0,3S +0,5S +0,8S +1,5S +1,0S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
		4	EX	V542 V542N V542N1 V542N3 V542N4 V542N5	068 109 611C	31,2x8x104,6 +0,3S +0,5S +0,8S +1,5S +1,0S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G

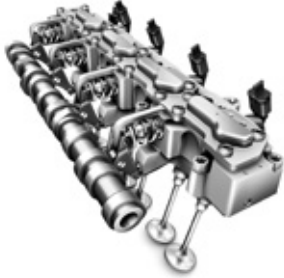
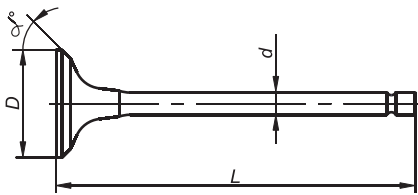
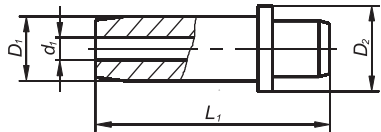
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI DIESEL												
80 CC/CD / Quattro 1.6 90 CC/CD 1.6 Eng. JK 1588ccm 40kw(54PS)	85→	76,5	IN	V543	068 109 601L	34x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
	87→	4		V543N		+0,3S			VV76.1		+0,05	G
				V543N1		+0,5S			VV76.2		+0,15	
				V543N3		+0,8S			VV76.3		+0,25	
				V543N4		+1,5S						
				V543N5		+1,0S						
			EX	V544	068 109 611L	31,2x8x95	45	3	VV80	049 103 419	8x12,06x42,5	B
				V544N		+0,3S			VV80.1		+0,05	F
				V544N1		+0,5S			VV80.2		+0,15	
				V544N3		+0,8S			VV80.3		+0,25	
80 CL/CD-Turbo 1.6 90/CL/CD Turbo 1.6 4000 Turbo 1.6 Eng. CY Turbo 1588ccm 52kw(70PS)	85→	76,5	IN	V541A	068 109 601D	34x8x104,8	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
	84→	4		V541N		+0,3S			VV76.1		+0,05	G
	81→			V541N1		+0,5S			VV76.2		+0,15	
				V541N3		+0,8S			VV76.3		+0,25	
				V541N4		+1,5S						
				V541N5		+1,0S						
			EX	V542A	068 109 611D	31,2x8x104,6	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
				V542N		+0,3S			VV76.1		+0,05	G
				V542N1		+0,5S			VV76.2		+0,15	
				V542N3		+0,8S			VV76.3		+0,25	
90 CC/CD-Turbo 1.6 80 CC/CD-Turbo 1.6 Eng. CY Turbo 1588ccm 52kw(70PS) 80/80 Quattro-Turbo 1.6 90 Turbo 1.6 80 Turbo 1.6 90 Turbo (Italy) 1.6 Eng. SB/RA Turbo 1588ccm 59kw(80PS)	85→	76,5	IN	V543A	068 109 601M	34x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
	85→	4			068 109 601N				VV76.1		+0,05	G
				V543N		+0,3S			VV76.2		+0,15	
				V543N1		+0,5S			VV76.3		+0,25	
				V543N3		+0,8S						
				V543N4		+1,5S						
				V543N5		+1,0S						
			EX	V544A	068 109 611M 069 109 611	31,2x8x95	45	3	VV80	049 103 419	8x12,06x42,5	B
				V544N		+0,3S			VV80.1		+0,05	F
				V544N1		+0,5S			VV80.2		+0,15	
			V544N3		+0,8S			VV80.3		+0,25		
			V544N4		+1,5S							
			V544N5		+1,0S							

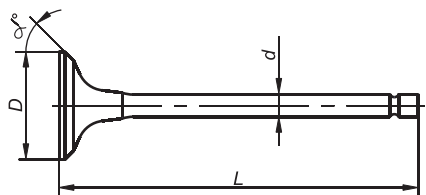
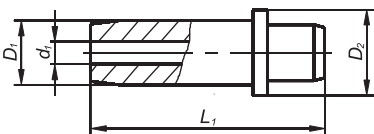
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
100 L5D/GL5D/CD5D 2.0 100 Avant 2.0 Eng. CN 1986ccm 52kw(70PS)	78-81 5	IN	V800	069 109 601	36x8x104,8	45	1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
		EX	V714 V714N1	068 109 611	31x8x104,6 +0,5S	45	1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
100 C/CL/GL/CD/ Avant 2.0 D 100 CC/CD/CS/ Avant 2.0 D Eng. CN 1986ccm 52kw(70PS)	81→ 82-84 5	IN	V756	069 109 601C 069 109 601D	36x8x104,9 +0,5S +1,0S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
		EX	V542 V542N V542N1 V542N3 V542N4 V542N5	068 109 611C 068 109 611D	31,2x8x104,6 +0,3S +0,5S +0,8S +1,5S +1,0S	45	3	VV80 VV80.1 VV80.2 VV80.3 VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	049 103 419 056 103 419A 049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B F B G B F
100 CC 2.0 100 Avant 2.0 Eng. CN 1986ccm 52kw(70PS)	85→ 86→ 5	IN	V697 V697N1 V697N3	069 109 601F	36x8x95,1 +0,5S +0,8S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
		EX	V544 V544N V544N1 V544N3 V544N4 V544N5	068 109 611L	31,2x8x95 +0,3S +0,5S +0,8S +1,5S +1,0S	45	3	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F

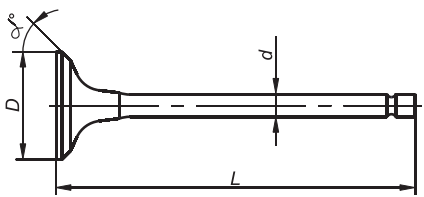
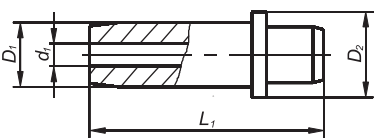
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
100 CC/CD-Turbo 2.0 100 Avant-Turbo 2.0 100/100 Avant-Turbo 2.0 Eng. NC 1986ccm 64/75kw(87/102PS)	85→ 86→ 88→	76,5 5	IN	V697A 069 109 601G 069 109 601H V697N1 V697N3	36x8x95,1 +0,5S +0,8S	45	3	VV76 056 103 419A VV76.1 VV76.2 VV76.3	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G	
			EX	V544A 068 109 611M 069 109 611 V544N V544N1 V544N3 V544N4 V544N5	31,2x8x95 +0,3S +0,5S +0,8S +1,5S +1,0S	45	3	VV80 049 103 419 VV80.1 VV80.2 VV80.3	8x12,06x42,5 +0,05 +0,15 +0,25	B F	
A2 1.2 TDI Eng. ANY Turbo 1191ccm 45kw(61PS)	01→	76,5 3	IN	V919 038 109 601B V919N1 V919N3	36x7x90 +0,5S +1,0S	45	3	VV151 037 103 419B VV151N VV151.1	7x13/12,07x36,5 +0,05 +0,15	B G	
A2 1.4 TDI Eng. AMF Turbo 1422ccm 55kw(75PS)	99→	79,5 3	EX	V920 038 109 611B V920N1 V920N3	31,5x7x90 +0,5S +1,0S	45	3	VV151 037 103 419B VV151N VV151.1	7x13/12,07x36,5 +0,05 +0,15	B G	
A3/A3 Quattro 1.9 TDI Eng. ATD, ASZ Turbo 1896ccm 74kw(100PS)	01→	79,5 4	EX	V1832 038 109 611F	31,5x7x89,5	45	3	VV151 037 103 419B VV151N VV151.1	7x13/12,07x36,5 +0,05 +0,15	B G	
A6 2.5 TDI A8 2.5 TDI Eng. AFB 2496ccm 110kw(150PS)	97-00	78,3 6	IN	V879* 059 109 601C 059 109 601B * Retainer s.e. 2,5 mm	27,1x6x100,5	45	3	VV272 VV272N VV272.1	6x10,07x42 +0,05 +0,15	B F	
A4 2.5 TDI A6 2.5 TDI A6 Allroad 2.5 TDI 24V A8 2.5 TDI Eng. AKE 2496ccm 132kw(179PS)	00-03 99-03 99-02 99-02		EX	V880* 059 109 611C 059 109 611B * Retainer s.e. 2,5 mm	24,1x6x100,5	45	3	VV272 VV272N VV272.1	6x10,07x42 +0,05 +0,15	B F	
A4 2.5 TDI / A6 2.5 TDI A8 2.5 TDI Eng. AKN 2496ccm 110kw(150PS)	98-01 97-02										
A4 2.5 TDI A6 2.5 TDI Eng. AYM 2496ccm 114kw(155PS)	00-02 01-02										
A4 2.5 TDI 24V A6 2.5 TDI 24V Eng. BFC 2496ccm 120kw(163PS)	03→ 02-03										

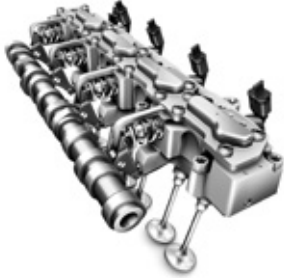
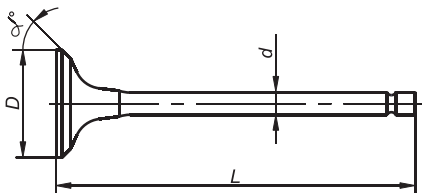
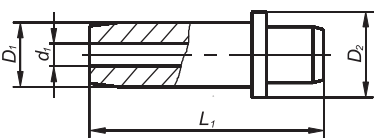
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
A4 2.5 TDI 24V 03-05 Eng. BCZ 2496ccm 120kw(163PS)	78,3 6	IN	V1277* * Retainer	059 109 601F s.e. 8,5 mm	27,1x6x100,6	45	3	VV272 VV272N VV272.1 VV392 VV392.1		6x10,07x42 +0,05 +0,15 6x10,07x36 +0,05	B F B F
A4 2.5 TDI 24V 03-04 A6 2.5 TDI 24V 03-05 A6 Allroad 2.5 TDI 24V 03-05 Eng. BAU 2496ccm 132kw(179PS)		EX	V1278* * Retainer	059 109 611G s.e. 8,5 mm	24,1x6x100,6	45	3	VV272 VV272.1 VV392 VV392.1		6x10,07x42 +0,15 6x10,07x36 +0,05	B F B F
A4 2.5 TDI 24V 03-04 A6 2.5 TDI 24V 03-05 Eng. BDH 2496ccm 132kw(179PS)											
A4 2.5 TDI 24V 03-06 A6 2.5 TDI 24V 03-05 Eng. BDG 2496ccm 120kw(163PS)											
Audi A8 Quattro 3.3TDI 32V 00→ Eng. AKF Turbo 3328ccm 165kw(224PS)	78,3 V8	IN	V1275* * Retainer	057 109 601 s.e. 2,4 mm	27,1x6x99	45	3	VV272 VV272N VV272.1 VV215		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G
		EX	V1276* * Retainer	057 109 611 s.e. 2,4 mm	24,1x6x99,1	45	3	VV272 VV272N VV272.1 VV216		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G
A1 1.6 TDI 10→ Eng. CAYB/CAYC A3 1.6 TDI 09→ Eng. CAYA/CAYB 1598ccm	79,5 4	IN	V2029	03L 109 601A	26,6x6x99,3	45	3				
		EX	V2030	03L 109 611A	24,5x6x99,1	45	3				

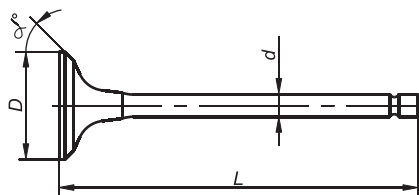
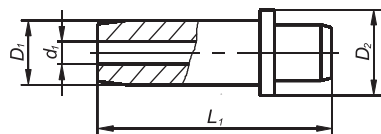
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
A4/A4 Quattro 1.9 TDI 01→ A6 1.9 TDI 01→ Eng. AWW/AVF/AJM/ATJ/AVB/AWZ Turbo 1896ccm 74/85/96kw(101/116/130PS)	79,5 4	IN	V919 V919N1 V919N3	038 109 601B	36x7x90 +0,5S +1,0S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
		EX	V920 V920N1 V920N3	038 109 611B	31,5x7x90 +0,5S +1,0S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
		EX	V1832	038 109 611F	31,5x7x89,5	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
A2 1.4 TDI 03→ Eng. AMF, AXR 1422ccm 55kw(75PS)	79,5 4	IN	V1663 V1663N1	038 109 601E	36x7x89,5 +0,5S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
		EX	V1664 V1664N1	038 109 611E	31,5x7x89 +0,5S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
80 1.9D 89→ Eng. 1Y 1896ccm 47kw(64PS)	79,5 4	IN	V697 V697N1 V697N3	069 109 601F	36x8x95,1 +0,5S +0,8S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
		EX	V698 V698N1 V698N3	074 109 611	31,2x8x95,1 +0,5S +0,8S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
100 2.4 D 89→ Eng. 3D 2370ccm 60kw(82PS)	79,5 5										
100/Avant 2.4 D 93→ Eng. AAS 2370ccm 60kw(82PS)											
80 Turbo Diesel 1.9 91→ Eng. AAZ Turbo 1896ccm 55kw(75PS)	79,5 4	IN	V697A V697N1 V697N3	069 109 601H 069 109 601G	36x8x95,1 +0,5S +0,8S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
		EX	V698 V698N1 V698N3	074 109 611	31,2x8x95,1 +0,5S +0,8S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G

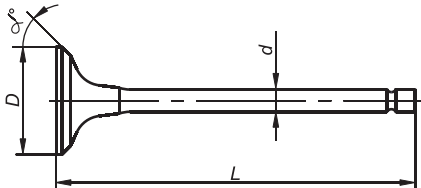
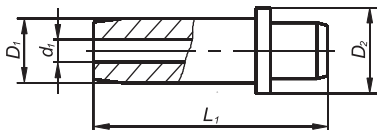
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
80 1.9D Eng. 1Y 1896ccm 47kw(64PS)	98→	79,5 4	IN	V805 V805N1	028 109 601B	36x7x95,5 +0,5S	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			EX	V806 V806N1	028 109 611E	31,1x7x95,6 +0,5S	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
A4 II/A4 Avant 1.9 TDI Quattro/ Avant, Quattro/Cabrio Eng. AHU/AFN/AVG Turbo 1896ccm 55/66/81kw(75/90/110PS)	96-97	79,5 4	IN	V811 V811N1	028 109 601D	36x7x96,9 +0,5S	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			EX	V812 V812N1	028 109 611G	31,4x7x96,9 +0,5S	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
A4 II/Avant 1.9 TDI Eng. AFF Turbo 1896ccm 55kw(75PS)	96-98										
A6 1.9 TDI Eng. AFN/AHU Turbo 1896ccm 66/81kw(90/110PS)	97→										
A4 II/A4 Avant 1.9 TDI A6 1.9 TDI Eng. AHH, AHU, AJM, AVG Turbo Cabriolet 1.9 TDI Eng. AHU Turbo A3 1.9 TDI Eng. AGR Turbo A3 1.9 TDI Eng. ALH Turbo 1896ccm 66kw(90PS) A3 1.9 TDI Eng. ASV/AHF Turbo A3 1.9 TDI Eng. AHF Turbo 1896ccm 81kw(110PS)	97→ 96-01 96→ 96-98 97-01 00-01 97-98										

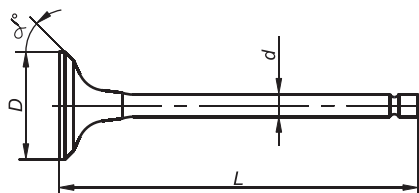
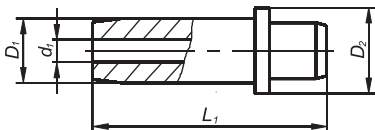
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI DIESEL												
80 1.9 TDi A3 1.9 TDi A4/A4 Avant 1.9 TDi A6/A6 Cabrio 1.9 TDi Eng. 1Z Turbo 1896ccm	91→ 94-97 94-97 95→ 66kw(90PS)	79,5 4 EX	IN V822	V821 V821N1 028 109 601H 046 109 611F 046 109 611C V822N1	36x8x96,8 +0,5S 31,5x8x96,9 +0,5S	45 45	3 3	VV76 VV76.1 VV76.2 VV76.3 VV76 VV76.1 VV76.2 VV76.3	056 103 419A 056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25	B G B G B G	
100 Avant 2.4D Eng. AAS 2370ccm	91→ 60kw(81PS)	79,5 5	IN	V823	046 109 601G 046 109 601J	36x8x96,9	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
100 Avant 2.5TD Eng. 1T Turbo 2460ccm	90→ 88kw(120PS)	81 5	EX	V822	046 109 611F 046 109 611C	31,5x8x96,9 +0,5S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
100 Avant 2.5TD Eng. AAT/ABP Turbo 2460ccm	91→ 85kw(115PS)	EX	V698	V698N1 V698N3	074 109 611	31,2x8x95,1 +0,5S +0,8S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
100 Avant 2.5 TDI A6/A6 Quattro 2.5 TDI A6/Avant 2.5 TDI Eng. AAT/AEL/AEM/ABP Turbo 2460ccm	91→ 94→ 94-96 85/103kw(115/140PS)	81 5	IN	V823	046 109 601G 046 109 601J	36x8x96,9	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
		EX	V822	V822N1	046 109 611F 046 109 611C	31,5x8x96,9 +0,5S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G

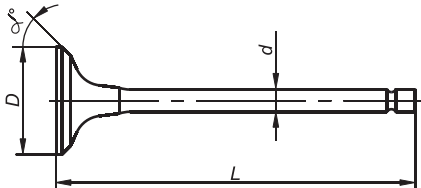
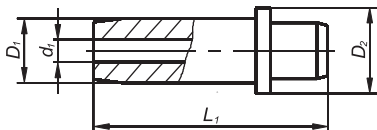
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
A3 2.0 TDi PD 16V Eng. AZV, BKD, BMN A4 2.0 TDi PD 16V Eng. BRD, BNA, BRF, BRE, BLB, BVG, CAGB A6 2.0 TDi PD 16V Eng. BLB, BRE, BNA, BRF, CAGB 1968ccm 100/103/125kw	04→ 06→ 04→	81 4	IN	V1607	03G 109 601B	29,2x6x87,8	45	3	VV272 VV272N VV272.1	6x10,07x42 +0,05 +0,15	B F
			IN	V1491	03G 109 601A	29,4x6x88,5	45	3	VV215	6x11,5/10,07x41,5	B G
			EX	V1608	03G 109 611D	25,4x6x87,5	45	3	VV272 VV272N VV272.1	6x10,07x42 +0,05 +0,15	B F
			EX	V1492	03G 109 611B	25,5x6x88,2	45	3	VV216	6x11,5/10,07x41,5	B G
A4 2.0 TDi 16V 07→ A4 Allroad / A5 / Q5 2.0 TDi 16V 09→ Eng. CAGA 1968ccm 105kw(143PS) A4 2.0 TDi 16V 07→ A4 Allroad 2.0 TDi 16V 09→ A6 2.0 TDi 16V 08→ A5 2.0 TDi 16V 09→ Eng. CAG-B 1968ccm 100kw(136PS) A3 2.0 TDi 16V 10→ Eng. CFG-B 1968ccm 125kw(170PS) A3 2.0 TDi 16V 10→ Eng. CIJA 1968ccm 88kw(120PS) A4 2.0 TDi 16V 08→ Eng. CAG-C 1968ccm 88kw(120PS) A4/A5/Q5 2.0 TDi 16V 08→ A4 Allroad 2.0 TDi 16V 09→ Eng. CAHA 1968ccm 125kw(170PS)	07→ 09→ 07→ 09→ 08→ 09→ 10→ 10→ 08→ 08→ 09→	81 4	IN	V1693	03L 109 601	28,1x6x99,3	45	3	VV272 VV272N VV272.1	6x10,07x42 +0,05 +0,15	B F
			EX	V1694	03L 109 611 03L 109 611S	26x6x99,1	45	3	VV272 VV272N VV272.1	6x10,07x42 +0,05 +0,15	B F

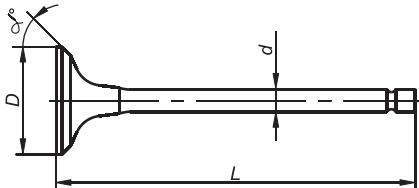
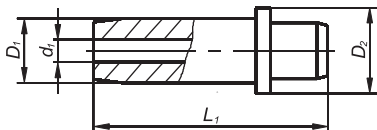
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
A4/A5/Q5 2.0 TDi 16V 08→ A4 Allroad/A6 2.0 TDi 16V 09→ Eng. CAHB 1968ccm 120kw(163PS)	81	IN 4	V1693	03L 109 601	28,1x6x99,3	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
			V1694	03L 109 611 03L 109 611S	26x6x99,1	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
A3 2.0 TDi 16V 08→ Eng. CBAA/CBAB 1968ccm 100/103kw(136/140PS)	81	IN 4	V1691	038 109 601F	36x7x88,8	40	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V1692	038 109 611G	31,5x7x88,4	40	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
A3 2.0 TDi 16V 08→ Eng. CBBB 1968ccm 125kw(170PS)	81	IN 4	V1691	038 109 601F	36x7x88,8	40	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V1692	038 109 611G	31,5x7x88,4	40	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
A3 2.0 TDi 16V 09→ Eng. CFFA/CFFB 1968ccm 100/103kw(136/140PS)	81	IN 4	V1691	038 109 601F	36x7x88,8	40	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V1692	038 109 611G	31,5x7x88,4	40	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
A5 2.0 TDi 16V 10→ Eng. CHEA 1968ccm 105kw(143PS)	81	IN 4	V1691	038 109 601F	36x7x88,8	40	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V1692	038 109 611G	31,5x7x88,4	40	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
A4 2.0TDi 08→ Eng. BPW 1996ccm 103kw(140PS)	81	IN 4	V1691	038 109 601F	36x7x88,8	40	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V1692	038 109 611G	31,5x7x88,4	40	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V1691	038 109 601F	36x7x88,8	40	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V1692	038 109 611G	31,5x7x88,4	40	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
A6 Allroad 3.0 TDi 24V A4 3.0 TDi 24V 06-09 A8 3.0 TDi 24V 04-10 Eng. ASB 2967ccm 171kw(233PS)	83	IN EX	V1609	059 109 601G	28,6x6x99,3	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F
			V1610	059 109 611H 059 109 611K 059 109 611M	26,8x6x99,2	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F
			V1609	059 109 601G	28,6x6x99,3	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F
			V1610	059 109 611H 059 109 611K 059 109 611M	26,8x6x99,2	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F
A6 3.0 TDi 24V 04-06 Eng. BMK 2967ccm 165kw(224PS)	83	IN EX	V1609	059 109 601G	28,6x6x99,3	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F
			V1610	059 109 611H 059 109 611K 059 109 611M	26,8x6x99,2	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
A6 3.0 TDi 24V 04-08	83	IN	V1609	059 109 601G	28,6x6x99,3	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F
A6 Allroad 3.0 TDi 24V 03-10											
A3 3.0 TDi 24V Eng. BNG 2967ccm 155kw(211PS)		EX	V1610	059 109 611H 059 109 611K 059 109 611M	26,8x6x99,2	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F
A4 3.0 TDi 24V Eng. BKN 2967ccm 150kw(204PS)	04-09										
A4 2.7 TDi 24V 06-09											
A6 2.7 TDi 24V 04-08											
A6 Allroad Eng. BPP 2698ccm 132kw(179PS)	04-08										
A4/A6/A6 Allroad 2.7 TDi 24V Eng. BSG 2698ccm 120kw(163PS)	05-08										
Q7 6.0 TDi Eng. BTR 4134ccm 240kw(326PS)	07-09										
A4/A5 2.7 TDi 24V Eng. CAMA/CAMB 2698ccm 120/140kw(163/190PS)	07-08										
A6/A6 Allroad 2.7 TDi 24V Eng. CANA, CANB, CANC, CAND 2689/2698ccm 120/140kw(163/190PS)	08→										
Q7 3.0 TDi 24V Eng. CASA, CATA 2967ccm 165/176kw(224/240PS)	09→										
Q7 3.0 TDi Eng. CASB 2967ccm 155kw(211PS)	07→										
A4/A5/Q5/Q7 3.0 TDi 24V A4 Allroad 3.0 TDi 24V Eng. CCMA/CCWA/CCWB 2967ccm 155/176kw(211/240PS)	08→										

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI DIESEL												
A4/A5 2.7 TDi 24V Eng. CEKA 2698ccm 140kw(190PS)	08→	83	IN	V1609	059 109 601G	28,6x6x99,3	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F
Q7 3.0 TDi 24V Eng. BUN 2967ccm 155kw(211PS)	07→		EX	V1610	059 109 611H 059 109 611K 059 109 611M	26,8x6x99,2	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F
A4/A5 3.0 TDi 24V Eng. CAPA 2967ccm 176kw(240PS)	07→08											
A4/A5 2.7 TDi 24V Eng. CGKB 2698ccm 120kw(163PS)	08→											
A4 3.0 TDi 24V Eng. CCLA 2995ccm 176kw(239PS)	09→	84,5 6	IN	V1693	03L 109 601	28,1x6x99,3	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
			EX	V1694	03L 109 611 03L 109 611S	26x6x99,1	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
A8 4.2 Quattro 40V Eng. AQF, AUW, AUX, ASE 4172ccm 228kw(310PS)	94→02	84,5 V8	IN	V1579* * Retainer	057 109 601B s.e. 8,3 mm	27,1x6x99	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
			EX	V1580* * Retainer	057 109 611E s.e. 8,3 mm	24,1x6x99	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
AUSTIN – LEYLAND												
Metro 1.1 C/L/S Eng. K Series 1143ccm 44kw(59PS)	89→	75 4	IN	V1431	WAM4002	33,6x7x90,5	45	1	VV334 VV334N	WAM4227	7x12,03x32 +0,05	G A
Metro 1.4 SL/GS/GTa Eng. K Series 1396ccm 56kw(76PS)	89→		EX	V1432	WAM4003	31,2x7x91	45	1	VV334 VV334N	WAM4227	7x12,03x32 +0,05	G A

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUSTIN – LEYLAND												
Metro 1.4 Gti 16V (Twin Cam) Eng. K Series	90→	75	IN	V1329	LGH10029 GH10029 GH061586 WAM1655	27,7x6x89,6	45	1	VV269 VV269N	WAM1452	6x9,85x30 +0,05	G A
		4	EX	V1330	LGH10028 GH10028 GH061587 WAM4127	24,2x6x90	45	1	VV269 VV269N	WAM1452	6x9,85x30 +0,05	G A
AUSTIN – LEYLAND DIESEL												
Maestro Clubman DLX 2.0D Maestro Van 500/700 ati 2.0D Eng. Prima 65 1994ccm 46kw(63PS)	86–92	84,4	IN	V1489	LGH10036 BDU1399	37,2x7,4x93,8	45	1	VV366 VV366N	CAM5821	7,4x12,06x39 +0,05	G A1
		4	EX	V1490	LGH10037 BDU1400	33,6x7,4x93,8	45	1	VV366 VV366N	CAM5821	7,4x12,06x39 +0,05	G A1
Montego DL/DSL/2.0TD 80 TD 2.0TD Eng. Prima 80T Turbo 1994ccm 60kw(82PS)	88–92											
Serpa 200/230/250/255/280 Eng. Prima 65 1994ccm 46kw(63PS)												
AUTOBIANCHI												
A112E Eng. 100GL6.000 903ccm	69–86	65	IN	V257	4 265 695	29x7x95,3	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
		4										
A112 Elegant Eng. A112B1.000 903ccm		67,2	EX	V258	4 377 979	26x7x95,7	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
		4										

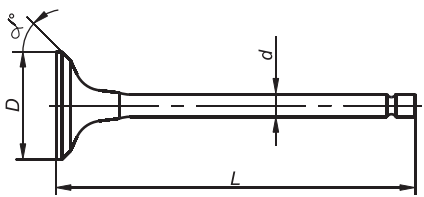
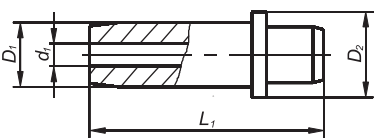
	CYL. Ø Nº	IN EX											
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE		
1	2	3	4	5	6	7	8	9	10	11	12		
AUTOBIANCHI													
A112 Elegant – Elite A122 Junior – LX Eng. A112A–A112B1 965ccm 77–85	67,2 4	IN	V257	5959564	29x7x95,3	45	1	VV70	4 265 699	7x13,01x42,5	G		
								VV70.1	4 372 331	+0,05	F		
								VV70.2	4 372 332	+0,10			
								VV70.3	4 265 700	+0,20			
								VV70.4	4 372 333	+0,25			
		EX	V258	5959563 5973130	26x7x95,7	45	1	VV70	4 265 699	7x13,01x42,5	G		
								VV70.1	4 372 331	+0,05	F		
								VV70.2	4 372 332	+0,10			
								VV70.3	4 265 700	+0,20			
								VV70.4	4 372 333	+0,25			
Y10 – Y10 4WD Y10 LX Eng. 156A2.000 Fire 999ccm 85→	70 4	IN	V731	7666228 5942727	30,4x7x97,1	45	1	VV70	4 265 699	7x13,01x42,5	G		
								VV70.1	4 372 331	+0,05	F		
								VV70.2	4 372 332	+0,10			
								VV70.3	4 265 700	+0,20			
								VV70.4	4 372 333	+0,25			
		EX	V732	7666227 5942728	27,5x7x97,2	45	1	VV70	4 265 699	7x13,01x42,5	G		
								VV70.1	4 372 331	+0,05	F		
								VV70.2	4 372 332	+0,10			
								VV70.3	4 265 700	+0,20			
								VV70.4	4 372 333	+0,25			
Y10ie – Y10 4WDie Y10ie LX Eng. 160A3.000 Fire 1108ccm 89→	70 4	EX	V732	7666227 5942728	27,5x7x97,2	45	1	VV70	4 265 699	7x13,01x42,5	G		
								VV70.1	4 372 331	+0,05	F		
								VV70.2	4 372 332	+0,10			
								VV70.3	4 265 700	+0,20			
								VV70.4	4 372 333	+0,25			
		AVIA											
		Avia A-30 Avia	102 4	IN	V491	360–020243	45,7x10x140,7	45	1				
				EX	V492	362–020261	37x10x140,2	45	1				
		BEDFORD											
		Rascal Eng. F10A Suzuki 970ccm	65,5 4	IN	V1307	12911–82000	36x7x115,5	45	1	VV418	11116–73010	7x12,06x48	G
VV418N										+0,05	P		
EX	V1308			12915–82000	30x7x114,5	45	1	VV418	11116–73010	7x12,06x48	G		
								VV418N		0,05	P		
Astra 1.3L Van Eng. 1.3N–S 1297ccm 44/55kw(50/63PS)	75 4	IN	V357	642 763	33x7x105	45	1	VV119	90 108 699	7x11,03x45,5	G		
								VV119N		+0,05	A1		
		EX	V358	642 890	29x7x105	45	1	VV119	90 108 699	7x11,03x45,5	G		
								VV119N		+0,05	A1		

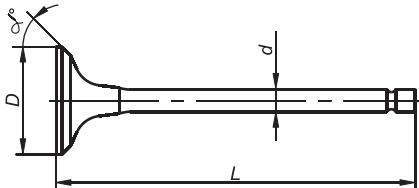
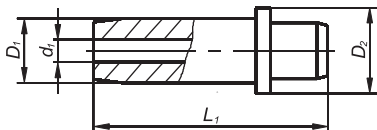
	CYL. Ø N _o	IN EX									
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
BEDFORD											
Astra L Van Eng. 1.6SV 1598ccm 55kw(75PS)	83→ 79 4	IN EX	V859 V860	642 679 642 854	38x7x101,1 31x7x101,1	46 46	1 1	VV119 VV119N VV119 VV119N	90 108 699 90 108 699	7x11,03x45,5 +0,05 7x11,03x45,5 +0,05	G A1 G A1
Astra 1.6L Van Eng. 1.6N-S 1598ccm 66kw(90PS)	83-86 80 4	IN EX	V817 V818	642 635 642 789	35x8x106,1 32x8x106,1	46 46	1 1	VV144 VV144	 	8x12,01x43 8x12,01x43	G A1 G A1
CF2 Van Eng. 2.0N-S 1979ccm 74kw(100PS)	84-87 95 4	IN EX	V609 V609.1 V609.2 V245 V245.1 V245.2	642 750 642 873	42x9x123 +0,075d +0,15d 37x9x123,7 +0,075d +0,15d	46 46	1 11	 	 	 	
BEDFORD DIESEL											
Astra 1.6 Van Eng. 1.6D/DA 1598ccm 40kw(54PS)	83→ 80 4	IN EX	V695 V696	642 651 642 818	36x8x123,2 32x8x123,2	46 46	1 1	VV120 VV120.1 VV120N VV120 VV120.1 VV120N	 	8x12,01x50 +0,05 +0,2 8x12,01x50 +0,05 +0,2	G A1 G A1
BELAZ											
6DM-21A		IN EX	V507 V508	0330 05 060 5 0330 05 070 5	71,9x15,9x236 67,9x15,9x236	60 45	19 19	 	 	 	
BÜSSING											
U10, S10 812/818 9842ccm 110kw(150PS)	60-72 118 6	IN EX	V483 V484	88 04101 0213 88 04101 0212	53x11x177,8 46x11x177,8	45 45	15 15	VV16 VV15	ŠM 07 01 014 ŠM 07 01 015	11x18,04x96 11x18,04x91	G F12 G F1

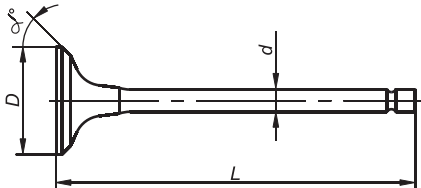
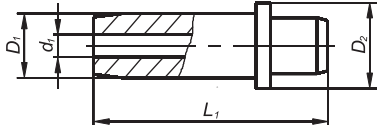
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS $d_1 \times D_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
BÜSSING											
U12D, S12D →79 712/714 12316ccm 177kw(240PS)	132 6	IN	V485	88 04101 005	60,5x12x186,5	45	15	VV28	712 901 21 00 06 0102 0118	12x20,04x88	G F1
		EX	V486	88 04101 002	50x13x186,5	45	15	VV29	712 901 15 00 06 0102 0119	13x20,04x88	G F
U12DA, S12DA →79 12316ccm 206/236kw(280/320PS)											
BMW											
114-116-118 1.6i 16V 11→ Eng. N13B16-F20 1598ccm 75/130kw(102/177PS)	77 4	IN	V2031	1134 7 585 901	29,7x5x95,1	45	3	VV519 VV519N		5x9,03x41 +0,05	B A
		EX	V1674	1134 7 547 187	26x5x110,1	45	3	VV520 VV520N		5x9,03x44,5 +0,05	B A
Mini One 1,4 07→ 1397ccm	77 4	IN	V1701	1134 7 533 884	30x5x97	45	3	VV519 VV519N		5x9,03x41 +0,05	B A
		EX	V1702	1134 7 533 885	25,1x5x110,8	45	3	VV520 VV520N		5x9,03x44,5 +0,05	B A
Mini One 1,6 16V 01→ Mini Cooper 1,6 16V 1596ccm 66/85kw(90/115PS)	77 4	IN	V1705	1134 7 485 585	30,3x6x109,5	45	3	VV526 VV526N		6x11,06x42 +0,05	G A
		EX	V1706	1134 7 829 943	23,3x6x118,3	45	3	VV526 VV526N		6x11,06x42 +0,05	G A
320i 2.0i 87-92 Eng. M50B20 Mod E30 320i 24V 2.0i 92 320i Coupe 24V 2.0i 92 Eng. M50B20 Mod E36 520i 24V 2.0i 90-92 520i Touring 24V 2.0i 90-92 Eng. M50B20 Mod E34 1991ccm 110kw(150PS)	80 6	IN	V399	1134 1 722 910 1134 1 722 896	29,9x7x107,7	45	3	VV188 VV188.1 VV188.2 VV188.3 VV188.4	1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F
		EX	V400	1134 1 722 911 1134 1 722 897	26,9x7x106,8	45	3	VV188 VV188.1 VV188.2 VV188.3 VV188.4	1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
BMW											
320i, Coupe, Cabrio, Touring 2.0i 24V 92→ Eng. M50B20 Mod E36 320i, Coupe, Cabrio 2.0i 24V 98→ Eng. M52B20 Mod E46 520i, Touring 2.0i 24V 92→ Eng. M50B20 Mod E34 520i 2.0i 24V 95→ Eng. M52B20C Mod E39 Z3 2.0i 24V 99-00 Eng. M52B20 Mod E36 1991ccm 110kw(150PS)	80 6	IN	V1103	1134 1 738 220 1134 1 738 214	29,9x6x107	45	3	VV202 VV202.1 VV202.2 VV202.3	1112 1 735 534	6x12,56x43,5 +0,05 +0,10 +0,20	B F
320i, 520i 2.0 81→ Eng. M20B20K 1990ccm 92kw(125PS)	80 6	EX	V1104	1134 1 738 221 1134 1 738 215	26,9x6x106,1	45	3	VV202 VV202.1 VV202.2 VV202.3	1112 1 735 534	6x12,56x43,5 +0,05 +0,10 +0,20	B F
320/6, 520/6 2.0 77-82 Eng. M20B20V 1990ccm 90kw(122PS)	80 6	IN	V1215	1134 1 267 721 1134 1 267 687	39,9x7x102,5	45	3	VV161 VV161.1 VV161.2 VV161.3 VV161.4 VV161.5	1112 1 280 523	7x13,05x45 +0,05 +0,10 +0,20 +0,30 +0,35	B F
320i, 520i 2.0 81→ Eng. M20B20K 1990ccm 92kw(125PS)	80 6	EX	V1216	1134 1 267 722 1134 1 267 688	33,9x7x102,5	45	3	VV161 VV161.1 VV161.2 VV161.3 VV161.4 VV161.5	1112 1 280 523	7x13,05x45 +0,05 +0,10 +0,20 +0,30 +0,35	B F
320i 2.0 83→ Eng. M20B20L 1990ccm 95kw(129PS)	80 6	EX	V1216	1134 1 267 722 1134 1 267 688	33,9x7x102,5	45	3	VV161 VV161.1 VV161.2 VV161.3 VV161.4 VV161.5	1112 1 280 523	7x13,05x45 +0,05 +0,10 +0,20 +0,30 +0,35	B F
323i 2.3 77-82 Eng. M20B23K 2316ccm 105kw(143PS)	80 6	IN	V1215	1134 1 267 721 1134 1 267 687	39,9x7x102,5	45	3	VV161 VV161.1 VV161.2 VV161.3 VV161.4 VV161.5	1112 1 280 523	7x13,05x45 +0,05 +0,10 +0,20 +0,30 +0,35	B F
323i 2.3 83→ Eng. M20B23L 2316ccm 110kw(150PS)	80 6	EX	V1216	1134 1 267 722 1134 1 267 688	33,9x7x102,5	45	3	VV161 VV161.1 VV161.2 VV161.3 VV161.4 VV161.5	1112 1 280 523	7x13,05x45 +0,05 +0,10 +0,20 +0,30 +0,35	B F

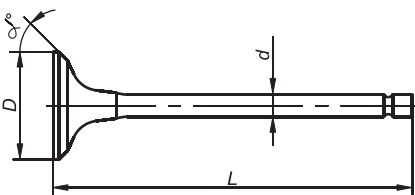
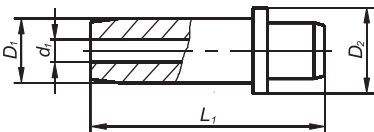
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
BMW											
118i 2.0 16V 120i 2.0 16V 318i 2.0 16V Eng. N46 B20 TU2 UL	07→ 07-11 07-08	84 4	IN	V1955	1134 7 548 280	31,4x6x106,7	45 3	VV577 VV577N VV577N1		6x10,04x42 +0,03 +0,05	B A
120i 2.0 16V 320i 2.0 16V Eng. N46 B20 TU2 OL 1995ccm 100/110-115kw(136/150-156PS)	07→ 07-10		EX	V1708	1134 7 548 281 1134 7 553 620 1134 7 553 776 1134 7 573 840 1134 7 573 841	28x6x114,6	45 3	VV524 VV524N		6x10,04x48 +0,05	B A
118i 2.0 16V			IN					VV577 VV577N VV577N1		6x10,04x42 +0,03 +0,05	B A
335i 3.0 Turbo 24V Eng. N54 B30 B	07-10	84 6	IN	V1707	1134 7 553 775	31,4x5x106,6	45 3	VV523 VV523N		5x10,04x42 +0,05	B A
135i 3.0 24V 2979ccm	07→ 225kw(306PS)		EX	V1708	1134 7 548 281 1134 7 553 620 1134 7 553 776 1134 7 573 840 1134 7 573 841	28x6x114,6	45 3	VV524 VV524N		6x10,04x48 +0,05	B A
125i 2.0 16V 320i 2.0 16V 320Xi 2.0 16V	12→	84 4	IN	V2033	1134 7 583 777 1134 7 583 779	32x5x105	45 3	VV523 VV523N		5x10,04x42 +0,05	B A
328i-ix 2.0 16V 520i 2.0 16V 528i-ix 2.0 16V X116i 2.0 16V X120i 2.0 16V X128i 2.0 16V X320i 2.0 16V X328i 2.0 16V Z418i 2.0 16V Z420i 2.0 16V Z428i 2.0 16V Eng. N20-N20B20 1997ccm	11→ 10→		EX	V2034	1134 7 598 273	28x6x112,8	45 3	VV524 VV524N		6x10,04x48 +0,05	B A

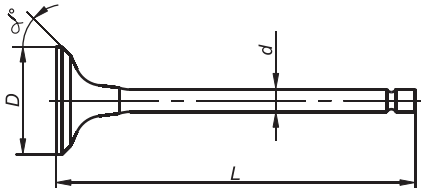
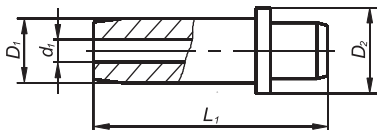
											
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS $d_1 \times d_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
BMW											
135i 3.0 24V	09→	84	IN	V2033	1134 7 583 777	32x5x105	45 3	VV523		5x10,04x42	B
135i 3.0 24V	12→	6			1134 7 583 779			VV523N		+0,05	A
335i 3.0 24V	09→										
335ix 3.0 24V	10→		EX	V2034	1134 7 598 273	28x6x112,8	45 3	VV524		6x10,04x48	B
535i 3.0 24V	09→							VV524N		+0,05	A
535ix 3.0 24V	10→										
640i-ix 3.0 24V	11→										
740i 3.0 24V	11→										
X3 35iX 3.0 24V	10→										
X5/X6 35i 3.0 24V	09→										
X5/X6 35i 3.0 24V											
Eng. N55-N55B30											
2979ccm											
			IN	V2217		35x5x112,1	45 3				
			EX	V2218		30x5x113,1	45 3				
318i/ti 1.8 16V	01→	84	IN	V1585	1134 1 440 304	32x6x100	45 3	VV518		6x10,04x39	B
Eng. N42B18, N46B18A		4						VV518N		+0,05	A
1796ccm	85kw(115PS)										
			EX	V1586	1134 1 707 519	29x6x100,1	45 3	VV518		6x10,04x39	B
118i 2.0 16V	04→							VV518N		+0,05	A
120i 2.0 16V	03→										
318i/ti/Ci 2.0 16V	01→										
320i 2.0 16V	07→										
Eng. N42B20A, N46B20B											
1995ccm	105/110kw(143/150PS)										
116i, 316i 1.6	03→	84	IN	V1681	1134 1 435 461	35x6x100	45 3	VV518		6x10,04x39	B
Eng. N45B16A		4			1134 7 503 737			VV518N		+0,05	A
1596ccm											
			EX	V1586	1134 7 707 519	29x6x100,1	45 3	VV518		6x10,04x39	B
X5 4.4i 32V E53	03-06				1134 7 503 738			VV518N		+0,05	A
545i 4.4i 32V E60	03-05										
645i 4.4i 32V E64	04-05										
745i 4.4i 32V E65	01-05										
Eng. N62B44											
4398ccm	235/245kw(320/333PS)										

												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
BMW												
325i 2.5 24V 325ti 2.5 24V 525i 2.5 24V X3 2,5i 2.5 24V Z4 2,5i 2.5 24V Eng. M54 B25 2494ccm	00→05 01→ 00→ 04→ 03→	84 6	IN EX	V1703 V1704	1134 7 593 915 1134 7 553 771 1134 7 553 772	34,2x5x104,5 29x6x110,6	45 45	3 3	VV523 VV523N VV524 VV524N	 5x10,04x42 +0,05 6x10,04x48 +0,05	B A B A	
330i 3.0 24V 530i 3.0 24V 730i Li 3.0 24V X5 3.0i 24V Z3 3.0 24V Eng. M54 B30 2979ccm	00→ 03→ 03→	84 6										
130i 325i/325xi/330i 3.0 24V 525i/525xi/530i/630i 3.0 24V 730i-Li 3.0 24V X5 3.0i 24V Z4 3.0i 24V Eng. N52 B30/N52 B30A Eng. N53 B30 OL/N52 B30 UL 2996ccm 200/160kw(272/218PS)	05→ 07→ 07→ 05→ 07→ 09→	85 6										
1502, 1600, 1602 Cabr. 1.6 315 Cabriolet 1.6 Eng. 114/116 1600 GT/Ti, 1602 Ti 1.6i 316 1.6 Eng. M10B16 1574ccm 66/78kw(90/106PS)	64→77 68→75 65→76 75→80	84 4	IN EX	V1317 V1318	1134 1 251 879 1134 1 251 498	41,9x8x103,8 34,9x8x104,3	45 45	3 3	VV191 VV191.1 VV191.2 VV191.3 VV191.4 VV191 VV191.1 VV191.2 VV191.3 VV191.4	1112 1 263 642 1112 1 266 760 1112 1 266 761 1112 1 263 642 1112 1 266 760 1112 1 266 761 8x14,04x50 +0,05 +0,10 +0,20 +0,30 8x14,04x50 +0,05 +0,10 +0,20 +0,30	B F B F	

	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
BMW												
1800, 1802 1.8 Eng. 118/3	69-75	89 4	IN	V1317	1134 1 251 879	41,9x8x103,8	45	3	VV191 VV191.1 VV191.2 VV191.3 VV191.4	1112 1 263 642 1112 1 266 760 1112 1 266 761	8x14,04x50 +0,05 +0,10 +0,20 +0,30	B F
316 1.8 Eng. 118/4 Eng. M10B18 V/S	75-80 80→		EX	V1318	1134 1 251 498	34,9x8x104,3	45	3	VV191 VV191.1 VV191.2 VV191.3 VV191.4	1112 1 263 642 1112 1 266 760 1112 1 266 761	8x14,04x50 +0,05 +0,10 +0,20 +0,30	B F
318 1.8 Eng. 118/4 Eng. M10B18 V/S	75-80 80-84											
518 1.8 Eng. 118/3/4 Eng. M10B18 V/S 1766ccm	68-80 80-84 66/72kw(90/98PS)											
316i 1.6 Eng. M40B16 Mod E30 1596ccm	88-90 73kw(100PS)	84 4	IN	V841	1134 1 727 358 1134 1 709 941	42x7x102,1	45	3	VV188 VV188.1 VV188.2 VV188.3 VV188.4	1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F
318i 1.8 Eng. M40B18ME	87-93											
318i 1.8 Eng. M40B18 Mod E30	→90		EX	V842	1134 1 727 352 1134 1 717 878	35,9x7x101,1	45	3	VV188 VV188.1 VV188.2 VV188.3 VV188.4	1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F
518i 1.8 Eng. M40B18 Mod E40 1796ccm	90→ 77/83kw(105/113PS)											
318i 1.8 Eng. M40 1766ccm	87→ 77kw(105PS)	89 4	EX	V1124	1134 1 713 731	34,9x7x101,1	45	3	VV188 VV188.1 VV188.2 VV188.3 VV188.4	1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F
750i/ 750iL 5.0 24V Eng. M70B50 Mod E32	86→	84 V-12										
850i 5.0 24V Eng. M50B50 Mod E31 4988ccm	89→ 220kw(300PS)											
850 CSI 5.6 24V 5576ccm												

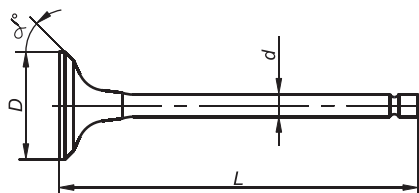
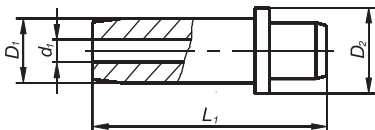
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1	2	3	4	5	6	7	8	9	10	11	12
BMW											
316i 1.6 Eng. M42B16 Mod E36 1596ccm 73kw(100PS)	91-93	84 4	IN	V1129	1134 1 722 908 1134 1 722 892	32,9x7x106,7	45 3	VV188	1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F
								VV188.1			
								VV188.2			
								VV188.3			
318i 1.8 Eng. M42B18 Mod E36 1796ccm 83kw(113PS)	91-93	84 6	EX	V1130	1134 1 726 903 1134 1 722 909 1134 1 722 893	30,5x7x106,3	45 3	VV188	1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F
								VV188.1			
								VV188.2			
								VV188.3			
325i 2.5 325i 2.5 24V 325i, Coupe 2.5 24V 525i 2.5 24V Eng. M50B25 Mod E36 2494ccm 125/141kw(170/192PS)	→90 91→ →92 90-92	84 6						VV188.4			
								VV188.1			
								VV188.2			
								VV188.3			
525iX Touring 1.8 24V Eng. M50B25 Mod E34 318i S 1.8 16V Eng. M42B18 Mod E30 1796ccm 103kw(140PS)	92→ 89-92	84 4						VV188.4			
								VV188.1			
								VV188.2			
								VV188.3			
318i/318i Cabrio, Confort 1.8 16V 318iS Coupe 1.8 16V Eng. M42B18 Mod E36 1796ccm 85/103kw(115/140PS)	95→ 93→	84 4	IN	V1131	1134 1 739 822 1134 1 739 820	32,9x6x106,1	45 3	VV202	1112 1 735 534	6x12,56x43,5 +0,05 +0,10 +0,20	B F
								VV202.1			
								VV202.2			
								VV202.3			
323i 2.5 24V Mod. E36 323i/323i Coupe 2.5 24V Mod. E46 323i T Compact 2.5 24V Mod. E39 523i 2.5 24V Mod. E39 Z3 2.5 24V Mod. E39 Eng. M52B25 2494ccm 125kw(170PS)	95→ 98→ 97→ 95→	84 6	EX	V1132	1134 1 739 823 1134 1 779 821	30,4x6x105,7	45 3	VV202	1112 1 735 534	6x12,56x43,5 +0,05 +0,10 +0,20	B F
								VV202.1			
								VV202.2			
								VV202.3			
325i/325i Coupe 2.5 24V Mod. E36 525i/525i Touring 2.5 24V Mod. E34 Eng. M50B25 2494ccm 141kw(192PS)	92→ 90→							VV202.1			
								VV202.2			
								VV202.3			
								VV202.1			

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
BMW												
X3 2.5i 24V Eng. 256S5 2494ccm	03→	84 6	IN	V1131	1134 1 739 822 1134 1 739 820	32,9x6x106,1	45	3	VV202 VV202.1 VV202.2 VV202.3	1112 1 735 534	6x12,56x43,5 +0,05 +0,10 +0,20	B F
318iS 2.8i 24V Mod. E36 Coupe, Cabrio, Touring	95→		EX	V1132	1134 1 739 823 1134 1 779 821	30,4x6x105,7	45	3	VV202 VV202.1 VV202.2 VV202.3	1112 1 735 534	6x12,56x43,5 +0,05 +0,10 +0,20	B F
328i 2.8i 24V Mod. E46	94→											
528i 2.8i 24V Mod. E39	95→											
728i 2.8i 24V Mod. E38	96→											
Z3 Roadster 2.8i 24V Mod. E36 Eng. M52B28 2793ccm	96→											
	142kw(193PS)											
330i/Ci/Xi 3.0i 24V	00→											
530i 3.0i 24V	00→											
X5 3.0i 24V	00→											
Z3 3.0i 24V	00→											
Eng. M54B30 Mod. E36 2973ccm												
	170kw(230PS)											
X3 3.0i 24V	02→											
Z4 3.0i 24V	03→											
Eng. 306S3 2979ccm												
318i S/Ti Compact 1.9i 16V	96→	85										
Z3 Roadster 1.9i 16V	96→	4										
Eng. M44B19 Mod. E36 1895ccm												
	103kw(140PS)											

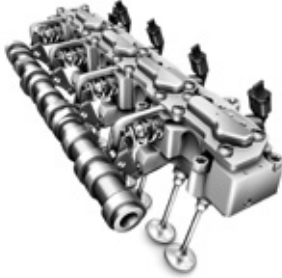
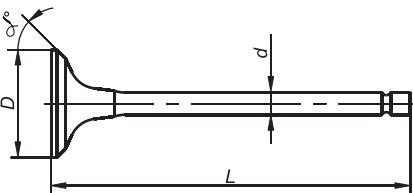
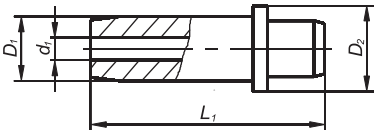
	CYL. Ø №	IN EX											
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE		
1	2	3	4	5	6	7	8	9	10	11	12		
BMW													
Z1 2.5 Eng. M20 Mod Z1	88-91	84 6	IN	V941	1134 1 720 827 1134 1 708 895	42x7x102,5	45	3	VV161	1112 1 280 523	7x13,05x45	B	
325i 2.5	85→								VV161.1		+0,05	F	
325iC/iX 2.5	88-90								VV161.2	1112 1 267 676	+0,10		
Eng. M20B25									VV161.3	1112 1 267 677	+0,20		
525i 2.5	88-90								VV161.4	1112 1 267 678	+0,30		
Eng. M20B25M		VV161.5		+0,35									
2454ccm	125kw(170PS)	EX	V942	1134 1 720 828 1134 1 708 896	36x7x102,5	45	3	VV161	1112 1 280 523	7x13,05x45	B		
								VV161.1		+0,05	F		
325i 2.7i	88-91							VV161.2	1112 1 267 676	+0,10			
525i 2.7i	88-91							VV161.3	1112 1 267 677	+0,20			
Z1 2.7i	88-91							VV161.4	1112 1 267 678	+0,30			
Eng. M20B27M OHC		VV161.5		+0,35									
2693ccm	124kw(170PS)												
530i Touring V8 3.0 32V Eng. M60B30 Mod E34	93→	84 V-8	IN	V1101	1134 1 736 567 1134 1 731 642	31,9x6x104	45	3	VV414	1112 1 735 534	6x12,06x43,4	B	
730i/730iL V8 3.0 32V	93→								VV414.1			+0,03	F
Eng. M60B30 Mod E38									VV202			+0,50	
2997ccm	160kw(218PS)								VV202.1			+0,55	
									VV202.2			+0,60	
535i V8 3.5 32V Eng. M62B35 Mod E39	95→	EX	V1102	1134 1 736 576 1134 1 731 643	28,5x6x103,6	45	3	VV414	1112 1 735 534	6x12,06x43,4	B		
735i/735iL V8 3.5 32V	96→							VV414.1			+0,03	F	
Eng. M62B35 Mod E38								VV202			+0,50		
3498ccm	173kw(235PS)							VV202.1			+0,55		
								VV202.2			+0,60		
		VV202.3		+0,70									
530i 3.0 24V		EX	V1984		29x5x110,6	45	3	VV588 VV588N		5x10,04x48 +0,05	B A		
316i Compact 1.6 316i/Coupe 1.6 Eng. M43B16 Mod E36	94→ 93→	84 4	IN	V1177	1134 1 739 658 1134 1 436 949	42x7x104	45	3	VV188	1112 1 715 373	7x12,55x43,5	B	
1596ccm	75kw(102PS)								VV188.1			+0,05	F
									VV188.2			+0,10	
									VV188.3			+0,20	
									VV188.4			+0,30	
		EX	V1178	1134 1 739 665 1134 1 436 950	36x7x103	45	3	VV188 VV188.1 VV188.2 VV188.3 VV188.4	1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F		

			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
BMW											
318i/Cabriolet , Touring 1.8 Eng. M43B18 Mod E36	93→	84	IN	V1177 1134 1 739 658 1134 1 436 949	42x7x104	45	3	VV188	1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F
		4						VV188.1			
	93→							VV188.2			
								VV188.3			
518i/Touring 1.8 Eng. M43B18 Mod E34	93→							VV188.4			
Z3 Roadster 1.8 Eng. M43B18 Mod E36 1796ccm	96→										
85kw(116PS)			EX	V1178 1134 1 739 665 1134 1 436 950	36x7x103	45	3	VV188	1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F
								VV188.1			
								VV188.2			
								VV188.3			
750i, 750il 24V 5.4 Eng. M73B54 Mod E38	94→	85						VV188.4			
850 Q 24V 5.4 Eng. M73B54 Mod E31 5379ccm	94→	V-12									
240kw(327PS)											
Z3 1.9 Eng. M43B19 Mod E46 1895ccm	98→	85									
316i, 318i 1.9 Eng. M43B19 Mod E46 1895ccm	98→	4									
87kw(118PS)											
850CSi 24V 5.6 Eng. M70B56 5576ccm	93→	86									
279kw(380PS)		V-12									
130i 3.0 24V 325i 3.0 24V 325xi 3.0 24V 330i 3.0 24V 525i 3.0 24V 525xi 3.0 24V 530xi 3.0 24V 630xi 3.0 24V 730i-Li 3.0 24V X5 3.0i 24V Z4 3.0i 24V Eng. N53 B30A 2996ccm	10→	85	IN	V2035 1134 7 552 952	32x5x106,7	45	3	VV523		5x10,04x42 +0,05	B A
		6						VV523N			
			EX					VV524			
								VV524N			
					29x6x114,6	45	3			6x10,04x48 +0,05	B A
M3 Coupe/Cabriolet 3.0 24V Eng. S50B30 Mod E36 2990ccm	92-95	86	IN	V1149 1134 1 401 104	34x7x119,7	45	3				
210kw(286PS)		6	EX								
				V1150 1134 1 401 105	30,5x7x121,3	45	3				

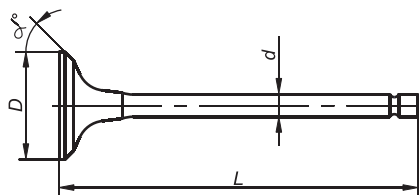
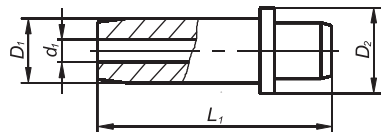
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1	2	3	4	5	6	7	8	9	10	11	12
BMW											
525i/525i 2.5i Mod. E28 Eng. M30B25L/V 2494ccm 107/110kw(146/150PS)	77-87	86 6	IN	V1563	1134 1 273 592 1134 1 257 592	46x8x106,5	45 3	VV191	1112 1 263 642	8x14,04x50	B
								VV191.1		+0,05	F
								VV191.2	1112 1 266 760	+0,10	
								VV191.3	1112 1 266 761	+0,20	
528/528i 2.8i Mod. E18 628/CSI 2.8i Mod. E28 728/728i 2.8i Mod E23 Eng. M30B28 2788ccm 125kw(170PS)	77-87 79-87 77-86		EX	V1564	1134 1 250 129 1134 1 269 419	38x8x107,1	45 3	VV191.4		+0,30	
								VV191	1112 1 263 642	8x14,04x50	B
								VV191.1		+0,05	F
								VV191.2	1112 1 266 760	+0,10	
M3 3.2i 24V Z3 3.2i 24V Eng. S50B32 Mod. E36 3152ccm 179kw(243PS)	95-99 97-00	86,4 6						VV191.3	1112 1 266 761	+0,20	
								VV191.4		+0,30	
530i 3.0i Mod. E34 630CSi 3.0i Mod. E24 730/730i/iL 3.0i Mod. E23 Eng. M30B30 ME 2986ccm 132/145kw(179/197PS)	88→ 76→ 76→	89 6									
732i 3.2i 745i 3.2i Turbo Eng. M30B32 M/LA 3210ccm 130/136/145/185kw	83-86 79-83										
535i/M535i 3.4i Mod. E28 635CSi 3.4i Mod. E24 735i/745i 3.4i Mode. E23 Eng. M30B34 MA/ME/M.45 3430ccm 136/141/150/160/185kw	84→ 82→ 83→	92 6									
735i 3.5i Mod. E23 Eng. M30B35 L 3453ccm 160kw(218PS)	79-86	93,4 6									
M3 Coupe/Cabriolet/Limousine 24V Eng. S52B32 Mod E36 Z3 Roadstar 24V Eng. S52B32 3201ccm 236kw(321PS)	95→ 97→	86,4 6	IN	V2417	1134 1 404 588	35x6x119,9	45 3				
			EX	V2418	1134 1 404 589	30,5x6x121,3	45 3				
NEW											

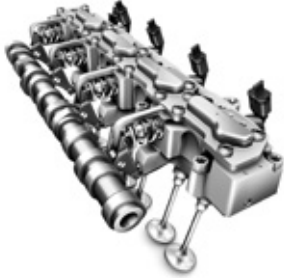
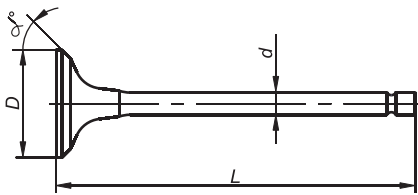
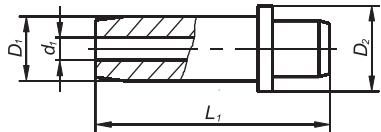
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
BMW												
540i Touring 4.0 32V Eng. M60B40 Mod E34	93→	89 V8	IN	V1281	1134 1 736 549 1134 1 433 480	34,9x6x104,1	45	3	VV202 VV202.1 VV202.2 VV202.3	1112 1 735 534	6x12,56x43,5 +0,05 +0,10 +0,20	B F
740i/740iL 4.0 32V Eng. M60B40 Mod E38	92→											
840 Ci 4.0 32V Eng. M60B40 Mod E31 3982ccm 210kw(286PS)	93→		EX	V1282	1134 1 741 231 1134 1 433 481	30,4x6x103,6	45	3	VV202 VV202.1 VV202.2 VV202.3	1112 1 735 534	6x12,56x43,5 +0,05 +0,10 +0,20	B F
540i Touring 4.4 32V Eng. M62B44 Mod E39	95→	92 V8										
740i/740iL 4.4 32V Eng. M62B44 Mod E38	96→											
840Ci Coupe 4.4 32V Eng. M62B44 Mod E31	96→											
X5 4.4 32 V M5 4.4 32 V Eng. M62B44 4398ccm 210kw(286PS)	99→											
X5 (E70) xDrive 50i X6 Activ Hybrid X6 xDrive 50i 550i 4.4 32V 550i / 550i xDrive 650i 7 Active Hybrid 750i / 750 xDrive Eng. N63 B44 A, N63 B44 B 4395ccm 298/330/339kw(405/449/461PS)	→13 →11 →14 07-10 →13 →12 →12 →15	89 8	IN	V2427	1134 7 570 163	33,2x6x102,8	45	3				
M550i xDrive (G30, F90) 750i, Li xDrive (G11, G12) Eng. N63 B44 C 4395ccm 330/340kw(449/462PS) NEW	→15		EX	V2428	1134 7 570 164	29x6x106	45	3				

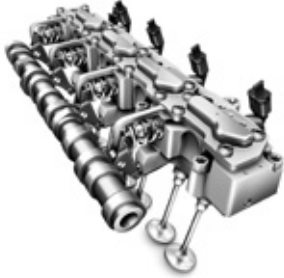
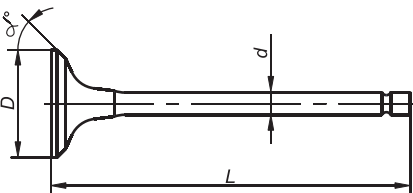
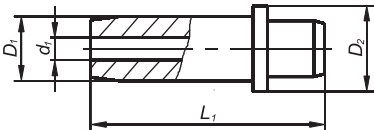
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
BMW											
320i/IS 2.3 2302ccm 86-89 144kw(195PS)	93,4 4	IN	V1245	1134 1 309 343	37x7x121,4	45	3	VV309 VV309.1 VV309.2 VV309.3		7x12,06x45 +0,03 +0,18 +0,28	B F1
M3 2.3 16V Eng. S14B23 Mod E30 2302ccm 86-89 144kw(195PS)		EX	V1246	1134 1 309 487	32x7x123,8	45	3	VV309 VV309.1 VV309.2 VV309.3		7x12,06x45 +0,03 +0,18 +0,28	B F1
M5 3.5 24V Eng. S38B36 Mod E34 3535ccm 88→ 232kw(315PS)	93,4 6										
BMW DIESEL											
525, 525i 2.5i Eng. 1ND TV Toyota 1364ccm 03→ 55kw(75PS)	71 4	IN	V1487	1134 7 791 054	30,6x6x100	45	1	VV374	11122-30020	6x11,09x40,6	G P
		EX	V1488	1134 7 791 055	28x6x99,8	45	1	VV374	11122-30020	6x11,09x40,6	G P
Mini One 1.6D 16V Eng. DV6TED4 Diesel Eng. Peugeot 1560ccm 06→ 80kw(109PS)	75 4	IN	V1493	1134 7 805 968	25,6x5,5x96,4	45	3	VV399 VV399N		5,5x9,56x34 +0,05	G A
		EX	V1494	1134 7 805 969	23,4x5,5x96,6	45	3	VV399 VV399N		5,5x9,56x34 +0,05	G A
116d 114d Eng. N47 D16A 1598ccm 11→ 12→ 70/85kw(95/116PS)	78 4	IN	V2037	1134 7 812 618	24,8x5x94	45	3	VV510 VV510N		5x10,04x35,5 +0,05	B A
		EX	V2038	1134 7 812 616	21,2x5x94	45	3	VV510 VV510N		5x10,04x35,5 +0,05	B A
318 TDS/Touring 1.7 Eng. M41D18 Mod E36 1665ccm 94→ 66kw(90PS)	80 4	IN	V939	1134 2 244 814 1134 2 246 524	35,9x6x103,7	45	3	VV162 VV162.1 VV162.2	1112 2 244 464	6x12,56x39,5 +0,05 +0,10	B F
325 TD, 325 TDS 2.5 325 TDS Touring 2.5 525 TD, TDS, Touring 2.5 725 TDS 2.5 Eng. M51D25 Mod E36/E38 2498ccm 92→ 92→ 92→ 96→ 85/105kw(115/143PS)	80 6	EX	V940	1134 2 244 815 1134 2 246 525	30,9x6x103,5	45	3	VV162 VV162.1 VV162.2	1112 2 244 464	6x12,56x39,5 +0,05 +0,10	B F

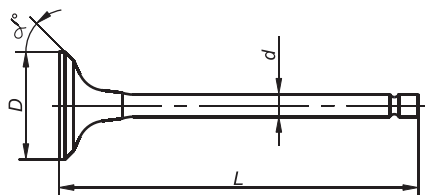
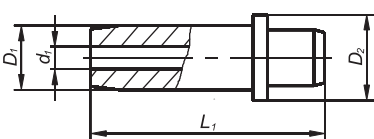
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
BMW DIESEL											
324 TD 2.4 85→ 524 TD 2.4 83→ Eng. M21D24 WA Turbo 2443ccm 85kw(115PS)	80	IN	V937	1134 2 242 624 1134 2 242 621	34,9x7x114,3	45	3	VV161 VV161.1 VV161.2 VV161.3 VV161.4	1112 1 280 523	7x13,05x45 +0,05 +0,10 +0,20 +0,30	B F
324 D 2.4 86→ 524 D 2.4 86→ Eng. M21D24 Turbo 2443ccm 63kw(83PS)		EX	V938	1134 2 242 623 1134 2 242 622	30,9x7x114,1	45	3	VV192 VV192.1 VV192.2 VV192.3		7x13,05x52 +0,05 +0,20 +0,30	B F
325 TD Turbo 2.5 91→92 Eng. M51D25 Mod E36 2498ccm 85kw(115PS)	80	IN	V1011	1134 2 243 328 1134 2 244 858	35,9x7x103,7	45	3	VV161 VV161.1 VV161.2 VV161.3 VV161.4	1112 1 280 523	7x13,05x45 +0,05 +0,10 +0,20 +0,30	B F
525 TDS Turbo 2.5 90→92 Eng. M51D25 Mod E34											
725 TDS Turbo 2.5 96→01 Eng. M51D25 Mod 38 2498ccm 105kw(143PS)		EX	V1012	1134 2 244 282 1134 2 244 851	30,9x7x103,5	45	3	VV192 VV192.1 VV192.2 VV192.3		7x13,05x52 +0,05 +0,20 +0,30	B F
123D 2.0D 07→ Eng. N47D20B 1995ccm	84	IN	V1709	1134 7 797 711	27,2x5x94	45	3	VV510 VV510N		5x10,04x35,5 +0,05	B A
	4	EX	V1710	1134 7 797 712	24,6x5x94	45	3	VV510 VV510N		5x10,04x35,5 +0,05	B A
320 TDS 2.0 16V Turbo 98→ 520 TDS 2.0 16V Turbo 98→ Eng. M47D20 Mod E46 Turbo 1951ccm 100kw(136PS)	84	IN	V994	1134 2 247 077	26x6x99,9	45	3	VV247 VV247.1		6x11,55x39 +0,05	B A
	4	EX	V994	1134 2 247 077	26x6x99,9	45	3	VV247 VV247.1		6x11,55x39 +0,05	B A
X3 2.0D 03→ Eng. 204D4 1995ccm											
525 TDS Turbo 2.5 24V 98→ Eng. M57D25 Mod E46 Turbo 2498ccm 105kw(143PS)	84										
	6										

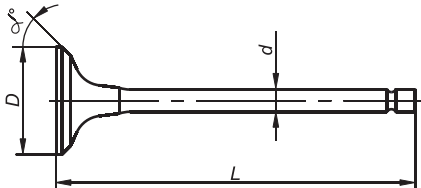
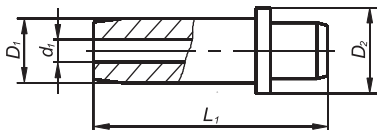
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
BMW DIESEL											
330 TDS 2.9 24V Turbo 530 TDS 2.9 24V Turbo 730 TDS 2.9 24V Turbo X3 2.9. 24V Turbo X5 2.9. 24V Turbo Eng. M57D30 Turbo 2926ccm 135kw(184PS)	99→ 98→ 98→	84 6	IN EX	V994 V994	1134 2 247 077 1134 2 247 077	26x6x99,9 26x6x99,9	45 3 45 3	VV247 VV247.1 VV247 VV247.1	 	6x11,55x39 +0,05 6x11,55x39 +0,05	B A B A
X3 3.0 SD X5 3.0 D 335 D X6 35 D Eng. M57D306D5 2993ccm	06→ 07→ 06→ 08→	84 6	IN EX	V1859 V994	1134 7 799 612 1134 2 247 077	27,5x6x99,8 26x6x99,9	45 3 45 3	VV247 VV247.1 VV247 VV247.1	 	6x11,55x39 +0,05 6x11,55x39 +0,05	B A B A
X5 1B/2B/3B X6 1B NEW		4	IN EX	V2395 V2396	 29x6x106	33,2x6x102,7 29x6x106	45 3 45 3	 	 	 	
CADILLAC											
9-3 BLS 2.0T 16V 1998ccm 127kw(175PS)	06→	86 4	IN EX	V1069 V1070	12786696 55192156 12791961	35,1x6x102,3 30,1x6x100,9	45 3 45 3	VV461 VV461	9006082 9006082	6x10,04x36 6x10,04x36	G A G A
CTS 2.8 V6 STS 2.8 V6 Eng. LP1 2792ccm	06→	V6	IN EX	V2349 V2350	12575352 641079 12575354	35,2x6x101,4 30,6x6x97	45 1 45 1	 	 	 	
Catera 3.0 24V Eng. X30 XE DOHC 2962ccm 155kw(210PS)	96→	88 V6	IN EX	V511 V512	641 022 641 325	32x6x102,1 29x6x92,2	45 3 45 3	VV163 VV163.1 VV163 VV163.1	 	6x10,04x45 +0,03 6x10,04x45 +0,03	G F G F
SRX 3.6 V6 Eng. LY7 3564ccm	06→	V6	IN EX	V2351 V2350	12575351 12575354	37x6x101,3 30,6x6x97	45 1 45 1	 	 	 	

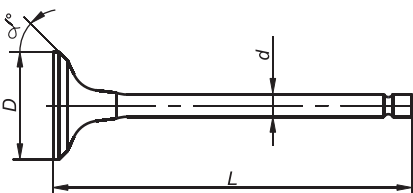
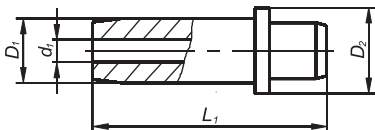
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CADILLAC												
CTS STS ESCALADE	09	V6	IN	V2281	12590771 12617533	55x8x123,9	45	1				
			EX	V2282	12582719 12612427	40,4x8x124,7	45	1				
CADILLAC DIESEL												
BLS 1.9D 16V 9-3 SW 9-5 SW 1910ccm 110kw(150PS)	06→	82 4	IN	V1415	93185523	27,8x6x114,4	45	3	VV459 VV459.1 VV459.2	93178836 93178838	6x11,04x47 +0,03 +0,23	G F
			EX	V1416	93178588	25,8x6x114,4	45	3	VV459 VV459.1 VV459.2	93178836 93178838	6x11,04x47 +0,03 +0,23	G F
CATERPILLAR												
ENG. 3114 4.4 D 269 CID 4400ccm		6	IN	V1627	1457390	40x8x183,1	60	1				
			EX	V1628	1478211	43x9,5x199,1	45	2				
ENG. 3116 6.6 D 403 CID 6600ccm												
ENG. 3126 7.2 D 442 CID 7200ccm												
ENG. 3204 ENG. 3208 S-No. 32Y1→32Y99999 S-No. 51Z1→ ENG. 1140/1145/1150/1160 S-No. 36B1/97B1/96B1/95B1→ ENG. 3208 S-No. 40S1→ 10400ccm 115/135kw(150/175PS)	114,3 8	IN	V591	9L 7682	53,2x9,5x144,7	60	2	VV45	2P1262	9,5x16,7x70,5	G A	
		EX	V592	9L 7683	45,8x9,5x144,3	45	2	VV45	2P1262	9,5x16,7x70,5	G A	

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CATERPILLAR											
ENG. 3304/3306 S-No. 76R273→ 10500ccm ENG. 1673C S-No. 76R1→76R370 14600ccm 206/265kw(280/360PS)	120,65 6	IN	V551 V551N V551N1	5S 6452	51,3x9,5x140 +0,2d +0,55d	60	2	VV45	2P 1262	9,5x16,7x70,5	G A
		EX	V552 V552N V552N1	7S 6767	48,2x9,5x139 +0,2d +0,55d	60	2	VV45	2P 1262	9,5x16,7x70,5	G A
ENG. 3116	126,9 4	IN	V1999	7W8064 1614280 611589	47x8x177,1	60	1	VV514	9Y8848	8x13,05x75	G F2
		EX	V2000	7W2699 1051779 1360819 6115590	40x8x176,8	45	1	VV514	9Y8848	8x13,05x75	G F2
ENG. 3406 84→ S-No. 92U1 14600ccm ENG. 3408 S-No. 28V1 18000ccm 206/265kw(280/360PS) Eng. 3412 Serial 60M1-38S1	137,16 6	IN	V495	2W 2622	45x9,5x181,4	60	2	VV44	4N2803	9,5x17,5x82,6	G A
		EX	V496	1W 3860	41,8x9,5x181,4	45	2	VV44	4N2803	9,5x17,5x82,6	G A
	137,16 8										
988-620-631-641 650-651-657-666 824-824/B-825/B 830-834-835	137,16 6	IN	V849	1P 0407 2M 6402 1N 4885	45x9,5x152,4	45	2				
		EX	V850	8N 3725 1P 2629 2M 6403	41,8x9,5x152,4	45	2				
ENG. D8K		IN	V499	1W 1818	59,5x9,3x236	45	2				
		EX	V500	1W 1819	58x9,3x236	45	2				
ENG. Perkins 07→ 1104 1106	4 6	IN	V1867	2255495	46,3x9x129,2	60	1				
		EX	V1868	2255499	41,6x9x129,2	60	1				

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CATERPILLAR											
Eng. 3408 Gas	8	IN	V2239	2120932	45x9,5x193,7	70	2				
		EX	V2240	2120933	41,8x9,5x193,7	70	2				
Eng. D320		IN	V2241	9H1087 9H4811	43,1x9,4x150,1	60	2				
		EX	V2242	2M7727	39,9x9,4x150,1	60	2				
Eng. C11/C13 12500ccm	6	IN	V2243	2243028 2527803	44,5x9,5x188,3	60	2				
		EX	V2244	2418383	41,6x9,5x187,3	45	2				
Eng. C9 8800ccm	08→ 6	IN	V2245	2418382	39x8x184,5	60	1				
		EX	V2246	2527803	36x9,5x184,6	45	2				
Eng. C6		IN	V2247	2941684	34,5x6,6x144,1	60	1				
		EX	V2248	2941685	27,5x6,6x144	45	1				
Eng. C4 4400ccm		IN	V2249	3096688	35x6x108,2	60	3				
		EX	V2250	3399637	33x6x107,9	45	3				
Eng. C2.2 2200ccm	4	IN	V2251	3081860	37x7x99,5	45	1				
		EX	V2252	3081861	33x7x99,6	45	1				
C15 C27 Eng. 3406 15200ccm NEW	6	IN	V2397	1537023	47x9,5x202	60	2				
		EX	V2398	1537024	41,8x9,5x202	45	2				
ENG. D7 S-No. 17A	75→ →76	146 4/6	IN	V567	8H 1993	59,5x12,7x236	45	15			
		146 V8 V12	EX	V568	8H 1994	57,9x12,7x235	45	15			
ENG. D8 S-No. 13A/14A/15A											
ENG. D342											
ENG. D364											
ENG. D375											
ENG. D386											
ENG. D397											

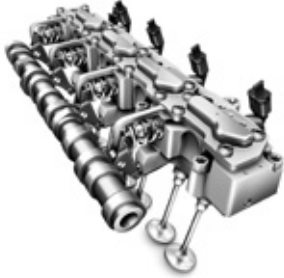
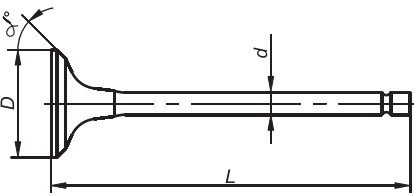
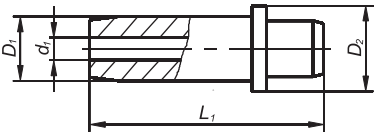
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CATERPILLAR												
D 379 B	158,75	IN	V497	1W 8606	63,6x9,5x238,6	60	2					
D 398 B	V8											
D 399 K	V12	EX	V498	1W 1822	59,7x9,5x238,6	60	2					
CHEVROLET – DAEWOO												
Spark 1.0 Eng. B10D1 995ccm	10→	68 4	IN EX	V2039 V2040	96463002 96463003	25,9x5x99,2 23,5x5x100	45 45	1 1				
MARUTI 0,8 TICO 0.8 Eng. F 8CV/F8B 796ccm 31/35kw(44/48PS)	91→ 95→	68,5 3	IN EX	V605 V606	12911 78B00 12915 78B00 11915A 78B01	35,7x5,5x110,5 31,8x5,5x110,2	45 45	1 1	VV296 VV296N VV296 VV296N	11115A-70B00 11115A-70B00	5,5x11,05x43 +0,05 5,5x11,05x43 +0,05	G P G P
Matiz 1.0i Eng. B10S 995ccm	03→	68,5 4										
Matiz 0.8 Tico 0.8 Eng. F8 CV 796ccm 38kw(52PS)	98→ 86→	68,5 3	IN EX	V605 V900	12911 78B00 96352793	35,7x5,5x110,5 31,8x5,5x110,4	45 45	1 1	VV296 VV296N VV296 VV296N	11115A-70B00 11115A-70B00	5,5x11,05x43 +0,05 5,5x11,05x43 +0,05	G P G P
Saga 1300 Eng. G13B OHC Mitsubishi 1299ccm 49kw(67PS)	85→	71 4	IN EX	V1145 V1146	MD-016460 22211-21010 MD-016461 22212-21004	34x6,6x102,1 30x6,6x100,9	45 45	1 1				
Saga 1500 Eng. G15B OHC Mitsubishi 1468ccm 53kw(72PS)	85→	75,5 4										
Cruze 1.4i 16V Orlando 1.4i 16V Trax 1.4i 16V Eng. LUJ 1362ccm	12→	72,5 4	IN EX	V883 V884	55565339 55570170	28x5x93,8 25x5x93,8	45 45	3 3	VV223 VV223.1 VV223 VV223.1		5x10,04x39 +0,03 5x10,04x39 +0,03	G F G F
Aveo 1.4i 16V Eng. A14XER 1398ccm	11→	73,4 4	IN EX	V883 V884	55565339 55570170	28x5x93,8 25x5x93,8	45 45	3 3	VV223 VV223.1 VV223 VV223.1		5x10,04x39 +0,03 5x10,04x39 +0,03	G F G F

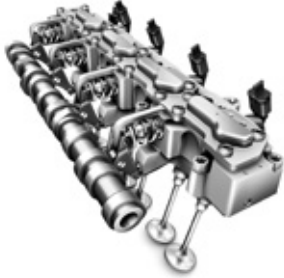
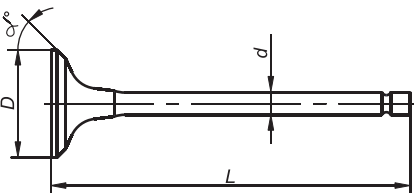
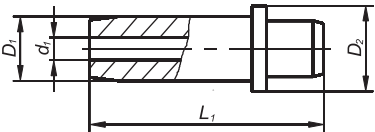
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CHEVROLET – DAEWOO												
Nexia 1.5 Eng. G15MF SOHC 1498ccm 58kw(79PS)	96→ 4	76,5	IN	V1855	90215492	38x7x101,7	45	1	VV171	96350913	7x11,04x47,5	G A1
			EX	V1856	96098751	31x7x101,7	45	1	VV171	96350913	7x11,04x47,5	G A1
Le Mans 1.6i Eng. 16LZ 1598ccm 55kw(75PS)	89→ 4	79										
Racer 1.6i Eng. 16LZ 1598ccm 55kw(75PS)	89→ 4	79										
Lanos 1.4/1.5 Eng. A13DM/A15DM 1349/1498ccm 55/63kw(75/86PS)	97→ 4	76,5	IN	V901	96182934	38x7x103,5	45	1	VV171	96350913	7x11,04x47,5	G A1
			EX	V902	96182933	31x7x103,5	45	1	VV171	96350913	7x11,04x47,5	G A1
Espero 1.5 16V Eng. A15 MF DOHC 1498ccm 66kw(90PS)	94→ 95→ 4	76,5	IN	V861	96182806 96103129	30,3x6x102,3	45	1	VV170 VV170N	96103034	6x11,05x40 +0,05	G A
			EX	V862	96182805 96103130	26x6x102	45	1	VV170 VV170N	96103034	6x11,05x40 +0,05	G A
Kalos 1.4 16V Eng. F14S3 1399ccm 61kw(83PS)	02→ 4	77,9	IN	V1263	96335947	38x6x104	45	3	VV460 VV460N	96338200	6x11,04x47,5 +0,05	G A1
			EX	V1264	96335948	31x6x104	45	3	VV460 VV460N	96338200	6x11,04x47,5 +0,05	G A1
Kalos 1.4 16V Lacetti 1.4 16V Eng. F14D3 1399ccm 69kw(94PS)	03→ 03→ 4	77,9	IN	V1271	96376881	28,6x6x101,6	45	1	VV170 VV170N	96103034	6x11,05x40 +0,05	G A
			EX	V1272	96376980	27,3x6x101,3	45	1	VV170 VV170N	96103034	6x11,05x40 +0,05	G A
Kolos 1.6 16V Lanos 1.6 16V Lacetti 1.6 16V Nubira 1.6 16V Tacuma 1.6 16V Rezzo 1.6 16V Eng. A16 DMS DOHC 1598ccm 78/80kw(105/109PS)	05→	79	IN	V861	96182806	30,3x6x102,3	45	1	VV170	96103034	6x11,05x40	G
	98→	4			96103129				VV170N		+0,05	A
	05→											
	98→		EX	V862	96182805	26x6x102	45	1	VV170	96103034	6x11,05x40	G
	00→				96103130				VV170N		+0,05	A
	05→											

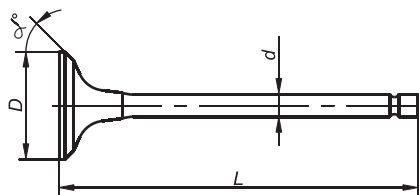
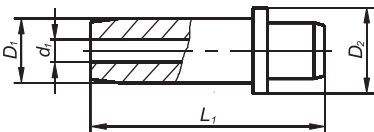
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CHEVROLET – DAEWOO												
Leganza 2.0 16V Nubira 2.0 16V Eng. X20 SED DOHC 1998ccm 100kw(136PS)	97→ 99→00	86 4	IN EX	V861 V862	96182806 96103129 96182805 96103130	30,3x6x102,3 26x6x102	45 45	1 1	VV170 VV170N VV170 VV170N	96103034 96103034	6x11,05x40 +0,05 6x11,05x40 +0,05	G A G A
Cruze 1.6i 16V Aveo 1.6i 16V Trax 1.6i 16V Eng. F16D4–LDE 1598ccm	09→ 11→ 12→	79 4	IN EX	V1429 V1430	55557862 55558728	31,2x5x117,2 27,5x5x116,2	45 45	3 3	VV223 VV223.1 VV390 VV390.1 VV223 VV223.1 VV390 VV390.1	9158589 642014 642015 9158589 642014 642015	5x10,04x39 +0,03 5x10,04x37 +0,21 5x10,04x39 +0,03 5x10,04x37 +0,21	G F G F G F G F
Cruze 1.8 16V Trax 1.8 16V Eng. F18D4 1796ccm 103kw(140PS)	09→ 13→	82 4	IN EX	V1611 V1612	55557741 71744388	31,2x5x113,9 27,5x5x113,2	45 45	3 3	VV390 VV390N VV390.1 VV390 VV390N VV390.1	642014 642015 642014 642015	5x10,04x37 +0,05 +0,21 5x10,04x37 +0,05 +0,21	G F G F
Laceti 1.8 16V Nubira 1.8 16V Eng. F18D3 1800ccm	06→	4	IN EX	V2265 V2266	93333561 93333562	31,2x6x101,4 27,5x6x100,8	45 45	3 3				
Espero 1.8 Eng. C18 LE 1796ccm 66kw(90PS)	95→	84,8 4	IN EX	V641 V642	90220119 90323757	41,8x7x103,8 36,5x7x103,6	45 45	1 1	VV119 VV119N VV119 VV119N	90108699 90108699	7x11,03x45,5 +0,05 7x11,03x45,5 +0,05	G A1 G A1
Espero 2.0 Eng. C20 LE/NE 1998ccm 77kw(105PS)	95→	86 4										
Nubira 2.0 1998ccm	01→											

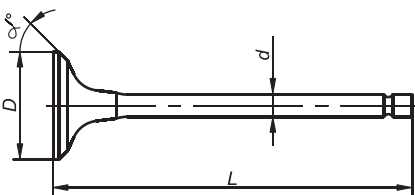
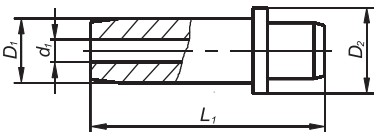
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CHEVROLET – DAEWOO											
Tacuma 1.8 SX Eng. F18N 1761ccm	00→	84,8	IN	V1875	96230591	38x6x101,3	45 3	VV163 VV163.1	90502079	6x10,04x45 +0,03	G F
		4	EX	V1876	96230595	31,4x6x101,1	45 3	VV163 VV163.1	90502079	6x10,04x45 +0,03	G F
Leganca 1.8i 16V Nubira 1.8i 16V 1796ccm 85kw(116PS)	99→	86	IN	V511	90412277	32x6x102,1	45 3	VV163 VV163.1	90502079	6x10,04x45 +0,03	G F
Evanda 2.0i 16V Nubira 2.0 16V Leganca 2.0 16V Tacuma 2.0 16V Rezzo 2.0 16V Epica 2.0i 16V Eng. X20SED/C20SED DOHC 1998ccm 81/100kw(110/136PS)	02→ 98→ 97→ 00→ 00→ 05→	4	EX	V512	90410813	29x6x92,2	45 3	VV163 VV163.1	90502079	6x10,04x45 +0,03	G F
LEGANZA 2.2 16V Eng. X22 SED 2198ccm 100/105kw(136/143PS)	98→										
Astra G 2.2i 16V Eng. Z 22 SE 2198ccm 108kw(147PS)	02→	86	IN	V1069	641 063 641 056	35,1x6x102,3	45 3	VV461 VV461N	9006082	6x10,04x36 +0,05	G A
		4	EX	V1070	641 376 641 373	30,1x6x100,9	45 3	VV461 VV461N	9006082	6x10,04x36 +0,05	G A
Captiva 2.4i 16V Eng. Z24 XE 2405ccm 100–103kw(136–140PS)	06→	87,5	IN	V511	90412277	32x6x102,1	45 3	VV163 VV163.1	90502079	6x10,04x45 +0,03	G F
			EX	V512	90410813	29x6x92,2	45 3	VV163 VV163.1	90502079	6x10,04x45 +0,03	G F
Eng. M104.992 3199ccm 162kw(220PS) Eng. M104.995 3199ccm 170kw(231PS)	99→ 99→	89,9	IN IN EX EX	V1547 V1099 V1548 V1100		35x7x101,5 35x7x101,5 31x7x103,5 31x8x103,5	45 3 45 1 45 3 45 1				

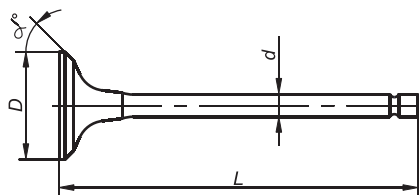
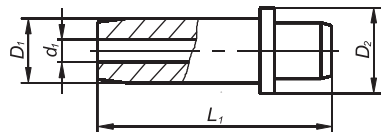
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1	2	3	4	5	6	7	8	9	10	11	12
CHEVROLET – DAEWOO DIESEL											
Aveo 1.3D 16V Cruze 1.3D 16V Eng. LDV/LSF 1248ccm 51/55kw(69/75PS)	69,6 4	IN	V1413		21,7x6x109,2	45	3	VV391		6x10,03x43,2	G
		IN	V1873		22,45x6x109,2	45	3	VV391.1 VV391.2		+0,03 +0,23	F3
		EX	V1414		21,7x6x109,2	45	3	VV391		6x10,03x43,2	G
		EX	V1874		22,5x6x109,2	45	3	VV391.1 VV391.2		+0,03 +0,23	F3
Trax 1.7 TD Cruze 1.7 TD Eng. LUD 1686ccm	12→ 79 4	IN	V2041	98113743	27,4x6x102,6	45	1	VV231 VV231N		6x11,05x42 +0,05	G F
		EX	V2042	97385842	25,45x6x102,4	45	1	VV231 VV231N		6x11,05x42 +0,05	G F
TRUCK PLUS Eng. XUD9/D9B 1905ccm 47kw(64PS)	00→ 80 4	IN	V721	93 510 415 500 54 982	38,5x8x112,4	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,22	B A
			V721N1 V721N3		+0,5S +1,0S						
		EX	V710	93 510 773 500 60 609	33x8x111,9	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,22	B A
			V710N1 V710N3		+0,5S +1,0S						
Nubira 2.0 TDCI Captiva 2.0 VCDI Epica 2.0 VCDI Eng. Z20DM–Z20DMH 1991ccm	07→ 83 4	IN	V1625	96951454	28,6x6x95,7	45	3	VV163 VV163.1	90502079	6x10,04x45 +0,03	G F
		EX	V1626	96951455	24,4x6x95,7	45	3	VV163 VV163.1	90502079	6x10,04x45 +0,03	G F
Epica 2.0 I Cruze 2.0 D Eng. Z20D 1998ccm	11→ 11→	IN	V2003		29,3x5,5x96,8	45	1				
		EX	V2004		25,1x5,5x97,1	45	1				
Cruze 2.0 TD Orlando 2.0 TD Eng. Z20D1 1998ccm Captiva 2.2 TD Eng. Z22D1 2231ccm	10→ 11→ 11→	IN	V2043	25183821	28,8x5x101,9	45	3				
		EX	V2044	25183822	26,4x5x101,9	45	3				

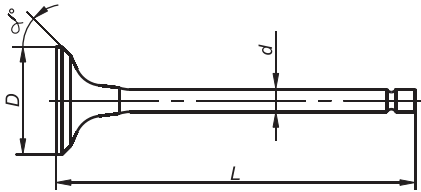
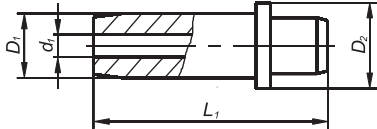
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CHRYSLER											
Chrysler 1.6 Eng. G32B Mitsubishi 1598 ccm 48/60kw(65/81.5S)	76,9 4	IN	V1567	MD 075925	38x8x103,5	45	1				
		EX	V1568	MD 075927	31x8x100	45	1				
Neon 2.0 16V Stratus 2.0 16V Voyager 2.0 16V Eng. C.00 1996 ccm 96/98kw(131/133PS)	4	IN	V1147	0464 8615	33,2x6x114,9	45	1				
		EX	V1148	0464 8613	28,7x6x117,2	45	1				
	4	IN	V2211		33,2x6x114,7	45	3				
		EX	V2212		28,8x6x117,2	45	3				
Neon 1.6i 16V 01→ Eng. R50 1598 ccm	77 4	IN	V1705	11347485585 11347513023 04777770AB	30,3x6x109,5	45	3	VV526 VV526N		6x11,06x42 +0,05	G A
		EX	V1706	11347829943 11347513024 04777772AB/AC	23,3x6x118,3	45	3	VV526 VV526N		6x11,06x42 +0,05	G A
PT Cruiser 1.6i 16V 00→ Eng. EJD 1598 ccm 85kw(115PS)	77 4	IN	V1705	11347485585 11347513023 04777770AB	30,3x6x109,5	45	3	VV526 VV526N		6x11,06x42 +0,05	G A
		EX	V1706	11347829943 11347513024 04777772AB/AC	23,3x6x118,3	45	3	VV526 VV526N		6x11,06x42 +0,05	G A
Stratus 2.5 24V 95→ 2497 ccm 120kw(163PS)	83,5 6	IN	V1195	MD 301193	33x6x112,5	45	1	VV412 VV412N		6x11,12x45,5 +0,05	G P
		EX	V1196	MD 306183	29x6x114	45	1	VV450 VV450N		6x11,12x50,5 +0,05	G P6
PT Cruiser 2.0 16V 00→ Sebring Cabrio 2.0 16V 02→ Eng. ECC 1995 ccm 104kw(141PS)	87,5 4	IN	V1233	0466 7969 AB	34,8x6x111,6	45	3	VV493 VV493N	4667411	6x11,07x44 +0,05	G A
		EX	V1234	0477 7898 AA	28,5x6x109,8	45	3	VV493 VV493N	4667411	6x11,07x44 +0,05	G A
PT Cruiser 2.4 16V 00→ Voyager 2.4 16V 00→ Eng. EDV, EDZ 2429 ccm 105/108/164kw											

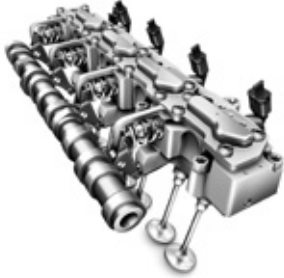
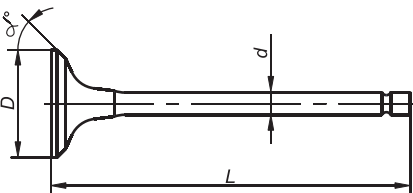
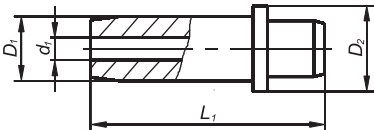
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CHRYSLER											
300M 2.7 2736 ccm	V6	IN	V1847	04663899	33,9x6x108,2	45	3				
		EX	V1860	04663347	29x7x126	45	3				
		EX	V1848	04663902	27,7x6x106,2	45	3				
Sebring 2.7 V6 24V 03→ 2736 ccm	V6	IN	V1847	04663899	33,9x6x108,2	45	3				
		EX	V1848	04663902	27,7x6x106,2	45	3				
Voyager Grand 3.3 V6 03→ 3301 ccm	V6	IN	V1959	04781025AA	48x7x126,3	45	4	VV590 VV590N		7x12,53x57,8 +0,05	G P
		EX	V1960	04781029AB	35,5x7x127,6	45	4	VV590 VV590N		7x12,53x57,8 +0,05	G P
Jeep CJ-7 2.0 83-86 Eng. J5R 800 1995 ccm 62kw(85PS)	88 4	IN	V1943		43,9x8x112	60	1				
		EX	V1920		37x8x111,3	45	1				
		EX	V1944		38,6x8x111,4	45	1				
Wrangler 2.0 90→ Eng. J6R 711 1995 ccm 76/81kw(103/110PS)											
Crosfire 3.2 18V 03→ Eng. M112.955 3199 ccm 158kw(215PS)	89,9 6	IN	V1551	113 053 0101	36x7x119,4	45	1	VV346 VV346.1 VV346.2	113 053 0329 113 053 0429	7x12,56x50 +0,20 +0,60	G F
		EX	V1552	113 050 0227	41x7x122,3	45	1	VV346 VV346.1 VV346.2	113 053 0329 113 053 0429	7x12,56x50 +0,20 +0,60	G F
		IN	V1445	33003515R	48,5x8x124,7	45	1				
		EX	V1446	33003860R	38,1x8x125,5	45	1				
Dodge Dakota 89→ Ran Changer 97→ Eng. 238 CE (1989-1997) 3900 ccm	V6	IN	V1445	53006723	48,5x8x124,7	45	1				
		EX	V2288	53006724	41,3x8x124,4	45	1				

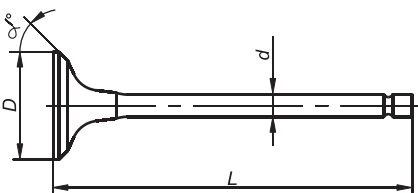
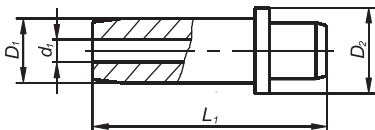
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CHRYSLER DIESEL												
Sebring 2.0 CRD 16V Eng. ECD 1968 ccm	07→	81	IN	V1607	68001582AA	29,2x6x87,8	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
		4		EX	V1608	68001583AA	25,4x6x87,5	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15
Chrys.300 3.0CRD 24V Eng. OM642 2987 ccm	06→	83	IN	V1743	5175396AA	28,5x6x102,3	45	3	VV398 VV398N		6x11,57x34,4 +0,03	G F
		V6		EX	V1744	5175397AA	25,4x6x102,3	45	3	VV398 VV398N		6x11,57x34,4 +0,03
Cherokee 2.1 TD Eng. J8S 814. 890 2068 ccm 64kw(87PS) Jeep CJ-7 2.1 D Eng. J8S 814. 890 2068 ccm 64kw(87PS) Comanche 2.1 TD 88-98 Vagoneer 2.1 TD 88-94 XJ 2.1 TD 84-87 Eng. J8S 800. 814 2068 ccm 44/64kw(60/87PS)	84-95 85→	86	IN	V863	7701 462 232	40,2x8x111,6	45	1	VV145 VV145N		8x13,07x49 +0,03	B F
		4		EX	V864	7701 461 339	33,3x8x111,6	45	1	VV145 VV145N		8x13,07x49 +0,03
PT Cruiser 2.2CRDi 16V Eng. OM664 2151 ccm	02→	88	IN	V1055 V1055N5	05073735AA	30,1x7x104 +1,0L	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
		4		EX	V1056 V1056N5	05073738AA 05073737AA	28,4x7x104,4 +1,0L	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CHRYSLER DIESEL												
Voyager 2.5 TD Eng. VM425/CH/EH VMHR92.4SHI 2499ccm	91→	92 4	IN	V1167	047 20 146	40,2x8x121	55	1	VV411 VV411.1 VV411.2 VV521 VV521.1 VV521.2		8x14,06x55 +0,03 +0,18 8x14,06x55 +0,03 +0,18	G A G F
			EX	V1168	047 20 148	34x8x121	45	1	VV411 VV411.1 VV411.2 VV521 VV521.1 VV521.2		8x14,06x55 +0,03 +0,18 8x14,06x55 +0,03 +0,18	G A G F
Voyager 2.5 CRD Grand Voyager 2.5 CRD Eng. ENC/ENJ 2499 ccm 85/105kw(116/143PS)	03→	92 4	IN	V1645	05066770AA	32,4x6x109	45	3	VV530	5066773AA	6x11,03x44,5	G F
			EX	V1646	05066769AA	30,9x6x108,3	45	3	VV530	5066773AA	6x11,03x44,5	G F
Voyager 2.8 CRD 16V Grand Voyager 2.8 CRD 16V Eng. ENR 2776 ccm 110/120kw(150/163PS)	06→	94 4										
Chrysler 2.8.CRD Eng. ENS 2777 ccm	07→	94 4	IN	V1745	K68027469AA	31,8x6x107,6	45	3	VV530	5066773AA	6x11,03x44,5	G F
			EX	V1746	K68027470AA	29,2x6x107,8	45	3	VV530	5066773AA	6x11,03x44,5	G F
CHRYSLER U.S.A.												
Chrysler Mitsubishi Eng.		4	IN	V1567	MD075925	38x8x103,5	45	1				
			EX	V1568	MD075927	31x8x100	45	1				
Sebring 2.4 Eng. ED3 2360 ccm	07→	4	IN	V2253	0948.F2	35x5,5x113,2	45	1				
			EX	V2254	0949.E7	29x5,5x105,8	45	1				
Grand Voyager Dodge RAM Dodge Durango Eng. HG/HB/LE/LX 5700 ccm	08→	8	IN	V2255	53021550AA	50,8x8x125,2	45	3				
			EX	V2256	53021551AA 53021551AB	39,4x8x123,1	45	3				

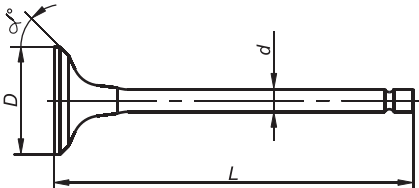
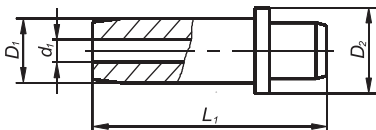
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CITROEN												
Eng. 2CV/-AZ/AZ1/AZW 425ccm	56-63	66	IN	V2191		34,5x8x77,1	60	9				
		2	EX	V2192		31x8x76,4	45	9				
Eng. 2CV/AZ/AM 425ccm	63→ 13kw(18PS)	66	IN	V2193		39x8x91	60	9				
		2	EX	V2194		32x8,5x88,7	45	9				
Dyane 4 CV 2CV	68→ 70→	2	IN	V2199	5 430 70Y 5 457 490	39x8x89,7	60	3				
			EX	V2200	5 430 75C 5 457 491	34x8,5x88,5	45	3				
Audace , Escape 0.9 Eng. TU 9M 854ccm AX 10E 1.0 Eng. TU 9M Saxo 1.0X Eng. TU 9M/Z C15 1.0 Eng. C1A, TU9A 954ccm	93→ 37kw(50PS) 93→ 96→ 88→ 33/37kw(45/50PS)	70 4	IN	V1093	97531079	34,7x7x112,8	60	1	VV243	0220.59	7x13,07x47,5	G
									VV243.1	0220.60	+0,05	F
									VV243.2	9456 001 145	+0,20	
									VV581		7x13,07x47,5	B
									VV581.1		+0,05	F
									VV581.2		+0,20	
		EX	V1094	97531046	27,7x7x112,6	45	1	VV243	0220.59	7x13,07x47,5	G	
								VV243.1	0220.60	+0,05	F	
								VV243.2	9456 001 145	+0,20		
								VV581		7x13,07x47,5	B	
								VV581.1		+0,05	F	
								VV581.2		+0,20		
LNA 4 CV 1.0 Eng. 108C 954ccm C 15 E 1.1 Eng. A-XY6C AX 11 1.1 BX 11 1.1 LNA 11 RE/RS 4/6 CV 1.1 Visa Super/Super E/L 1.1 Eng. XW7/109 5F 1124ccm	84→ 33kw(45PS) 84-87 84→ 84→ 83→ 78→ 37/42kw(50/57PS)	70 4	IN	V969	95551307 95563504	36,8x8x113,4	60	1				

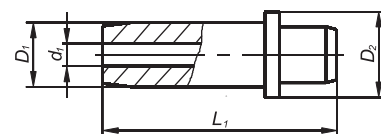
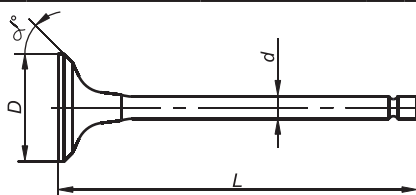
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN											
Visa Super X 1.2 Eng. XZ7R 1219ccm	81→82	72 4	IN	V969 95551307 95563504	36,8x8x113,4	60	1				
BX 14 E/TRE C 15 E	80→ 86→87	75 4	EX	V970 95551308	29,3x8x113,6	45	1				
Visa Super X 1.4 Visa 14 TRS 1.4 Eng.150 A/C/D/Y Visa GT/Chrono XT 1.4 Eng.150 B 1361ccm 41/59kw(56/80PS)	80→ 84→										
C1 1.0 Eng. 384F, 1KR-FE Toyota 998ccm 50kw(68PS)	06→	71 3	IN	V1721 0948.E2	27,4x5x88,4	45	1	VV435	0221.28	5x9,75x34,4	G P
			EX	V1722 0949.C8	23,6x5x89,2	45	1	VV435	0221.28	5x9,75x34,4	G P
C15 1.1 AX 11 RE/TRE 1.1 BX11 1.1 Eng.TU1 AX First Club, Caban 1.1 AX Tonic, Image Thalassan, Tilt ZX Refleks 1.1 Saxo 1.1i X/SX Expert, Berlingo 1.1i Eng. TU1M, TU1K, TU1MZ 1124ccm 40/44kw(54/60PS) C2 1.1i C3 1.1i Berlingo 1.1i Saxo 1.1i Eng. TU1JP 1124ccm 44kw(60PS) AX 1.4 TRS/TZS/TZX/Allure AX 1.4 GT Eng. TU3, TU3S 1361ccm 48/63kw(65/85PS)	88→ 86→ 88→	72 4	IN	V694 97533266 97531080	36,7x7x112,8	60	1	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	G F B F
			EX	V632 97533264 97531044	29,3x7x112,6	45	1	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	G F B F

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN											
AX 1.4 XT BX 1.4 ZX Reflex, Avantage, Aura Eng. TU3MZ, TU3 2K AX 1.4 GTS 4x4 Turbo ZX Tilt 1.4i, Z X Break-Tilt 1.4i 93-97 Eng. TU3 FMC C2 1.4i C3 1.4i ZX 1.4i Saxo 1.4i SX, VSX Xsara 1.4i X/SX Limousine/Break Berlingo 1.4i Eng. TU 3JP 1361ccm 55kw(75PS) AX 1.4 GT (Niv.5) Eng. TUF J2 1361ccm 70kw(95PS) AX 1.4i C15 1.4i Eng. TU3FM-KDY 1361ccm 55/58kw(75/79PS)	91→ 89→ 91-97 93→ 93-97 03→ 02→ 96→ 96→ 96→ 96→ 96→ 93→ 90-96 92-96	75 4	IN EX	V694 97533266 97531080 V632 97533264 97531044	36,7x7x112,8 29,3x7x112,6	60 45	1 1	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2 VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145 7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20 0220.59 0220.60 9456 001 145 7x13,07x47,5 +0,05 +0,20	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	G F B F B F
C3 DS3 Eng. EB2/EB2M 1200ccm	13→	3	IN EX	V2123 9676359080 V2124 9676359180	29,1x5x92,6 26x5x91,9	45 45	1 1				
Diane 6 Mehari 4x2/4x4/Azur Eng. AYB Ami 6/8 Eng. 28 2CV6 Special/Club Acadiane Eng. 602 Eng. R06/627 602ccm 19/24kw(26/33PS)	68→ 68-79 68→ 76→	74 2	IN EX	V2195 5 457 475 V2196 5 457 476	40x8x88,5 34x8,5x87,1	60 45	3 3				

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CITROEN												
Jumpy 1.6 Eng. 220 A2.000 – Fiat 1581ccm 58kw(79PS)	95→	74 4	IN	V735	7 617 500	39,5x8x108,5	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
			EX	V412	5 973 128 4 315 062	31x8x109	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
C2 1.1i C3 1.1i Saxo, Berlingo 1.1i Eng. TU1JP–HFX 1124ccm 44kw(60PS)	03→ 02→ 00→	72 4	IN	V633	96278356	36,7x7x112,8	45	1	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145 7x13,07x47,5 +0,05 +0,20	7x13,07x47,5 +0,05 +0,20	G F B F
C2 1.4i C3 1.4i Eng. TU3JP 1361ccm 44kw(60PS)	03→ 02→	75 4	EX	V632	97531044 97533264	29,3x7x112,6	45	1	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145 7x13,07x47,5 +0,05 +0,20	7x13,07x47,5 +0,05 +0,20	G F B F
AX Sport Eng. TU 24 1294ccm 69kw(94PS)	86→	75 4	IN	V2171	95638476	39,3x8x111,8	45	3	VV242 VV242.1 VV242.2	0220.72 +0,05 0221.17	8x13,07x45 +0,05 +0,20	B F
			EX	V2172	95638477	31,2x8x111,6	45	3	VV242 VV242.1 VV242.2	0220.72 +0,05 0221.17	8x13,07x45 +0,05 +0,20	B F
C2 1.4i 16V C3 1.4i 16V C4 1.4 16V Eng. ET3J4/KFU 1360ccm 65kw(88PS)	04→ 04→ 04→	75 4	IN	V1251	0948.C8	28,3x5,5x100,8	45	3	VV384 VV384N		5,5x10,58x38 +0,03	B A
			EX	V1252	0949.C4	24,3x5,5x101,1	45	3	VV384 VV384N		5,5x10,58x38 +0,03	B A

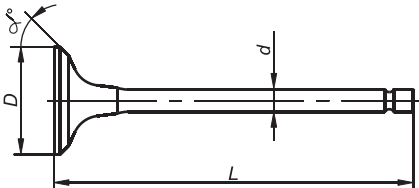
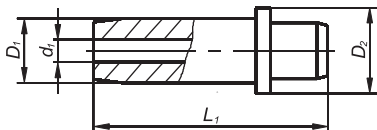
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN											
AX, XSi Allure 1.4 Berlingo 1.4 Eng. TU3F-J2K 1361ccm 69kw(94PS)	91→ 99→	75 4	IN	V1163 	96183535 96101886 96096851	39,5x7x111,7	60 3	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	G F B F
Saxo 1.6i ZX 1.6i Xsara 1.6i Picasso Eng. TU5JP→N° 7609 1587ccm 66kw(90PS)	96→ 96→	78,5 4	EX	V1164 	96101887 96096852	31,3x7x111,5	45 3	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	G F B F
C3 Picasso 1.4i 16V C3 II 1.4i 16V C4 II 1.4 Vti 95 DS3 1.4i 16V Eng. EP3C 18 FP.EP3 1397ccm 70kw(95PS)	08→ 09→ 09→	77 4	IN	V1701 	753388480	30x5x97	45 3	VV519 VV519N		5x9,03x41 +0,05	B A
DS3 1.4i 16V Eng. EP3C 18 FP.EP3 1397ccm 70kw(95PS)			EX	V1702 	753388580	25,1x5x110,8	45 3	VV520 VV520N		5x9,03x44,5 +0,05	B A
C3 1.6i 16V C4 1.6i 16V DS3 1.6i 16V DS4 1.6i 16V Eng. 5FS EP6C 1598ccm	08→ 08→ 10→ 11→										
C3 Picasso 1.6i 16V C4 1.6i 16V C4 Picasso 1.6i 16V C4 Grand Picasso 1.6i 16V Eng. EP6 1598ccm 88kw(120PS)	08→	77 4	IN	V1673 	753450880	28,8x5x105,7	45 3	VV519 VV519N		5x9,03x41 +0,05	B A
			EX	V1674 	754718780	26x5x110,1	45 3	VV520 VV520N		5x9,03x44,5 +0,05	B A
DS4/DS5 Eng. 5FU(EP6DTX) 1598ccm	11→	77 4	IN	V2031 	0948.G4	29,7x5x95,1	45 3	VV519 VV519N		5x9,03x41 +0,05	B A
			EX	V1674 	0949.E2	26x5x110,1	45 3	VV520 VV520N		5x9,03x44,5 +0,05	B A

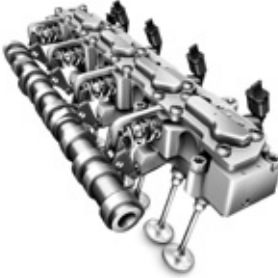
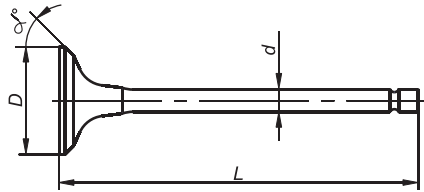
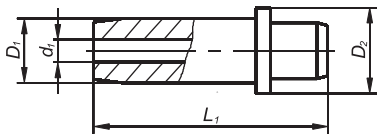
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN											
Saxo VTS 1.6 16V Eng. TU5J4 1587ccm 72/87kw(98/118PS)	99→ 4	IN EX	V1341 V1162	96254648 96254645	28,8x6x104,4 24,5x6x104,4	45 45	1 1	VV201 VV201.1 VV201 VV201.1	0220.95 0220.95	6x11,08x40 +0,05 6x11,08x40 +0,05	B F B F
Xsara Picasso 1.6i Saxo 1.6i VTS Picasso Pack 1.6i ZX 1.6i Eng. TU5JP 1587ccm 66kw(90PS)	99→ 99→ 02→ 96→	IN EX	V631 V1164	96260498 96101887	39,4x7x111,5 31,3x7x111,5	45 45	3 3	VV283 VV283.1 VV283.2 VV283 VV283.1 VV283.2	0220.84 0220.83 0220.84 0220.83	7x13,07x48,5 +0,05 +0,20 7x13,07x48,5 +0,05 +0,20	B F B F
C2 1.6 16V C3 1.6 16V C4 1.6 16V Berlingo 1.6 16V Saxo 1.6 16V Xsara Coupe 1.6 16V Eng. TU5JP4 NFU DOHC 1587ccm 81kw(110PS)	02→ 02→ 03→ 01→ 96→ 01→	IN EX	V1161 V1162	96362980 0948.A9 96394179 0949.A8	31,2x6x103,8 24,5x6x104,4	45 45	1 1	VV201 VV201.1 VV201 VV201.1	0220.95 0220.95	6x11,08x40 +0,05 6x11,08x40 +0,05	B F B F
C 15 1.6 BX 16 RE/RS/S/TRI/TRS 1.6 BX 15 1.6 Eng. 171C (XU5S) ZX 1.6 Aura Eng. XU5M Visa GTi 1.6 Eng. 180A (XU5J) 1580ccm 44/77kw(60/105PS)	91→ 84→ 92→	IN EX EX	V967 V968 V1116	91512096 91512944 91537493 91513446 91537493 91508631	40x8x108,8 33x8x108,1 32x8x108,7	45 45 45	1 1 1	VV241 VV241.1 VV241.2 VV242 VV242.1 VV242.2	0220.64 0220.63 0220.72 0221.17	8x13,07x38,7 +0,05 +0,20 8x13,07x45 +0,05 +0,20	B F3 B F
Xsara Picasso 1.8 16V C5 1.8 16V Eng. EW7J4, GFZ 1749ccm 85kw(116PS)	01→ 01→	IN EX	V1453 V1454	0948.A4 0949.A4	29,8x6x106 27,2x6x104	45 45	1 1	VV339 VV339N VV340 VV340N	02130.12 02130.13	6x12,07x40 +0,05 6x12,07x40 +0,05	B F G F

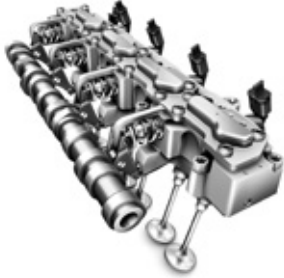
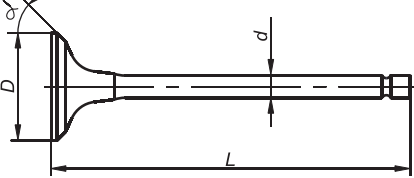
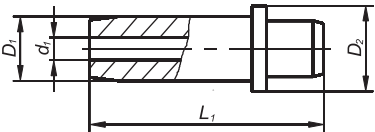


CITROEN

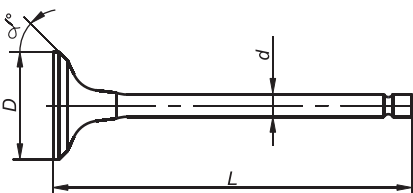
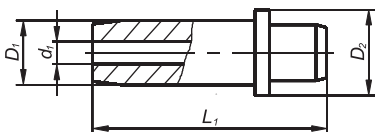
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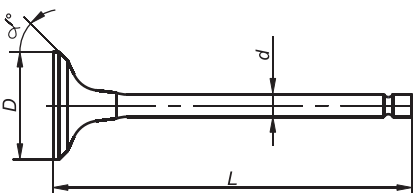
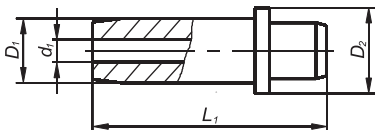
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN											
Berlingo Familiar 1.8i Eng. XU7JB, LFX 1761ccm 66kw(99/90PS)	96→ 83 4	IN	V723	91535017 91537468	41,6x8x108,8	45	1	VV241 VV241.1 VV241.2	0220.64 0220.63	8x13,07x38,7 +0,05 +0,20	B F3
ZX 1.9i 16V Eng. DFY 1905ccm 88/90kw(120/122PS)	93→ 88/90kw(120/122PS)	EX	V724	91535019 91537470	34,5x8x108,4	45	1	VV242 VV242.1 VV242.2	0220.72 0221.17	8x13,07x45 +0,05 +0,20	B F
BX 19 GTI 1.9 Eng. D2C (XU9-J2) 1905ccm 75/92kw(102/125PS)	86→ 83 4	IN	V1575	91537489	41,6x8x105,2	45	1	VV241 VV241.1 VV241.2	0220.64 0220.63	8x13,07x38,7 +0,05 +0,20	B F3
		EX	V1576	91537491	34,5x8x104,8	45	1	VV242 VV242.1 VV242.2	0220.72 0221.17	8x13,07x45 +0,05 +0,20	B F
BX 19 1.9 16V Eng. D6A(XU9J4) 1905ccm 118kw(160PS)	86→ 83 4	IN	V1273* * Retainer s.e. 4 mm	91540748	34,6x7x106,4	45	3	VV413 VV413.1	0220.73	7x12,08x40 +0,03	B F3
		EX	V1274* * Retainer s.e. 4 mm	91540782	29,6x7x105,8	45	3	VV244 VV244.1	0221.19	7x12,08x40 +0,03	B F
Xantia X 1.8i 16V Xsara VTS 1.8i 16V Xsara Picasso 1.8i 16V ZX 1.8i 16V Eng. XU7JP4, LFY DOHC 1761ccm 66/81kw(80/110PS)	95→ 97→ 99→ 96→ Eng. XU7JP4, LFY DOHC 1761ccm 66/81kw(80/110PS)	EX	V909* * Retainer s.e. 2,2 mm V910* * Retainer s.e. 2,2 mm	96172597 96172795	34,6x7x106,4 29,6x7x105,7	45	3	VV244 VV244.1 VV244 VV244.1	0221.19 0221.19	7x12,08x40 +0,05 7x12,08x40 +0,05	B F <

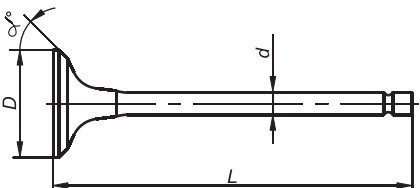
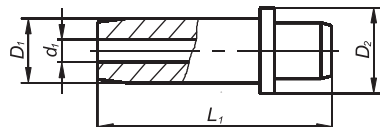
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN											
ZX 1.8i 16V Xantia VTS 1.8i 16V Xsara, Wagon 1.8i 16V Xsara, Picasso 1.8i 16V Eng. XU7JP4, LFY DOHC 1761ccm 66/85kw(90/116PS)	97→ 97→ 97→ 99→	83 4 EX	IN V1184	96289433 96298611	34,6x6x106,3 29,6x6x105,7	45 45	1 1	VV317 VV317.1 VV318 VV318.1	0221.25 0221.24	6x12,06x40,8 +0,05 6x12,06x40,8 +0,05	B F G F
ZX 2.0i 16V Eng. XU10J4, RET DOHC 1998ccm 120kw(163PS) Evasion 2.0i 16V Xantia SX/Combi 2.0i 16V Xsara 2.0i 16V XM 2.0i 16V Eng. XU10J4R DOHC 1998ccm 97/100kw(132/136PS)	96→ 97→ 95→ 98→ 94→	86 4 EX	IN V1184	96289433 96298611	34,6x6x106,3 29,6x6x105,7	45 45	1 1	VV317 VV317.1 VV318 VV318.1	0221.25 0221.24	6x12,06x40,8 +0,05 6x12,06x40,8 +0,05	B F G F
C25 1.8 Eng. XM7T 1796ccm 51kw(69PS) C25 1300 2.0 C32 2.0 Eng. XN1T/XN1 1971ccm 57kw(77PS)	81→ 81→ 74→	84 4 88 4	IN EX	V593 V594	91510548 91520847	42,6x8x118,6 35,5x8x112,2	60 45	1 1			
C4 ALLCROS Eng. SFZ 1998ccm	08→	4	IN EX	V2253 V2254	0948.F2 0949.E7	35x5,5x113,2 29x5,5x105,8	45 45	1 1			
Xsara/Picasso 2.0i 16V Evasion 2.0i 16V Jumpy 2.0i 16V C4 2.0i 16V C5 2.0i 16V C8 2.0i 16V Synergie 2.0i 16V Eng. EW10J4/RFN 1998ccm 101kw(137PS)	98→ 98→ 00→ 04→ 01→ 02→ 00→	85 4 EX	IN V1092	96239503 0948.99 96360017 0949.99	33,3x6x106,2 28,9x6x103,6	45 45	1 1	VV339 VV339N VV340 VV340N	02130.12 02130.13	6x12,07x40 +0,05 6x12,07x40 +0,05	B F G F

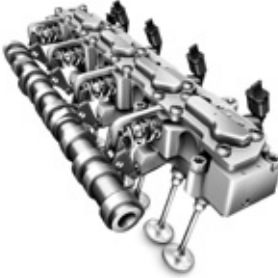
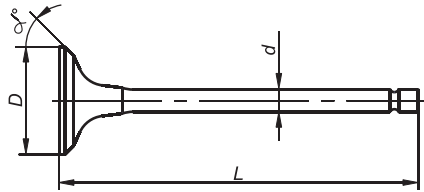
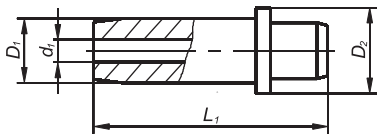
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN											
C5 2.0 HPI 16V 02→ Eng. EW10D DOHC Mpi, RLZ 1997 ccm 103kw(140PS)	85 4	IN	V1315	0948.A7	32,4x6x105	45	1	VV339	02130.12	6x12,07x40	B
		EX	V1316	0949.A7	29,2x6x102,6	45	1	VV339N VV340 VV340N	02130.13	+0,05 6x12,07x40 +0,05	F G F
ZX 2.0i 16V 96→ Xsara VTS 2.0i 16V 97→ Eng. XU10J4RS, RFS 1998ccm 120kw(163PS)	86 4	IN	V933	96246139 0948.82	34,1x6x106,4	45	1	VV449 VV449.1		6x12,07x40,8 +0,05	B F
		EX	V934	96203976 0949.87	30,7x6x105,3	45	1	VV449 VV449.1		6x12,07x40,8 +0,05	B F
XM Ambiance, Harmonie 2.0i 89→ ZX Volcano 2.0i 93→ Xantia 2.0i 93→ Jumper 27C/31C Combi 2.0i 94→ Eng. XU102C/J2, RFX 1998ccm 79/89kw(107/121PS)	86 4	IN	V997	96059361 96060701	42,6x8x108,8	45	3	VV239 VV239.1 VV239.2	0220.85	8x13,08x43,6 +0,05 +0,20	B F
		EX	V998	96147032 96060704 96147032	34,5x8x108,4	45	3	VV240 VV240.1 VV240.2	0221.21	8x13,08x50,6 +0,05 +0,20	B F
Evasion V,VSX 2.0i Turbo 94→ Xantia 2.0i Turbo 95→ XM 2.0i Turbo 94→ Eng. XU10J2TE, RGX Turbo 1988ccm 108kw(147PS)											
C8 2.2 16V 02→ Eng. EW12J4/3FZ 2179ccm 98/116kw(133/158PS)	86 4	IN	V1455	0948.A1	35x6x106	45	1	VV339 VV339N	02130.12	6x12,07x40 +0,05	B F
		EX	V1456	0949.A2	31,1x6x102,9	45	1	VV340 VV340N	02130.13	6x12,07x40 +0,05	G F
C5 V6 3.0 24V 01→ C8 V6 3.0 24V 02→ Eng. ES9J4S/XFX 2946ccm 150/152kw(204/207PS)	87 V6	IN	V1247	96304413 0948.A5	35x6x108,4	45	1	VV201 VV201.1	0220.95	6x11,08x40 +0,05	B F
		EX	V1248	96401813 0949.A5	30,5x6x106,9	45	1	VV201 VV201.1	0220.95	6x11,08x40 +0,05	B F
CX 2000 79-82 CX 2.0 82-92 CX 2.2 85-92 Eng. 825A5/J6TA 500 1995/2165ccm 75-78/83-85kw(102-106/113-115PS)	88 4	IN	V1943	094836 95 536 524	43,9x8x112	60	1				
		EX	V1920	094932	37x8x111,3	45	1				
		EX	V1944	95 536 523	38,6x8x111,4	45	1				

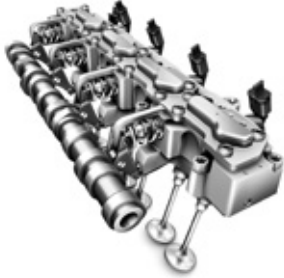
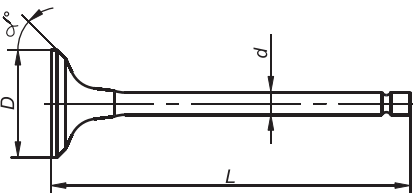
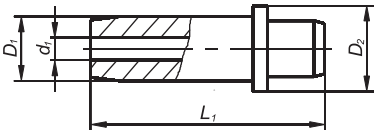
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS $d_1 \times D_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN DIESEL											
C3 1.4 HDi 16V Eng. DV4 TED4, 8HY 1398ccm 66kw(90PS)	04→	73,7 4	IN	V1457	0948.C4	24,3x5,5x96,4	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
			EX	V1458	0949.C1	22,4x5,5x96,6	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
C1 1.4 HDi C2 1.4 HDi C3 1.4 HDi Xsara 1.4 HDi Eng. DV4 TD, 8HX 1399ccm 50kw(68PS)	05→ 03→ 02→ 03→	73,7 4	IN	V1205	0948.C2	32,8x5,5x97,3	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
			EX	V1206	0949.B1	30,3x5,5x97,3	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
AX 14 D/RD/TRD 1.4 D ZX 1.4D Eng. TU D3 SOHC/K9A, K9Y 1361ccm 39kw(53PS)	88→ 92→	75 4	IN	V809 V809N3	95638449 96012815	35,5x7x108,4 +1,0S	45 1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F
			EX	V810 V810N3	95638450 96012816	30,6x7x108,2 +1,0S	45 1	VV210 VV210.1 VV210.2		7x13,07x42,8 +0,05 +0,20	B F
C2 1.6 HDi 16V C3 1.6 HDi 16V C4 1.6 HDi 16V C5 1.6 HDi 16V Xsara Picasso 1.6 HDi 16V Berlingo 1.6 HDi 16V Eng. DV6TED4, 9HZ/9HY 1560ccm 66/80kw(90/109PS)	05→ 05→ 04→ 04→ 04→ 05→	75 4	IN	V1493	96450247 0948.C7	25,6x5,5x96,4	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
			EX	V1494	96408400 0949.C3	23,4x5,5x96,6	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
DS5 1.6 HDi DS4 1.6 HDi DS3 1.6 HDi C3 1.6 HDi C4 1.6 HDi C5 1.6 HDi Eng. 9HP (DV6DTEd) 1560ccm 68/69kw(92/94PS)	11→ 11→ 10→	75 4	IN	V2049	0948.F7	30,15x5,5x95,6	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
			EX	V2050	0949.F5	27,5x5,5x95,5	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
Berlingo 1.6 HDi Eng. 9HR (DV6C), 9HN (DV6ETED) 1560ccm 55/81/84kw(75/110/114PS)											

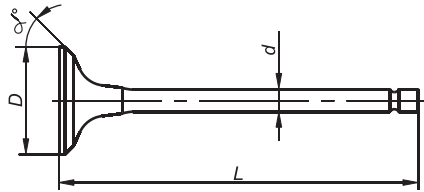
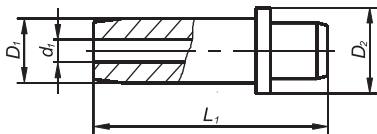
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			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN DIESEL											
AX 15 DX, SX, VSX 1.5D Eng. TU D5, VJY 1527ccm 43kw(58PS)	94→ 4	77 4	IN V1089 V1089N1	96150145 96033454	37x7x108,5 +0,5S	45	1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F
Saxo 1,5D, SX/VSX Xsara/Break 1,5D SX ZX 1,5D Eng. TUD5, VJY/VJZ 1527ccm 40/42kw(54/57PS)	96→ 97→		EX V1090 V1090N1	96150144	31,5x7x108,2 +0,5S	45	1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F
BX 17 D/RD/Evasion 1.8D C15D 1.8D Visa 17 D/RD/Leader 1.8D Berlingo 1.8D ZX Reflex/Aura Xsara 1.8D Eng. 161A(XUD7) 1769ccm 44kw(60PS)	84→ 84→ 86→ 96→ 91→ 97→	80 4	IN V709 V709N1 V709N3	93501279 93501070	38x8x112,4 +0,5S +1,0S	60	1	VV148 VV148.1 VV148.2	0220.55	8x14,06x50 +0,03 +0,18	B A
BX 19 D/RD/TRD 1.9D Eng. 162(XUD9) 1905ccm 48kw(65PS)	83→	83 4	EX V710 V710N1 V710N3	93510774 96137360	33x8x111,9 +0,5S +1,0S	45	1	VV148 VV148.1 VV148.2	0220.55	8x14,06x50 +0,03 +0,18	B A
BX, Evasion 1.8D C15 1.8D Visa RD/Leader 1.8D Xsara 1.8D ZX Break 1.8 D Berlingo 1.8 D Eng. XUD7/161A 1769ccm 44/66kw(60/90PS)	86→ 86→ 86→ 97→ 93-97 96→	80 4	IN V721 V721N1 V721N3	93510415 93510365	38,5x8x112,4 +0,5S +1,0S	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,20	B A
ZX 1.9 D Xantia 1.9 D Eng. XUD9A Xsara X/SX 1.9 D Xantia 1.9 TD Eng. XUD9SD, DHV 1905ccm 50/52kw(68/71PS)	93-97 94→ 97→ 93→	83 4	EX V722 V722N1 V722N3	93510774 96137360	33x8x111,9 +0,5S +1,0S	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,20	B A

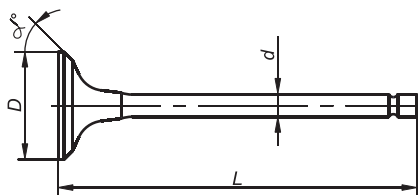
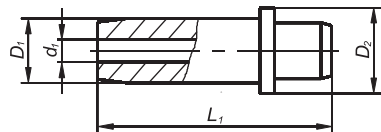
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CITROEN DIESEL												
C25 1.9D	88→	83	IN	V721	93510415	38,5x8x112,4	45	1	VV186	0220.75	8x14,06x52	B
Dispatch 1.9 D	96→	4			93510365				VV186.1		+0,05	A
Berlingo 1.9 D	96→			V721N1		+0,5S			VV186.2	0220.65	+0,20	
Relay 1.9 D	92→			V721N3		+1,0S						
Jumper 27D/31D 1.9D	94→											
Xantia 1.9 S/Sx	93→		EX	V722	93510774	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
BX 1.9 D/RD/TD	83→				96137360				VV186.1		+0,05	A
Eng. XUD9A, B.L.Y, D9B				V722N1		+0,5S			VV186.2	0220.65	+0,20	
1905ccm	51kw(71PS)			V722N3		+1,0S						
BX 2.1 D/RD/TRD	86→		EX	V710	93510773	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
Eng. 162/XUD9)					93501280				VV186.1		+0,05	A
2088ccm	81kw(110PS)			V710N1		+0,5S			VV186.2	0220.65	+0,20	
				V710N3		+1,0S						
BX DTR 1.8 TD	88→	80	IN	V721A	96 005 391	38,5x8x112,4	45	1	VV187		8x14,06x48	B
C15 1.8 TD	90→	4		V721N1		+0,5S			VV187.1		+0,05	F
ZX 1.8 TD	92→			V721N3		+1,0S						
Eng. XUD7-TE/A8A-Turbo Diesel												
1769ccm	44/66kw(60/90PS)		EX	V710	93 510 773	33x8x111,9	45	1	VV187		8x14,06x48	B
					93 501 280				VV187.1		+0,05	F
ZX Advantage, Aura 1.9 TD	93→	83		V710N1		+0,5S						
ZX Volcane 1.9 TD	93→	4		V710N3		+1,0S						
Xantia X, SX, VSX 1.9 TD	93→											
Evasion SV, X, SX,V 1.9 TD Jumper, Combi,			EX	V722	93 510 774	33x8x111,9	45	1	VV187		8x14,06x48	B
Confort 1.9 TD	93→				96 137 360				VV187.1		+0,05	F
Jumpy, Xsara Break 1.9 TD	97→			V722N1		+0,5S						
Eng. XUD9 TE,TF/DHX/DHY				V722N3		+1,0S						
Jumpy 1.9 TD	94→											
Exclusive 1.9 TD	95→											
Xsara SX 1.9D	97→											
Xantia Break, Exclusive 1.9D	95→											
Evasion 1.9 TD	95→											
Berlingo 1.9 TD	98→											
Eng. XUD9 BTF/DW8TD												
1905ccm	66/68kw(90/92PS)											

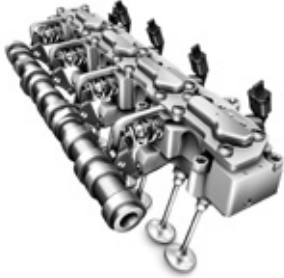
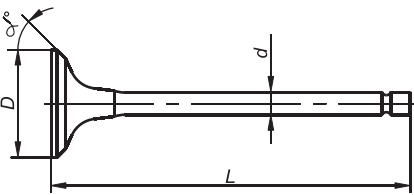
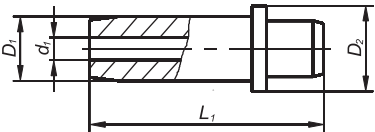
	CYL. Ø Nº	IN EX																
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE							
1	2	3	4	5	6	7	8	9	10	11	12							
CITROEN DIESEL																		
C25 1.9 TD Eng. 280 A1.000 – Fiat 1929ccm 60kw(82PS)	92→	82,6 4	IN	V707	7 547 158	37,5x8x116,5	45	1	VV69	4 250 803	8x14,06x46,5	G						
									VV69.1	4 372 160	+0,03	F						
									VV69.2	4 372 161	+0,08							
									VV69.3	4 250 804	+0,18							
									VV69.4	4 372 162	+0,23							
		EX	V708	7 588 577	33,5x8x116,5	45	1	VV69	4 250 803	8x14,06x46,5	G							
								VV69.1	4 372 160	+0,03	F							
								VV69.2	4 372 161	+0,08								
								VV69.3	4 250 804	+0,18								
								VV69.4	4 372 162	+0,23								
Berlingo 2.0 HDi C5 2.0 HDi Evasion 2.0 HDi Jumpy 2.0 HDi Jumper 2.0 HDi Xantia 2.0 HDi Xsara 2.0 HDi Xsara Picasso 2.0 HDi Eng. DW10TD/DW10ATED/RHY/RHZ C8 2.0 HDi 16V Jumpy 2.0 HDi 16V Eng. DW10ATED4 1997ccm 66–82kw(90–112PS)	99→ 01→ 99→ 99→ 98→ 98→ 99→ 99→ 02→ 99→	85 4	IN	V1085	96247742 0948.95	35,6x6x107,1	45	3	VV378	0220.A2	6x10,06x41,5	G						
									VV378.1		+0,05	A						
									VV266	0220.A1	6x12,07x42,5	G						
									VV266.1		+0,05	F						
									EX	V1086	96247745 0949.96	33,8x6x107,1	45	3	VV378	0220.A2	6x10,06x41,5	G
		VV378.1		+0,05	A													
		VV266	0220.A1	6x12,07x42,5	G													
		VV266.1		+0,05	F													
		XM D12 2.1 TD 12V Ambiance, Harmonie Eng. XUD11ATE, P8A/PHZ Turbo Xantia, XM, Evasion 2.1 TD 12V Eng. XUD11BTE, P8C Turbo 2088ccm 81kw(110PS) XM D12 2.1 12V Eng. XUD11A, P9A 2138ccm 61kw(83PS)	94→ 89→ 95→	85 4	IN	V1095	96007817 96008334	33,9x8x122,3	45	3	VV245		8x13,08x54,5	B				
VV245.1	94560290										+0,20	F						
EX	V1096										96079213 96042957 96109183	33,9x8x121,9	45	3	VV245		8x13,08x54,5	B
															VV245.1	94560290	+0,20	F
86 4																		

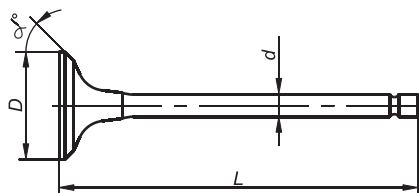
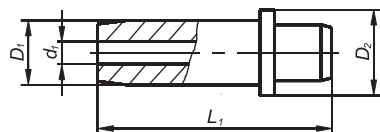
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			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN DIESEL											
C4 2.0 HDI 16V C5 2.2 HDI 16V Eng. DW10BTED4/RHR 1997 ccm 100kw(136PS)	04→ 04→ 100kw(136PS)	85 4 									

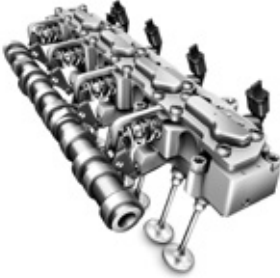
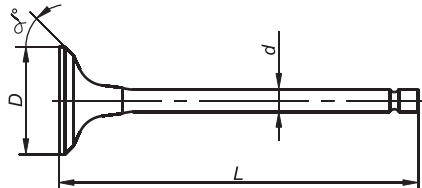
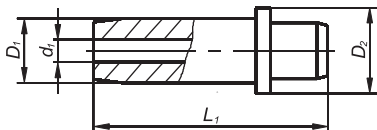
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN DIESEL											
Jumper 2.2 HDi 06→ Eng. 4HV (P22DTE) 2198 ccm 74-103kw(101-140PS)	86 4	IN	V1987	0948.E6	29,8x7x122,2	60	3	VV525		7x12,06x51,5	G
		EX	V1988	0949.E3	25,8x7x122	45	3	VV525N		+0,05	A
C32, C35 2.2 D 73-79 Eng. B22/615 C25, C35 2.2 D 75-78 CX 2500 2.2 D 75-78 Eng. M22/621 2175 ccm 45/49kw(62/69PS)	90 4	IN	V1623	95569116 5478734	42x8x121,4	45	3				
		EX	V1624	95569117 5457479	35x9x121,4	45	3				
C35, C45 2.5 D 80-90 Eng. B25/637 2499 ccm 50kw(68PS)	93 4										
C25 2.5 D 81-94 Eng. U25/651 CX 2.5 D 78-85 Familiare, Prestige CX 25 RD/TRD 2.5 D 78→ CX25 2.5 D 82-92 C35 2.5 D 78-90 Eng. M25/660, 629 2499 ccm 55kw(75PS)											
C25 2.5 TD 87-94 Eng. CRD 93 LS Turbo CX2500 2.5 TD 80-86 Eng. M25/648 2499 ccm 70/88kw(95/120PS)											
XM 2.5TD VSX, VSX Break 12V 95→ Jumper Combi Club 2.5 12V 95→ Eng. DK5-A E, THY Turbo XM 2.5D/TD VSX, VSX Break 12V 94→ Jumper,Combi Club 2.5D/TD 12V 94→ Eng. DJ5/DJ5T, T9A/T8A 2446 ccm 76/96kw(103/130PS)	92 4	IN	V1121	96095457	36,9x7x127,9	45	3	VV246	0220.93	7x13,06x54	B
			V1121N1 V1121N3		+0,5S +1,0S			VV246N VV246.1		+0,05 +0,20	F
		EX	V1122	96096146 96304239	36,9x7x127,5	45	3	VV246	0220.93	7x13,06x54	B
			V1122N1 V1122N3		+0,5S +1,0S			VV246N VV246.1		+0,05 +0,20	F

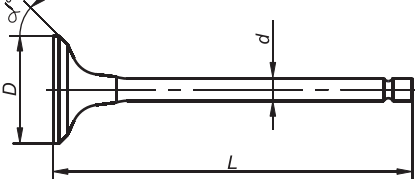
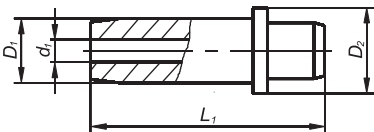
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN DIESEL											
Jumper 2.5 TDi 12V 97→	92	IN	V955	96180328	41x7x115,7	45	3	VV291	0220.94	7x13,06x43,1	B
Relay 2.5 TDi 12V 97→	4							VV291.1		+0,05	F
Eng. DJ5TED SOHC, T8A Turbo											
2446 ccm 79kw(107PS)		EX	V956	96267448	37,8x7x115,4	45	3	VV291	0220.94	7x13,06x43,1	B
								VV291.1		+0,05	F
Jumper 31 2.8 D 01→	94,4	IN	V679	0948.96	43,5x8x122	60	1	VV57	4 749 395	8x13,03x56	G
Sofim	4		V679N3		+1,0S			VV57.1	4 749 397	+0,03	F
2798ccm 63kw(86PS)								VV57.2	4 749 398	+0,08	
								VV57.3		+0,18	
								VV57.4	4 749 399	+0,23	
		EX	V681	0949.A0	35,9x8x122	45	1	VV57	4 749 395	8x13,03x56	G
			V681N3		+1,0S			VV57.1	4 749 397	+0,03	F
								VV57.2	4 749 398	+0,08	
								VV57.3		+0,18	
								VV57.4	4 749 399	+0,23	
Jumper 31 2.8 TD 01→	94,4	IN	V326	7 301 820	41x8x120,7	60	1	VV57	4 749 395	8x13,03x56	G
Sofim	4			0948.A2				VV57.1	4 749 397	+0,03	F
Jumper 33-35 2.8 HDi 00→			V326N3		+1,0S			VV57.2	4 749 398	+0,08	
Eng. 8140.43S 00→								VV57.3		+0,18	
Eng. 8140.43N 04→								VV57.4	4 749 399	+0,23	
2798ccm 94/107kw(128/146PS)											
		EX	V681	99432837	35,9x8x122	45	1	VV57	4 749 395	8x13,03x56	G
			V681N3	0949.A0	+1,0S			VV57.1	4 749 397	+0,03	F
								VV57.2	4 749 398	+0,08	
								VV57.3		+0,18	
								VV57.4	4 749 399	+0,23	
Jumper 3.0 HDi 07→	95,8	IN	V1697	504072531	32,4x6x119,9	60	3	VV335	504053804	6x10,04x49	G
Eng. F1CE0481A	4							VV335.1		+0,03	A
2998 ccm 116kw(158PS)								VV335.2		+0,23	
		EX	V1698	504081062	32,4x6x119,9	60	3	VV335	504053804	6x10,04x49	G
								VV335.1		+0,03	A
								VV335.2		+0,23	

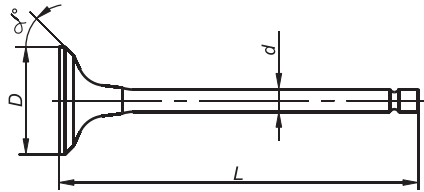
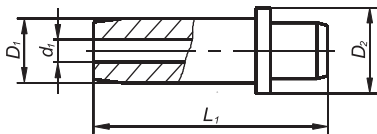
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CLAAS											
Eng. 1104D-E44T Euro 3 4400ccm 55/75kw(75/102PS)	105 4	IN	V1867		46,3x9x129,2	60	1				
		EX	V1868		41,6x9x129,2	60	1				
CUMMINS											
ENG. LT/LTA 10 10.0 TD A225 – C225 – C250 84→		IN	V891	3033234 3801357	42,5x9,5x176,4	60	1				
		EX	V892	3818520 3803995	42,5x9,5x176,4	60	1				
2.8		IN	V1995		32,6x6x106,2	60	1				
		EX	V1996		29x6x106,7	45	1				
ENG. 4B/4BT 3.9 TD D357T 3922ccm 81kw(110PS) Eng. 6B/6BT 5.9 TD 5880ccm 108kw(147PS)	102 4 102 6	IN	V527 V527N5 V527N6	3920867 3802355	45x8x129,1 +0,2d +0,4d	60	18				
		EX	V528 V528N5 V528N6	3920868 3901607	42x8x129,1 +0,2d +0,4d	45	1				
Eng. 6C 8.3 8270ccm 127/274kw(172/372PS) Eng. 6CT 8.3 Euro 2 8270ccm 127/274kw(172/372PS)	114 6	IN	V1933	3802275 3924472 3802463 3924492	52x9,5x151	60	1	VV606		9,5x16x72	G A
		EX	V1934	3902254 3921444 3802085	46x9,5x150,9	45	1	VV606		9,5x16x72	G A

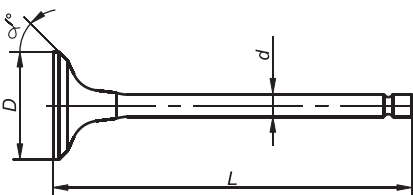
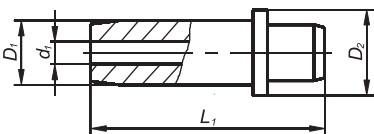
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CUMMINS											
ENG. NH230, 230B, 250 ENG. NH250 B/C/P ENG. NHC250 ENG. NHD230 ENG. NHE220, 225, 225B E NG. NHF 240, 265 ENG. NHH 250 ENG. NH CT ENG. NTCC 250S, 290, 350 Big Cam Engines ENG. NHCT-CT/270 ENG. NTC 270 CT/E, 290 Power Torque 270 ENG. Formula 230, 250, 290, 350 ENG. NT 270, 280, 300, 310, 335, 400 ENG. NTA 370, 400, 420 ENG. NTC 230, 250, 280, 335, 350, 400 ENG. NTCC 400, NTF 365 ENG. N 927 Power Torque 300, 330 Super 250/B 270 9640ccm 147kw(200PS)	60→	139,7 6	IN	V410A	135 957	47,5x11,5x179,5	60 2	VV26	3006456	11,5x19,1x86,1	G A
			EX	V410	145 701	47,5x11,5x179,5	60 2	VV26	3006456	11,5x19,1x86,1	G A
ENG. NTA 380 14011ccm	60→	139,7 6	IN	V410	145701 3040830	47,5x11,5x179,5	60 2	VV26	3006456	11,5x19,1x86,1	G A
ENG. V/VT/TA 1710 23171ccm	60→	139,7 V-12	EX	V410	145701 3040830	47,5x11,5x179,5	60 2	VV26	3006456	11,5x19,1x86,1	G A
Eng. 1SC 24V TD 8300ccm		6	IN	V1877	3942588 3800340	38x8x137,8	60 1	VV582		8x14x49,5	G A
			EX	V1878	3942589 3800341	38x8x137,8	45 1	VV582		8x14x49,5	G A
Eng. 5.9 ISB TD 24V 5900ccm		6	IN	V1297 V1297N1 V1297N2 V1297N5	3940735	33x7x124,7 +0,5S +0,8S +0,2d	60 1				
			EX	V1298 V1298N1 V1298N2 V1298N5	3940734	33x7x124,3 +0,5S +0,8S +0,2d	45 1				

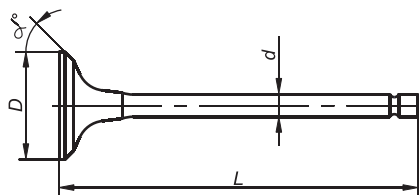
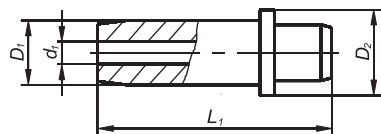
											
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CUMMINS											
G Series 3900ccm G3.9/G5.9B 5900ccm	06→ 6	IN	V2259	3802659 3922714	45,1x8x129,2	70	1				
		EX	V2260	3802658 3922713	42x8x129,1	70	1				
Eng. ISX		IN	V2257	4965868	47,6x9,6x216	70	1				
		EX	V2258	4101454	45,5x9,6x223,8	45	1				
C SERIES GAS-EPG	6	IN	V2261	3802813 3927254	52x9,5x151	70	11				
		EX	V2262	3802812 3927255	46x9,5x150,9	70	1				
Eng. G14-GTA 855 GAS 14000ccm	12→ 6	IN	V2263	3394112	47,6x11,5x200,2	70	2				
		EX	V2263	3394112	47,6x11,5x200,2	70	2				
ENG. "K" Series Model KTA, KT 1150 5760ccm 88kw(120PS)	159 6/12	IN	V477	207241 3088393	56,3x12,6x191,8	60	5	VV25	3018818	12,6x21,5x96,5	G A1
		EX	V478	3035110 3088391	56,3x12,6x191,8	60	5	VV25	3018818	12,6x21,5x96,5	G A1
DACIA											
Sandero 1.2i 16V Eng. D4F – Renault 1149ccm 55kw(75PS)	08→ 69 4	IN	V1165	7701 472 986	26x5,5x110,7	45	3	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
		EX	V1166	7701 473 004	22x5,5x112,5	45	3	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
Dokker 1.2 Eng. H5F 1200ccm	13→ 4	IN	V2131	132017322R	26,5x5,5x100,9	45	3				
		EX	V2132	132027223R	23,5x5,5x101,7	45	3				

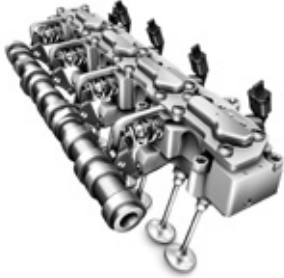
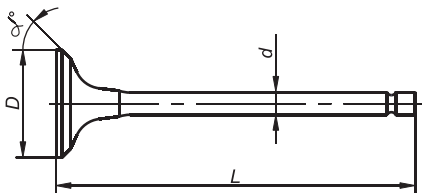
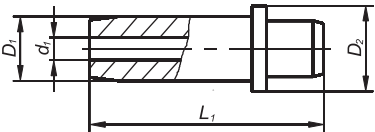
												
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
DACIA												
Dacia 1310 Sedan Eng. 810–02/99 1289ccm 40kw(54PS)	83→ 4	73 4	IN	V581	7701 458 180	33,4x7x89,8	45	1	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
			EX	V582	7701 460 690	28,9x7x88,8	45	2	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
Logan 1.4i Sandero 1.4i Solenza 1.4i Eng. E7J, K7J 1390ccm 55/59kw(75/80PS)	04→ 08→ 03→	75,8 4	IN	V673	7700 273 371	37,6x7x107,8	60	1	VV203 VV203.1		7x12,06x42 +0,05	B F
			EX	V674	7701 465 090	33,6x7x107,8	45	1	VV204 VV204.1		7x12,06x49 +0,05	B F
Logan 1.6i Sandero 1.6i Eng. K7M 1598ccm 55/64/66kw(75/87/90PS)	04→ 08→	79,5 4	IN	V673	7700 273 371	37,6x7x107,8	60	1	VV203 VV203.1		7x12,06x42 +0,05	B F
			EX	V674	7701 465 090	33,6x7x107,8	45	1	VV204 VV204.1		7x12,06x49 +0,05	B F
Logan 1.4i 16V Eng. K4J – Renault 1390ccm 70/72kw(95/98PS)	99→	79,5 4	IN	V1013	7701 471 378	32,7x5,5x109,3	45	1	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
Logan 1.6 16V Eng. K4M.690 – Renault 1598ccm 79kw(107PS)	04→		EX	V1014	7701 471 379	28x5,5x107,6	45	1	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
DACIA DIESEL												
Logan 1.5dCi Sandero 1.5 dCi Eng. K9K Turbo 1461ccm 50/60/63kw(68/82/86PS)	03→ 08→	76 4	IN	V979	7701 473 184	33,4x6x101	45	3	VV319 VV319.1 VV319N		6x11,07x40,5 +0,05 +0,20	B F
			EX	V980	7701 473 183	28,9x6x100,8	45	3	VV319 VV319.1 VV319N		6x11,07x40,5 +0,05 +0,20	B F

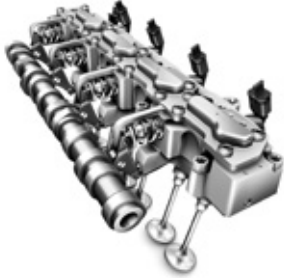
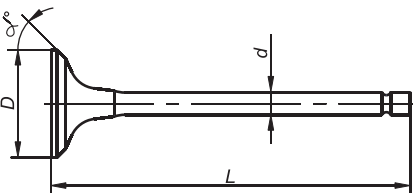
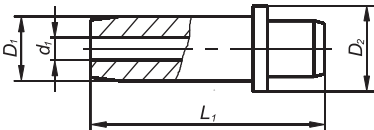
												
		CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1		2	3	4	5	6	7	8	9	10	11	12
DACIA DIESEL												
Solenza 1.9D Eng. FQ600 1870ccm 44/48kw(60/65PS)	03→	80	IN	V837	7701 468 035	35,2x8x111,6	45	1	VV146		8x13,06x39	B
		4	IN	V885	7701 469 369	35x8x110	45	1	VV146.1		+0,05	F
			IN	V855 V855N3	7701 465 107	36,1x8x111,7 +1,0S	60	1	VV146.2		+0,20	
Solenza 1.9D Eng. FQ636 1870ccm 45kw(63PS)	03→		EX	V856 V856N3	7701 462 814	31,6x8x111,3 +1,0S	45	1	VV146 VV146.1		8x13,06x39 +0,05	B F
			EX	V886	7701 469 373	31,3x8x109,8	45	1	VV146.2		+0,20	
DAEWOO „see” CHEVROLET												
DAF												
Daf 55 1.1 Daf 66 1.1 Eng. 680 02/13 1108ccm 25/33kw(34/45PS)	67→75	70	IN	V581	7701 458 180	33,4x7x89,8	45	1	VV122	0710 939 000	7x11,14x41,5	G
		4							VV122.1		+0,05	A
									VV122.2	0710 941 000	+0,10	
									VV122.3	0710 941 100	+0,20	
Daf 66 1.3 Eng. 810 03/29 1289ccm 29/40kw(40/54PS)	73→75	73	EX	V582	7701 460 690	28,9x7x88,8	45	2	VV122	0710 939 000	7x11,14x41,5	G
		4							VV122.1		+0,05	A
									VV122.2	0710 941 000	+0,10	
									VV122.3	0710 941 100	+0,20	
DAF DIESEL												
LF 45. 130/150/170/180/220 3920ccm LF 55. 220/250 5880ccm	02→	71	IN	V1297	1404919	33x7x124,7	60	1	VV311		7x12,07x50,5	G
		4		V1297N1		+0,5S			VV311N		+0,05	B
		71		V1297N2		+0,8S						
		6		V1297N5		+0,2d						
			EX	V1298 V1298N1 V1298N2 V1298N5	1404918	33x7x124,3 +0,5S +0,8S +0,2d	45	1	VV311 VV311N		7x12,07x50,5 +0,05	G B

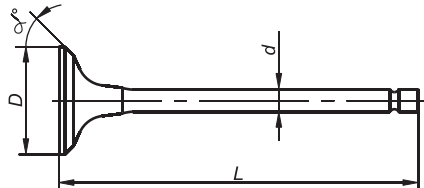
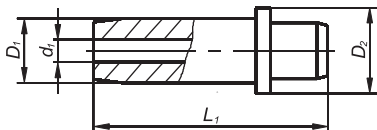
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
DAF DIESEL												
Series 400 12V Eng. DJ5T 96→	92 4	IN	V1121 V1121N1 V1121N3	96095457	36,9x7x127,9 +0,5S +1,0S	45	3	VV246 VV246.1	0220.93	7x13,06x54 +0,20	B F	
		IN	V955	96180328	41x7x115,7	45	3	VV291 VV291.1	0220.94	7x13,06x43,1 +0,05	B F	
		EX	V1122 V1122N1 V1122N3	96096146	36,9x7x127,5 +0,5S +1,0S	45	3	VV246 VV246.1	0220.93	7x13,06x54 +0,20	B F	
		EX	V956	96267448	37,8x7x115,4	45	3	VV291 VV291.1	0220.94	7x13,06x43,1 +0,05	B F	
Serijes 400 2.5D Eng. EN55/XD3P 2498ccm 52/58kw(70/79PS) 87→93	94 4	IN	V793	0948.49 0948.53	42,5x8,5x116	45	1	VV219 VV219.1 VV219.2 VV219.3	0220.16 0220.19	8,5x14,05x55 +0,05 +0,10 +0,20	G A	
		EX	V794	0949.50	35,5x8,5x116,3	45	1	VV219 VV219.1 VV219.2 VV219.3	0220.16 0220.19	8,5x14,05x55 +0,05 +0,10 +0,20	G A	
ENG.DNT/DNS 620 Turbo Series 1300, 1700, 1900 6329ccm 132/156kw(180/212PS) 87→	104,2 6	IN	V1169	286 292	44x10x142,4	60	1	VV270	752299	10x16,03x68	G F	
		EX	V1170	286 291	40x10x142,4	60	1	VV270	752299	10x16,03x68	G F	
ENG. H825, S825 Series F2505 8.3 12V 8250ccm 184kw(250PS) 89→	118 4	IN	V1711	394838	50x10x157,9	60	1	VV471	557284	10x16,05x79	G A	
		EX	V1712	394839	45,5x10x157,9	60	1	VV471	557284	10x16,05x79	G A	
ENG. 180L, 200L-ATi 220L-ATi Turbo Series 75.240/250 8.7 12V 75.270 8.7 12V 75.300 8.7 12V 8661ccm 180/200/222kw	92→ 92-97 92-97											

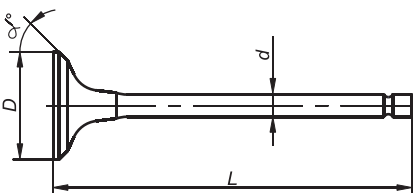
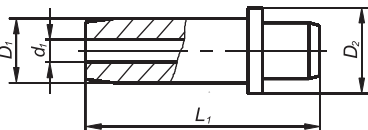
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
DAF DIESEL												
CF 75.310/360 9.2 12V 9200ccm	04→	118 6	IN	V1713	1345509	40,5x9x158	70	1	VV472	1313683	9x15,05x77	G A
			EX	V1714	1352127	37x9x154,4	45	1	VV472	1313683	9x15,05x77	G A
Serie AT 2400 Eng. DKA, DKL 1160 Serie AT 2400 FA Eng. DKB 1160 Serie FA, FAT 2600 Eng. DKT 1160 Serie FA, FAT 2800 Eng. DKS 1160 Turbo 11630ccm	69→76	130 6	IN	V2169	267356	55x11x152	60	1	VV570	655401 368893	11x17,51x70,2	G A
	69→76		EX	V2170	267357	48x11x150	60	1	VV570	655401 368893	11x17,51x70,2	G A
	73→											
	73→											
ENG.DKV 1160 ENG.DKXE 1160 Turbo FA 2805/3300 11630ccm	81→	130 4	IN	V1289	266 305	54,9x11x175	60	1	VV224	0266 425	11x17,55x75	G A2
	81→		EX	V1290	266 306	49,9x11x175	60	1	VV224	0266 425	11x17,55x75	G A2
ENG.DKX 1160 ATI FA/FAG/FT/FTG 3305 Turbo FAR/FTR 3300 Turbo FAD/FAT/FTT 3325 Turbo 11630ccm 260kw(354PS) ENG.DKZ 1160 Turbo FAS 3603 FA/FT 3605 FAD/FAT 3625 11630ccm	84→88	130 4	IN	V1289	266 305	54,9x11x175	60	1	VV224	0266 425	11x17,55x75	G A2
			EX	V1290	266 306	49,9x11x175	60	1	VV224	0266 425	11x17,55x75	G A2
85 CF 24V 95 CF 24V Eng. XF Euro2/Euro3 12580ccm	98→	130 6	IN	V1359*	1342220	45,5x9x163,8	70	1	VV325	1313683	9x15,04x76,5	G A
	98→			* Retainer s.e. 12 mm					VV472		9x15,05x77	G A
			EX	V1360*	1362696	42,5x9x158,8	45	1	VV325	1313683	9x15,04x76,5	G A
				* Retainer s.e. 7 mm					VV472		9x15,05x77	G A

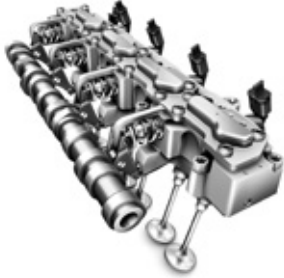
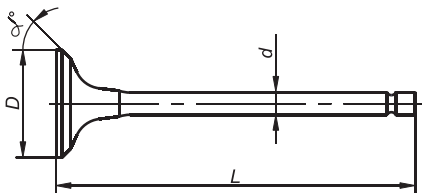
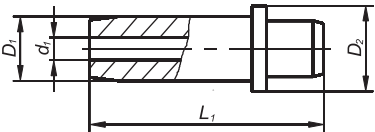
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
DAF DIESEL												
XF 250 M4V Euro 2 XF 315 M4V Euro 2 XF 355 M4V Euro 2 12583ccm	04→	130 6	IN EX	V1865 V1866	1307654 1327029	45,5x9x163,8 42,5x9x158,8	60 60	1 1	VV472 VV472	1313683 1313683	9x15,05x77 9x15,05x77	G A G A
85 CF 430 24V 95 XF 430 24V Eng. XF Euro2/Euro3 12580ccm 315kw(428PS)	04→	130 6	IN EX	V1421* * Retainer s.e. 8,9 mm V1360* * Retainer s.e. 7 mm	1603846 1362696	45,5x9x163,7 42,5x9x158,8	70 45	1 1	VV325 VV472 VV325 VV472	1313683 1313683	9x15,04x76,5 9x15,05x77 9x15,04x76,5 9x15,05x77	G A G A G A A
ENG. CF 85FA 85.410 ENG. CF 85FAC 85.410, FAX 85.410 ENG. CF 85FAD 85.410 ENG. CF 85FAG 85.410, FAN 85.410 ENG. CF 85FAR 85.410, FAS 85.410 ENG. CF 85FAT 85.410 ENG. CF 85FT 85.410 ENG. CF 85FTG 85.410 ENG. CF 85FTR 85.410, FTS 85.410, FTP 85.410 ENG. CF 85FTT 85.410 ENG. XF 105FA 105.410 ENG. XF 105FAD 105.410 ENG. XF 105FAK 105.410 ENG. XF 105FAK 105.410 ENG. XF 105FAT 105.410 ENG. XF 105FTM 105.410 ENG. XF 105FTS 105.410, FTR 105.410, FTG 105.410 12900ccm 300kw(408PS)	06→ 05→ 05→ 05→	130 6	IN EX	V1985 V1986	1684513 1678541	45,5x10x169,4 42,5x10x168,6	70 60	1 1	VV575 VV575		10x16,04x74 10x16,04x74	G F G F
Eng. MX13 Euro 6 12900ccm	14→	6	IN EX	V2363 V2364	1912976 1741505	44x10x169,8 41x10x169,6	70 60	1 1				

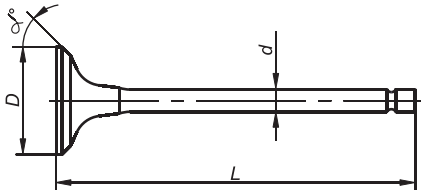
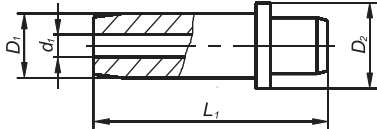
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
DAIHATSU											
Move Eng. ED-20 847ccm	97→	66,6 3	IN	V2053	13711-87202	34x7x111,1	45 1	VV327 VV327.1	11124 - 87701	7x12,09x50 +0,05	G A1
			EX	V2054	13715-87202	28x7x110,6	45 1	VV327 VV327.1	11124 - 87701	7x12,09x50 +0,05	G A1
Cuore VIII 1.0 Mk VIII Sirion 1.0 DVVT 4WD Eng. 1KR-FE 998ccm 50kw(68PS)	07→ 05→	71 3	IN	V2159	13711-40040	27,6x5x88,4	45 1	VV435	11122 - 21010	5x9,75x34,4	G P
			EX	V2160	13715-40040	23,6x5x89	45 1	VV435	11122 - 21010	5x9,75x34,4	G P
Cuore 550, L55, Max, Van Hi - Jet 550 Domino, Fellow 550 Wide Cab/Van 550 Eng. AB 547ccm 23kw(31PS)	79→ 79→ 77→ 79→	71,6 2	IN	V1141	13711-87701	36x7x101,6	45 1	VV327 VV327.1	11124 - 87701	7x12,09x50 +0,05	G A1
			EX	V1142	13715-87701	33x7x101,6	45 1	VV327 VV327.1	11124 - 87701	7x12,09x50 +0,05	G A1
Charade 1000 1000 Van Eng. CB OHC 993ccm 40kw(55PS)	77→ 83→	76 3	IN								
			EX								
Cuore 1.0 Eng. EJ-DE-12V 989ccm	00→	72 3	IN	V1883	13711-97205	24,5x5x79,2	45 1				
			EX	V1884	13715-97203	21,1x5x79,8	45 1				
Sirion 1.0 Eng. EJ-DE/EJ-VE 989ccm		72 3	IN	V1963	13711-87208	24,1x5x79,5	45 1				
			EX	V1884	13715-87808 13715-97203 13715-97205	21,1x5x79,8	45 1				
Cuore 1.0 12V YRV 1.0 12V Eng. EJ-VE 998ccm 43kw(55PS)	03→	72 4	IN	V1249	13711-97401	26x5x88,2	45 1	VV435	11122 - 21010	5x9,75x34,4	G P
			EX	V1250	13715-97401	22,6x5x89,2	45 1	VV435	11122 - 21010	5x9,75x34,4	G P
YRV 1.3 GTi 16V Terios 1.3 16V Sirion 1.3 16V Eng. K3-VE 1298ccm 75/95kw(102/129PS)	00→ 00→ 00→										

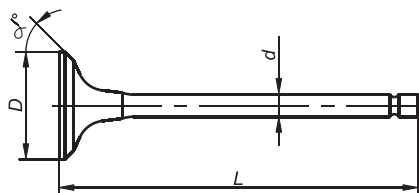
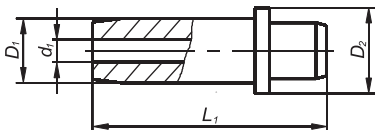
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
DAIHATSU											
Charade 1.3 16V Terios 1.3 16V Eng. HCE, K3-VE 1390ccm 63kw(86PS)	88→ 00→	76 4	IN EX	V1433 V1434	13711-87103 13711-87104 13715-87106 13715-87105	30x6,6x112,8 26x6,6x114,5	45 45	1 1			
Applause 1.6 16V Charade 1.6 16V Feroza 1.6 16V Rocki 1.6 16V Eng. HDE 1589ccm 69kw(94PS)	99→ 98→ 98→ 99→										
Charmant 1500 Eng. 3A – Toyota 1452ccm 59kw(80PS)	81→	77,5 4	IN EX	V1523 V1524	13711-15010 13715-15010	36x7x106,7 31x7x106,7	45 45	8 8			
Delta 2.0D Eng. 2C 1974ccm 53kw(72PS)	93→	86 4	IN EX	V1345 V1482	13711-64030 13711-64020 13715-64030 13715-64040	38,5x8x105,6 32,4x8x105,3	45 45	1 1	VV371 VV372	11122-64010 11126-64030	8x13,04x46 8x13,04x50 G P G P
Delta 2.0TD Eng. 2C-T 1974ccm 61/67kw(83/91PS)	83-93										
Delta 2.2TD Eng. 3C-TE 2184ccm 66/70kw(90/95PS)	93→										
DAIHATSU DIESEL											
Sharade 1.0D Eng. CL 993ccm 27/35kw(37/47PS)	83→	76 3	IN EX	V1347 V1348	13711-87704 13715-87703	36x7x105 32x7x105	45 45	1 1	VV531 VV531.1 VV531 VV531.1	550-610-301 550-610-301	7x12,08x45 +0,05 7x12,08x45 +0,05 G A13 G A13
Sharade 1.0TD Eng. CL-T 993ccm	83→	76 4	IN EX	V1305 V1306	13711-87706 13715-87705	34x7x105 30x7x105	45 45	1 1			

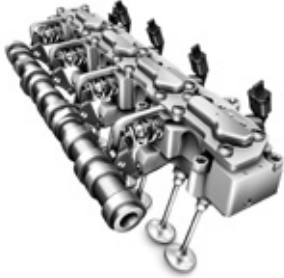
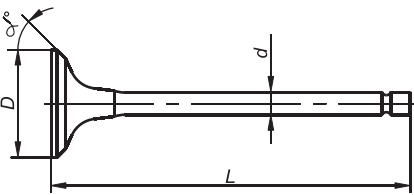
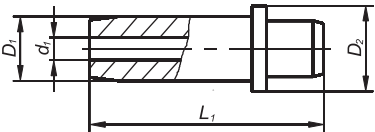
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
DONG FENG											
Truck 5900ccm	6	IN	V1297 V1297N1 V1297N2 V1297N5	3940735	33x7x124,7 +0,5S +0,8S +0,2d	60	1	VV311 VV311N		7x12,07x50,5 +0,05	G B
		EX	V1298 V1298N1 V1298N2 V1298N5	3940734	33x7x124,3 +0,5S +0,8S +0,2d	45	1	VV311 VV311N		7x12,07x50,5 +0,05	G B
FAMOS											
ENG. F/FF/F...A	112 6	IN	V15 V15N3	5116 0006 2	49x11x162 +1,0S	45	5	VV05 VV05.2	5212 0027 0 5212 0049 0	11x18,03x88 +0,20	G A36
		EX	V16 V16N3	5116 0002 0	41x11x162 +1,0S	45	5	VV05 VV05.2	5212 0027 0 5212 0049 0	11x18,03x88 +0,20	G A36
ENG. 2F...A	123 6	IN	V33 V33N1 V33N2 V33N3	5116 0007 0	52x11x159 +0,5S +0,8S +1,0S	45	5	VV05 VV05.2	5212 0027 0 5212 0049 0	11x18,03x88 +0,20	G A36
		EX	V69 V69N1 V69N2 V69N3	5116 0003 0	43x11x159 +0,5S +0,8S +1,0S	45	5	VV05 VV05.2	5212 0027 0 5212 0049 0	11x18,03x88 +0,20	G A36
ENG. 2FP...A ENG. 2F...B ENG. 2FP...B	125 6	IN	V154 V154N1 V154N2	5116 0008 0	52x11x159 +0,5S +0,8S	45	5	VV05 VV05.2	5212 0027 0 5212 0049 0	11x18,03x88 +0,20	G A36
		EX	V155 V155N1 V155N2	5116 0003 1	43x11x159 +0,5S +0,8S	45	5	VV05 VV05.2	5212 0027 0 5212 0049 0	11x18,03x88 +0,20	G A36
ENG. NFT	125 6	IN	V368	5116 0068 0	53x11x159	60	5	VV05	5212 0027 0	11x18,03x88	G
		IN	V368A		53x11x159	45	5	VV05.2	5212 0049 0	+0,20	A36
		EX	V369	5116 0063 0	45x11x159	45	5	VV05 VV05.2	5212 0027 0 5212 0049 0	11x18,03x88 +0,20	G A36

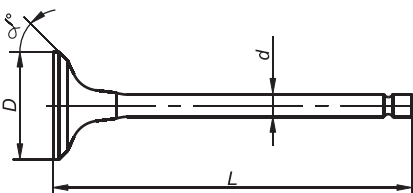
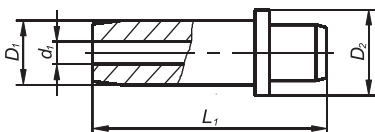
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FENDT											
Former 2/2D/2DE/2S/3S/4S Favorit 3 Eng. D208-3, D208-4 Eng. D225-3/D225-4, D225-6 Former 5S, 120S, 103, 103S, 105, 105S Favorit 3S, 4, 4S, 4SA Eng. D226-3/D226-4, D226-3, D226-4, D226-6 Eng. D3 226-3.2, D3 226-6.2		IN	V687	630804600014 F238200210040	38x9x117	45	3	VV548	630503320034	9x16,5/15,05x58	G G
			V687N3		+1,0S						
		EX	V688	620704603014 F238200210030	35x9x117	45	3	VV548	630503320034	9x16,5/15,05x58	G G
			V688N3		+1,0S						
FIAT											
600D Multipla 60-71 600E-750 Eng. 100D 767ccm 17kw(23PS)	62 4	IN	V01	4 064 701 4 132 958	25,5x7x92,2	45	5	VV184 VV184.1	880 911	7x13,02x42 +0,07	G A1
		EX	V02	4 064 702	23,5x7x92,2	45	5	VV184 VV184.1	880 911	7x13,02x42 +0,07	G A1
850 Sport Coupe 0.9 68-73 Eng. A112 903ccm 38kw(52PS) 900 Nuova 0.9 68→ Eng. 100G BC 896ccm 38kw(52PS)	65 4	IN	V257	4 265 695 5 959 564	29x7x95,3	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
		EX	V258	4 377 979 4 183 555 5 959 563	26x7x95,7	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
127/127 Specijal 0.9 74-82 Eng. 100GL 064 Panda 45/45 Specijal 0.9 80→ Eng. 100GL 3.C.O Uno 45 S/SL 0.9 86-90 900E-Fiorino 0.9 86-90 Eng. 146.A.000 903ccm 33/35kw(45/47PS)	74-82 80→	IN	V257	4 265 695 5 959 564	29x7x95,3	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
		EX	V258	4 377 979 4 183 555 5 959 563	26x7x95,7	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
Cinquecento 900i.e. 0.9 91-98 Panda 900i.e. 0.9 92-00 Seiecento 900i.e. 0.9 98-00 Eng. 170.A1.046/170.A1.000 899ccm 29/31kw(40/42PS)	91-98 92-00 98-00	IN	V257	4 265 695 5 959 564	29x7x95,3	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
		EX	V258	4 377 979 4 183 555 5 959 563	26x7x95,7	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F

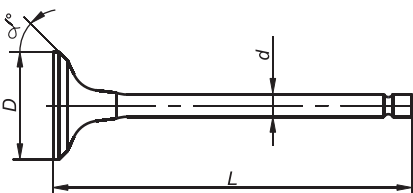
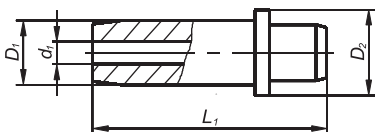
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Panda 4x4 1.0 Eng. A112A 965ccm 35kw(47PS)	86→90	67,2 4	IN	V257	4 265 695 5 959 564	29x7x95,3	45 1	VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
Panda 4x4 1.1 Eng. 1100 ACT 1108ccm 38kw(51PS)	92→	70 4	EX	V258	4 377 979 4 183 555 5 959 563	26x7x95,7	45 1	VV70.4	4 372 333	+0,25	
								VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
Uno 45 Fire 1.0 Eng. 156 A2.000 999ccm 33kw(45PS)	85→	70 4	IN	V731	7 666 228 5 942 727	30,4x7x97,1	45 1	VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
								VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
Panda 1000 S 1.0 Panda 1000 4x4 1.0 Eng. 156 A3.000 Fire 999ccm 33kw(45PS)	85→ 86→		EX	V732	7 666 227 5 942 728	27,5x7x97,2	45 1	VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
								VV70	4 265 699	7x13,01x42,5	G
Tipo 1.1 Uno 60 1100 R/89 1.1 Eng. 156 A3.000 Fire	88→ 89→							VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
Panda 1.1ie Panda 1.1ie/4x4 Eng. 160 A3.000 Fire 1108ccm 41/42kw(55/57PS)	86→ 86→							VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
Punto 55 1.1 S/SX/Speed Punto 60 S/Selecta 1.2 Punto 60 Cabrio 1.2 Eng. 176 A6.000 1108/1242ccm 40/42kw(55/60PS)	93→ 93→ 94→							VV70.4	4 372 333	+0,25	
								VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	

											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Punto 55 S/SX 1.1 Seicento SPI 1.1L Cinquecento 1.1 Eng. 176 B2.000 Nuova Panda 1.1 Eng. 187 A1.000 1108ccm	97→99 98→ 94→ 03→ 40kw(55PS)	70 4 EX	IN V1079 V732	7 770 334 46436048 7 666 227 46514754	31,5x7x97,1 27,5x7x97,2	45 45	1 1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F G F
Punto 75 S/SX 1.2 Punto 75 EL/ELX 1.2 Doblo 1.2 Strada 1.2 Eng. 176 A8.000/188 A4.000 Palio Weekend 1.2 Siena 1.2 Eng. 178 B5.000 1242ccm	93→ 93→ 00→ 00→ 97→ 97→ 54kw(73PS)	70,8 4 EX	IN V1007* * Retainer s.e. 7,8 mm V1008* * Retainer s.e. 7,8 mm	46403681 46471639 46403681 46471639	26,9x6x95,2 22,4x6x96	45 45	3 3	VV259 VV259.1 VV259.2 VV259 VV259.1 VV259.2	46441525 73500256 73500257 46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23 6x10,04x39,7 +0,03 +0,23	G F G F
500 1.2 8V Eng. 169 A4.000 1242ccm	07→ 4	70,8 4 EX	IN V1621 V1622	55194219 55229143 55200422 55229144	33,2x5x99,9 28x5x100,5	45 45	3 3	VV377 VV377.1 VV377.2 VV377 VV377.1 VV377.2	55190559 55190560 55190559 55190560	5x10,06x44 +0,03 +0,23 5x10,06x44 +0,03 +0,23	G F G F

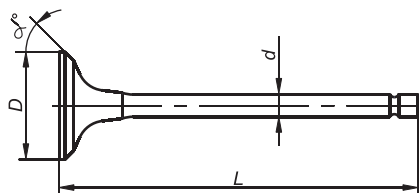
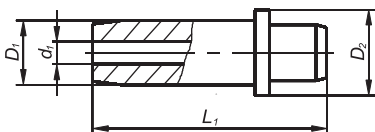
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Nuova Punto 1.2i.e. 16V Brava 1.2i.e. 16V Idea 1.2i.e. 16V Stilo 1.2i.e. 16V Eng. 188 A5.000 Unitil eng. N.985540 Unitil eng. N.984712 1242ccm 59kw(80PS)	99→ 99→ 04→ 01→	70,8 4	IN	V1007* * Retainer s.e. 7,8 mm	46403681	26,9x6x95,2	45 3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
Eng. 188 A5.000 Unitil eng. N.985540 Unitil eng. N.984712 1242ccm 59kw(80PS)			EX	V1008* * Retainer s.e. 7,8 mm	46471639	22,4x6x96	45 3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
Stilo 1.4 16V Nuovo Punto 1.4 16V Idea 1.4 16V Eng. 843 A1.000 Eng. 192 B2.000 1358ccm 70kw(95PS)	01→ 03→ 04→	72 4									
Punto 1.2i.e. 16V Idea 1.2i.e. 16V Eng. 188 A5.000 From eng. No 985541 1242ccm 59kw(80PS)	99→ 04→	70,8 4	IN	V1451* * Retainer s.e. 2,5 mm	55185028	26,9x6x95,2	45 3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
Eng. 188 A5.000 From eng. No 985541 1242ccm 59kw(80PS)			EX	V1452* * Retainer s.e. 2,5 mm	55185080	22,4x6x94,7	45 3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
Idea 1.4i.e. 16V Punto 1.4i.e. 16V Stilo 1.4i.e. 16V Eng. 843 A1.000 Eng. 192 B2.000 From eng. No 984713 1368ccm 66/70kw(90/95PS)	05→ 05→ 05→	72 4						VV527	BRONZE VERSION	6x10,04x39,7	B F
Grande Punto 1.4i.e. 16V Nuovo Bravo 1.4i.e. 16V Eng. 199 A6.000 1368ccm 70/88kw(95/120PS)	06→ 06→										

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Punto 1.2i.e. 05→ Grande Punto 1.2i.e. 06→ Eng. 199 A4.000 1242ccm 48kw(65PS)	70,8 4	IN	V1621	55194219	33,2x5x99,9	45	3	VV377 VV377.1 VV377.2	55190559 55190560	5x10,06x44 +0,03 +0,23	G F
Punto 1.4i.e. 05→ Doblo 1.4i.e. 05→ Idea 1.4i.e. 05→ Eng. 350 A1.000 1368ccm 55/57kw(75/78PS)	72 4	EX	V1622	55200422	28x5x100,5	45	3	VV377 VV377.1 VV377.2	55190559 55190560	5x10,06x44 +0,03 +0,23	G F
Grande Punto 1.4i.e. 06→ Eng. 199 A7.000 1368ccm 88kw(120PS)		IN	V2055	55198341	33,2x5x99,9	60	3	VV377 VV377.1 VV377.2	55190559 55190560	5x10,06x44 +0,03 +0,23	G F
		EX	V2056	55198342 Natural Power Engine	28x5x100,5	60	3	VV377 VV377.1 VV377.2 VV533	55190559 55190560 BRONZE VERSION	5x10,06x44 +0,03 +0,23 5x10,06x44	G F B F
Panda 1.1i.e. 95→ Seicento 1.1i.e. 04→ Eng. 176 B2.000 / 187 A1.000 1108ccm 40kw(54PS)	70 4	IN	V1555	55194993	31,9x5x98,4	45	3	VV377 VV377.1 VV377.2	55190559 55190560	5x10,06x44 +0,03 +0,23	G F
Doblo 1.2i.e. 01→ Palio Weekend 1.2i.e. 01→ Panda 1.2i.e. 03→ Punto 1.2i.e. 99→ Strada 1.2i.e. 03→ Eng. 188 A4.000 / 223 A5.000 1242ccm 44/48kw(60/65PS)	70,8 4	EX	V1556	55194994	27,3x5x98,7	45	3	VV377 VV377.1 VV377.2	55190559 55190560	5x10,06x44 +0,03 +0,23	G F
		IN	V2057	55194246	31,9x5x98,4	60	3	VV377 VV377.1 VV377.2	55190559 55190560	5x10,06x44 +0,03 +0,23	G F
		EX	V2058	55194247 Natural Power Engine	27,3x5x98,7	60	3	VV377 VV377.1 VV377.2 VV533	55190559 55190560 BRONZE VERSION	5x10,06x44 +0,03 +0,23 5x10,06x44	G F B F

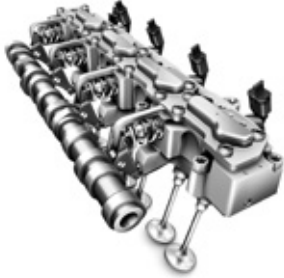
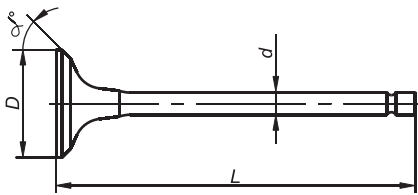
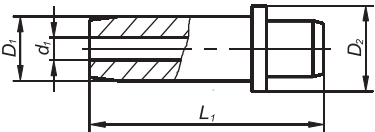
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
FIAT												
500 1.4 16V Eng. 169 A3.000	07→	72	IN	V1451* * Retainer s.e. 2,5 mm	55185028	26,9x6x95,2	45	3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
			EX	V1452* * Retainer s.e. 2,5 mm	55185080	22,4x6x94,7	45	3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
Grand Punto 1.4T 16V Bravo 1.4 Turbo 16V Eng. 198.A1.000 Eng. 198.A4.000 500 Abarth 1.4T 16V Eng. 198 A8.000 1368ccm	08→											
Doblo 1.4 GPL Eng. 198 A4.000 1368ccm	10→	72 4	IN	V2021	55225886	26,8x6x95,2	60	3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
			EX	V2022	55225887	23x6x94,9	60	3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
126 650 Personal Eng. 126 A1.000 650ccm 18kw(24PS)	78→ 78→	77 2	IN	V539	4 379 986	33x8x115,3	45	9				
			EX	V540	4 374 855 5 977 214	28x8x116	45	9				
126 Bis Eng. 126 A2.000 704ccm 19kw(26PS)	78→	80 2										
Sedici 1.6 16V 4WD Eng. M16A 1586ccm 79kw(107PS)	06→	78 4	IN	V1471	71742050	30x5,5x101	45	1	VV394	11115-54G00-001	5,5x10,61x40	G F6
			EX	V1472	71747245	25x5,5x99	45	1	VV394	11115-54G00-001	5,5x10,61x40	G F6
Stilo PDA 1.6i.e. 16V Eng. 192 B3.000 1598ccm 74/77kw(101/105PS)	05→	79 4	IN	V1429	55557862	31,2x5x117,2	45	3	VV223 VV223.1	9158589	5x10,04x39 +0,03	G F
			EX	V1430	71739797	27,5x5x116,2	45	3	VV223 VV223.1	9158589	5x10,04x39 +0,03	G F

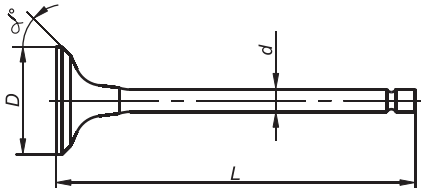
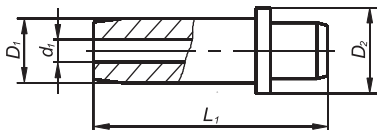
	CYL. Ø Nº	IN EX										
1	2	3	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
			4	5	6	7	8	9	10	11	12	
FIAT												
131 Mirafiori 1.1 Eng. M201 GA 11A 128 Specijal 1.1 128 Sport 1.1 Eng. 128 A.000 1116ccm 41/47kw(55/64PS)	76→ 74→ 71-79	80 4	IN	V152	4 239 917 5 999 660	36x8x108,5	45	1	VV273 VV273.1 VV273.2	4 250 801 4 371 508 4 250 802	8x14,06x42 +0,03 +0,18	G F
Regata 60 1.1 Ritmo 60/60S 1.1 Nuovo Ritmo E.S. 1.1 Strada 1.1 Uno 55 1.1 Eng. 138 B.000 1116ccm 44kw(60PS)	78-80 78-80 83-85 83-88 78-85		EX	V153	4 315 062 4 314 869 5 973 128	31x8x109	45	1	VV273 VV273.1 VV273.2	4 250 801 4 371 508 4 250 802	8x14,06x42 +0,03 +0,18	G F
Ritmo 50 CL 1.1 Ritmo 60L/CL 1.1 Uno 60 1.1 Uno 60 S/SL 1.1 Eng. 146 A4.000 1116ccm 44kw(60PS)	86→ 85→ 85-86 86→											
Fiorino B 1.4i.e. Tempra 1.4i.e. Tipo 1.4i.e. Eng. 160 A1.000 Uno 70i.e. R/89 Eng. 146 C1.000 Tempra SX, SW Fiorino 1.4 Uno, Punto 1.4 Eng. 159 A2.000 1372ccm 52/56kw(70/76PS)	88-01 90-92 88→ 89→ 90→ 95→	80,5 4	IN	V411	7 609 772 46531590	37,5x8x108,5	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Scudo 1.6i.e. Eng. 220 A2.000 1581ccm 58kw(79PS)	96→	86,4 4	EX	V412	5 973 128 4 315 062	31x8x109	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F

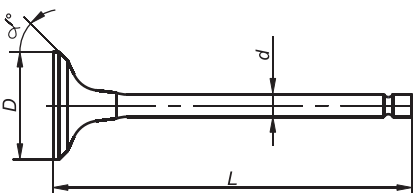
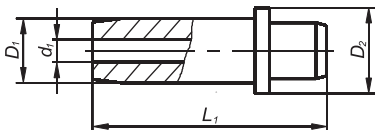
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Uno 1.3i.e.Turbo Eng. 146 A2.000 / 146 A2.146 1301ccm 77kw(105PS)	85→	80,5 4	IN	V983	7 565 812	36x8x108,5	45 3	VV195	7 552 897	8x14,02x46,5	B F
								VV195.1		+0,03	
								VV195.2	7 552 898	+0,18	
Uno 1.4i.e.Turbo R/89 Eng. 146 A8.046 1372ccm 74/85kw(100/115PS)	89→		EX	V984	7 574 881	33,1x8x109	45 3	VV195	7 552 897	8x14,02x46,5	B F
								VV195.1		+0,03	
								VV195.2	7 552 898	+0,18	
Punto 1.4 GT Turbo Eng. 176 A4.000 / 176 B6.000 1372ccm 100kw(136PS)	93→										
500 0.9 Twin Air Eng. 199 B6.000 Panda 0.9 Twin Air Eng. 312.A4.000 Eng. 312.A2.000 875ccm	12→	80,5 2	IN	V2023	55229666	30,15x5x95,5	45 3				
			EX	V2024	55231897	25,4x5x95,3	45 3				
Marea 1.6ie 16V 99→ Palio 1.6ie 16V 99-04 Stilo 1.6ie 16V 01→ Multipla 1.6ie 16V 99-04 Bipower/Blupower Eng. 182 B6.000 103CW Doblo 1.6ie 16V 01-04 Bipower/Natural Power Eng. 182 B6.000 1596ccm	99→	80,5 4	IN	V825	46761369	30,3x7x102,5	45 1	VV70	4 265 699	7x13,01x42,5	G F
					46517325			VV70.1	4 372 331	+0,05	
					55192067			VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
	01-04		EX	V826	46761370	29,8x7x102,8	45 1	VV70.4	4 372 333	+0,25	G F
					46461209			VV70	4 265 699	7x13,01x42,5	
					55196738			VV70.1	4 372 331	+0,05	
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
Croma 1.8 16V 06→ Bravo 1.8 16V 07→ Eng. 939 A4.000 1796ccm 103kw(140PS)	06→	80,5 4	IN	V1611	55557741	31,2x5x113,9	45 3	VV390	71739771	5x10,04x37	G F
								VV390N		+0,05	
								VV390.1	71739803	+0,21	
	07→		EX	V1612	71744388	27,5x5x113,2	45 3	VV390	71739771	5x10,04x37	G F
								VV390N		+0,05	
								VV390.1	71739803	+0,21	

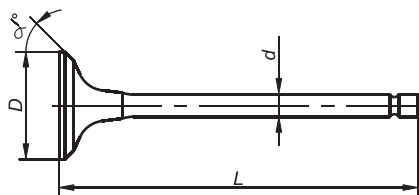
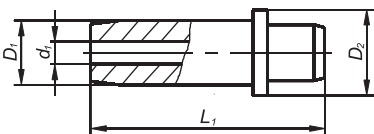
	CYL. Ø Nº	IN EX									
1	2	3	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
			4	5	6	7	8	9	10	11	12
FIAT											
Brava 1.4 S/SX 12V 95→ Bravo 1.4 S/SX 12V 95→ Marea 1.4 12V 96→ Eng. 182 A3.000 1369ccm 59kw(80PS)	82 4	IN	V727	7 712 114	30,3x7x110,4	45	1	VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
		EX	V728	46413334	35,5x7x110,4	45	1	VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
Bravo 1.8i.e. 16V 95→ Brava 1.8i.e. 16V 95→ Marea 1.8i.e. 16V 96→ Punto 1.8i.e. 16V 96→ Eng. 182 A2.000 1747ccm 83kw(113PS) Coupe 1.8i.e. 16V 96→ Eng. 183 A1.000 1747ccm 96kw(131PS) Brava 115, Brava 115 1.8i.e. 16V 98→ Barshetta 1.8 16V 95→ Marea 115, Punto GHT 1.8i.e. 16V 98→ Stilo 1.8i.e. 16V 01→ Eng. M646 44.17P/192 A4.000 1747ccm 96kw(131PS) Coupe 2.0i.e. 20V 98-00 Bravo 2.0i.e. 20V 98-00 Marea 2.0i.e. 20V 99→ Eng. B3/B7.000/185 A8.000 1998ccm 110/113kw(150/154PS) Stilo 2.4 20V 01→ Eng. 182 192 A2.000 1998ccm 110/113kw(150/154PS)	82 5 83 5	IN	V729	7 766 564 60811153	33,5x7x113	45	3	VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
		EX	V730	7 766 565 60674406 60811154	28x7x108,4	45	3	VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
VV534	BRONZE VERSION	7x13,01x42,5	B	F							

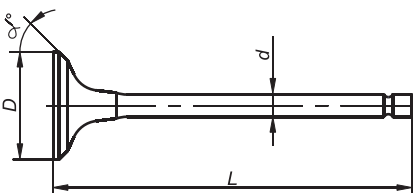
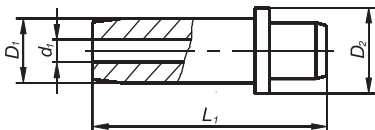
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Bravo 2.0i.e. 20V 95→ Brava 2.0i.e. 20V 95→ Marea 2.0i.e. 20V 96→ Coupe 2.0i.e. 20V 96→ Eng. 182 A1.000/M648 AA.19AC 1998ccm 113kw(155PS)	82	IN	V963	7 735 898 60812982	30x7x113	45	3	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
Coupe 2.0 20V Turbo 96→ Eng. 175.A3.000 1998ccm 162kw(220PS)	82	EX	V964	7 735 899 60812981	26x7x108,5	45	3	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
Stilo 2.4 20V 01→ 2446ccm											
Ducato 18 1.6 82→93 Eng. 171B Citroen 1580ccm 66kw(90PS)	83	IN	V967	91512096 0948.47	40x8x108,8	45	1	VV241 VV241.1 VV241.2	0220.63	8x13,07x38,7 +0,05 +0,20	B F3
		EX	V968	91513446 0949.52	33x8x108,1	45	1	VV242 VV242.1 VV242.2	0220.72 0221.17	8x13,07x45 +0,05 +0,20	B F
Scudo 1.8i.e. 95→ Ulysse 1.8i.e. 97→ Eng. XU7JP/LFW 1762ccm 72/76kw(98/103PS)	83	IN	V723	91535017 0948.56	41,6x8x108,8	45	1	VV241 VV241.1 VV241.2	0220.63	8x13,07x38,7 +0,05 +0,20	B F3
Ducato 2.0i.e. 97→ Eng. XU10J2U/RFW 1998ccm 89kw(121PS)	86	EX	V724	91535019 0949.57	34,5x8x108,4	45	1	VV242 VV242.1 VV242.2	0220.72 0221.17	8x13,07x45 +0,05 +0,20	B F
131 1.6 CL 84→ Eng. 131 C2.000 Croma 1.6 CHT 85→ Eng. 154 A.048 Regata 1.6 85→ Eng. 149 A.000 1585ccm 61kw(84PS)	84	IN	V1001	4 426 397	39,5x8x112	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
		EX	V1002	5 975 849 4 394 134	36,5x8x112,5	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F

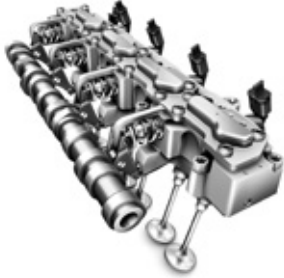
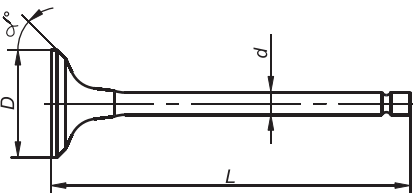
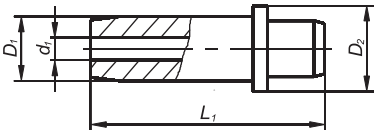
			CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12		
FIAT													
131 CL/Super 1.6 Eng. 131 C2.000 1585ccm 63kw(85PS)	80→85 4	84 4	IN	V945	4 440 061 7 547 400 46406169	43,5x8x105,6	45	1	VV273 VV273.1 VV273.2	4 250 801 4 371 508 4 250 802	8x14,06x42 +0,03 +0,18	G F	
Regata, Ritmo 1.6 Ritmo 100 S 1.6 Eng. 149 A2/A4.000 1585ccm 77kw(105PS)	86→ 85→		EX	V946	5 975 341 5 973 041 7 597 080	36,2x8x105,9	45	1	VV273 VV273.1 VV273.2	4 250 801 4 371 508 4 250 802	8x14,06x42 +0,03 +0,18	G F	
Ritmo 100S 1.6 Ritmo 105 TC 1.6 Nuova Ritmo 105 TC 1.6 Tipo i.e. 1.6 Eng. 138 A8.000 1585ccm 66kw(90PS)	85→86 85→ 85→ 88→												
Tipo 1.8i.e.GT Tempra 1.8i.e.SX Eng. 159 A4.000 1756ccm 79/81kw(107/110PS)	90→ 90→												
Tipo, Tempra 2.0i.e. Tempra 2.0i.e.4x4 Eng. 159 A6.046 1995ccm 85/88kw(115/120PS)	90→ 92→												
Croma 2.0i.e. Eng. 834 B.000 Croma 2.0 CHT Eng. 154 A1.000 1995ccm 66/89kw(90/120PS)	86→ 86→												
Nuova Ritmo 125 TC 2.0 Ritmo 130 TC 2.0 Nuova Ritmo 130 TC 2.0 Eng. 138 AR1/AR2.000 1995ccm 66kw(90PS)	81→ 80→ 81→												
Croma 2.0i.e. Turbo Eng. 154.A2.000/M601DT.20.C 1995ccm 114kw(154PS)	85→												

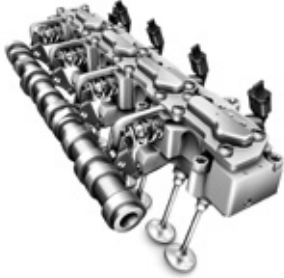
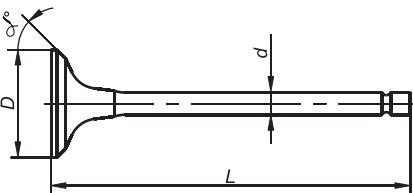
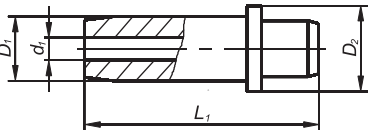
	CYL. Ø Nº	IN EX											
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE		
1	2	3	4	5	6	7	8	9	10	11	12		
FIAT													
Tipo 1.8i.e. 16V Eng. 160 A5.000 1756ccm 101kw(138PS)	90→ 4	IN EX	V705 V706	7 574 739 7 722 907 7 722 745	34,4x7x128	45	1	VV267 VV267.1 VV267.2 VV267.3	7 616 998 7 616 992 7 616 993 7 616 994	7x14,04x51,3 +0,03 +0,08 +0,18	G F		
Tipo 2.0i.e. 16V Croma 2.0i.e. 16V Coupe 2.0i.e. 16V Eng. 836 A3.000/154 E1.000 1995ccm 104/143kw(142/195PS)	93→ 92→ 93→			7 958 073 7 650 916 7 574 742	28,5x7x125,7	45	1	VV267 VV267.1 VV267.2 VV267.3	7 616 998 7 616 992 7 616 993 7 616 994	7x14,04x51,3 +0,03 +0,08 +0,18	G F		
Coupe 2.0i.e. Turbo 16V Eng. 175 A1.000 1995ccm 140kw(190PS)	93→												
Ducato 10 1800 Eng. XM7/P Peugeot 1796ccm 54kw(73PS)	81→ 4			IN EX	V593 V594	0948.33 0948.55	42,6x8x118,6	60	1				
Ducato 13 2000 Talento 2000 Eng. XN1, XN1P/T, XNA Peugeot 1971ccm 68kw(92PS)	81→ 90→ 4	0949.56 0949.27	35,5x8x112,2			45	1						
Ulysse 2.0 16V Scudo 2.0 16V Eng. EW10J4 – RFN Engine Peugeot 1997ccm 100kw(136PS)	00→ 4	IN EX	V1091 V1092			96239503 0948.99	33,3x6x106,2	45	1	VV449 VV449.1		6x12,07x40,8 +0,05	B F
						96360017 0949.99	28,9x6x103,6	45	1	VV449 VV449.1		6x12,07x40,8 +0,05	B F
128 Sport 1.3 128 Specijal 1.3 X 1/9 1.3 Eng. 128 A.000 1290ccm 44/49/55kw(60/67/75PS)	77→ 74→ 73→			IN EX	V152 V153	4 239 917 5 999 660	36x8x108,5	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Regata 70/70 Super 1.3 Regata 75 1.3 Ritmo Super 75 1.3 Eng. 128 A3.000 1301ccm 48/55kw(65/75PS)	78→ 81→ 81→					4 315 062 4 314 869 5 973 128	31x8x109	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F

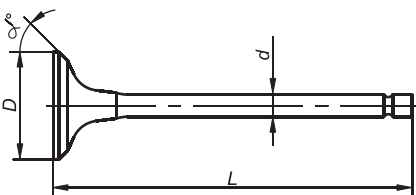
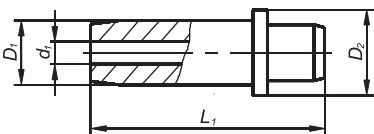
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Ritmo 65 L/CL 1.3 Eng. 188 A1.000	78→ 4	86,4	IN	V152	4 239 917 5 999 660	36x8x108,5	45 1	VV69 VV69.1	4 250 803 4 372 160	8x14,06x46,5 +0,03	G F
Nuovo Ritmo 70/70S 1.3	78→							VV69.2	4 372 161	+0,08	
Strada 65/70 1.3	78→							VV69.3	4 250 804	+0,18	
Uno 70/70 SX 1.3 Eng. 138 B2.000	83→							VV69.4	4 372 162	+0,23	
Ritmo 70 CL 1.3 Eng. 149 A7.003 1301ccm 48/51kw(65/70PS)	83→		EX	V153	4 315 062 4 314 869 5 973 128	31x8x109	45 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Ritmo 75 Super 1.5 Eng. 138 A2.000 1499ccm 63kw(86PS)	81-85										
Punto 1.6i.e. Eng. 176 A9.000 1581ccm 65kw(88PS)	94-97										
Ducato 10/14 2.0i Ulysse 2.0i Eng. XU10J2C OHC	95→ 94→	86 4	IN	V997	96059361	42,6x8x108,8	45 3	VV239 VV239.1 VV239.2		8x13,08x43,6 +0,05 +0,20	B F
Ulysse 2.0 Turbo Eng. XU10J2CTE/RGH 1998ccm 89/108kw(121/141PS)	94→		EX	V998	96147032 96117828	34,5x8x108,4	45 3	VV240 VV240.1 VV240.2		8x13,08x50,6 +0,05 +0,20	B F
Ulysse 2.0 i.e. 16V Eng. XU10J4R/RV – Peugeot 1998ccm 97/100kw(132/136PS)	98-00	86 4	IN	V909* * Retainer s.e. 2,2 mm	91540748 0948.75	34,6x7x106,4	45 3	VV244 VV244.1	0221.19	7x12,08x40 +0,05	B F
			EX	V910* * Retainer s.e. 2,2 mm	91540782 0949.81	29,6x7x105,7	45 3	VV244 VV244.1	0221.19	7x12,08x40 +0,05	B F
Ulysse 2.0 i.e. 16V Eng. XU10 J4R/S 1998ccm 99/120kw(135/163PS)	99→	86 4	IN	V1183	96289433	34,6x6x106,3	45 1	VV317 VV317.1	0221.25	6x12,06x40,8 +0,05	B F
			EX	V1184	96298611	29,6x6x105,7	45 1	VV318 VV318.1	0221.24	6x12,06x40,8 +0,05	G F

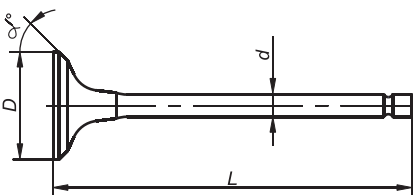
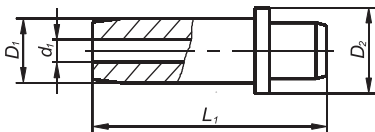
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
FIAT												
Croma 2.2 16V Eng. 939 A5.000 2198ccm 100kw(136PS)	06→	86 4	IN	V1069	71739277	35,1x6x102,3	45	3	VV452 VV452N	71739350	6x10,05x36 +0,05	G A
			EX	V1070	71739320	30,1x6x100,9	45	3	VV452 VV452N	71739350	6x10,05x36 +0,05	G A
Uno 75 1.5 Eng. 138 C2.000 Strada 1.5 Regata 85S 1.5 Ritmo 75 L/CL 1.5 Ritmo 85 Super 1.5 X 1/9 Five Speed 1.5 Tempra 1.5 Eng. 138 A2/A4.000 1498ccm 55/61kw(75/82PS)	89→ 86→90 78→ 81→85 81→ 90→	86,4 4	IN	V152	4 239 917 5 999 660	36x8x108,5	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
			EX	V506	5 973 129 7 565 813	33,2x8x109	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Nova Ritmo 85/85 S 1.5 Regata 85 1.5 Ritmo OA 50 1.5 Fiorino 1.5 Eng. 138 B3.000 1498ccm 55kw(75PS)	86→ 86→ 89→	86,6 4										
Uno 75 1.5 Uno OA 50 1.5 Eng. 138 C2.048 Ritmo 85i.e. 1.5 Eng. 149 A5.000 1498ccm 55/61kw(75/82PS)	89→ 86→ 86→											
Tipo DGT 1.6 Eng. 160 A2.000 Tempra 1.6 Eng. 159 A3.000 1580ccm 61/63kw(83/86PS)	88→ 89→	86,4 4	IN	V411	7 609 772 46531590	37,5x8x108,5	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
			EX	V506	5 973 129 7 565 813	33,2x8x109	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F

											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Fiorino 1.6 Tipo SX 1.6 Tempra SX/SV 1.6 Punto 90 SX/ELX 1.6 Punto 1.6 Cabrio Eng. 176 A9.000 1581ccm	89→ 90→ 90→ 93→ 94→ 63/66kw(86/90PS)	86,4 4 EX	IN V412	7 617 500 5 973 128 4 315 062	39,5x8x108,5 31x8x109	45 45	1 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4 VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162 4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23 8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F G F G F
Palio Weekend 1.6i.e. 16V Siena 1.6i.e. 16V Eng. 178 B3.000 1581ccm Bravo 1.6i.e. 16V Brava 1.6i.e. 16V Marea 1.6i.e. 16V Multipla 1.6i.e. 16V Stilo Doblo 1.6i.e. 16V Eng. 182 A4.000/182 B6.000 Multipla 100 1.6i.e. 16V 1581ccm	97→ 97→ 74/78kw(101/106PS) 97→ 97→ 97→ 98→ 01→ 98→	86,4 4 EX	IN V826	46462158 46517325 46462159 46461209	30,3x7x102,5 29,8x7x102,8	45 45	1 1	VV70 VV70.1 VV70.2 VV70.3 VV70.4 VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333 4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25 7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F G F G F
Ulysse 3.0 V6 24V Eng. ES9J4S/XFX-Peugeot 2946ccm	00→ 150kw(204PS)	87 V6 EX	IN V1248	96304413 0948.A5 96401813 0949.A5	35x6x108,4 30,5x6x106,9	45 45	1 1	VV201 VV201.1 VV201 VV201.1	0220.95 +0,05 0220.95 +0,05	6x11,08x40 +0,05 6x11,08x40 +0,05	B F B F
FIAT DIESEL											
Doblo 1.3JTD 16V Idea 1.3JTD 16V Panda 1.3JTD 16V Punto 1.3JTD 16V Eng. 188 A9.000 Doblo 1.3MJT 16V Fiorino 1.3MJT 16V Grande Punto 1.3MJT 16V Linea 1.3MJT 16V Eng. 199 A2/A3.000 1248ccm	05→ 04→ 03→ 05→ 05→ 08→ 06→ 07→	69,6 4 EX	IN V1414	46518930 46518931	21,7x6x109,2 21,7x6x109,2	45 45	3 3	VV391 VV391.1 VV391.2 VV391 VV391.1 VV391.2	46816601 46816602 46816604 46816601 46816602 46816604	6x10,03x43,2 +0,03 +0,23 6x10,03x43,2 +0,03 +0,23	G F3 G F3
55/66kw(75/90PS)											

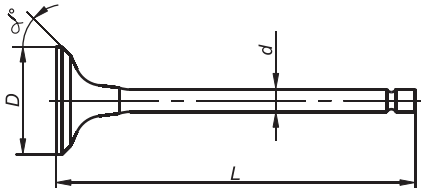
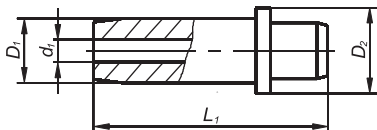
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT DIESEL											
Punto 1.3 MJT 16V Panda 1.3 MJT 16V Idea 1.3 MJT 16V 500 1.3 MJT 16V Qubo 1.3 MJT 16V Grande Punto 1.3MJT 16V Eng. Euro 5 1248ccm	09→	69,6 4	IN	V1873	55204574	22,45x6x109,2	45 3	VV391 VV391.1 VV391.2	46816601 46816602 46816604	6x10,03x43,2 +0,03 +0,23	G F3
Scudo 1.6JTD 16V Eng. DV6TED4 – Peugeot 1568ccm	06→	75 4	IN	V1493	96450247	25,6x5,5x96,4	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
127D/127 D Fiorino 1.3D Panda/Panorama 1.3D Uno 1.3D Eng. 127 A5.000 1301ccm	81→ 81→ 83→	76 4	IN	V725	4 424 173	34x8x112	45 1	VV96 VV96.1 VV96.2 VV96.3 VV96.4	4 373 602 4 373 603 4 373 604 4 373 634 4 373 605	8x15,04x46,5 +0,03 +0,08 +0,18 +0,23	G F
Uno R/R89 1.3D Eng. 146 B1.000 Panda 1.3D Eng. 156 A5.000 1301ccm	89→ 86→		EX	V726	4 424 174	29x8x112	45 1	VV96 VV96.1 VV96.2 VV96.3 VV96.4	4 373 602 4 373 603 4 373 604 4 373 634 4 373 605	8x15,04x46,5 +0,03 +0,08 +0,18 +0,23	G F
Uno 70 1.4 TD Eng. 146 B/B3.000 1367ccm	86→	78 4	IN	V737	7 553 000	33x8x117	45 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
			EX	V738	7 553 004	29,9x8x117	45 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F

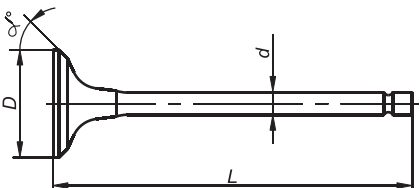
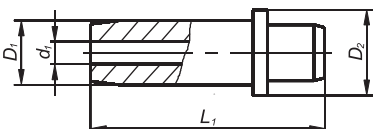
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT DIESEL											
Grande Punto 1.6MJT 16V Bravo 1.6MJT 16V Idea 1.6MJT 16V Eng. 198 A2.000/955 A3.000 1598ccm 77kw(105PS)	07→ 07→ 07→	79,5 4	IN	V1680	55205125	26,5x5x114,4	45 3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A
			EX	V1596	55205183	24,5x5x114,4	45 3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A
Brava 100 EL/ELX 1.9 TD Brava 75 S/SX 1.9 TD Bravo 100 SX/GT 1.9 TD Bravo 75 S/SX 1.9 TD Marea 100 SX/ELX 1.9 TD Marea 75 SX 1.9 TD Marengo 1.9 TD Punto 1.9 DS Eng. 182 A7.000/182 A8.000 1910ccm 55/75kw(75/101PS)	96→ 96→ 96→ 96→ 96→ 96→ 97→ 96→	82 4	IN	V1031	7 798 620 46527855	37,5x8x114,2	45 3	VV260 VV260.1 VV260.2 VV260.3 VV260.4	7 565 472 46 433 782 46 433 783 7 565 473 46 433 784	8x14,04x43 +0,03 +0,08 +0,18 +0,23	G F
			EX	V1032	7 783 225 46527856	31x8x114,2	45 3	VV260 VV260.1 VV260.2 VV260.3 VV260.4	7 565 472 46 433 782 46 433 783 7 565 473 46 433 784	8x14,04x43 +0,03 +0,08 +0,18 +0,23	G F
Marea 125 ELX/HLX 2.4 TD Eng. 185 A2.000 2387ccm 91kw(124PS)	96→	82 5									
Doblo 1.9D Palio 1.9D Strada 1.9D Eng. 223 A6.000 Euro 3 1910ccm 46kw(63PS)	01→ 01→ 01→	82 4	IN	V1033	46750859 60814605	35,5x8x115	45 3	VV260 VV260.1 VV260.2 VV260.3 VV260.4	7 565 472 46 433 782 46 433 783 7 565 473 46 433 784	8x14,04x43 +0,03 +0,08 +0,18 +0,23	G F
			EX	V1034	46783962 60814604	34,5x8x115	45 3	VV260 VV260.1 VV260.2 VV260.3 VV260.4	7 565 472 46 433 782 46 433 783 7 565 473 46 433 784	8x14,04x43 +0,03 +0,08 +0,18 +0,23	G F
Doblo, Palio, Strada 1.9D Punto 1.9D Eng. 188 A3.000 1910ccm 44kw(60PS)	00→ 99→										
Bravo, Brava, Punto 105 1.9 JTD Marea 105 1.9 JTD Stilo 1.9 JTD Palio 1.9 JTD Eng. 188 A2.000-Euro 3 1910ccm 73kw(100PS)	99→ 00→ 00→ 01→										

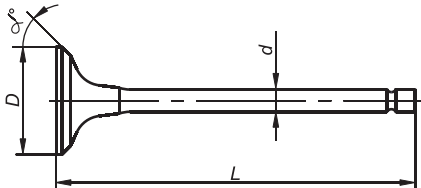
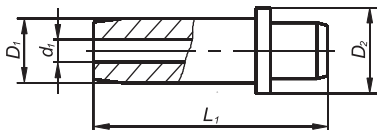
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
FIAT DIESEL												
Doblo 1.9 JTD Idea 1.9 JTD Marengo 1.9 JTD Multipla 1.9 JTD Eng. 182 B4.000 1910ccm 77kw(105PS)	01→ 04→ 99→ 99→	82 4	IN	V1033	46750859 60814605	35,5x8x115	45	3	VV260 VV260.1 VV260.2 VV260.3 VV260.4	7 565 472 46 433 782 46 433 783 7 565 473 46 433 784	8x14,04x43 +0,03 +0,08 +0,18 +0,23	G F
Grande Punto 1.9 MJT Croma 1.9 MJT Eng. 199 A5.000 Sedici 1.9 MJT Eng. D19AA 1910ccm 88kw(120PS)	06→ 06→ 06→		EX	V1034	46783962 60814604	34,5x8x115	45	3	VV260 VV260.1 VV260.2 VV260.3 VV260.4	7 565 472 46 433 782 46 433 783 7 565 473 46 433 784	8x14,04x43 +0,03 +0,08 +0,18 +0,23	G F
Marea 2.4 JTD 10V Stilo 2.4 JTD 10V Eng. 839 A5/A6.000 2387ccm 100/103kw(136/145PS)	99→ 00→	82 5	IN	V1033	46750859 60814605	35,5x8x115	45	3	VV260 VV260.1 VV260.2 VV260.3 VV260.4	7 565 472 46 433 782 46 433 783 7 565 473 46 433 784	8x14,04x43 +0,03 +0,08 +0,18 +0,23	G F
			EX	V1034	46783962 60814604	34,5x8x115	45	3	VV260 VV260.1 VV260.2 VV260.3 VV260.4	7 565 472 46 433 782 46 433 783 7 565 473 46 433 784	8x14,04x43 +0,03 +0,08 +0,18 +0,23	G F
Croma 2.4JTDM 20V Eng. 939 A3.000 Up to eng. 5553217 2387ccm	07/06	82 5	IN	V2025	55190248	27,9x5x114,2	45	3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A
			EX	V2026	55190249	24,9x5x114,2	45	3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A

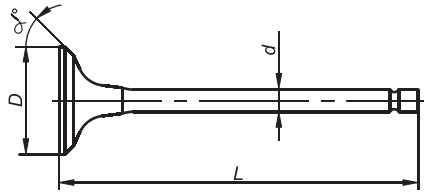
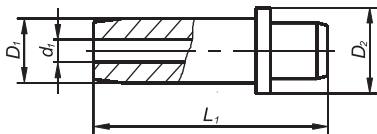
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
FIAT DIESEL												
Idea 1.9 MJT 16V Stilo 1.9 MJT 16V Eng. 937 A5.000 Croma 1.9 MJT 16V Eng. 939 A1.000 1910ccm 88kw(120PS)	05→ 06→ 06→	82 4	IN EX	V1595* * Retainer s.e. 4,9 mm V1596* * Retainer s.e. 5,9 mm	55206431 55205183	27,9x5x114,4 24,5x5x114,4	45 45	3 3	VV437 VV437.1 VV437.2 VV437 VV437.1 VV437.2	55210016 55210015 55210017 55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23 5x10,04x46,7 +0,03 +0,23	G A G A
Bravo 2.4 MJT 20V Croma 2.4 MJT 20V Eng. 939 A3.000 From eng. 5553218 2387ccm 147kw(200PS)	07→ 06→	82 5	IN EX	V1415 V1416	46802049 46787902	27,8x6x114,4 25,8x6x114,4	45 45	3 3	VV459 VV459.1 VV459.2 VV459 VV459.1 VV459.2	 55186786 55186789 55186786 55186789	6x11,04x47 +0,03 +0,23 6x11,04x47 +0,03 +0,23	G F G F
Bravo 1.9 MJT 16V Stilo 1.9 MJT 16V Croma 1.9 MJT 16V Eng. 937 A5.000 Eng. 939 A1.000 1910ccm 88/110kw(120/150PS) Stilo 1.9 JTD 16V Eng. 192 A5.000 1910ccm 103kw(140PS) Croma 2.4 MJT 20V Eng. 939 A3.000 2387ccm 147kw(200PS) Stilo 2.4 JTD 20V 2400ccm	07→ 05→ 05→ 04→	82 4	IN EX	V1415 V1416	46802049 46787902	27,8x6x114,4 25,8x6x114,4	45 45	3 3	VV459 VV459.1 VV459.2 VV459 VV459.1 VV459.2	 55186786 55186789 55186786 55186789	6x11,04x47 +0,03 +0,23 6x11,04x47 +0,03 +0,23	G F G F
Duna 1.7 DS/Weekend Nuovo Fiorino 1.7 D Regata 1.7D/Weekend Ritmo FL/85 1.7 D Uno 60D 1.7 Punto DS 1.7D/TD Strada 1.7D Tipo 1.7 D Fiorino 1.7 TD Palio 1.7 D/TD Eng. 149 B3/B4.000/146 B2/D7.000 1697ccm 42/44kw(57/60PS)	86→ 86→ 86→ 86→ 86→ 94→ 86→ 88→ 95→ 97→	82,6 4	IN EX EX	V733 V734 V708	5 990 532 7 547 158 5 990 533 7 588 577	37,5x8x116,8 33,5x8x117 33,5x8x116,5	45 45 45	1 1 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4 VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162 4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23 8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F G F

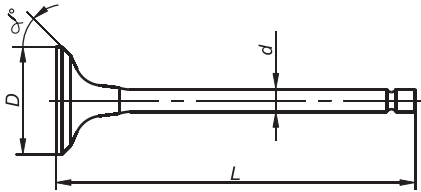
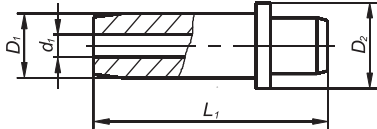
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1	2	3	4	5	6	7	8	9	10	11	12
FIAT DIESEL											
Punto 1.7D 97→ Siena 1.7D 96→ Eng. 176 B3.000/176 A3/A5.000 1697ccm 42/44kw(57/60PS)	82,6 4	IN	V733	5 990 532 7 547 158	37,5x8x116,8	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Regata 1.9 DS 84→ Talento 1.9 D 88→ Tipo 1.9D 89→ Tempra 1.9D 90→ Marengo 1.9D 86→ Ducato 10/14 1.9D/TD 87→ Eng. 149 A1/B1.000/230 A2.000 1929ccm 48/52kw(65/70PS)		EX	V734	5 990 533	33,5x8x117	45	1	VV69	4 250 803	8x14,06x46,5	G
Regata 80 1.9TD 86→ Ritmo 80 1.9TD 85→ Eng. 831 D1.000 1929ccm 59kw(80PS)		EX	V708	7 588 577	33,5x8x116,5	45	1	VV69.1	4 372 160	+0,03	F
Brava, Bravo S/SX 1.9 D 95→ Marengo 1.9 D 90→ Tempra 1.9 D SX 90→ Tipo 1.9 88→ Eng. 160 A7.000 1929ccm 48kw(65PS)								VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
								VV69.4	4 372 162	+0,23	
Fiorino 1.7 86→ Eng. 149 B3.000 1697ccm 53kw(72PS) Ducato 1.9D Talento Ducato 1.9D 90→ 1929ccm 60kw(82PS)	82,6 4	IN	V707	7 547 158	37,5x8x116,5	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Regata 1.9 TD 86→ Ritmo 1.9 TD 86→ Talento, Ducato 10 1.9TD 88→ Eng. 149 A1.000 1929ccm 59kw(80PS)		EX	V708	7 588 577	33,5x8x116,5	45	1	VV69	4 250 803	8x14,06x46,5	G
								VV69.1	4 372 160	+0,03	F
								VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
								VV69.4	4 372 162	+0,23	

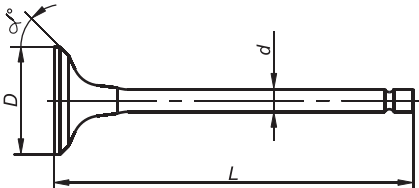
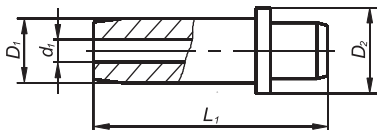
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT DIESEL											
Tipo 1.9 TD Tempra 1.9 TD SW Marengo 1.9TD Eng. 160 A6.000 1929ccm 66/68kw(90/92PS)	88→ 90→ 97→	82,6 4	IN	V707	7 547 158	37,5x8x116,5	45 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Ducato 1.9 TD Eng. 280 A1.000 1929ccm 60kw(82PS)	90→		EX	V708	7 588 577	33,5x8x116,5	45 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Bravo, Brava 1.9 D/TD Eng. 160 A7.000 1929ccm 66/68kw(90/92PS)	95→										
Siena 1.7 TD Palio Weekend 1.7 TD Strada 1.7 TD Eng. 176. A3.000 1698ccm 51kw(69PS)	96→ 96→ 99→										
Punto 1.7 TDS Eng. 176. A5.000 Fiorino 1.7 DS Eng. 146. B2.000 1698ccm 46/53kw(63/72PS)	93→ 95→										
Croma I.D. 19TDi.d. Eng. 154 B.000/154 C6/D1.000 1929ccm 69kw(94PS)	89→	82,6 4	IN	V1029	7 597 566	36,5x8x114	45 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
			EX	V1030	7 597 565	33,5x8x114	45 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F

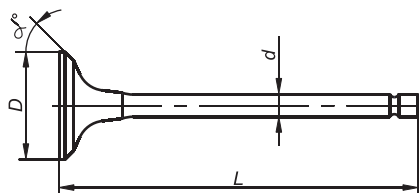
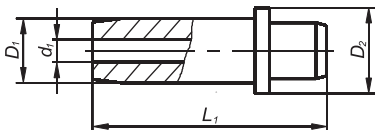
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
FIAT DIESEL												
Scudo 1.9 D Ducato 10 1.9D Eng. XUD 9A/DJY 1905ccm 51kw(69PS)	95→ 98→	83 4	IN	V721 V721N1 V721N3	93510415 96305973	38,5x8x112,4 +0,5S +1,0S	45	1	VV187 VV187.1	0220.75 0220.76	8x14,06x48 +0,05	B F
Scudo 1.9 D Eng. WJZ/WJY/DW8 – Euro 2 Ulysse 1.9 TD Scudo 1.9 TD Eng. D8B/D9B 1905ccm 51/67kw(69/92PS)	95→ 95→ 95→		EX	V710 V710N1 V710N3	93510773 96137357	33x8x111,9 +0,5S +1,0S	45	1	VV187 VV187.1	0220.75 0220.76	8x14,06x48 +0,05	B F
Ducato 10 1.9 TD Ulysse 1.9 TD Talento 1.9 TD Eng. XUD9TF 1905ccm 66kw(90PS)	94→ 94→ 95→											
Bravo 2.0 MJTD 16V Eng. 198 A5.000 1956ccm Freemont 2.0 MJTD 16V Eng. 939 B5.000 Eng. 940 A5.000 1956ccm 88kw(120PS)	08→ 11→	83 4	IN	V1595* * Retainer s.e. 4,9 mm	55206431 s.e. 4,9 mm	27,9x5x114,4 	45	3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A
Scudo 1.9 JTD Ulyse 1.9 JTD Eng. XUD9 TF/L, DHX Turbo Common Rail CEE FASE 2 1905ccm 81kw(110PS)	99→ 99→	83 4	IN	V1085	96247742	35,6x6x107,1 	45	3	VV378 VV378.1 VV266 VV266.1	9640340380 0220.A1	6x10,06x41,5 +0,05 6x12,07x42,5 +0,05	G A G F
Scudo 2.0 JTD Ulyse 2.0 JTD Ducato 11/15 2.0 JTD Eng. Dw10 TD/ATED, RHZ Turbo Common Rail Ulyse 2.0 JTD 16V Eng. Dw10 ATED4, DHW Turbo 1997ccm 66/81kw(90/110PS)	00→ 00→ 00→	85 4	EX	V1086	96247745	33,8x6x107,1 	45	3	VV378 VV378.1 VV266 VV266.1	9640340380 0220.A1	6x10,06x41,5 +0,05 6x12,07x42,5 +0,05	G A G F

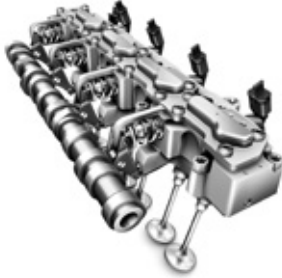
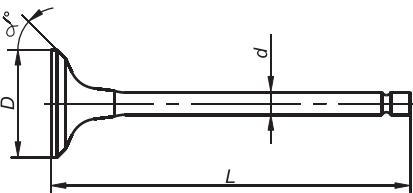
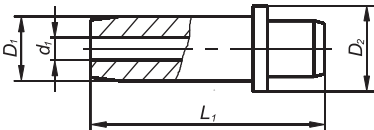
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT DIESEL											
Strada 1.7 D Ritmo L/CL 1.7 D Regata 1.7 D/Weekend Duna 1.7 D Nuova Ritmo 1.7 D Eng. 138 B6.000 1714ccm 40/43kw(55/58PS)	80→ 80-82 83→ 87→	83 4	IN	V1027	4 368 843	38,4x8x126	45 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Scudo 2.0 JTD 16V Ulysse 2.0 JTD 16V Ducato 2.0 JTD 16V Eng. DW10ATED4/RHW Engine Peugeot 1997ccm 80kw(109PS) Ulysse 2.0 MJT 16V 1997ccm 80kw(109PS)	00→ 00→ 00→ 86→	85 4	IN	V1313	96353179 0948.C0	29,9x6x106,2	45 3	VV378 VV378.1 VV266 VV266.1	9640340380 0220.A1	6x10,06x41,5 +0,05 6x12,07x42,5 +0,05	G A G F
Ulysse 2.0 MJTD 16V Eng. RHR/RHK 1997ccm	06→	85 4	IN	V1179	9627184380	29,8x6x105	45 3	VV378 VV378.1	9640340380	6x10,06x41,5 +0,05	G A
			EX	V1180	9683321080	25x6x105	45 3	VV378 VV378.1	9640340380	6x10,06x41,5 +0,05	G A
Ulysse 2.2 JTD 16V Eng. DW12TED4/4HW Engine Peugeot 2179ccm 94kw(128PS)	01→	85 4	IN	V1179	96271843 0948.A3	29,8x6x105	45 3	VV378 VV378.1	9640340380	6x10,06x41,5 +0,05	G A
			EX	V1180	96344375 0949.A3	25x6x105	45 3	VV378 VV378.1	9640340380	6x10,06x41,5 +0,05	G A
Ulysse 2.2 Multijet 16V Eng. 4HT(DW12BTED4) 2179ccm 125kw(170PS)	08→	85 4	IN	V1723	0948.E5	27,2x6x95,8	45 3	VV378 VV378.1	9640340380	6x10,06x41,5 +0,05	G A
			EX	V1724	0949.E1	25x6x95	45 3	VV378 VV378.1	9640340380	6x10,06x41,5 +0,05	G A

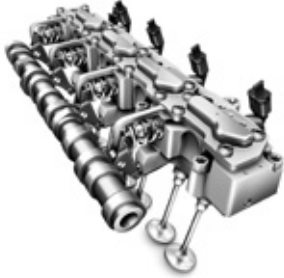
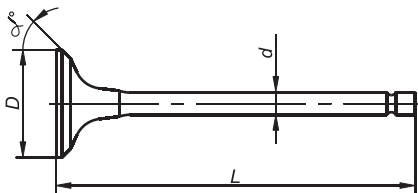
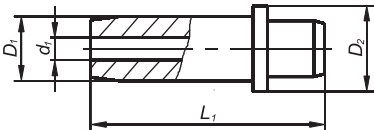
	CYL. Ø Nº	IN EX									
1	2	3	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
			4	5	6	7	8	9	10	11	12
FIAT DIESEL											
Ulysse 2.1 TD 12V Eng. XUD11BTE, P8C 2088ccm 80kw(109PS)	96→ 80kw(109PS)	85 4 EX	V1095 V1096	0948 68 0949 68	33,9x8x122,3 33,9x8x121,9	45 45	3 3	VV245 VV245.1 VV245 VV245.1	94560290 94560290	8x13,08x54,5 +0,20 8x13,08x54,5 +0,20	B F B F
Ducato 2.2 JTD Eng. 4HV 2198ccm 74-103kw(101-140PS)	06→ 74-103kw(101-140PS)	86 4 EX	V1987 V1988	9660035980 9660640080	29,8x7x122,2 25,8x7x122	60 45	3 3	VV525 VV525N VV525 VV525N	 	7x12,06x51,5 +0,05 7x12,06x51,5 +0,05	G A G A
132 Mirafiori 2.0 D Eng. 8144.65 1995ccm 44kw(60PS)	83→ 44kw(60PS)	88 4 IN	V326 V326N3 V470 V470N1 V470N3	7 301 820 4 813 760	41x8x120,7 +1,0S 41x8x122 +0,5S +1,0S	60 60	1 1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
131 Mirafiori 2.5 D Eng. 8144.61 2445ccm 53kw(72PS)	83→ 53kw(72PS)	93 4 EX EX	V327 V327N3 V966	7 301 821 4 733 349	34,4x8x122 +1,0S 32,9x8x122	45 45	1 1	VV58 VV58.1 VV58.2 VV58.3 VV58.4	4 726 483 4 733 258 4 733 259 4 733 260	8x13,03x60 +0,03 +0,08 +0,18 +0,23	G A
Dailly 2.3 16V Unijet Ducato 2.3 JTD 16V Eng. F1A E0481C/B 2286ccm 81kw(116PS)	04→ 02→ 81kw(116PS)	88 4 EX	V1237 V1238	500362855 504069199 500362856	30x6x120,4 30x6x120,4	45 45	3 3	VV335 VV335.1 VV335.2 VV335 VV335.1 VV335.2	504053804 504053804	6x10,04x49 +0,03 +0,23 6x10,04x49 +0,03 +0,23	G A G A
242-15D 2.2D 242-18D 2.2D Eng. B22/615 2175ccm 45kw(62PS)	74-81 74-81 45kw(62PS)	90 4 EX	V1623 V1624	5471746 5478734 5414239 5457479	42x8x121,4 35x9x121,4	45 45	3 3				
242-18EFL 2.5D Eng. B25/637 Ducato 10,13,14,18 2.5 D Eng. U25/651 2499ccm 50/55kw(68/75PS)	81→ 83-93	93 4									

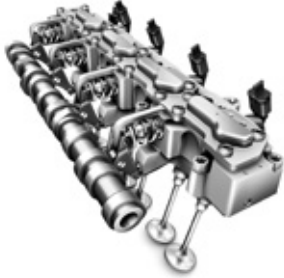
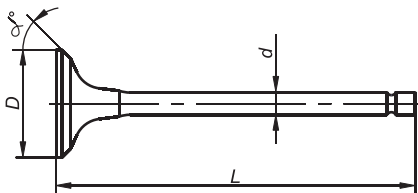
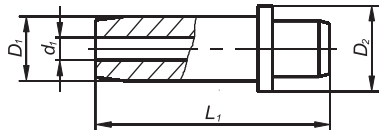
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT DIESEL											
Ducato 2.5 TD 12V Eng. DJ5T, T8A 2446ccm 76/96kw(104/130PS)	93→	92 4	IN	V1121 V1121N1 V1121N3	96095457 0948.72	36,9x7x127,9 +0,5S +1,0S	45 3	VV246 VV246N VV246.1	0220.93	7x13,06x54 +0,05 +0,20	B F
Ducato 2.5 TD 12V Eng. DK5A TE, THY 2446ccm 94/96kw(128/130PS)	93→		EX	V1122 V1122N1 V1122N3	96096146 0949.79	36,9x7x127,5 +0,5S +1,0S	45 3	VV246 VV246N VV246.1	0220.93	7x13,06x54 +0,05 +0,20	B F
Ducato 2.5 TD Eng. DJ5T Turbo Engine Peugeot 2446ccm 76kw(104PS)	94→	92 4	IN	V955	96180328 0948.84	41x7x115,7	45 3	VV291 VV291.1		7x13,06x43,1 +0,05	B F
			EX	V956	96267448 0949.90	37,8x7x115,4	45 3	VV291 VV291.1		7x13,06x43,1 +0,05	B F
131/132 2.5D Argenta DS 2.5D Marengo DS 2.5D Compagnola 2.5D Ducato 2.5D Eng. 8144.61.200 2445ccm 53kw(72PS)	78→ 81-85 81→ 78-87 81-89	93 4	IN	V470 V470N1 V470N3	4 813 760	41x8x122 +0,5S +1,0S	60 1	VV58 VV58.1 VV58.2 VV58.3	4 726 483 4 733 258 4 733 259	8x13,03x60 +0,03 +0,08 +0,18	G A
			IN	V965	4 741 915	41x8x122	45 1	VV58.4	4 733 260	+0,23	
			EX	V966	4 733 349	32,9x8x122	45 1	VV58 VV58.1 VV58.2 VV58.3 VV58.4	4 726 483 4 733 258 4 733 259 4 733 260	8x13,03x60 +0,03 +0,08 +0,18 +0,23	G A
Fiat 131/132 2.5D Argenta 2.5D Marengo 2.5D Ducato 10/13 2.5D Daily 30/35/40.8 2.5D Eng. 8144.61.200	78-84 81-85 80-83 81-85 78-89	93 4	IN	V326 V326N3	7 301 820 4 757 358	41x8x120,7 +1,0S	60 1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
Ducato 13 2.5D Eng. 8140.61.300 2445ccm 53kw(72PS)	78-89		EX	V327 V327N3	7 301 821 7 302 157	34,4x8x122 +1,0S	45 1	VV58 VV58.1 VV58.2 VV58.3 VV58.4	4 726 483 4 733 258 4 733 259 4 733 260	8x13,03x60 +0,03 +0,08 +0,18 +0,23	G A

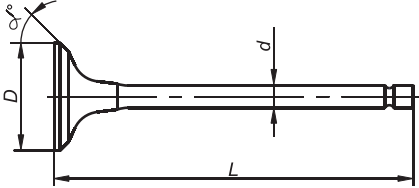
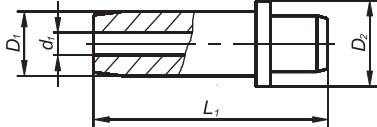
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
FIAT DIESEL												
Daily 35/45/49.10 2.5TD	85-89	93	IN	V326	7 301 820	41x8x120,7	60	1	VV57	4 749 395	8x13,03x56	G
Ducato 14 2.5D	89-94	4			4 757 358				VV57.1	4 749 397	+0,03	F
Eng. 8140.21.200				V326N3		+1,0S			VV57.2	4 749 398	+0,08	
Ducato 12/14 2.5TD	86-94								VV57.3		+0,18	
Eng. 8144.21.200									VV57.4	4 749 399	+0,23	
2445ccm	68kw(92PS)											
Argenta 2.5 TD	83-86		EX	V327	7 301 821	34,4x8x122	45	1	VV58	4 726 483	8x13,03x60	G
Eng. 8144.81.200					7 302 157				VV58.1	4 733 258	+0,03	A
Croma 2.5 TD	86→			V327N3		+1,0S			VV58.2	4 733 259	+0,08	
Eng. 8144.91									VV58.3		+0,18	
2445ccm	74kw(100PS)								VV58.4	4 733 260	+0,23	
Croma 2.5 TD	91→											
Eng. 8144.97												
2499ccm	87kw(118PS)											
Ducato 2.8TD	96→	94,4	IN	V326	7 301 820	41x8x120,7	60	1	VV57	4 749 395	8x13,03x56	G
Ducato Maxi 2.8TD	96→	4			4 757 358				VV57.1	4 749 397	+0,03	F
Eng. 8140.23/43 2585 Turbo				V326N3		+1,0S			VV57.2	4 749 398	+0,08	
Sofim Inercooler									VV57.3		+0,18	
Ducato 2.8 JTDi	00→								VV57.4	4 749 399	+0,23	
Eng. 8140.43S 4000 Turbo												
Sofim Common Rail			EX	V681	99432837	35,9x8x122	45	1	VV57	4 749 395	8x13,03x56	G
2798ccm	84kw(114PS)			V681N3		+1,0S			VV57.1	4 749 397	+0,03	F
									VV57.2	4 749 398	+0,08	
									VV57.3		+0,18	
									VV57.4	4 749 399	+0,23	
Ducato 14 2.8Di	97→	94,4	IN	V679	98468338	43,5x8x122	60	1	VV57	4 749 395	8x13,03x56	G
Ducato Maxi 2.8Di	97→	4		V679N3		+1,0S			VV57.1	4 749 397	+0,03	F
Eng. 8140.63 Turbo			IN	V326	7 301 820	41x8x120,7	60	1	VV57.2	4 749 398	+0,08	
Sofim Aspirated				V326N3		+1,0S			VV57.3		+0,18	
2798ccm	64kw(87PS)								VV57.4	4 749 399	+0,23	
			EX	V681	99432837	35,9x8x122	45	1	VV57	4 749 395	8x13,03x56	G
				V681N3		+1,0S			VV57.1	4 749 397	+0,03	F
			EX	V680	98418161	36,5x8x122	45	1	VV57.2	4 749 398	+0,08	
				V680N3		+1,0S			VV57.3		+0,18	
									VV57.4	4 749 399	+0,23	

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
FIAT DIESEL												
Ducato 3.0 JTD 16V Eng. F1CE0481A 2998ccm	06→	95,8	IN	V1697	504072531	32,4x6x119,9	60	3	VV335 VV335.1 VV335.2	504053804	6x10,04x49 +0,03 +0,23	G A
		4										
			EX	V1698	504081062	32,4x6x119,9	60	3	VV335 VV335.1 VV335.2	504053804	6x10,04x49 +0,03 +0,23	G A
Eng. 8060.455.6000 Eng. 8060.455.6800 5861ccm	167kw(227PS)	104	IN	V1535	98 497 235	46x9x141,2	60	1	VV351	98435241EZ	9x15,02x81	G
		6	IN	V2161		46x9x141	60	1	VV351N VV351.1	98435242EZ	+0,05 +0,18	F
			EX	V1536	99 433 902	38,3x9x141,2	45	1	VV352	98474643EZ	9x15,02x70	G
			EX	V2162		38,3x9x141	45	1	VV352N VV352.1	98474645EZ	+0,05 +0,18	F
FIAT AGRI – NEW HOLLAND												
250-255-30-300 Eng. 8025.01 1599ccm		95	IN	V321	4 659 379	43,9x8x125,8	45	1	VV379	4 601 299	8x14,03x48,7	G
		2		V321N V321N1 V321N2 V321N4		+0,3S +0,5S +1,0S +1,5S			VV379.1 VV379.2 VV379.3		+0,05 +0,10 +0,15	A1
		3										
			EX	V322	4 673 608	36,9x8x125,6	45	1	VV379	4 601 299	8x14,03x48,7	G
350-355-400-420 450-455C-460-470-480 Eng. 8035.01 2338ccm				V322N V322N1 V322N2 V322N4		+0,3S +0,5S +1,0S +1,5S			VV379.1 VV379.2 VV379.3		+0,05 +0,10 +0,15	A1
		4										
550-555 Eng. 8045.01 3119ccm		4										
300-350-355C Eng. 8025.02 1728ccm		100										
		2										
440-446-450-455 465-466-474-480 500-505-540 Eng. 8035.02 2592ccm		3										

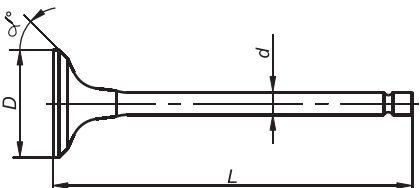
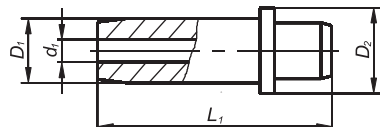
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT AGRI – NEW HOLLAND											
600-605-640-665 666-670-680 Eng. 8045.02 3455ccm	100 4	IN	V321	4 659 379	43,9x8x125,8	45	1	VV379	4 601 299	8x14,03x48,7	G
			V321N		+0,3S			VV379.1		+0,05	A1
			V321N1		+0,5S			VV379.2		+0,10	
			V321N2		+1,0S			VV379.3		+0,15	
			V321N4		+1,5S						
980-1000 Eng. 8065.02 5184ccm	103 3	EX	V322	4 673 608	36,9x8x125,8	45	1	VV379	4 601 299	8x14,03x48,7	G
			V322N		+0,3S			VV379.1		+0,05	A1
			V322N1		+0,5S			VV379.2		+0,10	
			V322N2		+1,0S			VV379.3		+0,15	
505C-565C-570-580 Eng. 8035.04 2748ccm	4		V322N4		+1,5S						
765C-766-780-855 Eng. 8045.04 3666ccm	5										
880/5-90-90.90.55 955C Eng. 8055.04 4583ccm	6										
1000S-1180 Eng. 8065.04 5499ccm											
45.66/76-50.66/.86 55.46/56/.65/.66/.75 55.76/.86/.90 60.86 Eng. 8035.06 2710ccm	100 3	IN	V447	99432652	45,5x8x125,7	60	1	VV379	4 601 299	8x14,03x48,7	G
				98435622				VV379.1		+0,05	A1
				4 784 888				VV379.2		+0,10	
			V447N1		+0,5S			VV379.3		+0,15	
			V447N2		+0,8S						
	4	EX	V448	99432717	37,5x8x125,7	45	1	VV379	4 601 299	8x14,03x48,7	G
				99432718				VV379.1		+0,05	A1
				4 784 889				VV379.2		+0,10	
			V448N1		+0,5S			VV379.3		+0,15	
			V448N2		+0,8S						
65.46/.56/.66/.88/.90 65.93/.94 70.86/.88/.90 72.93/.94 Eng. 8045.06 3613ccm											

											
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT AGRI – NEW HOLLAND											
100S-100.90 Eng. 8065.06	100	IN	V447	99432652	45,5x8x125,7	60	1	VV379	4 601 299	8x14,03x48,7	G A1
				98435622				VV379.1			
				4 784 888				VV379.2			
60-60.46/.56/.65/.66	104		V447N1		+0,5S			VV379.3		+0,15	
60.75/.76/.85/.86/.88			V447N2								
60.90/.93.94											
62-62.85/.86	3	EX	V448	99432717	37,5x8x125,7	45	1	VV379	4 601 299	8x14,03x48,7	G A1
Eng. 8035.05				99432718				VV379.1			
2930ccm				4 784 889				VV379.2			
80-80.55/.65/.66/.75	4		V448N1		+0,5S			VV379.3		+0,15	
80.76/.88/.90			V448N2								
82-82.85/.86/.93/.94											
Eng. 8045.05											
3908ccm											
85.90-88C-88.85/.93											
88.94-A90	5										
Eng. 8045.25 Turbo											
3908ccm											
90-90.90-95.55	6										
Eng. 8055.05											
4885ccm											
110-110.90-115.90											
F100-F110-F115- F120											
Eng. 8065.05											
5862ccm											
130.90-140-140.90											
F130-F140											
Eng. 8065.25 Turbo											
5868ccm											

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT AGRI – NEW HOLLAND											
650S–655–655C Eng. CN3 3706ccm	110 3	IN	V228	8 823 545 8 823 548	42,9x8x137,7	45	1	VV60	4 758 795	8x14,04x55	G
								VV60.1	4 758 796	+0,15	F
								VV60.2	4 758 797	+0,35	
750–805C–880 Eng. CO3 4562ccm		EX	V229	8 823 544 8 823 549	36,4x8x137,7	45	1	VV61	4 758 799	8x14,04x62	G
								VV61.1	4 758 800	+0,20	A
								VV61.2	4 758 801	+0,40	
850–850Super–880 Eng. CO3/70 4941ccm											
100C–120C–1300 Eng. CP3 7412ccm											
Eng. Genesis 5640 4400ccm Eng. Genesis 6640 5000ccm Eng. Genesis 7840 6600ccm Eng. Genesis 8240 7500ccm	91→ 111,77 4 6	IN	V2185		47,6x9,5x146,8	60	8				
			V2186		43x9,5x146,5	45	8				
		IN	V2187		47,6x9,5x146,8	60	4				
		EX	V2188		43x9,5x146,5	45	4				
80C–90C Eng. CO3–130T 5401ccm 1580 Turbo – 160.55 160.55 Turbo – 160.90 180.55–180.90–1880 Eng. 8365.25 Turbo 8100ccm 1355C–1580 Eng. 8365.05 8102ccm	115 4	IN	V225	8 824 754 4 821 710	48,4x8x137,7	45	1	VV60	4 758 795	8x14,04x55	G
			V225N1		+0,5S			VV60.1	4 758 796	+0,15	F
								VV60.2	4 758 797	+0,35	
		EX	V226	8 830 045 8 825 776	40,8x8x137,7	45	1	VV61	4 758 799	8x14,04x62	G
			V226N1		+0,5S			VV61.1	4 758 800	+0,20	A
								VV61.2	4 758 801	+0,40	

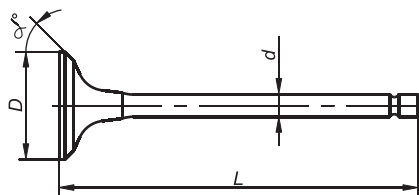
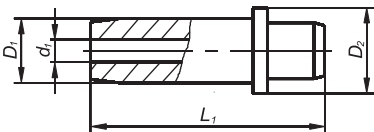
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT AGRI – NEW HOLLAND											
180C–200C–AD18 BD18–FD20–FE40 Eng. 8215.02 13798ccm	71–81 192kw(260PS)	137 6 EX	IN EX V519 V520	98480846 99452179	59x11x170 49x11x170	45 45	1 1	VV30 VV30.1 VV31 VV31.1	4 630 627 4 630 628 4 647 763 4 647 764	11x18,03x86 +0,03 11x18,03x76 +0,03	G A1 G A1
FORD											
Fiesta 1.0 Eng. TKB, TLB, OHV/HCS 999ccm	89→ 33kw(45PS)	68,7 4	IN EX	V803 V803.1 V803N1 V740 V740.1 V740N1	89BM6507AA 6165227 89BM6505CA 1038606 1653978 089BM6505DA	33x7x104 +0,2d +0,35d 29x7x104,4 +0,2d +0,35d	45 45	3 3			
Courier 1.1 Escort 1.1 Fiesta 1.1 Eng. GUD, GUE, OHV/HCS 1119ccm	86–90 89→ 89→ 40kw(55PS)	68,7 4	IN EX	V739 V739.1 V739N1 V740 V740.1 V740N1	89BM6507BA 6165228 89BM6507CA 89BM6505CA 1038606 1653978 89BM6505DA	34,5x7x104 +0,2d +0,35d 29x7x104,4 +0,2d +0,35d	45 45	3 3			
Fiesta, Escort, Orion 1.3 Eng. JJB, JBC–HCS 1299ccm	89→ 40kw(55PS)	68,7 4	IN EX	V739 V739.1 V739N1 V740 V740.1 V740N1	89BM6507BA 6165228 89BM6507CA 89BM6505CA 1038606 1653978 89BM6505DA	34,5x7x104 +0,2d +0,35d 29x7x104,4 +0,2d +0,35d	45 45	3 3			
KA 1.3 Courier Van 1.3 Fiesta 1.3 Eng. J4B, J4C–HCS 1299ccm	97→ 96→ 95→ 37/44kw(50/60PS)	74 4	IN EX	V740 V740.1 V740N1	89BM6505CA 1038606 1653978 89BM6505DA	29x7x104,4 +0,2d +0,35d	45 45	3 3			
KA 1.2 8V Eng. F4P Duratec 1242ccm	08→	70,8	IN EX	V1621 V1622	 28x5x100,5	33,2x5x99,9 28x5x100,5	45 45	3 3	VV377 VV377.1 VV377.2 VV377 VV377.1 VV377.2	5x10,06x44 +0,03 +0,23 5x10,06x44 +0,03 +0,23	G F G F
Fiesta 1.25i 16V Eng. ZH12 Zetec S DOHC 1242ccm	95–97 55kw(75PS)	71,9 4	IN EX	V915 V916	96MM6507B2A 1004446 96MM6505B2A 1004444	26x6x97,7 22x6x99,7	45 45	1 1	VV274 VV274.1 VV274 VV274.1	6x11,05x39 +0,05 6x11,05x39 +0,05	G A G A

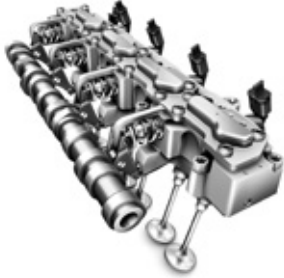
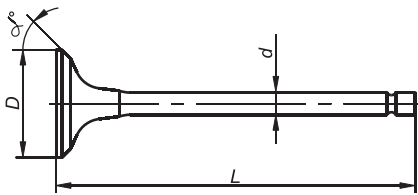
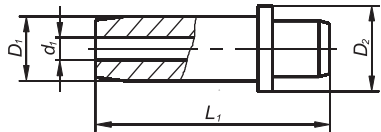
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS $d_1 \times D_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Fiesta 1.25 16V Fusion 1.25 16V Eng. FUJA/B, M7JA/B, Zetec 1242ccm 51/55kw(70/75PS)	03→	72	IN	V1411	1S6G6507AA 1207533	26x6x99,7	45 3	VV274		6x11,05x39	G
	04→	4						VV274.1		+0,05	A
			EX	V1412	1S6G6505AA 1113187	22x6x101,8	45 3	VV274 VV274.1 VV535	BRONZE VERSION	6x11,05x39 +0,05 6x11,05x39	G A B A
Fiesta 1.25i 16V Eng. ZH12- Zetec S DOHC 1242ccm 55kw(75PS)	97→	71,9 4	IN	V959	97MM6507A2B 1051772	26,1x6x97,7	45 3	VV274 VV274.1		6x11,05x39 +0,05	G A
			EX	V960	98MM6505A2A 1051770	22,1x6x99,7	45 3	VV274 VV274.1		6x11,05x39 +0,05	G A
Focus 1.4i 16V Eng. ASDA 1388ccm	04→	71,9 4	IN	V1288	1320926	28x6x99,5	45 3	VV178 VV178.1		6x12,03x36 +0,05	G A
			EX	V1026	1S6C6505BA 1113189	24,1x6x101,5	45 3	VV178 VV178.1		6x12,03x36 +0,05	G A
Focus III 1.0 Eco Boost C Max 1.0 Eco Boost Fiesta 1.0 Eco Boost Eng. M1DA, M1JE, SFJA 998cm	12→	71,9 4	IN	V2045	1760579 CM5G6507CB	27,1x5x96,3	45 3	VV609		5x9,5x36	G A
			EX	V2046	1760588 CM5G6505EA	23,1x5x98,3	45 3	VV609		5x9,5x36	G A
Fiesta 1.0 12V Eng. XMJA 998cm	13→	71,9 3	IN	V2045	1760579 CM5G6507CB	27,1x5x96,3	45 3	VV609		5x9,5x36	G A
			EX	V2046	1760588 CM5G6505EA	23,1x5x98,3	45 3	VV609		5x9,5x36	G A
Fiesta 1.0 L/GL/Ghia Fiesta 1.0 45/45 HIFI Eng. BLO9L 957ccm 30/33kw(40/45PS)	76→	73,96	IN	V921	80BM6507AC	33x7,9x105,9	45 3				
	76→	4		V921.1	77BM6507AB 80BM6507BC	+0,2d					
			EX	V772	77BM6505AC 84BM6505GA	29,1x7,9x105,6	45 3				
				V772.1 V772N	77BM6505EB	+0,2d +0,3d					

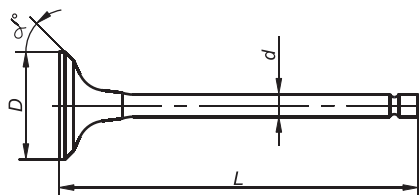
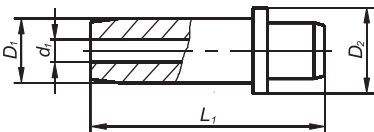
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Escort 1.1 L/LE/Popular Fiesta 1.1 L/GL/S/Ghia Fiesta 50/50 HIFI Eng. GSF 1117ccm 76-83 76-83 76→ 39kw(53PS)	73,96 4	IN	V771 V771.1 V771N	80BM6507DC 77BM6507DB 80BM6507EC	38,2x7,9x105,9 +0,2d +0,3d	45	3				
		EX	V772 V772.1 V772N	77BM6505AC 84BM6505GA 77BM6505EB	29,1x7,9x105,6 +0,2d +0,3d	45	3				
Escort 1.1 Fiesta 1.1 Sweden Models 1117ccm 76-83 76-83 34kw(46PS)	73,96 4	IN	V771 V771.1 V771N	80BM6507DC 77BM6507DB 80BM6507EC	38,2x7,9x105,9 +0,2d +0,3d	45	3				
Escort 1.1 Eng. GSE 1117ccm 83→ 40/43kw(55/59PS)		EX	V772A	77BM6505DB	29,1x7,9x105,6	45	3				
Escort 1.3 L/GL/Ghia Orion 1.3 L/GL Fiesta 1.3 Eng. JPA/JPC – CVH 1295ccm 80→ 80→ 84→ 51kw(69PS)	73,96 4	IN	V781 V781.1	81SM6507KF 89SM6507AA 81SM6507NF	42x8x134,8 +0,2d	45	3	VV176 VV176.1 VV176.2	81SM6510LC	8x13,57x65 +0,05 +0,10	G F
		EX	V782 V782.1	81SM6505AF 81SM6505BF	34x8x131,4 +0,2d	45	3	VV176 VV176.1 VV176.2	81SM6510LC	8x13,57x65 +0,05 +0,10	G F
KA 1.3 8V Fiesta 1.3 8V Fusion 1.3 8V Eng. Duratec 1299ccm 02→	73,96 4	IN EX	V1837 V1838	1144340 1144339	35,1x6x109,6 29,7x6x109,8	45 45	3 3				
Courier 1.4i 16V Fiesta 1.4i 16V Eng. ZH14 Zetec SE, FHA-FHE, DOHC 1388ccm 95-97 95-97 55/66kw(75/90PS)	76 4	IN EX	V917 V918	97MM6507B2A 1012749 97MM6505B2A 1012747	28x6x97,4 24x6x99,4	45 45	1 1	VV274 VV274.1 VV274 VV274.1		6x11,05x39 +0,05 6x11,05x39 +0,05	G A G A
Fiesta 1.4i 16V Puma 1.4i 16V Focus 1.4i 16V Eng. ZH14 Zetec S, FHDA/B 1388ccm 97→ 97→ 99→ 55/66kw(75/90PS)	76 4	IN EX	V1061 V1062	97MM6507B2B 1051773 98MM6505B2B 1069529 1101934	28,1x6x97,4 24,1x6x99,4	45 45	3 3	VV274 VV274.1 VV274 VV274.1		6x11,05x39 +0,05 6x11,05x39 +0,05	G A G A

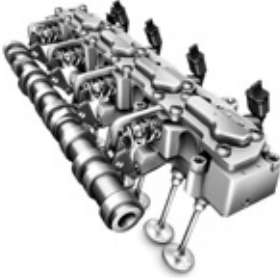
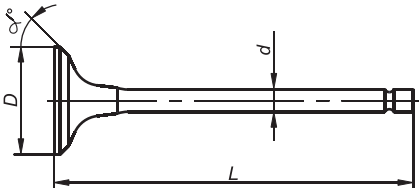
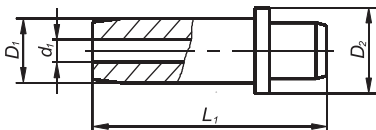
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1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Courier 1.4 16V Fiesta 1.4 16V Focus 1.4 16V Eng. Zetec EFI DOHC, ASDA 1388ccm 59kw(80PS)	97→ 03→ 04→	76 4	IN	V1288	1320926 1151997	28x6x99,5	45 3	VV178 VV178.1		6x12,03x36 +0,05	G A
			EX	V1026	1S6C6505BA 1113189	24,1x6x101,5	45 3	VV178 VV178.1		6x12,03x36 +0,05	G A
Fiesta VI 1.4i 16V BIFUEL ENGINE 1388ccm	09→	4	IN	V1887	1673829	28,1x6x99,4	45 3				
			EX	V1888	1673827	24,1x6x101,4	45 3				
Puma 1.4i 16V Eng. Zetec SE- DOHC 1388 ccm 66kw(90PS)	97→	76 4	IN	V895	928M6507C1A 928M6507C2A 6742921	26x6x97,1	45 1	VV178 VV178.1		6x12,03x36 +0,05	G A
			EX	V896	948M6505A2A 928M6505C2A 7314594 1023591	24,5x6x96,7	45 1	VV178 VV178.1 VV536	 BRONZE VERSION	 6x12,03x36	 B A
Fiesta 1.6i 16V Escort 1.6i 16V Mondeo 1.6i 16V Orion 1.6i 16V Eng. Zetec SE- DOHC 1597ccm 66kw(90PS)	92-97 92-97 93-97 92-93	76 4	IN	V985	928M6507E2A 6742922 1041830	26x6x97,1	45 3	VV178 VV178.1 VV383 VV383N	11122-10040	6x12,03x36 +0,05 6x11,05x40,5 +0,05	G A G P
			EX	V986	948M6505C2A 1033898	24,5x6x96,7	45 3	VV178 VV178.1 VV383 VV383N VV537	 11122-10040 BRONZE VERSION	 6x12,03x36 +0,05 6x11,05x40,5 +0,05 6x12,03x36	 G A G P B A
Fiesta 1.6i 16V Escort 1.6i 16V Mondeo 1.6i 16V Eng. L1F Zetec SE DOHC 1597ccm 66/70kw(90/95PS)	97→ 96→ 97→	76 4	IN	V985	928M6507E2A 6742922 1041830	26x6x97,1	45 3	VV178 VV178.1 VV383 VV383N	11122-10040	6x12,03x36 +0,05 6x11,05x40,5 +0,05	G A G P
			EX	V986	948M6505C2A 1033898	24,5x6x96,7	45 3	VV178 VV178.1 VV383 VV383N VV537	 11122-10040 BRONZE VERSION	 6x12,03x36 +0,05 6x11,05x40,5 +0,05 6x12,03x36	 G A G P B A
Focus 1.4 16V Eng. ASDA/B Zetec EFi 1388ccm 55/59kw(75/80PS)	98→	76 4	IN	V1025	1S4G6507CA 1122364	30x6x99	45 3	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P
			EX	V1026	1S6C6505BA 1113189	24,1x6x101,5	45 3	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P
Focus 1.6 16V Eng. Zetec S/FYDA/B/C/D 1596ccm 74kw(101PS)	01→	79 4									

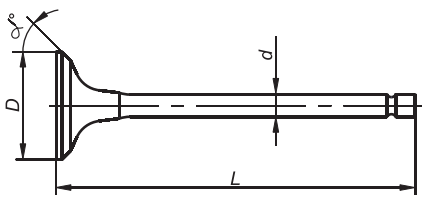
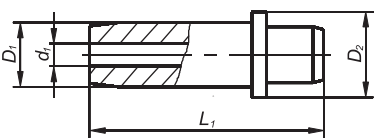
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Fusion 1.6 16V 02→ Eng. FYJA/B Zetec S EFI DOHC New Focus Ti/VCT 1.6 16V 04→ New Focus C Max/VCT 1.6 16V 03→ Fiesta 1.6 16V New Mondeo 1.6 16V 97→ Eng. HWD A/B, HXDA, Zetec S 1596ccm 74/76kw(101/103PS)	79 4	IN EX	V1025	1S4G6507CA 1122364	30x6x99	45	3	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P
			V1026	1S6C6505BA 1113189	24,1x6x101,5	45	3	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P
Escort 1.4 CL/Ghia 81→ Escort 1.4 Cabriolet 81→ Orion 75 CL/Ghia 81→ Fiesta, Escort 1.4 86→ Orion 1.4 86→ Eng. F6A/B/C, FUA/B/C 1392ccm 52/55kw(71/75PS)	79 4	IN EX	V801	86SM6507AA 6137194	40x8x136,5	45	3	VV176 VV176.1 VV176.2	81SM6510LC	8x13,57x65 +0,05 +0,10	G F
			V802	86SM6505AD 6162460	34x8x133,2	45	3	VV176 VV176.1 VV176.2	81SM6510LC	8x13,57x65 +0,05 +0,10	G F
Focus 1.6i 16V 98→ Eng. Zetec SE SFI FYDA/B/C 1596ccm 77kw(105PS)	79 4	IN EX	V987	1053844	27x6x98,2	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
			V988	1053842 1066044	24,5x6x97,7	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
								VV537	BRONZE VERSION	6x12,03x36	B A
Focus 11→ C-Max 13→ Fiesta Eng. JQDA/JQDB 1595ccm	79 4	IN EX	V2273	1755220 1800892 BM5G6507AE	30x5x98,8	45	3	VV620		5x9,5x36,1	B A
			V2274	1800711 BM5G6507BA	24,9x5x99,7	60	3	VV620		5x9,5x36,1	B A
Focus 1.6i 16V 01→ Eng. FXDA/B/C Sigma SE SFI 1596ccm 74kw(100PS)	79 4	IN EX	V1115	98MM6507C2B 1072048	30,1x6x97	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
			V988	1053842 1066044	24,5x6x97,7	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A

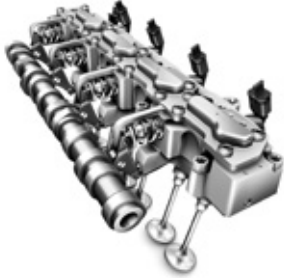
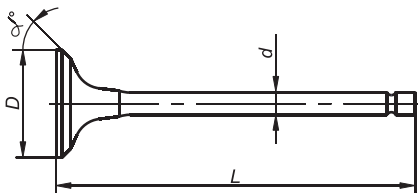
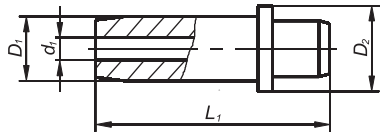
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Fiesta 1.4i 16V 96→ Focus 1.4i 16V 98→ Puma 1.4i 16V 97→ Eng. FHA/Z14 Zetec S DOHC 1388ccm 55/66kw(75/90PS)	76 4	IN	V1115	98MM6507C2B 1072048	30,1x6x97	45	3	VV274 VV274.1 VV383 VV383N	11122-10040	6x11,05x39 +0,05 6x11,05x40,5 +0,05	G A G P
		EX	V1062	98MM6505B2B 1069529 1101934	24,1x6x99,4	45	3	VV274 VV274.1 VV383 VV383N	11122-10040	6x11,05x39 +0,05 6x11,05x40,5 +0,05	G A G P
Fiesta 1.6i 16V 98→ Focus 1.6i 16V 98→ Focus C-Max 1.6i 16V Puma 1.6i 16V 00→ Eng. FYDA/Z16 Zetec S DOHC 1597ccm 74/76kw(100/103PS)	79 4	IN	V1115	98MM6507C2B 1072048	30,1x6x97	45	3	VV274 VV274.1 VV383 VV383N	11122-10040	6x11,05x39 +0,05 6x11,05x40,5 +0,05	G A G P
		EX	V1062	98MM6505B2B 1069529 1101934	24,1x6x99,4	45	3	VV274 VV274.1 VV383 VV383N	11122-10040	6x11,05x39 +0,05 6x11,05x40,5 +0,05	G A G P
Puma 1.7i Coupe 16V 98→ Eng. Z17 Zetec S DOHC 1679ccm 92kw(125PS)	80 4										
Escort 1.6 L/GL/Ghia 80-86 Escort 1.6 XR3/XR3i 80-86 Orion 1.6 L/GL/Ghia 84-86 Eng. LR2, LRB-CVH 1596ccm 58/71kw(79/96PS)		IN	V781	81SM6507KF 89SM6507AA V781.1 81SM6507NF	42x8x134,8 +0,2d	45	3	VV176 VV176.1 VV176.2	81SM6510LC	8x13,57x65 +0,05 +0,10	G F
		EX	V795	81SM6505AG V795.1 81SM6505BG	37x8x131,8 +0,2d	45	3	VV176 VV176.1 VV176.2	81SM6510LC	8x13,57x65 +0,05 +0,10	G F
Escort 1.6 86-89 Fiesta, Orion 1.6 86-89 Sierra 1.6 89-93 Eng. L4B, CVH 1598ccm 52/77kw(70/105PS)											
Escort XR3i 1.6i 89→ Orion 1.6i 89→ Sierra 1.6i 89→ Fiesta XR2i 1.6i 90→ Eng. LUD, LJD-CVH 1598ccm 59/66/81kw(80/90/110PS)		IN	V781	81SM6507KF 89SM6507AA V781.1 81SM6507NF	42x8x134,8 +0,2d	45	3	VV176 VV176.1 VV176.2	81SM6510LC	8x13,57x65 +0,05 +0,10	G F
		EX	V795A	81SM6505AG V795.1 81SM6505BG	37x8x131,8 +0,2d	45	3	VV176 VV176.1 VV176.2	81SM6510LC	8x13,57x65 +0,05 +0,10	G F

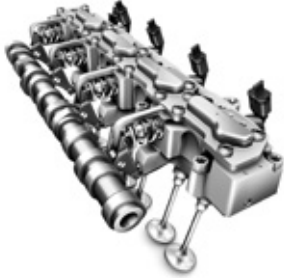
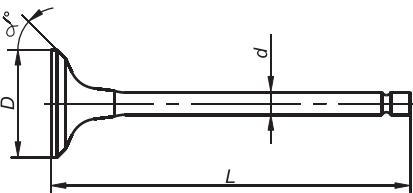
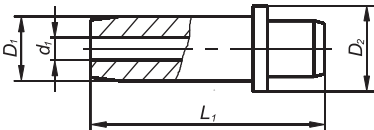
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Escort RS 1.6 Turbo 85-91 Fiesta RS 1.6 Turbo 90-92 Eng. CVH Turbo 1597ccm 96kw(130PS)		IN	V781	81SM6507KF	42x8x134,8	45	3	VV176	81SM6510LC	8x13,57x65	G
				89SM6507AA				VV176.1		+0,05	F
		EX	V781.1	81SM6507NF	+0,2d			VV176.2		+0,10	
			V795A	81SM6505AG	37x8x131,8	45	3	VV176	81SM6510LC	8x13,57x65	G
			V795.1	81SM6505BG	+0,2d			VV176.1		+0,05	F
								VV176.2		+0,10	
Sierra 1.8 GL/GLX/Sapphire 1.8 88-93 Eng. R2A/R6A-CVH 1796ccm 66kw(90PS)	80 4	IN	V925	E7EE6507B2A E7FZ6507A	39x8x136,7	45	3	VV176	81SM6510LC	8x13,57x65	G
								VV176.1		+0,05	F
								VV176.2		+0,10	
Tracer 1.9 91-93 1896ccm 66kw(90PS)		EX	V926	E7EE6505B2C E7FZ6505A	34x8x133,9	45	3	VV176	81SM6510LC	8x13,57x65	G
								VV176.1		+0,05	F
								VV176.2		+0,10	
Puma 1.7i Coupe 16V 97→ Eng. MHA/B Zetec SE DOHC 1679ccm 92kw(125PS)	80 4	IN	V1063	97MF6507AA 1031008	30x6x96,2	45	1	VV178		6x12,03x36	G
								VV178.1		+0,05	A
		EX	V1064	97MF6505AA 1031007	26x6x98,3	45	1	VV178		6x12,03x36	G
								VV178.1		+0,05	A
Fiesta, Orion 1.8 16V 88→ Mondeo 1.8 16V 92→ Escort XR3i 1.8 16V 92→ Eng. RDA, RQB Zetec SE 1796ccm 77/96kw(105/130PS)	80,6 4	IN	V903	928M6507D1A 6640543	32x6x97,1	45	1	VV178		6x12,03x36	G
								VV178.1		+0,05	A
		EX	V904	928M6505D2A 948M6505B2A 6640542	28x6x96,7	45	1	VV178		6x12,03x36	G
								VV178.1		+0,05	A
Fiesta 1.8i 16V 92-97 Escort 1.8i Cabrio 16V 92-97 Mondeo 1.8i 16V 92-97 Sierra 1.8i 16V 92-97 Eng. RKA, RKB, RKK - Zetec SE 1796ccm 85kw(115PS)		EX	V1886	F8CZ6505AA	28x6x96,6	45	1	VV178		6x12,03x36	G
								VV178.1		+0,05	A
Mondeo 2.0i Turnier 16V 92-97 Eng. Zetec E-RKC Escort 2.0i 16V 93-97 Fiesta 2.0i 16V 92-97 Eng. NGA/B/C Zetec SE 1998ccm 77/110kw(105/150PS)	84,8 4 86 4										

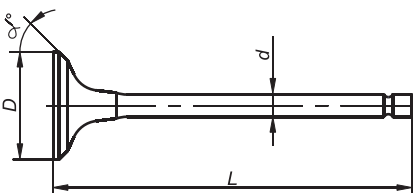
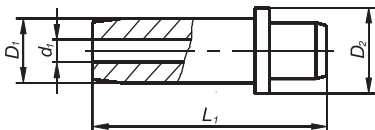
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1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Fiesta,Focus 1.8i 16V 97→ Escort, Mondeo 1.8i 16V 97→ Orion 1.8i 16V 92→ Eng. Zetec E DOHC – RDA, RQB 1796ccm 77/85kw(105–116PS)	80,6 4	IN	V905	928M6507F2A	32x6x97,1	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
Escort 2.0i 16V 97→ Mondeo 2.0i Turnier 16V 93→ Fiesta 2.0i 16V 97→ Cougar 2.0i 16V 97→ Eng. Zetec E DOHC–NGA, EDDB/B/C/D 1988ccm 96/100kw(131/136PS)	84,8 4	EX	V906	948M6505D2A 1033899	28x6x96,7	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
Focus 1.8i 16V 98→ Transit 1.8i 16V 02→ Eng. ZH18 Zetec E DOHC/EYDC 1796ccm 85kw(115PS)	80,6 4	IN	V1105	XS7E 6507 D2A 1053845	33x6x98	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
Mondeo 2.0i 16V 98→ Cougar 2.0i 16V 98→ Focus 2.0i 16V 98→ Eng. ZH20 Zetec E DOHC, EDDB, EDDC, EDDF 1998ccm 96/100kw(130/136PS)	84,8 4	EX	V1106	XS7E 6505 D2D 1053843 1124514	28x6x97,7	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
Mondeo 2.0i 16V 00→ Eng. ZH20HE Duratec CJBA, CJBB 1998ccm 107kw(145PS)	87,5 4										
Galaxy VR6 4x4 2.8i 24V 95→ Eng. AAA 2792ccm 128kw(174PS)	81 V–6	IN	V929	95VW6507AA 1031317 1004128	39x7x106	45	3	VV149 VV149.1	7 402 396	7x13/12,07x38 +0,05	B G
		EX	V930	95VW6505AA 1031316 1004127	34,2x7x107	45	3	VV149 VV149.1	7 402 396	7x13/12,07x38 +0,05	B G

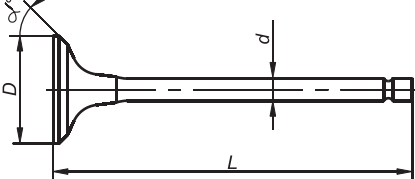
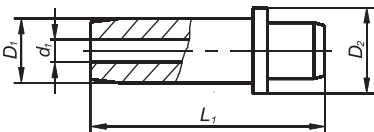
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1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Galaxy 2.8i VR6 24V Eng. AYL 2792ccm 150kw(204PS)	00→06	81 6	IN IN EX EX	V1217 V1219 V1220 V1218	022 109 601E 022 109 601F 022 109 611B 022 109 611C	31x6x102,1 31x6x136 27x6x102,5 27x6x136,4	45 45 45 45	3 3 3 3	VV512 VV512N VV513 VV513N VV512 VV512N VV513 VV513N	 	

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Ford Focus 2.0 ST170 16V Eng. ALDA 1988ccm	02-04	84,8 4	IN EX	V1889 V1890	1143059 1143057	33,5x6x102,8 28x6x102,4	45 3 45 3				
Escort XR3i/RS2000 2.0i 16V Scorpio 2.0i 16V Eng. DH20 DOHC 1998ccm	90→ 95→ 110kw(150PS)	86 4	IN EX	V923 V924	95XM6507AC 7076363 91XM6505AB 6576229	33,5x7x112 30x7x111,6	45 3 45 3				
Scorpio 2.3i 16V Galaxy 2.3i 16V Transit 2.3i 16V Eng. DH23 DOHC 2295ccm	96→ 97→ 99→ 107kw(145PS)	89,6 4									
Sierra 2.0i Granada 2.0i Scorpio 2.0i Galaxy 2.0i Transit 80/100/120/130/190 2.0i Eng. DL20 EFI, N9A/C/D 1988ccm	89-94 89-95 94→ 95→ 94→ 77/85/100kw(105/115/136PS)	86 4	IN EX	V791 V792	88WM6507BA 95WM6507AA 7078139 88WM6505EA 95WM6505AA 7078136	42,6x7x108,5 38x7x108,9	45 3 45 3	VV177 VV177	6 172 956 6 172 956	7x13,55x43 7x13,55x43	G F G F
Granada 1.8GL Scorpio 1.8 CL/GL Sierra 1.8 L/GL/Ghia Eng. REB/C/D-OHC 1796ccm	85→ 85→ 84→ 66kw(90PS)	86,2 4	IN EX	V865 V865.1 V865.2 V866 V866.1 V866.2	85HM6507FA 85HM6507GA 85HM6507HA 85HM6505AA 85HM6505BA 85HM6505CA	42x8x112,3 +0,2d +0,4d 34,2x8x111,7 +0,2d +0,4d	45 3 45 3	VV197 VV198		8x12,75x53,3 8x12,75x53,3	G F G F
Taunus 1.6 Escort 1.6 Capri 1.6 Cortina, Pinto 1.6 Granada 1.6 Sierra 1.6 Transit 100/120/130/190 Eng. LAR, LAT, LCE, LCJ, LCN 1593ccm	70-79 75-79 70→ 70-79 81→ 82→ 78-79 46/55kw(63/75PS)	87,65 4	IN EX	V617 V617.1 V617.2 V618 V618.1 V618.2	70HM6507AE 70HM6507BE 70HM6507CE 70HM6505AF 78HM6505BA 78HM6505BF 78HM6505CF	42x8x113,2 +0,2d +0,4d 34,2x8x112,6 +0,2d +0,4d	45 3 45 3	VV197 VV198		8x12,75x53,3 8x12,75x53,3	G F G F

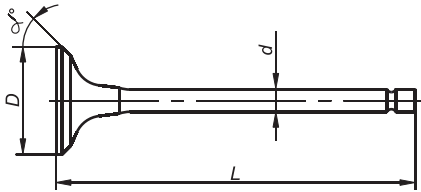
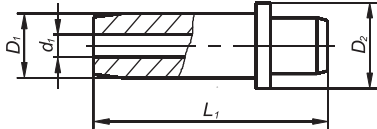
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
FORD											
New Focus 2.0 16V 04→ Mondeo 2.0 16V 04→ Focus C Max 2.0 16V 04→ Eng. CJBA, CJBB, AODA, Duratec HE SFi 1999ccm 107kw(146PS)	87,5 4	IN	V1495	1124378	35x5,5x103,4	45	1	VV396	LFY1-10-281	5,5x11,06x39	G A
Galaxy 2.3 16V 06→ Maverick 2.3 16V 01→ Eng. G7, AOWA 2300ccm 110/118kw(150/160PS)		EX	V1496	1124377	30x5,5x104,6	45	1	VV396	LFY1-10-281	5,5x11,06x39	G A
Sierra 2.0 RS Turbo 16V 88→ Eng. N5B, Cosworth 1993ccm 150kw(204PS)	90,8 4	IN	V1081		35x7x105,6	45	1	VV539		7x13,06x43	B F13
		EX	V1082		31x8x105,5	45	1	VV540		8x13,06x43	B F13
Capri 2.0 79→ Cortina 2.0 GL/GT 79→ Escort RS 2.0 79→ Granada 2.0 L/GL 79→ Taunus 2.0 GL/GLS 79→ Transit FT 100/120/130 79→ Transit FT 160/190 79→ Eng. TL20H/L OHC 1993ccm 46kw(63PS)	90,8 4	IN	V773	70HM6507DC 70HM6507DD	42x8x111,2	45	3	VV199		8x12,75x60,3	G F
		EX	V773.1 V773.2	70HM6507ED 70HM6507FD	+0,2d +0,4d						
Sierra 2.0 L/GL 84→ Scorpio 2.0/2.0i CL/GL 85→ Eng. TL20H 1993ccm 57/85kw(78/115PS)			V774	70HM6505DE 78HM6505CA	36x8x110,6	45	3	VV200		8x12,75x60,3	G F
			V774.1 V774.2	70HM6505EE 70HM6505FE	+0,2d +0,4d						
Transit FT 100 78→ Eng. TL20 LOHC 1993ccm 64kw(87PS)											

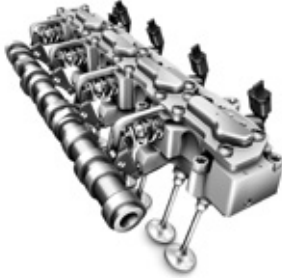
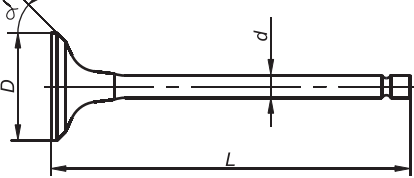
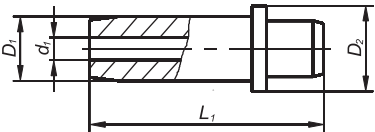
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
FORD DIESEL											
KA 1.3 TDCi Eng. Fiat FD4 1242ccm	09→	69,6	IN	V1413	46518930	21,7x6x109,2	45 3	VV391	46816601	6x10,03x43,2	G
		4	IN	V1873	FROM 2011	22,45x6x109,2	45 3	VV391.1 VV391.2		+0,03 +0,23	F3
			EX	V1414	46518931	21,7x6x109,2	45 3	VV391	46816601	6x10,03x43,2	G
			EX	V1874	FROM 2011	22,5x6x109,2	45 3	VV391.1 VV391.2		+0,03 +0,23	F3
Fiesta 1.4 TDCi Fusion 1.4 TDCi Fiesta Van 1 TDCi Eng. F6JA/B Duratorq TDCi 1399ccm 50kw(68PS)	01→ 02→	73,7	IN	V1205	1145933 1152191	32,8x5,5x97,3	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
		4	EX	V1206	1145932 1152190	30,3x5,5x97,3	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
Fiesta 1.4 TDCi Eng. KVJA 1399ccm	10→	73,7	IN	V2015	1685847 AV6Q6507AA	30,1x5,5x95,5	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
		4	EX	V2016	1685845 AV6Q6505AA	27,4x5,5x95,5	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
Fiesta 1.6 TDCi 16V Fusion 1.6 TDCi 16V Eng. HHJA, HHJB New Focus 1.6 TDCi 16V Focus CMax 1.6 TDCi 16V Eng. G8DA/B, DV6TED4 Eng. GPDA, GPDC 1560ccm 80kw(109PS)	04→ 04→ 04→ 04→	75	IN	V1493	1229882	25,6x5,5x96,4	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
		4	EX	V1494	1229883	23,4x5,5x96,6	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
C-Max 1.6 TDCi Fiesta 1.6 TDCi Focus 1.6 TDCi S-Max 1.6 TDCi Eng. T1DA, T1DB, T3DB, T3DA, T3JA Eng. TJZA, TJZB, TJWB, TZJA, TZJB 1560ccm 70/85kw(95/115PS)	10→	75	IN	V2015	1685847 AV6Q6507AA	30,1x5,5x95,5	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
		4	EX	V2016	1685845 AV6Q6505AA	27,4x5,5x95,5	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
Mondeo IV 1.6 TDCi Eng. T1BB 1560ccm 85kw(116PS)	→15										

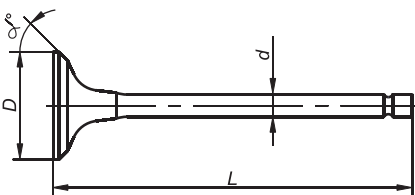
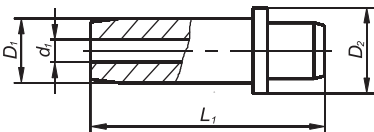
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FORD DIESEL											
Galaxy 1.9 TDI Eng. 1Z, AFN Turbo 1896ccm 66kw(90PS)	95→ 79,5 4	IN	V821 V821N1	028 109 601H 1669766	36x8x96,8 +0,5S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
		EX	V822 V822N1	046 109 611F 1669772	31,5x8x96,9 +0,5S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Galaxy 1.9 TDI Eng. AHU, AFN, AVG Turbo 1896ccm 66/81kw(90/110PS)	97→ 79,5 4	IN	V811 V811N1	028 109 601D 1079769	36x7x96,9 +0,5S	45	3	VV151 VV151N VV151.1	1037143	7x12,07x36,5 +0,05 +0,15	B G
		EX	V812 V812N1	028 109 611G 1049788	31,4x7x96,9 +0,5S	45	3	VV151 VV151N VV151.1	1037143	7x12,07x36,5 +0,05 +0,15	B G
Galaxy 1.9TDI Eng. ANU 1896ccm 66kw(90PS)	96→ 79,5 4	IN	V919 V919N1 V919N3	038 109 601B	36x7x90 +0,5S +1,0S	45	3	VV151 VV151N VV151.1	1037143	7x12,07x36,5 +0,05 +0,15	B G
Galaxy 1.9TDI Eng. AJM,AUY 1896ccm 85kw(115PS)	00→ 79,5 4	EX	V920 V920N1 V920N3	038 109 611B	31,5x7x90 +0,5S +1,0S	45	3	VV151 VV151N VV151.1	1037143	7x12,07x36,5 +0,05 +0,15	B G
		EX	V1832	038 109 611F	31,5x7x89,5	45	3	VV151 VV151N VV151.1	1037143	7x12,07x36,5 +0,05 +0,15	B G
Escort 1.6 D/LD/GLD Fiesta 1.6 D/LD Orion 1.6 LD/GLD Eng. LTA/B/C – OHC 1608ccm 40kw(54PS)	84→ 84→ 84→ 40kw(54PS)	IN	V615 V615.1 V615.2 V615N1	84FM 6507 AC 84FM 6507 AB 84FM 6507 BC 84FM 6507 CC	34,9x8x107,3 +0,20d +0,40d +0,5S/+0,6d	45	3	VV179	7402396	8x12,76x38	G F
		EX	V616 V616.1 V616.2 V616N1	84FM 6505 AC 84FM 6505 BC 84FM 6505 CC	31x8x108,6 +0,20d +0,40d +0,5S/+0,6d	45	3	VV179	7402396	8x12,76x38	G F

												
		CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1		2	3	4	5	6	7	8	9	10	11	12
FORD DIESEL												
Fiesta, Escort 1.8 D Orion 1.8 D Courier Van 1.8D Eng. D18 N/A – RTA/B/C 1753ccm 44kw(60PS)	89→ 89→ 91→	82,5 4	IN	V613 V613N V613.1 V613.2 V613N1 V613N8 V613N9	89FF 6507 AA 89FF 6507 BA 89FF 6507 CA	36,5x8x107,1 +0,10d +0,20d +0,40d +0,5S/+0,60d +0,5L +0,5L/+0,2d	45	3	VV179	7402396	8x12,76x38	G F
			EX	V614 V614N V614.1 V614.2 V614N1 V614N8 V614N9	89FF 6505 AA 89FF 6505 BA 89FF 6505 CA	32x8x109,2 +0,10d +0,20d +0,40d +0,5S/+0,60d +0,5L +0,5L/+0,2d	45	3	VV179	7402396	8x12,76x38	G F
Sierra 1.8 TD Fiesta 1.8 TD Escort 1.8 TD Mondeo 1.8 TD Orion 1.8TD Eng. D18E Turbo 1753ccm 51–66kw(69–90PS)	90→ 90→ 92→ 92→ 90–93	82,5 4	IN	V613 V613N V613.1 V613.2 V613N1 V613N8 V613N9	89FF 6507 AA 89FF 6507 BA 89FF 6507 CA	36,5x8x107,1 +0,10d +0,20d +0,40d +0,5S/+0,60d +0,5L +0,5L/+0,2d	45	3	VV179	7402396	8x12,76x38	G F
Focus 1,8 TD/TDCi 16V Eng. C9DC 1753ccm 67kw(91PS)	99→		EX	V614 V614N V614.1 V614.2 V614N1 V614N8 V614N9	89FF 6505 AA 89FF 6505 BA 89FF 6505 CA	32x8x109,2 +0,10d +0,20d +0,40d +0,5S/+0,60d +0,5L +0,5L/+0,2d	45	3	VV179	7402396	8x12,76x38	G F
Fiesta 1.8 TDI DI Focus 1.8 TDI DI Courier 1.8 TDI Eng. LD18TCI Turbo 1753ccm 55–85kw(75–115PS)	00→ 98→ 99→	82,5 4	IN	V1071 V1071.1	1113197	36,5x8x107 +0,20d	45	3	VV179	7402396	8x12,76x38	G F
			EX	V1072 V1072.1	1198044	32x8x108,7 +0,20d	45	3	VV179	7402396	8x12,76x38	G F
Focus 1.8 TDCi Transit 1.8 TDCi Eng. C9DC Turbo, Endura 1753ccm 66kw(90PS)	02→ 01→											

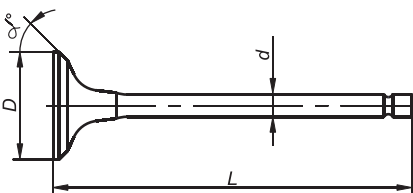
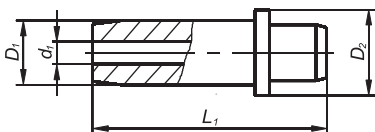
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
FORD DIESEL											
Focus 2.0 TDCi 16V C-Max 2.0 TDCi 16V Eng. G6DA, G6DB Duratorq 1997ccm 100kw(136PS)	04→ 03→	85 4	IN	V1313	0948.C0	29,9x6x106,2	45 3	VV378 VV378.1 VV266 VV266.1	0220.A2 0220.A1	6x10,06x41,5 +0,05 6x12,07x42,5 +0,05	G A G F
			EX	V1314	0949.A9	25x6x106,1	45 3	VV378 VV378.1 VV266 VV266.1	0220.A2 0220.A1	6x10,06x41,5 +0,05 6x12,07x42,5 +0,05	G A G F
New Focus 2.0 TDCi Focus C Max 2.0 TDCi Eng. G6DA/B 1997ccm 100kw(136PS)	04→ 03→	85 4	IN	V1179	1231931	29,8x6x105	45 3	VV378 VV378.1 VV266 VV266.1	0220.A2 0220.A1	6x10,06x41,5 +0,05 6x12,07x42,5 +0,05	G A G F
			EX	V1180	1231930	25x6x105	45 3	VV378 VV378.1 VV266 VV266.1	0220.A2 0220.A1	6x10,06x41,5 +0,05 6x12,07x42,5 +0,05	G A G F
S-Max 2.0 TDCi New Galaxy 2.0 TDCi Eng. AZWA, QXWA, QXWB 1997ccm Kuga 2.0 TDCi 16V Mondeo IV 2.0 TDCi 16V Eng. QXBA, UFBA 1997ccm	06→	85 4	IN	V1179	1231931	29,8x6x105	45 3	VV378 VV378.1 VV266 VV266.1	0220.A2 0220.A1	6x10,06x41,5 +0,05 6x12,07x42,5 +0,05	G A G F
			EX	V1180	1231930	25x6x105	45 3	VV378 VV378.1 VV266 VV266.1	0220.A2 0220.A1	6x10,06x41,5 +0,05 6x12,07x42,5 +0,05	G A G F
Mondeo IV 2.0 TDCi Eng. TXBA, TXWA 1997ccm		85 4	IN	V2051	1683701 9M5Q6705AA	27,25x6x104,5	45 3				
			EX	V1180	1675716	25x6x105	45 3				
S-Max 2.2 TDCi 16V Mondeo 2.2 TDCi 16V Eng. Q4AB 2179ccm	08→ 08→	85 4	IN	V1723	0948.E5	27,2x6x95,8	45 3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
			EX	V1724	0949.E1	25x6x95	45 3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
Galaxy 2.2 TDCi 16V Mondeo IV 2.2 TDCi Eng. Q4BA 2179ccm 129kw(175PS)	08→ 08→	85 4	IN	V1723	0948.E5	27,2x6x95,8	45 3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
			EX	V1724	0949.E1	25x6x95	45 3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A

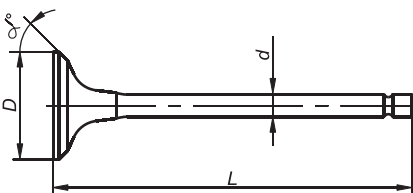
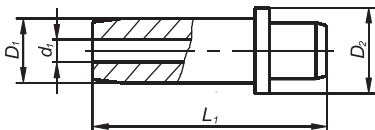
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1	2	3	4	5	6	7	8	9	10	11	12
FORD DIESEL											
Econovan 2.0 Eng. RF Mazda 1998ccm 41kw(56PS)	85→ 										

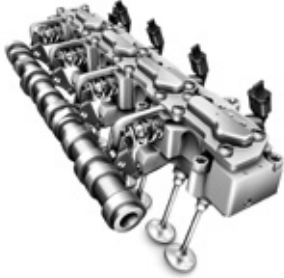
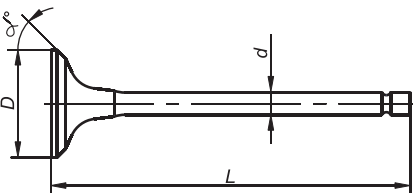
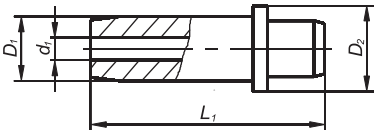
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1	2	3	4	5	6	7	8	9	10	11	12
FORD DIESEL											
Bronco 2.3 TD 85→ Eng. 4D55T Turbo 2343ccm 62/70kw(84/95PS)	91,1 4	IN	V943	MD 083 661	40x8x136,5	45	1	VV277	MD 050 523	8x13,12x71	G P
		EX	V944	MD 083 662	34x8x136,5	45	1	VV278	MD 050 527	8x13,12x74	G P6
Granada, Scorpio 2.5TD 93→ Eng. VM Turbo Diesel 2498ccm 87/92kw(118/125PS)	92 4	IN	V1167	V94DD6507AA	40,2x8x121	55	1	VV411		8x14,06x55	G
								VV411.1		+0,03	A
								VV411.2		+0,18	
								VV521		8x14,06x55	G
								VV521.1		+0,03	F
								VV521.2		+0,18	
		EX	V1168	V94DD6505AA	34x8x121	45	1	VV411		8x14,06x55	G
								VV411.1		+0,03	A
								VV411.2		+0,18	
								VV521		8x14,06x55	G
								VV521.1		+0,03	F
								VV521.2		+0,18	
Ranger 2.5 TDi 99→ Eng. WL/WL-T 2499ccm 57/80kw(78/109PS)	93 4	IN	V1515	3595890	32,7x7x112	45	1	VV465	WLY1-10-280	7x12,06x46	G P1
		EX	V1516	3595885	35,6x7x111,8	45	1	VV465	WLY1-10-280	7x12,06x46	G P1
Ranger 2.5 TDi 16V 06→ Everest 2.5 TDi 16V Eng. WLAA 2499ccm	93 4	IN	V2047	1449108 6M346507AA	31x6x112	45	1				
		EX	V2048	1449109 6M346505AA	28x6x112	45	1				
Transit 2.5 DI 84→ Transit 2.5 TD 91→ Eng. D25/D25T Turbo 2496ccm 34/52kw(46/71PS)	93,67 4	IN	V789	894F6507A1B	42x9x124,5	60	3	VV175	844 F6510 CA	9x14,75x56,5	G
								VV175N		+0,05	A1
								VV175	844 F6510 CA	9x14,75x56,5	G
		EX	V790	894F6505A1B	36,3x9x123,9	45	3	VV175N		+0,05	A1

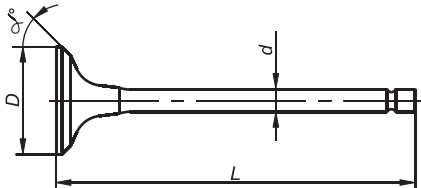
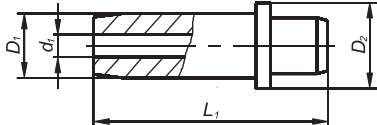
	CYL. Ø Nº	IN EX										
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1	2	3	4	5	6	7	8	9	10	11	12	
FORD DIESEL												
Sierra 2.3 D/LD/GLD Granada 2.3 D/LD/GLD/Turnier Scorpio 2.3 D/LD/GLD/Turnier Eng. LXD2, LXD2P, YTR, YTT 2304ccm 49kw(67PS)	82→ 82→ 82→	94 4	IN EX	V785 V786	83EM 6507 AA 78EM 6505 AA	40,4x8,5x116,2 33,4x8,5x116,2	60 45	1 1	VV219 VV219.1 VV219.2 VV219.3 VV219 VV219.1 VV219.2 VV219.3	0220.16 0220.19 0220.16 0220.19	8,5x14,05x55 +0,05 +0,10 +0,20 8,5x14,05x55 +0,05 +0,10 +0,20	G A G A
Sierra 2.5 D Granada 2.5 LD/GLD Scorpio 2.5 D Eng. XD3/XD3P 2498ccm 51kw(69PS)	82→ 82→ 82→	94 4	IN EX	V793 V794	83EM 6507 BB 93500418 83EM 6505 AB 93500889	42,5x8,5x116 35,5x8,5x116,3	45 45	1 1	VV219 VV219.1 VV219.2 VV219.3 VV219 VV219.1 VV219.2 VV219.3	0220.16 0220.19 0220.16 0220.19	8,5x14,05x55 +0,05 +0,10 +0,20 8,5x14,05x55 +0,05 +0,10 +0,20	G A G A
Maverick 2.7 TD Eng. TD 27T Euro 2 2664ccm 74/92kw(101/125PS)	93→ 93→	96 4	IN EX	V1343 V1344	13201-43G01 13202-31N01	43,5x8x117 38x8x117	45 45	1 1	VV395 VV395	13212-54T00 13212-54T00	8x12,04x47 8x12,04x47	G A36 G A36
FORD TRACTOR												
Tractor 2000/2310 2600/2810 Eng. 2502 E 2589ccm 25/30kw(34/41PS)	65→ 65→	106,68 3	IN EX	V1255 V1256	C5NE 6507 A C5NE 6505 A	45,8x9,5x145,9 38,4x9,5x145,9	45 45	8 10				
Tractor 3000 Eng. ND 2870ccm 32/35kw(44/47PS)	65→ 65→	106,698 3	IN									
Eng. RD 3815ccm 46/50kw(62/68PS)	65→ 65→	4										
Eng. 2504E 2870ccm 35kw(47PS)	65→ 65→	3										

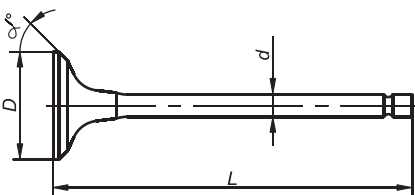
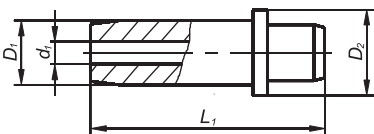
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FORD TRACTOR											
Eng. 675TA/HD 7480ccm	112 6	IN	V2275	87802256	47,5x9,5x147	60	3				
106kw(144PS)		EX	V2276	87802258	43x9,5x146,6	45	3				
Cargo 1320	82-99	IN	V313		53,6x10x165	45	1	VV17		10x16,03x95	G
Cargo 1520	82-86	IN	V571		53,6x10x165	45	4	VV17N		+0,05	A1
Cargo 1620	82-99							VV17.1		+0,25	
								VV17.2		+0,50	
Cargo 2220	82-84	EX	V314		46,6x10x165,3	45	1	VV18		10x16,03x83	G
Cargo 2420	82-99	EX	V572		46,6x10x165,3	45	4	VV18N		+0,05	A1
								VV18.1		+0,25	
								VV18.2		+0,50	
Cargo 2820	84-87										
Cargo 3020	82-99										
Cargo 3220	82-99										
Eng. F6L 413 FZ 9572ccm	150kw(204PS)										
Cargo 1317	82→	IN	V313		53,6x10x165	45	1	VV17		10x16,03x95	G
Cargo 1517	82→	IN	V571		53,6x10x165	45	4	VV17N		+0,05	A1
Cargo 1617	82-99							VV17.1		+0,25	
								VV17.2		+0,50	
Cargo 2817	82→	EX	V314		46,6x10x165,3	45	1	VV18		10x16,03x83	G
Eng. F6L 413 F 9572ccm	104/188kw(141/256PS)	EX	V572		46,6x10x165,3	45	4	VV18N		+0,05	A1
								VV18.1		+0,25	
								VV18.2		+0,50	
FSO/DAEWOO											
FSO 1500	75 4	IN	V05	4207966 4127674	35x8x110	45	11				
1481ccm	52kw(75PS)										
		EX	V06	4207968 4127675	31,5x8x104,6	45	11				

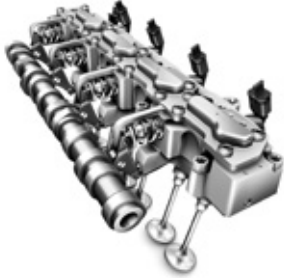
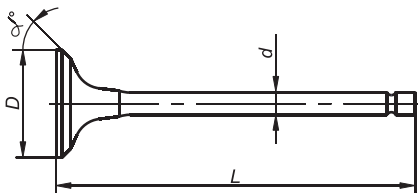
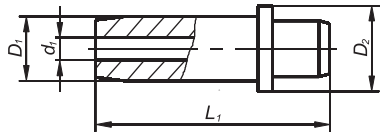
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
FSO/DAEWOO												
Polonez 1.4 Rover Eng. 14K4D, 14K4F 1396ccm 66/70kw(90/95PS)	94→ 4	75	IN	V1329	LGH10029 GH10029	27,7x6x89,6	45	1	VV269 VV269N	WAM 1452	6x9,85x30 +0,05	G A
		EX	V1330	LGH10028 GH10028	24,2x6x90	45	1	VV269 VV269N	WAM 1452	6x9,85x30 +0,05	G A	
FSO/DAEWOO DIESEL												
Polonez 1.9 D Eng. X4D9 1905ccm 48kw(65PS)	96→ 4	83	IN	V721	93510415 LGH10051 0948.63	38,5x8x112,4	45	1				
				V721N1 V721N3		+0,5S +1,0S						
			EX	V710	93510774 LGH10052 0949.47	33x8x111,9	45	1				
				V710N1 V710N3		+0,5S +1,0S						
GANZ MAVAG												
XVI JV 170/240 641-000	60-61		IN	V501	3-90573	84x18x257,5	60	12	VV79		18x47/30,05x156	G G
			EX	V502	3-90572	70x18x257,5	60	12	VV79		18x47/30,05x156	G G
XVI JV 170/240 641-100 641-200	70-72											G
GAZ												
NEW			IN	V2415		36x7x151,3	60	3				
			EX	V2416		34,2x7x150,3	55	3				
3308 Eng. D240 4750ccm	14→ 4	IN	V1053	2401007014B4 2401007014B7 2401007014B9	48x11x158	60	8					
		EX	V1052	2401007015B6 2401007015B7 2401007015B9	42x11x158	45	8					
3309 Eng. D245/D260 7120ccm	14→ 6											

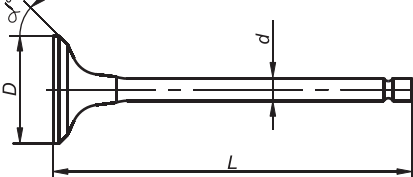
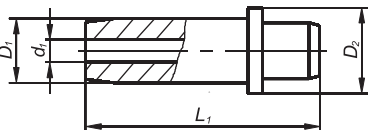
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
G.M.C. (U.S.A.)											
Pontiac Sunfire Pontiac Grand AM Chevrolet Cavalier LS Chevrolet Malibu Saturn ON1 Saturn VUE Eng. 2.2 L4 2198ccm	04→	4	IN EX	V1069 V1070	12575793 24454518	35,1x6x102,3 30,1x6x100,9	45 45	3 3	VV461 VV461N VV461 VV461N	 6x10,04x36 +0,05 6x10,04x36 +0,05	G A G A
Chevy Lumina Malibu Pontiac Buick 3500ccm	04→	6	IN EX	V2277 V2278	12568411 12577696 12568412 12577697	44,7x8x118,9 36,1x8x120,8	45 45	1 1	 	 	
Buick Hummer H3 2491ccm Eng. Vortec 256C.I. 3651/4200ccm	09→	4 6	IN EX	V2279 V2280	12601763 12601762	38,6x6x105,8 33,5x6x107,9	45 45	3 3	 	 	
C Truck K Truck Hummer H2			IN EX	V2281 V2282	12590771 12617533 12582719 12612427	55x8x123,9 40,4x8x124,7	45 45	1 1	 	 	
Hummer H3			IN EX	V2229 V2230	 30,5x6x107,8	37x6x105,4 	45 45	3 3	 	 	
G.M.C. (U.S.A. DETROIT DIESEL)											
Eng. 3.53 Eng. 4.53 series 53		3 4 6 8	EX	V548	5125917 5199323 5197176 5106136	27,8x6,3x141	60	5	 	 	
Eng. 6.71 series 71		3 3 4 6 6V 8V	EX	V417	5195167 5114288 8022516 5111336 23500501 5142777	30x8x140,5	60	5	 	 	

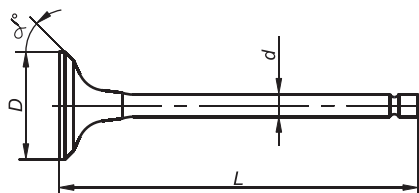
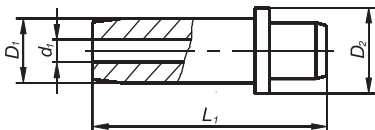
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
G.M.C. (U.S.A. DETROIT DIESEL)											
Eng. 92 Series (12V-92TA)	6V 8V 12V 16V	EX	V462	5106136 5149771 5148489 5149042	35x8x140,5	60	5				
Eng. (6A-71)	107 2/6	EX	V494	5193197	40,3x8,7x163,7	60	5				
Eng. 16V-149 1326kw(1800PS)	16V	EX	V464	8928729	45,7x9,5x184,8	60	5				
Eng. 16V-149 1475kw(2000PS)	16V	EX	V465	23502345	45,7x8,6x191,6	60	1				
GMC 567C 567F 661 60-72		EX	V434	K9319735 (KC-31035)	63,5x15,8x268	60	1				
Eng. 60 Series Natural Gas Eng. 677/775		IN	V2267	23518745	44x8,7x216,9	70	1				
		EX	V2268	23519093	39x8,7x216,4	70	11				
NEW		IN	V2269	471 050 0426	45x9,5x240	70	1				
		EX	V2384	471 050 0927	43x9,5x246,5	60	1				
DD13 Eng. OM471 12800ccm 11→	6	IN	V2269	471 050 0426	45x9,5x240	70	1				
		EX	V2270	471 050 0527	43,5x9,5x246,5	60	1				
DD15 Eng. OM472 DD16 Eng. OM473		IN	V2271	472 050 0126 473 050 0126	47,2x9,5x240	70	1				
		EX	V2272	473 050 0127	45,1x9,5x246,6	60	1				
HANOMAG											
Eng. 615.910 2197ccm 71-74 44kw(60PS)	87 4	IN	V857 V857N3		38,8x10x131,5 +1,0S	60	17	VV117 VV117.1 VV117.2		10x14,03x60 +0,05 +0,20	G A1
Eng. 615.912 2197ccm 71-74 44/49kw(60/67PS)		EX	V652 V652N3		33,2x10x131 +1,0S	60	17	VV118 VV118.1 VV118.2		10x14,03x48,5 +0,05 +0,20	G A1
Eng. 615.917 2197ccm 73-74 44kw(60PS)											
Eng. 615.936 2197ccm 72 44/49kw(60/67PS)											

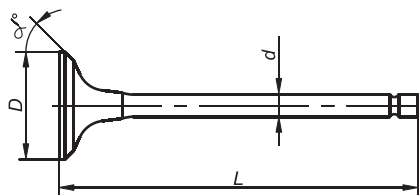
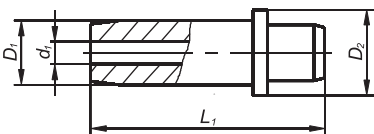
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
HANOMAG											
Eng. OM 352.917 5675ccm	71-74 93kw(126PS)	87 6	IN	V931 V505N3		44x9x140,5 +1,0S	45 5	VV52 VV52.1 VV52.2		9x15,03x78 +0,10 +0,20	G A
Eng. OM 353.916 5675ccm	71-74 81kw(110PS)		IN	V505 V505N3		44x9x140,5 +1,0S	45 5	VV36 VV36.1		9x15,03x72 +0,20	G F
Eng. OM 353.917 5675ccm	71-74 96kw(130PS)		EX	V488		36x10x140,5	45 5	VV53 VV53.1		10x15,03x73 +0,10	G A
			EX	V169 V490N3		36x10x140,5 +1,0S	45 5	VV53.2		+0,20	
			EX	V490 V490N3		36x10x140,5 +1,0S	45 5	VV37 VV37.1		10x15,03x67 +0,20	G F
Eng. OM 314.915 3780ccm	71-74 63kw(85PS)	97 4	IN	V489 V489N3		42,8x9x140,5 +1,0S	60 5	VV52 VV52.1 VV52.2		9x15,03x78 +0,10 +0,20	G A
			IN	V931 V505N3		44x9x140,5 +1,0S	45 5				
			IN	V505 V505N3		44x9x140,5 +1,0S	45 5	VV36 VV36.1		9x15,03x72 +0,20	G F
			EX	V488		36x10x140,5	45 5	VV53 VV53.1		10x15,03x73 +0,10	G A
			EX	V169 V490N3		36x10x140,5 +1,0S	45 5	VV53.2		+0,20	
			EX	V490 V490N3		36x10x140,5 +1,0S	45 5	VV37 VV37.1		10x15,03x67 +0,20	G F
Eng. OM 360.966 8725ccm	71-74 141kw(192PS)	115 6	IN	V301		54x10x150	45 5	VV107 VV21	327 053 0830 360 053 0029	10x16,03x85 10x16,03x79	G A G
Eng. OM 360.967 8725ccm	71-74 127kw(172PS)		EX	V297		43x10x150	45 5	VV108 VV22	327 053 1430 360 053 0030	10x16,03x77 10x16,03x71	F1 G A G F1

											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
HANOMAG											
Eng. 403.906 15960ccm	69-72 184kw(250PS)	125 10	IN	V298* * Retainer	403 053 0901 s.e. 7,5 mm	59x12x142,5	60 5	VV27 VV27N VV27.1 VV27.2	422 053 0430	12x18,03x67 +0,05 +0,20 +0,40	G F
				V298N3		+1,0S					
Eng. 403.917/919/930 15960ccm	72-74 236kw(320PS)		IN	V311* * Retainer	423 050 0026 s.e. 7,5 mm	59x12x142,5	60 5.1				
				V298N3		+1,0S					
			IN	V466* * Retainer	442 050 0026 s.e. 2,7 mm	59x12x142,5	60 5.1				
				V466N1 V466N3		+0,5S +1,0S					
			EX	V299* * Retainer	403 050 1027 s.e. 7,5 mm	51x12x142,5	45 5	VV27 VV27N VV27.1 VV27.2	422 053 0430	12x18,03x67 +0,05 +0,20 +0,40	G F
				V299N3		+1,0S					
			EX	V312* * Retainer	423 050 0427 s.e. 7,5 mm	51x12x142,5	45 5.1				
				V299N3		+1,0S					
			EX	V467* * Retainer	422 050 0027 s.e. 2,7 mm	51x12x142,5	45 5.1				
				V467N1 V467N3		+0,5S +1,0S					
HILLMAN											
Commer 1500 PA Van	61-65	81,535	IN	V557	1218394	36,4x8x118,4	45 1				
Commer 2500 PA Van	61-65	4									
Hillman Minx	61-65		EX	V558	1218383	29,8x8x118,4	45 1				
Hillman Super Minx	61-65										
Humber Suptre Mk. II	61-65										
Singer Gazelle	61-65										
Singer Vogue Mk. I/II	61-65										
Sunbeam Alpine	61-65										
Series II											
Sunbeam Rapier	61-65										
Series IIIa											
1592ccm	46kw(62PS)										

											
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
HILLMAN											
Hillman Hunter Paykan 1496ccm	72→ 80→ 44kw(60PS)	81,535 4	IN EX	V557 V558	1218394 1218383	36,4x8x118,4 29,8x8x118,4	45 45	1 1			
Commer 1500 PB Van Commer 2500 B Van Eng. 4P 105	68→ 68→										
Dodge Spacevan Hillman Hunter Paykan Cast Iron Cylinder Head 1725ccm	66→ 66→ 80→ 52kw(70PS)										
Avenger 1500 GLS/GT Twin. Carb. 1498ccm	70-73	86,121 4	IN	V559	71262713 2555 2400	38x7,9x109,8	45	1			
Avenger 1600 De Luxe Sunbeam 1,6SC 1598ccm	73-81 52/60kw(70/81PS)	87,385 4	IN	V561	71262714 2555 2500	+ 0,075d	45	1			
Avenger 1600 GLS/GT/TC Sunbeam 1,6TC 1598ccm	73-81 75kw(101PS)		IN	V563	71262715 2555 2600	+ 0,38d	45	1			
			EX	V560	71250985 2555 2800	31,2x7,9x109,8	45	1			
			EX	V562	71250986 2555 2900	+ 0,075d	45	1			
			EX	V564	71250987 2555 3000	+ 0,38d	45	1			
			EX	V566	71250988 2555 3100	+ 0,76d	45	1			

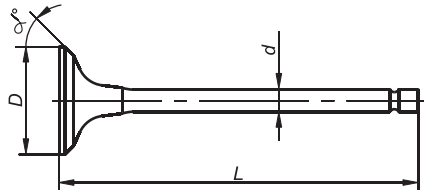
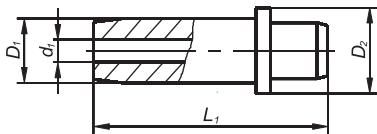
	CYL. Ø Nº	IN EX													
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE				
1	2	3	4	5	6	7	8	9	10	11	12				
HILLMAN															
Hillman Hunter	66-72	IN EX	V813 V814	1235104	38,2x7,9x118,4	45	1								
Humber Spectre	66-72			1235105 1240265	30,6x7,9x118,4	45	1								
Singer Gazelle/Vogue	66-72														
Sunbeam Alpine/Riper	66-72														
Paykan	80→														
Aluminium Cylinder Head															
Hillman Hunter GLS	69-76														
Sunbeam Riper H120	69-76														
Holbay Cylinder Head															
1725ccm															
HONDA															
Jazz 1.2 DSi	03→	73 4	IN EX	V1717 V1718	14711-PWA-000	32x5,5x118,3	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P			
Eng. L12A1 1246ccm					14721-PWA-000	28x5,5x118	45	1		VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P		
Jazz 1.4 DSi	03→														
Eng. L13A1 1339ccm															
Civic VII 1.4i 16V	08→	73 4	IN EX	V2059 V2060	14711-RB0-000	28x5,5x119	45	1							
Jazz III 1.4i 16V					14721-RB0-000	23x5,5x117,6	45	1							
Eng. L13Z1 1339ccm															
Civic 1.4 16V	97→	75 4	IN EX	V1497 V1498	14711-P07-000	27,4x5,5x120	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P			
Eng. D14 A4/E1 1396ccm					14721-P07-000	23,4x5,5x117,5	45	1		VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P		
66kw(90PS)															
Civic SR CVT 1.6 16V	01→														
Acord LS 1.6 16V	98→														
Eng. D16 B6/V1 1590ccm															
81/85kw(110/115PS)															
Civic VX V-TEC 1.5 16V	92→	75 4	IN EX	V1497 V1498	14711-P07-000	27,4x5,5x120	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P			
Civic LS 1.5 16V	92→				14721-P07-000	23,4x5,5x117,5	45	1		VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P		
Eng. D15Z3 1493ccm															
69/84kw(94/114PS)															

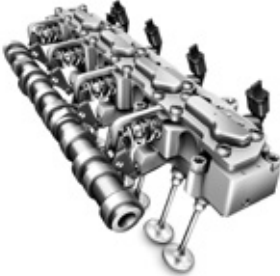
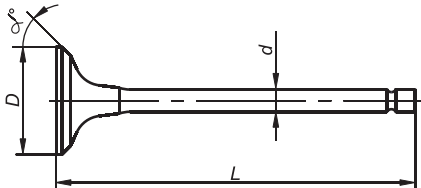
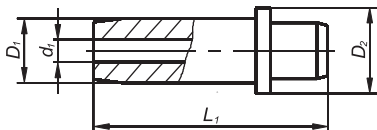
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
HONDA												
City 1.3i SES Fit Aria 1.3i Jaaz II 1.4 1339ccm	03-05 01-04 02-08 61kw(82PS)	73 4	IN EX	V1529 V1530	14711-PM3-000 14721-PM3-000	29x5,5x115 24,9x5,5x118,7	45 45	1 1	VV347 VV347N VV348 VV348N	12204-PJ7-305 12205-PJ7-305	5,5x11,06x47,5 +0,05 5,5x11,06x54 +0,05	G P G P
Jaaz 1.2 1243ccm	02- 57kw(78PS)	73,6 4	IN	V1529	14711-PM3-000	29x5,5x115	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
City 1.3i 16V Civic 1.3i 16V Jaaz 1.3i 16V Eng. D13C 1296ccm	88-94 88- 87- Eng. D13C 60/73kw(82/99PS)		EX	V1530	14721-PM3-000	24,9x5,5x118,7	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P
Civic 1.3i 16V Logo 1.3i 16V Eng. D13B 1343ccm	87- 87- Eng. D13B 55kw(75PS)	75 4	IN EX	V1529 V1530	14711-PM3-000 14721-PM3-000	29x5,5x115 24,9x5,5x118,7	45 45	1 1	VV347 VV347N VV348 VV348N	12204-PJ7-305 12205-PJ7-305	5,5x11,06x47,5 +0,05 5,5x11,06x54 +0,05	G P G P
Civic 1.4i 8V Civic 1.4i 16V Concerto 1.4i 16V Eng. D14 A1/A2/A3/A4/A5 1396ccm	87-89 88-01 89-95 Eng. D14 A1/A2/A3/A4/A5 66kw(90PS)											
Acura 1.5i 16V Ballade 1.5i 16V Capa 1.5i 16V Civic 1.5i 16V Concerto 1.5i 16V Domani 1.5i 16V Partner 1.5i 16V Eng. D15 B/B1/B2 1493ccm	96- 87-94 98- 87-91 88-95 94- 96- Eng. D15 B/B1/B2 55/66/69/72kw											
Acura 1.6i 16V Ballade 1.6 16V Civic 1.6i 16V Concerto 1.6i 16V Domani 1.6i 16V CRX 1.6i 16V Eng. D16 B2/Z2/Z5/ZC1 1590ccm	85- 84-91 86-01 88-95 92-95 87-92 Eng. D16 B2/Z2/Z5/ZC1 81/90/96kw(110/122/130PS)											

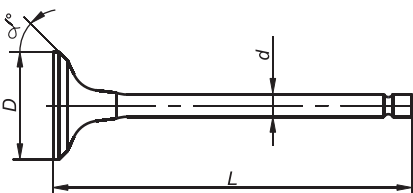
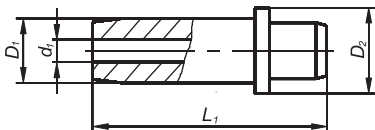
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
HONDA												
Logo 1.3i 16V Eng. D13B7 1343ccm	99→02	75 4	IN	V1503	14711-P08-000 14711-P2A-000	30x5,5x118,7	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
Civic 1.4i 16V Eng. D14 E1/Z2 1396ccm 55/66kw(75/90PS)	00→		EX	V1504	14721-P08-000 14721-P2A-000	26x5,5x116	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
Accord V-TEC 1.6i 16V Eng. D16B6	98→											
Civic V-TEC 1.6i 16V Eng. D16Y5	00→											
HRV V-TEC 1.6i 16V Eng. D16W1/W5 1590ccm 84kw(114PS)	03→											
FRV V-TEC 1.7i 16V Stream V-TEC 1.7 16V Eng. D17A2 1668ccm 93kw(126PS)	03→ 01→	75 4	IN	V1503	14711-P08-000 14711-P2A-000	30x5,5x118,7	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
			EX	V1504	14721-P08-000 14721-P2A-000	26x5,5x116	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
Civic 1.5 16V 1493ccm	88→	75 4	IN	V897	14711-PT2-000	34x6,6x103,7	45	1				
			EX	V898	14721-PT2-000	29x6,6x102,7	45	1				
Accord 2.3 16V Prelude 2.3 Si 16V Eng. H23 A2/A3 2259ccm 118kw(160PS)	93→ 92→	87 4										
Acura 1.6i 16V Civic Hatchback 1.6i 16V	88→ 88→	75 4	IN	V1015	14711-PG6-000	30x6,6x105,5	45	1				
Concerto 1.6i 16V CRX 1.6i 16V Eng. D16A DOHC 1590ccm 88kw(120PS)	89→ 88→		EX	V1016	14721-PG6-000	27x6,6x104,6	45	1				
Civic 1.6 VTi 16V CRX 1.6 VTi 16V Integra 1.6 VTi 16V Eng. B16A2 1590ccm 118kw(160PS)	91→01 92→98 89→93	81 4	IN	V1641	14711-PR3-000	33x5,5x102,3	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
			EX	V1642	14721-PR3-000	27,9x5,5x102,3	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P

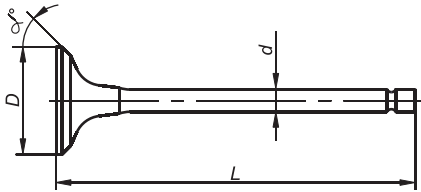
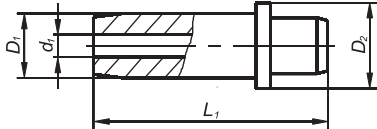
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
HONDA											
Civic 1.8i 16V V-TEC FR-V 1.8i 16V V-TEC Eng. R18A1/A2 1799ccm	06→	81	IN	V1682	14711-RNA-000	32x5,5x116,7	45 1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
	05→	4	EX								
Eng. K20A4 1997ccm	103kw(140PS)			V1504	14721-P2A-000	26x5,5x116	45 1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P
CR-V 2.0i 16V V-TEC FR-V 2.0i 16V V-TEC Eng. K20A4 1997ccm	02→										
	05→										
Accord VII 2.0i 16V Eng. 20A3 1997ccm	08→	81	IN	V2061	14711-R60-U00	33x5,5x117,9	45 1				
		4	EX	V2062	14721-P2A-U00	26x5,5x115,9	45 1				
CR-V 2.0i 16V Eng. B20B 1973ccm	95→	84	IN	V1891	14711-P75A00	31x6,6x105,6	45 1	VV499	12204-PM7-305	6,6x12,11x45	G P
		4	EX	V1892	14721-P75A00	28x6,6x106	45 1	VV500	12205-PM7-305	6,6x12,11x50	G P
Accord 1.8i 16V Eng. F18B2 1850ccm	98-02	85	IN	V1499	14711-P0A-000 14711-PDA-E00	34x5,5x116	45 1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
		4	EX								
Accord 2.0i 16V Eng. F20B6 1997ccm	98-02			V1500	14721-P0A-000 14721-PDA-E00	29x5,5x114,2	45 1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P
Accord 2.2i V-TEC 16V Eng. F22Z2 2156ccm	96-98										
Shuttle 2.3i 16V Eng. F23A7 2254ccm	97-02										
Accord VII 1.8i 16V Accord VII Hatchback 1.8i 16V Eng. F18 B2 1850ccm	98-02	85	IN	V1529	14711-PM3-000	29x5,5x115	45 1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
	99-02	4	EX								
				V1530	14721-PM3-000	24,9x5,5x118,7	45 1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P

			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
HONDA											
Accord V 2.0i S 16V 93→96 Accord VI 2.0i LS 16V 96→98 Eng. F20 Z1 1996ccm 96kw(131PS)	85 4	IN EX	V1529 V1530	14711-PM3-000 14721-PM3-000	29x5,5x115 24,9x5,5x118,7	45 45	1 1	VV347 VV347N VV348 VV348N	12204-PJ7-305 12205-PJ7-305	5,5x11,06x47,5 +0,05 5,5x11,06x54 +0,05	G P G P
S 2000 09→ Eng. F20C/F22C1	4	IN EX	V2285 V2286	14711-PCX000 14721-PCX000	35,9x5,5x109,7 31x5,5x108,7	45 45	1 1				
Accord 1.8i 16V 93→ Eng. F18 A3 1850ccm 85/100kw(116/136PS)	85 4	IN EX	V1435 V1436	14711-PT3-A00 14721-PT3-A00 14721-PT6-A00	34x5,5x112,1 29x5,5x123,5	45 45	1 1	VV347 VV347N VV348 VV348N	12204-PJ7-305 12205-PJ7-305	5,5x11,06x47,5 +0,05 5,5x11,06x54 +0,05	G P G P
Accord 2.0i 16V 93→ Accord Coupe 2.0i 16V 93→ Aerodeck 2.0i 16V 94→ Prelude 2.0i 16V 94→ Eng. F20 A3/B3 1997ccm 98/108kw(133/147PS)											
Accord 2.2i 16V 90→93 Accord Coupe 2.2i 16V 93→ Aerodeck 2.2i 16V 94→ Eng. F22A A1/B5/Z2 2156ccm 108/110kw(147/150PS)											
Accord Type R 2.2 16V 98→ Prelude V-TEC 2.2 16V 93→ Eng. H22 A2/A7 2157ccm 136/156kw(185/212PS)	85 4	IN EX	V1501 V1502	14711-P13-000 14721-P13-000	35x5,5x106,7 30x5,5x106,9	45 45	1 1	VV463 VV463N VV464 VV464N	12204-P13-305 12205-P13-305	5,5x12,11x43,5 +0,05 5,5x12,11x52 +0,05	G F G F
Accord 2.2i V-TEC 16V 93→ Shuttle 2.2i 16V 93→ Eng. F22/F22A3 2156ccm 108/110kw(1147/1150PS)	86 4	IN EX	V1499 V1500	14711-P0A-000 14711-PDA-E00 14721-P0A-000 14721-PDA-E00	34x5,5x116 29x5,5x114,2	45 45	1 1	VV347 VV347N VV348 VV348N	12204-PJ7-305 12205-PJ7-305	5,5x11,06x47,5 +0,05 5,5x11,06x54 +0,05	G P G P

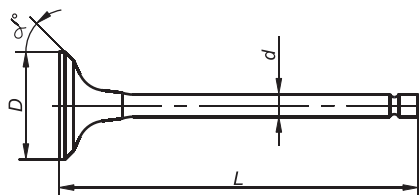
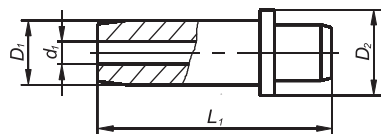
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
HONDA												
Accord 2.3i 16V Shuttle 2.3i 16V Eng. F23A7 2254ccm 118kw(160PS)	98→ 98→ 	86 4 	IN 	V1499 V1500	14711-P0A-000 14711-PDA-E00 14721-P0A-000 14721-PDA-E00	34x5,5x116 29x5,5x114,2	45 45	1 1	VV347 VV347N VV348 VV348N	12204-PJ7-305 12205-PJ7-305	5,5x11,06x47,5 +0,05 5,5x11,06x54 +0,05	G P G P
Accord 2.0 16V V-Tec Civic 2.0 16V CR-V 2.0 16V V-Tec FR-V 2.0 16V V-Tec Integra 2.0 16V Stream 2.0 16V V-Tec Eng. K20A/A1/A2/A3/A4/A9 1996ccm 110/115/118/147kw	03→ 01→ 02→ 05→ 02→ 03→ 	86 4 	IN 	V1665 V1666	14711-PNA-000 14721-PNA-000	35x5,5x109,1 29,9x5,5x108,5	45 45	1 1	VV349 VV350	12204-PNA-305 12205-PNA-305	5,5x11,11x41,5 5,5x11,11x45,5	G P G P
Accord 2.4 16V Eng. K24A 2400ccm 140kw(190PS)	03→ 											
Accord Type R 2.2 16V Prelude V-TEC 2.2 16V Eng. H22 A2/A7 2157ccm 136/156kw(185/212PS)	98→ 93→ 	87 4 	IN 	V1501 V1502	14711-P13-000 14721-P13-000	35x5,5x106,7 30x5,5x106,9	45 45	1 1	VV463 VV463N VV464 VV464N	12204-P13-305 12205-P13-305	5,5x12,11x43,5 +0,05 5,5x12,11x52 +0,05	G F G F
Odyssey Accord Pilot Acura CL/TL Acura MDX Ridgeline 2300ccm	06→ 	V6	IN 	V2283 V2284	14711-P8E-A00 14721-P8E-A00	35x5,5x116 30x5,5x114,2	45 45	1 1				
Accord 2.4 V-TEC Eng. K24Z3 3254ccm	11→ 	4	IN 	V2287 V2286	14711-R40-A00 14721-R40-A00	36x5,5x108,7 31x5,5x108,7	45 45	1 1				
Legend II 3.2i 24V Legend II Coupe 3.2i 24V Eng. C3242 3206ccm 151kw(205PS)	91-96 91-96 	90 6 	IN 	V1529 V1530	14711-PM3-000 14721-PM3-000	29x5,5x115 24,9x5,5x118,7	45 45	1 1	VV347 VV347N VV348 VV348N	12204-PJ7-305 12205-PJ7-305	5,5x11,06x47,5 +0,05 5,5x11,06x54 0,05	G P G P

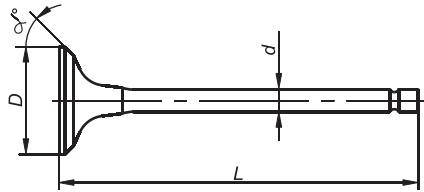
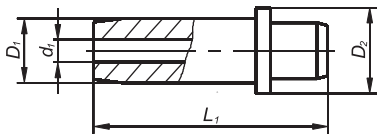
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
HONDA											
Legend III 3.5i 24V Eng. C35A2 3474ccm 151kw(205PS)	90 6	IN	V1529	14711-PM3-000	29x5,5x115	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
		EX	V1530	14721-PM3-000	24,9x5,5x118,7	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 0,05	G P
HONDA DIESEL											
Civic 1.7 CTDi 16V Eng. 4EE-2 1686ccm 74kw(101PS)	03→ 79 4	IN	V977	14711-PLZ-D00	27,4x6x98,5	45	1	VV231 VV231N		6x11,05x42 +0,05	G F
		EX	V978	14721-PLZ-D00	26,5x6x98,1	45	1	VV231 VV231N		6x11,05x42 +0,05	G F
Concerto 1.8 TD Eng. XUD7 TE 1769ccm 64/66kw(88/90PS)	94→ 80 4	IN	V721 V721N1 V721N3	0948.59	38,5x8x112,4 +0,5S +1,0S	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,20	B A
		EX	V710 V710N1 V710N3	0949.73	33x8x111,9 +0,5S +1,0S	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,20	B A
Civic 2.0 TDi Accord 2.0 TDi Eng. 20T2 R/N Turbo 1994ccm 63/77kw(86/105PS)	97→ 96→ 84,4 4	IN	V1333	14711-P5T-G01	37,2x7x86,7	45	1	VV375	12204-P5T-G00	7x12,04x28,3	G A
		EX	V1334	14721-P5T-G01	32,5x7x86,7	45	1	VV375	12204-P5T-G00	7x12,04x28,3	G A
Accord 2.2i DTEC CRV 2.2i DTEC Eng. N22B1, N22B3 2199ccm	08→ 85 4	IN	V2063	14711-RL0-G00	28x5,5x99	45	1				
		EX	V2064	14721-RL0-G50	26x5,5x99	45	1				
Accord 2.2 CDTi 16V FR-V 2.2 CDTi 16V Eng. N22A1 Civic 2.2 CDTi 16V CR-V 2.2 CDTi 16V Eng. N22A2 2204ccm 103kw(140PS)	03→ 05→ 87 4	IN	V1719	14711-RBD-E00	28x5,5x100,7	45	1	VV441	12204-RBD305	5,5x11,11x39	G P
		EX	V1720	14721-RBD-E00	26x5,5x100,4	45	1	VV442	12205-RBD305	5,5x11,11x43	G P

	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
HYUNDAI												
Atos 1.0 12V Prime 1.0 12V Eng. G4HC 999ccm 40kw(54PS)	99→ 99→	66 4	IN EX	V1509 V1510	22211-02500 22212-02500	23x5,5x100,3 27,1x5,5x100,1	45 45	1 1	VV387 VV388	22114-02500 22115-02500	5,5x10,06x47 5,5x10,06x48	G P G P6
Getz 1.1 12V Atos Prime 1.1 12V Eng. G4HD 1086ccm 43kw(58PS)												
i10 1.1 12V Eng. G4HG 1086ccm	08→	67 4	IN EX	V1751 V1752	22211-02200 22212-02200	23,5x5,5x99,6 27x5,5x99	45 45	1 1	VV388 VV388	22115-02500 22115-02500	5,5x10,06x48 5,5x10,06x48	G P6 G P6
i10 1.0 12V Eng. G3LA 998ccm	11→	71 3	IN EX	V2065 V2066	22211-04000 22212-04000	26,8x5,5x93 24,1x5,5x93,4	45 45	1 1	VV388 VV388	22115-02500 22115-02500	5,5x10,06x48 5,5x10,06x48	G P6 G P6
Excel, Pony 1.3 Eng. G13B OHC 1299ccm 50kw(67PS)	85→	71 4	IN EX	V1145 V1146	MD-016 460 22211-21010 MD-016 461 22212-21004	34x6,6x102,1 30x6,6x100,9	45 45	1 1				
Excel 1.5 S Coupe 1.5 Lantra 1.5 Pony 1.5 GLS Eng. G15/G15B OHC 1468ccm 53/62kw(71/84PS)	86→ 90-92 90-95 85→	75,5 4										
i10-1.2 16V i20-1.2 16V 1248ccm	08→	71 4	IN EX	V1893 V1894	22211-03200 22212-03200	26,7x5,5x101,15 24,2x5,5x101,4	45 45	1 1	VV388 VV388	22115-02500 22115-02500	5,5x10,06x48 5,5x10,06x48	G P6 G P6
Accent SW 1.3 12V Getz 1.3 12V Eng. G4EH/G4N 1341ccm 44/62kw(60/83PS)	94→ 03→	71,5 4	IN EX	V1041 V1042	22211-22003 22212-22011	27,5x6x99 32x6x98,4	45 45	1 1	VV409 VV410	22114-22905 22115-22905	6x11,11x42,7 6x11,11x39	G P G P

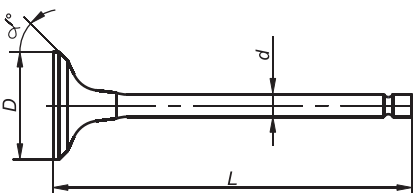
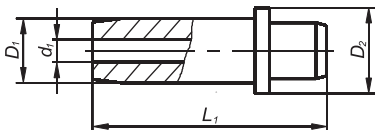
	CYL. Ø №	IN EX										
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1	2	3	4	5	6	7	8	9	10	11	12	
HYUNDAI												
Accent SW 1.5 12V Lantra SW 1.5 12V S Coupe 1.5 12V Eng. G4EK/E8 1495ccm 65kw(88PS)	94→ 96→ 92-96	71,5 4	IN EX	V1041 V1042	22211-22003 22212-22011	27,5x6x99 32x6x98,4	45 45	1 1	VV409 VV410	22114-22905 22115-22905	6x11,11x42,7 6x11,11x39	G P G P
Pony 1.5i Eng. 4615 1468ccm 62/66kw(84/90PS)	90→	75,5 4	IN EX	V1619 V1620	 33x6,6x101	31x6,6x100,9 33x6,6x101	45 45	1 1	 	 	 	
Getz 1.4 16V Accent 1.4 16V Vema 1.4 16V Eng. G4EE 1399ccm	05→	75,5 4	IN EX	V1507 V1508	22211-26600 22212-26000	29,1x6x91,9 25x6x92,4	45 45	1 1	VV385 VV386	22114-26000 22115-26000	6x11,07x36,5 6x11,07x41	G F G P6
Coupe 1.6 Lantra 1.6 Eng. G4DG 1597ccm	00→ 00→	76,5 4	IN EX	V1737 V1738	22211-23100 22212-23100	30x6x102,9 25,5x6x105,3	45 45	1 1	 	 	 	
Coupe 1.6i 16V Elantra 1.6i 16V Getz 1.6i 16V Matrix 1.6i 16V Eng. G4ED 1599ccm	01-04 00-04 03-04 01-04	76,5 4	IN EX	V1507 V1508	22211-26600 22212-26000	29,1x6x91,9 25x6x92,4	45 45	1 1	VV538 VV538	 6x11,07x40	6x11,07x40 6x11,07x40	G P G P
i20 1.4 16V i30 1.4 16V Eng. G4FA 1396ccm 80kw(109PS)	08→ 08→	77 4	IN EX	V1739 V1740	22211-2B000 22212-2B000	31,5x5,5x93,2 26x5,5x92,6	45 45	1 1	VV476 VV476	22114-2B000 22114-2B000	5,5x10,06x40,5 5,5x10,06x40,5	G P G P
i30 1.6 16V Eng. G4FC 1597ccm 90kw(122PS)	08→											
ix 35 1.6 16V i40 1.6 16V i30 1.6 16V Velster 1.6 16V Eng. G4FD 1591ccm	10→ 11→ 11→ 11→	77 4	IN EX	V1739 V1740	22211-2B000 22211-2B400 22212-2B000	31,5x5,5x93,2 26x5,5x92,6	45 45	1 1	VV476 VV476	22114-2B000 22114-2B000	5,5x10,06x40,5 5,5x10,06x40,5	G P G P

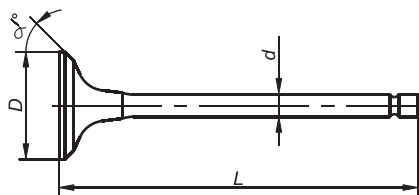
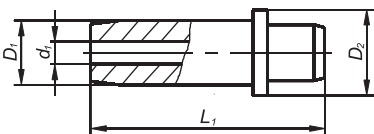
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1	2	3	4	5	6	7	8	9	10	11	12
HYUNDAI											
Matrix 1.8i 16V Coupe 1.8i 16V 1795ccm Coupe 2.0i 16V Trajet 2.0i 16V Tucson 2.0i 16V Eng. G4GF 1975ccm 99kw(137PS)	02→ 03→ 06→	82 4 EX	V1735 V1736	22211-23600 22212-23600	32x6x114,4 27,5x6x116,7	45 45	1 1	VV423 VV424	22114-23901 22115-23901	6x11,11x39 6x11,11x44,5	G P G P6
Elantra 1.8i 16V Matrix 1.8i 16V Eng. G4GB 1798ccm 90/98kw(122/133PS)	00→ 01-04	82 4 EX	V1159 V1160	22211-23000 22212-23000	32x6x102,3 27,5x6x104,7	45 45	1 1	VV423 VV424	22114-23901 22115-23901	6x11,11x39 6x11,11x44,5	G P G P6
Coupe 2.0i 16V Lantra 2.0i 16V Trajet 2.0i 16V Tucson 2.0i 16V Eng. G4GC, G4GF 1975ccm 102kw(139PS)	02→ 96→ 00→ 04→	82 4 EX	V1159 V1160	22211-23000 22212-23000	32x6x102,3 27,5x6x104,7	45 45	1 1	VV423 VV424	22114-23901 22115-23901	6x11,11x39 6x11,11x44,5	G P G P6
Lantra 1.6i 16V Eng. G4DR 1599ccm		77,4 4 EX	V927 V928	22211-33000 22212-33000	34x6,5x109,6 30,5x6,5x109,6	45 45	1 1	VV133 VV133N VV134 VV134N	22114-33010 22115-33010	6,6x12,06x50,5 +0,05 6,6x12,06x45,5 +0,05	G P G P
Elantra 2.0i 16V Sonata 2.0i 16V Sonica 2.0i 16V Trajet 2.0i 16V Santa Fe 2.0i 16V Eng. G4JP 1997ccm 81/100kw(110/136PS)	03→ 98→ 01→ 00→	85 4 EX	V927 V928	22211-33000 22212-33000	34x6,5x109,6 30,5x6,5x109,6	45 45	1 1	VV133 VV133N VV134 VV134N	22114-33010 22115-33010	6,6x12,06x50,5 +0,05 6,6x12,06x45,5 +0,05	G P G P
H1, H200, Starex 2.4 16V H100, Sateleite 2.4 16V Sonata 2.4 16V Eng. G4CS, G4JS 2351ccm 84/90/110kw(114/136/150PS)	97-98 94→ 98-99	86,5 4									

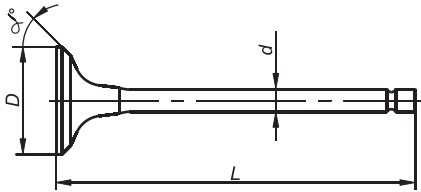
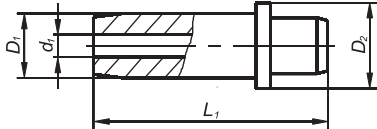
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
HYUNDAI												
Coupe 2.7 V6 24V Santa Fe 2.7 V6 24V Sonata 2.7 V6 24V Sonica 2.7 V6 24V Trajet 2.7 V6 24V Tucson 2.7 V6 24V Eng. G6BA 2656ccm 123/125/127/129kw	02→ 04→ 00→ 01→ 00→ 04→	86 V6	IN EX	V1657 V1658	22211-37201 22212-37200	32x6x96,2 27,5x6x97,3	45 45	1 1	VV445 VV446	22114-23000 22115-37100	6x11,06x39 6x11,11x43	G P G P6
Sonata 2.0 16 VVTi ix 35 2.0 16V Eng. G4KD 1998ccm	08→ 10→	86 4	IN EX	V2067 V2068	22211-2G000 22212-25002	35x5,5x113,3 29x5,5x106	45 45	1 1				
Tucson 2.7 V6 24V Eng. G6BA 2656ccm	04→	86,7 V6	IN EX	V1735 V1736	22211-23600 22212-23600	32x6x114,4 27,5x6x116,7	45 45	1 1	VV423 VV424	22114-23901 22115-23901	6x11,11x39 6x11,11x44,5	G P G P6
HYUNDAI DIESEL												
i10 1.1CRDI 12V Eng. D3FA 1120ccm 55kw(75PS)	08→	75 4	IN EX	V1741 V1742	22211-2A100 22212-2A100	26,1x5,5x93,1 21x5,5x93,7	45 45	3 3	VV573 VV574		5,5x11,03x31,5 5,5x11,03x31,5	G F G F6
i20 1.4CRDI 16V ix 20 1.4CRDI 16V ix 30 1.4CRDI 16V Eng. D4FC 1396ccm	08→ 10→ 11→											
Accent 1.5CRDI 16V Getz 1.5CRDI 16V Vema 1.5CRDI 16V Matrix 1.5CRDI 16V Eng. D4FA 1493ccm 81kw(110PS)	05→ 05→ 05→ 04→	75 4	IN EX	V1741 V1742	22211-2A100 22212-2A100	26,1x5,5x93,1 21x5,5x93,7	45 45	3 3	VV573 VV574		5,5x11,03x31,5 5,5x11,03x31,5	G F G F6

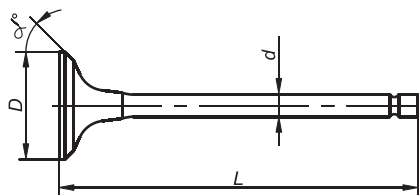
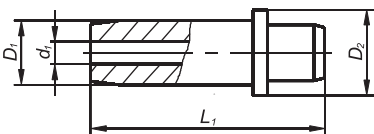
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
HYUNDAI DIESEL											
i20 1.6CRDi 16V i30 1.6CRDi 16V Cerato 1.6CRDi 16V Eng. D4FB/L 1582/1597ccm 66/85kw(90/115PS)	08→ 08→ 08→	77,2 4	IN EX	V1741 V1742	22211-2A100 22212-2A100	26,1x5,5x93,1 21x5,5x93,7	45 45	3 3	VV573 VV574	 5,5x11,03x31,5	G F G F6
ix 35 1.7 CRDi 16V i 40 1.7 CRDi 16V Eng. D4FD 1685ccm	10→ 11→	77,2 4	IN EX	V1741 V1742	22211-2A100 22212-2A100	26,1x5,5x93,1 21x5,5x93,7	45 45	3 3	VV573 VV574	5,5x11,03x31,5 5,5x11,03x31,5	G F G F6
Matrix 1.5 CRDi 12V Accent 1.5 CRDi 12V Getz 1.5 CRDi 12V Eng. D3EA VM R 1493ccm 60kw(82PS)	01→ 02→ 03→	83 3	IN EX	V1395 V1396	22211-27000 22212-27000	28,5x6x95,7 24,4x6x95,4	45 45	1 1	VV389N VV389N	22114-27000 22114-27000	G P G P
Elantra 2.0 CRDi 16V i30 2.0 CRDi 16V Santa Fe 2.0 CRDi 16V Sonata 2.0 CRDi 16V Trajet 2.0 CRDi 16V Tucson 2.0 CRDi 16V Eng. D4EA - VM 1991ccm 83/103kw(113/140PS)	01→ 07→ 01→ 06→ 01→ 04→	83 4	IN <								

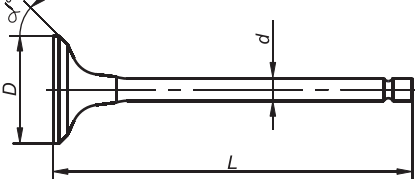
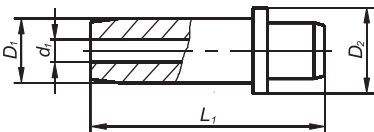
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
HYUNDAI DIESEL											
Santa Fe II 2.2 CRDi 16V Santa Fe III 2.2 CRDi 16V Eng. D4HB 2199ccm	09→ 12→	85,4 4	IN EX	V2069 V2070	22211-2F000 22212-2F000 22212-2F010	29x6x108,5 26x6x108,3	45 45	3 3			
H200 2.5 CRDi 16V H1 2.5 CRDi 16V Eng. D4CB 2497ccm	03→ 08→	91 4	IN EX	V1845 V1846	22211-4A061 22212-4A061	31,7x7x110,5 28x7x110,5	45 45	3 3	VV479 VV480	22214-4A000 22215-4A000	7x12,07x43,3 7x12,07x39,4 G P3 G P3
Porter 2.5 D Eng. D4BA, D4BX 2476ccm 55kw(75PS)	93→ 	91,1 4	IN EX	V943 V944	22211-42850 22212-42850	40x8x136,5 34x8x136,5	45 45	1 1	VV277 VV278	22114-42520 22115-42520	8x13,12x71 8x13,12x74 G P G P6
H-1 Van 2.5 D H-100 Bus 2.5 D Starex 2.5 D Eng. D4BB H-100 Bus 2.5 D Eng. D4BA, D4BX 2476ccm 55kw(75PS)	97→ 93-00 97→ 93→	91,1 4	IN EX	V1213 V1214	22211-42200 22212-42200	42x8x136,1 36x8x136,1	45 45	1 1	VV407 VV407.1 VV408 VV408.1	22114-42000 22114-42900 22115-42000 22115-42900	8x13,08x71 +0,03 8x13,08x74 +0,03 G P G P6
Galoper 2400 Turbo Eng. 4D55T 2343ccm 49kw(67PS)	94→ 	91,1 4	IN EX	V943 V944	MD 083 661 MD 083 662	40x8x136,5 34x8x136,5	45 45	1 1	VV277 VV278	22114-42520 22115-42520	8x13,12x71 8x13,12x74 G P G P6
Galoper 2500 Turbo Eng. 4D56T 2476ccm 63kw(85PS)											

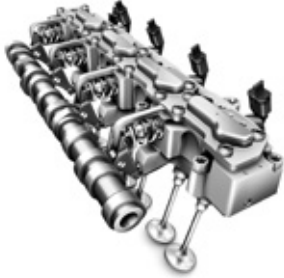
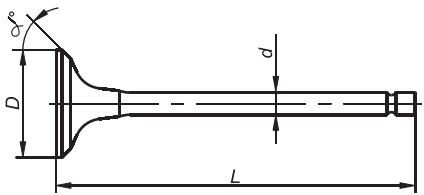
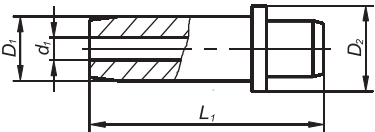
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
HYUNDAI DIESEL												
Galoper 2.5 TD H-1 2.5 TD Starex 2.5 TD Eng. D4BB, D4BF Galoper 2.5 TD H-1 2.5 TD Terracan 2.5 TD Eng. D4BH H100 2.5 TD Eng. D4BA, D4BF, D4BX 2476ccm 55/65/73/77kw Terracan 2.9 SRDi 2902ccm	91→ 91→ 97→ 98→ 98→ 01→ 91→ 01→	91,1 4 97,1 4	IN EX	V1405 V1406	22211-42520 22212-42520	40x8x130,1 34x8x129,9	45 45	1 1	VV407 VV407.1 VV408 VV408.1	22114-42000 22114-42900 22115-42000 22115-42900	8x13,08x71 +0,03 8x13,08x74 +0,03	G P G P6
Terracan 2.9CRDi 16V Eng. J3 2902ccm 110kw(150PS)	01→	97,1 4	IN EX	V1659 V1660	OK0551-12111A OK0551-12121A	34x7x126,2 31,5x7x126,1	45 45	1 1	VV468 VV468	OK551-10-281 OK551-10-281	7x12,06x52,5 7x12,06x52,5	G F6 G F6
IKARUS												
Eng. D10 UT 150 Turbo Euro 2 10351ccm 133/235kw(181/320PS)	121 6	IN EX	V1299 V1299N3 V1300 V1300N3	10 04101 0004 10 04101 0005	50x11x166 +1,0S 48,5x11x166 +1,0S	60 45	1 1	VV140 VV140	 11x18,04x71	 11x18,04x71	G F G F	
Ikarus 260, 280 Eng. D 2146 M 9659ccm 127/156kw(172/212PS) Eng. D 2156 M 10344ccm 141/169kw(192/230PS)	121 6	IN EX	V303 V304	1-04101-0305 1-04101-0273	55,9x12x148,9 48,9x12x148,5	45 45	1 1	VV19 VV20	1 03201 3019 1 03201 3020	12x20,06x78 12x20,06x69	G F G F	
Eng. D10 UTS 155E1 Eng. D10 UTS 180E1 Euro 1 10351ccm 133/235kw(181/320PS)	121 6	IN EX	V420 V421	10 04101 0008 3 04101 0803 10 04101 0001 10 04101 0009 3 04101 0804 10 04101 0002	50x11x166,5 48,5x11x166,5	60 45	1 1	VV140 VV140	 11x18,04x71	 11x18,04x71	G F G F	

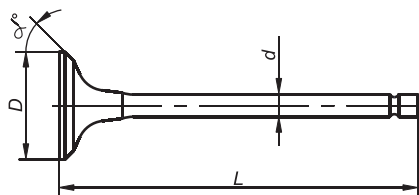
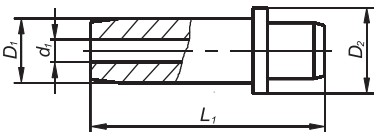
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
IKARUS											
Eng. D 2356 HMN5 10690ccm 173kw(235PS)	123 6	IN	V405	1-04101-0302	58x12x148,9	45	1	VV19	1 03201 3019	12x20,06x78	G F
		EX	V406	1-04101-0303	51,9x12x148,5	45	1	VV20	1 03201 3020	12x20,06x69	G F
IMR											
ENG.M 33 31kw(42PS)	91,4 3	IN	V07 V07N V07N1	702 730	39x8x114,4 +0,3S +0,5S	45	1	VV03 VV03N4 VV03.1	700 257	8x12,73x62 +0,02 +0,05	G A6
		EX	V07N2 V07N3 V07N4 V07N5 V08 V08N V08N1 V08N2 V08N3 V08N4 V08N5	702 731	+1,2D +0,8S +1,0S +2,0S 33,4x8x114,4 +0,3S +0,5S +1,2D +0,8S +1,0S +2,0S	45	1	VV03N VV03N7 VV03N1 VV03N6 VV03 VV03N4 VV03.1 VV03N VV03N7 VV03N1 VV03N6	700 257	+0,1 +0,15 +0,20 -0, 03d1 8x12,73x62 +0,02 +0,05 +0,1 +0,15 +0,20 -0, 03d1	G A6
ENG. DM 32 22kw(30PS)	91,4 2	IN	V263 V263N V263N1	717 506	39x8x114,3 +0,3S +0,5S	55	1	VV03N6 VV03N9		8x12,73x62 +0,05	G A6
		EX	V263N2 V263N3		+0,8S +1,0S						
ENG. DM 33 35kw(48PS)	91,4 3	IN	V264 V264N V264N1	717 505	33,4x8x114,3 +0,3S +0,5S	55	1	VV03N6 VV03N9		8x12,73x62 +0,05	G A6
		EX	V264N2 V264N3		+0,8S +1,0S						
ENG. DM 34 47kw(64PS)	91,4 4	IN	V264 V264N V264N1	717 505	33,4x8x114,3 +0,3S +0,5S	55	1	VV03N6 VV03N9		8x12,73x62 +0,05	G A6
		EX	V264N2 V264N3		+0,8S +1,0S						

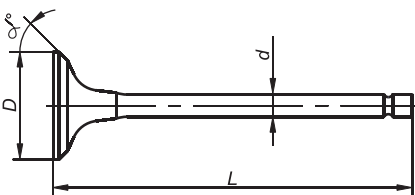
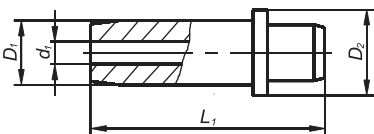
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IMR											
ENG. S 44 48/59kw(65/80PS)	98,4 4	IN	V199 V199N V199N1	701 440	44,3x9,5x122,9 +0,3S +0,5S	45	1	VV01 VV01N VV01N2	701 436	9,5x15,9x58 +0,05 +0,40	G F
ENG. S 44A 60kw(82PS)	101 4		V199N2 V199N3 V199N5		+0,8S +1,2S +0,5S/+0,2d						
ENG. S 46 77kw(105PS)	98,4 6		V199N6 V199N7 V199N9		+0,5d +0,2d +1,2S/+0,5d						
		EX	V200 V200N V200N1 V200N2 V200N3 V200N5 V200N6 V200N7 V200N9	717 664	36,6x9,5x123,3 +0,3S +0,5S +0,8S +1,2S +0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d	45	1	VV02 VV02N VV02N2	701 437	9,5x15,9x61 +0,05 +0,40	G F6
ENG. TS 44 66kw(90PS)	98,4 4	IN	V576 V199N V199N1	732 917	44,3x9,5x122,9 +0,3S +0,5S	45	1	VV01 VV01N VV01N2	701 436	9,5x15,9x58 +0,05 +0,40	G F
ENG. TS 46 109kw(148PS)	98,4 6		V199N2 V199N3 V199N5 V199N6 V199N7 V199N9		+0,8S +1,2S +0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d						
		EX	V577 V200N V200N1 V200N2 V200N3 V200N5 V200N6 V200N7 V200N9	732 916	36,6x9,5x123,3 +0,3S +0,5S +0,8S +1,2S +0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d	45	1	VV02 VV02N VV02N2	701 437	9,5x15,9x61 +0,05 +0,40	G F6

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IMR											
ENG. S 54V 55kw(75PS)	92 4	IN	V261	719 407	43x8x114,9	45	1				
		EX	V262	719 408	36x8x114,8	45	1				
ENG. TS 54V 70kw(95PS)											
INFINITI											
FX35		IN	V2429		37,2x6x96,5	45	1				
NEW		EX	V2430		31,5x6x94	45	1				
INNOCENTI											
Minitre Eng. CB (Daihatsu) 993ccm 38kw(52PS)	82→ 76 3	IN	V1141	13711-87701 13711-87702	36x7x101,6	45	1	VV327 VV327.1	11124 - 87701	7x12,09x50 +0,05	G A1
		EX	V1142	13715-87701 13715-87702	33x7x101,6	45	1	VV327 VV327.1	11124 - 87701	7x12,09x50 +0,05	G A1
Koral 45 Eng. 146A.000 903ccm 38kw(52PS)	90→ 65 4	IN	V257	4 265 695	29x7x95,3	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
		EX	V258	4 266 321	26x7x95,7	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
Koral 55.1 Eng. 146A4.000 1116ccm 41kw(55PS)	90→ 80 4	IN	V152	4 239 917	36x8x108,5	45	1	VV273 VV273.1 VV273.2	4 250 801 4 371 508 4 250 802	8x14,06x42 +0,03 +0,18	G F
		EX	V153	4 315 062	31x8x109	45	1	VV273 VV273.1 VV273.2	4 250 801 4 371 508 4 250 802	8x14,06x42 +0,03 +0,18	G F

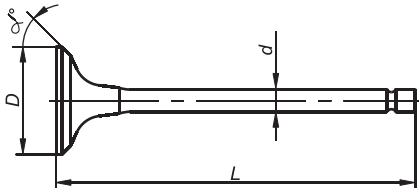
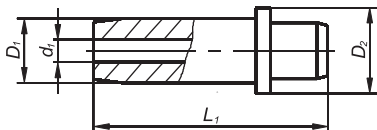
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
INNOCENTI												
Mille 1.4ie Eng. 160A1.046 1372ccm 52/56kw(70/76PS)	93-01	80,5	IN	V411	7 609 772	37,5x8x108,5	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Elba 1.6ie Eng. 146C6.000 1581ccm 58kw(79PS)	91-96	86,4 4	EX	V153	4 315 062 5 973 128 4 239 918	31x8x109	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
INNOCENTI DIESEL												
Mini diesel Eng. CL 993ccm 27kw(37PS)	76 3	IN	V1347	13711-87704 550610306	36x7x105	45	1					
		EX	V1348	13715-87703 550610307	32x7x105	45	1					
Mini diesel Eng. CL-T 993ccm	76 4	IN	V1305	13711-87706 550610306	34x7x105	45	1					
		EX	V1306	13715-87705 550611307	30x7x105	45	1					
Mille 1.7D Eng. 146B2.000 1697ccm	82,5 4	IN	V733	5 990 532	37,5x8x116,8	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F 	
		EX	V734	5 990 533	33,5x8x117	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F 	
INTERNATIONAL HARVESTER – CASE (CNH)												
Tractor D214-S-D215 Eng. DD66 1088ccm NEW	56→ 10kw(14PS)	82,5 2	IN	V2399	713384R2	36x8,7x147,6	45	9				
		EX	V2400	713385R2	32x8,7x147,5	45	9					

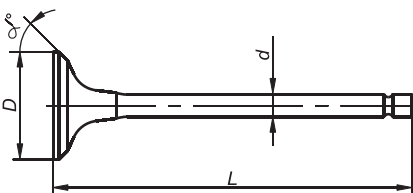
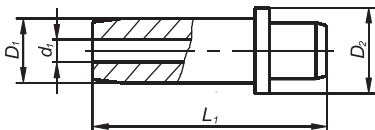
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
INTERNATIONAL HARVESTER – CASE (CNH)											
Tractor D320–D322 Eng. DD99 1631ccm	82,5 3	IN	V2399	713384R2	36x8,7x147,6	45	9				
		EX	V2400	713385R2	32x8,7x147,5	45	9				
Tractor D430–D432 Eng. DD132 2175ccm	82,5 4										
Tractor D217–D219 56→ Eng. DD74 1217ccm 12/14kw(17/19PS)	87,3 2										
Tractor D323–D324–D326 56→ Eng. DD111 1825ccm 17/19kw(24/26PS)	87,3 3										
NEW											
Tractor D523–633 65→ Eng. D179 2933ccm 36–38kw(49–52PS)	98,425 3	IN	V1977	3055055R2	43x10x146	45	1	VV541	3055022R1	10x16,07x79	G E
		EX	V1978	3055056R2 3059459R2	41x10x146	45	1	VV541	3055022R1	10x16,07x79	G E
Tractor SU 644 HD 65→ Eng. D239 3910ccm 45–67kw(62–91PS)	4										
Tractor 856 XL 72→ Eng. TD239 Turbo 3910ccm 60–62kw(82–85PS)	6										
Tractor 520A–946A 65→ Eng. D358 5860ccm 70–100kw(105–136PS)	6										
Tractor 125E–520B Eng. TD358 Turbo 5860ccm 104kw(141PS)	6										

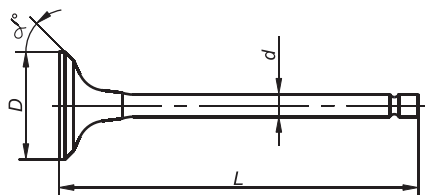
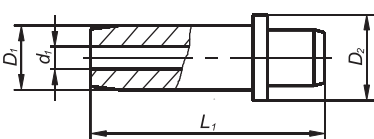
													
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE		
1	2	3	4	5	6	7	8	9	10	11	12		
INTERNATIONAL HARVESTER – CASE (CNH)													
ENG. 6.354 5794ccm	69→ 69/82kw(94/112PS)	98,48 6	IN	V199	795 730 R1	44,3x9,5x122,9	45	1	VV01	796 122 R1	9,5x15,9x58	G	
				V199N		+0,3S				VV01N		+0,05	F
				V199N1		+0,5S				VV01N2		+0,40	
ENG. 6.354.2 5794ccm	70→72 85kw(115PS)	4	IN	V199N2		+0,8S							
				V199N3		+1,2S							
				V199N5		+0,5S/+0,2d							
ENG. 4212 3475ccm	75→ 44/47kw(60/64PS)	4	IN	V199N6		+0,5d							
				V199N7		+0,2d							
				V199N9		+1,2S/+0,5d							
			IN	V343		44,3x9,5x122,9	45	1	VV01		9,5x15,9x58	G	
				V343.1		+0,075d				VV01N		+0,05	F
				V343.2		+0,4d				VV01N2		+0,40	
				V343N		+0,3S							
				V343N1		+0,5S							
				V343N2		+0,8S							
				V343N3		+1,2S							
				V343N5		+0,5S/+0,2d							
				V343N6		+0,5d							
				V343N7		+0,2d							
			EX	V343N9		+1,2S/+0,5d							
				V200	795 729 R1	36,6x9,5x123,3	45	1	VV02		9,5x15,9x61	G	
				V200N		+0,3S				VV02N		+0,05	F6
				V200N1		+0,5S				VV02N2		+0,40	
				V200N2		+0,8S							
				V200N3		+1,2S							
				V200N5		+0,5S/+0,2d							
				V200N6		+0,5d							
				V200N7		+0,2d							
				V200N9		+1,2S/+0,5d							
			EX	V344		36,6x9,5x123,3	45	1	VV02		9,5x15,9x61	G	
				V344.1		+0,075d				VV02N		+0,05	F6
				V344.2		+0,4d				VV02N2		+0,40	
				V344N		+0,3S							
				V344N1		+0,5S							
				V344N2		+0,8S							
				V344N3		+1,2S							
				V344N5		+0,5S/+0,2d							
				V344N6		+0,5d							
				V344N7		+0,2d							
V344N9		+1,2S/+0,5d											

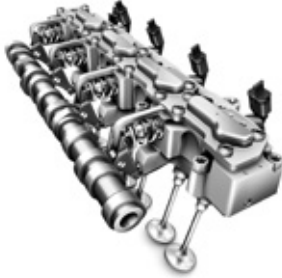
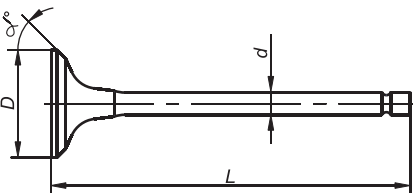
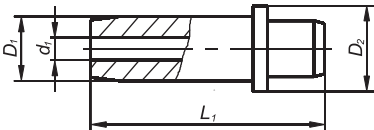
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
INTERNATIONAL HARVESTER – CASE (CNH)											
ENG. 4.236 3864ccm 72→ 48/60kw(59/80PS)	98,48 4	IN	V199	795 730 R1	44,3x9,5x122,9	45	1	VV01	796 122 R1	9,5x15,9x58	G
			V199N		+0,3S			VV01N		+0,05	F
			V199N1		+0,5S			VV01N2		+0,40	
			V199N2		+0,8S						
			V199N3		+1,2S						
			V199N5		+0,5S/+0,2d						
			V199N6		+0,5d						
			V199N7		+0,2d						
			V199N9		+1,2S/+0,5d						
		IN	V343		44,3x9,5x122,9	45	1	VV01		9,5x15,9x58	G
			V343.1		+0,075d			VV01N		+0,05	F
			V343.2		+0,4d			VV01N2		+0,40	
			V343N		+0,3S						
			V343N1		+0,5S						
			V343N2		+0,8S						
			V343N3		+1,2S						
			V343N5		+0,5S/+0,2d						
			V343N6		+0,5d						
			V343N7		+0,2d						
			V343N9		+1,2S/+0,5d						
		IN	V1941		44,2x9,5x122,8	60	1	VV01		9,5x15,9x58	G
								VV01N		+0,05	F
								VV01N2		+0,40	
		EX	V200	795 729 R1	36,6x9,5x123,3	45	1	VV02		9,5x15,9x61	G
			V200N		+0,3S			VV02N		+0,05	F6
			V200N1		+0,5S			VV02N2		+0,40	
			V200N2		+0,8S						
			V200N3		+1,2S						
			V200N5		+0,5S/+0,2d						
			V200N6		+0,5d						
			V200N7		+0,2d						
			V200N9		+1,2S/+0,5d						
		EX	V344		36,6x9,5x123,3	45	1	VV02		9,5x15,9x61	G
			V344.1		+0,075d			VV02N		+0,05	F6
			V344.2		+0,4d			VV02N2		+0,40	
			V344N		+0,3S						
			V344N1		+0,5S						
			V344N2		+0,8S						
			V344N3		+1,2S						
			V344N5		+0,5S/+0,2d						
			V344N6		+0,5d						
			V344N7		+0,2d						
			V344N9		+1,2S/+0,5d						

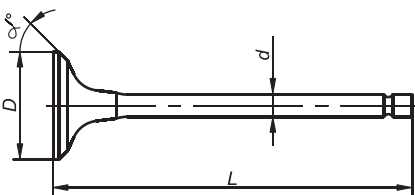
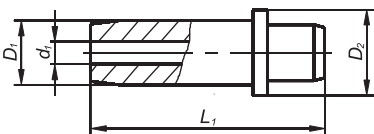
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
INTERNATIONAL HARVESTER – CASE (CNH)											
Series 3944	73–86	100	IN	V649		43x8x133	45 3	VV04		8x15,04x57,5	G
Series 3945	73–86	4	IN	V384		43x8x133	45 1	VV04.1		+0,05	A12
Eng. F 4L 912 D				V384N		+0,3S		VV04.2		+0,10	
3770ccm	15/59kw(20/80PS)			V384N1		+0,5S		VV04.3		+0,25	
				V384N2		+0,8S		VV04.4		+0,50	
Series 3960	73–86	6	IN	V569		43x8x133	45 3				
Series 3961	73–86		IN	V1048		45x8x133	45 3				
Eng. F 6L 912 D											
5655ccm	42/92kw(57/125PS)		EX	V570		37x8x133	45 3	VV04		8x15,04x57,5	G
			EX	V385		37x8x133	45 1	VV04.1		+0,05	A12
				V385N		+0,3S		VV04.2		+0,10	
				V385N1		+0,5S		VV04.3		+0,25	
				V385N2		+0,8S		VV04.4		+0,50	
ENG. D 414/DT 414–Turbo	72→	109,2	IN	V529	675 406 C2	50,1x9,5x147	60 8				
ENG. D 436/DT 414–Turbo	72→	6									
ENG. D 466/DT/DT I 466–Turbo	72→		EX	V530	676 865 C2	40,6x9,5x147	45 8				
Navistar	93→		IN	V2289	1823875C2	45,4x9,4x152,2	60 1				
Eng. DT 408		6									
Eng. DT 466/466E			EX	V2290	1824840C1	45,4x9,4x152,3	45 1				
Eng. DT 530/530E											
Eng. DT 466 / DT 530			IN	V2291	1818580C1	50x8x147,1	60 8				
			EX	V2292	1824838C1	45,4x8x152,3	45 1				
Navistar 6.4 I			IN	V2293	8C3Z6507A	34x7x130,4	53 1				
6400ccm		8	EX	V2294	8C3Z6505A	29,5x7x130,5	50 1				
Navistar			IN	V2295	1839968C1	39,8x7,9x147,9	60 1				
Eng. 466			EX	V2296	1842145C2	36,5x7,9x147,6	45 1				
ENG. OM 942.967	96→	130	IN	V1043		45,5x9x145	60 5	VV227		9x15,03x61	G
Euro 2/3		8		V1043N3		+1,0S		VV227N		+0,05	F
15928ccm	370/380kw(503/516PS)		IN	V2409		45,5x9x144,9	60 5	VV227.1		+0,20	
			EX	V1068		17x8x87	45 1				
				V1068N		+0,2d					
			EX	V1044		41x9x145	45 5	VV227		9x15,03x61	G
				V1044N3		+1,0S		VV227N		+0,05	F
			EX	V1942		42,1x9x145	55 5	VV227.1		+0,20	
				V1942N3		+1,0S		VV227		9x15,03x61	G
								VV227N		+0,05	F
								VV227.1		+0,20	

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
INTERNATIONAL HARVESTER – CASE (CNH)											
ENG. DTI-817C	136,5 6	IN	V328	682 952 C1	43,3x11x187	60	5				
		EX	V329	685 278 C1	43,3x11x187	45	5				
ISUZU											
Amigo 2.2i 16V Rodeo 2.2i 16V Eng. Y22E 2198ccm 96kw(131PS)	89→ 88→ 4	IN	V511	641 022	32x6x102,1	45	3	VV163 VV163.1	4500633	6x10,04x45 +0,03	G F
		EX	V512	641 325	29x6x92,2	45	3	VV163 VV163.1	4500633	6x10,04x45 +0,03	G F
Isuzu 3.2 24V Eng. 6VD1 MPi 3165ccm 130/151kw(177/205PS)	94→ V6	IN	V1373		34x6x99	45	1				
		EX	V1374		30x6x100,5	45	1				
NNR F – Evolution NNR N – Evolution Eng. 4HK1	4	IN	V2297	8943958822	37x8x130,6	60	1	VV611	8-97376-719-2	8x14,03x57	G F
		EX	V2298	8972098763	37x8x130,2	45	1	VV611	8-97376-719-2	8x14,03x57	G F
NNR F – Evolution Eng. 4JJ1 NMR F – Evolution NLS F – Evolution NLR F – Evolution N – Evolution D – Max Eng. 4JK1/4JJ1	4	IN	V2299	8973096751 8980169730	33x7x107,5	45	1				
		EX	V2300	8973096771 8980169741	30x7x107,5	45	1				
ISUZU DIESEL											
Schevrolet Spark 1.5 D Gemini JT600 1.5 D/TD Eng. 4EC1, 4EC1T 1488ccm 38kw(52PS)	84→ 85-90 4	IN	V671	8-94326-843-0	34,6x7x104,1	45	1	VV196 VV196.1 VV196N VV196N1	642 005	7x11,55x43 +0,05 +0,10 +0,15	G P1
		EX	V672	8-94110-017-3 (8-94115-059-2)	30,6x7x104	45	1	VV196 VV196.1 VV196N VV196N1	642 005	7x11,55x43 +0,05 +0,10 +0,15	G P1

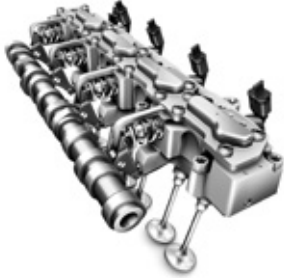
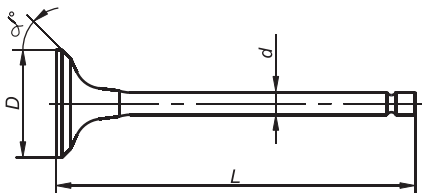
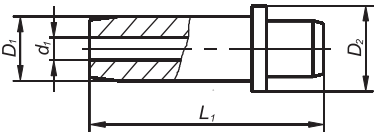
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ISUZU DIESEL											
Gemini 1.7 D Eng. 4EC1, 4EE1 1686ccm 44kw(60PS)	90→93 4	79 4	IN 								

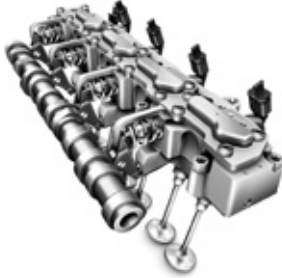
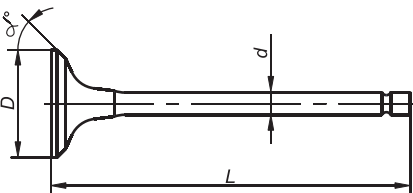
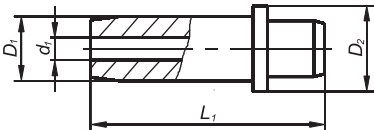
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ISUZU DIESEL												
		IN	V2367	1125510304 1125510490	48x10x159	45	1					
		EX	V2368	1125520630 1155521082	46,1x10x131,9	45	1					
IVECO												
Daily 2.3 Unijet 16V Eng. F1AE481B 2287ccm 81kw(116PS)	05→	88	IN	V1237	504069199	30x6x120,4	45	3	VV335 VV335.1 VV335.2	504053804	6x10,04x49 +0,03 +0,23	G A
			EX	V1238	500362856	30x6x120,4	45	3	VV335 VV335.1 VV335.2	504053804	6x10,04x49 +0,03 +0,23	G A
Combi-Daily-Grinta 2.5D Eng. 8140.61 Daily-Ducato-Grinta Eng. 8144.61 2445ccm	79→	93 4	IN	V1885	4 733 348	41x8x121,9	60	1	VV57 VV57.1 VV57.2	4 749 395 4 749 397 4 749 398	8x13,03x56 +0,03 +0,08	G F
			EX	V966	4 733 349	32,9x8x122	45	1	VV58 VV58.1 VV58.2	4 726 483 4 733 258 4 733 259	8x13,03x60 +0,03 +0,08	G A
ENG. 8140.21 Turbo ENG. 8140.61/47 Daily 2.5D 2445ccm 68kw(92PS)	86→ 86→	93 4	IN	V326 V326N3	7 301 820 4 757 358 +1,0S	41x8x120,7	60	1	VV58 VV58.1 VV58.2 VV58.3 VV58.4	4 726 483 4 733 258 4 733 259 4 733 260	8x13,03x60 +0,03 +0,08 +0,18 +0,23	G A
ENG. 8140.27/67 Daily, Ducato 2.5D 2499ccm 62/76kw(84/103PS)	90→		EX	V327 V327N3	7 301 821 7 302 157 +1,0S	34,4x8x122	45	1	VV58 VV58.1 VV58.2 VV58.3 VV58.4	4 726 483 4 733 258 4 733 259 4 733 260	8x13,03x60 +0,03 +0,08 +0,18 +0,23	G A

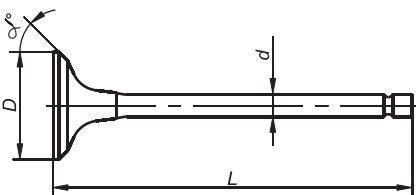
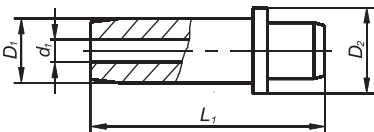
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IVECO											
ENG. 8140.27-Turbo New Daily 2.5TD T.E. 2445ccm 68kw(92PS)	90→	93 4	IN	V470 V470N1 V470N3	4 813 760	41x8x122 +0,5S +1,0S	60 1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
			EX	V471 V471N1 V471N3	7 303 309	34,5x8x122 +0,5S +1,0S	45 1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
ENG. 8140.47-Turbo New Daily 2.5 TD 2499ccm 80kw(109PS) Ducato Maxi 2.5 TD 2499ccm ENG. 8140.63 Euro3 New Daily 2.8 TD →No 2513438 2798ccm 62kw(85PS)	90→	93 4	IN	V679 V679N3	98468338	43,5x8x122 +1,0S	60 1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
			EX	V680 V680N3	98418161	36,5x8x122 +1,0S	45 1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
ENG. 8140.23-Turbo New Daily 2.8 D/TD Euro 2 2798ccm 76kw(103PS) ENG 8140.43/43S Turbo Ducato 2.8 TDi 96→ Ducato 2.8 JTD 00→ 2798ccm 78/92kw(106/125PS)	96→	94,4 4	IN	V326 V326N3	7 301 820 4 757 358	41x8x120,7 +1,0S	60 1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
			EX	V681 V681N3	99432837	35,9x8x122 +1,0S	45 1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
ENG 8140.63 Euro 3 New Daily 2.8 TD No. 2513438→ 2798ccm 62kw(85PS)			EX	V2402	500327442	36,7x8x122	60 1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F

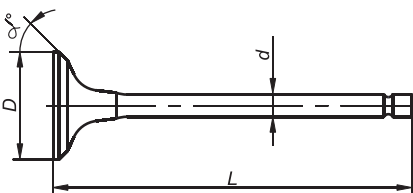
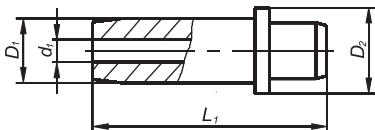
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IVECO											
ENG. 803 A/8030.01 616 N2 2340ccm 33kw(45PS)	66-71 3	95 3	IN	V321 V321N V321N1 V321N2 V321N4	4 659 379 1 902 205 +0,3S +0,5S +1,0S +1,5S	43,9x8x125,8 +0,3S +0,5S +1,0S +1,5S	45 <				

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IVECO											
ENG. 8040.02 40/35 NC, 50 A1/NC, 55NC, 65PC 616/625 N3, Orsetto, OM 40/35, OM 616 3456ccm 60kw(82PS)	70-72	100 4	IN	V321	4 659 379 1 902 205	43,9x8x125,8	45 1	VV59	4 802 126	8x14,02x56	G
				V321N				VV59.1		+0,03	A
				V321N1				VV59.2	4 802 127	+0,18	
				V321N2							
ENG. 8060.02 645/650/655/662 N3, 80/90 NC, 90 PC 4x4, 110, 110PT 5184ccm 90kw(122PS)	70-72	100 6	EX	V322	4 673 608 4 658 055	36,9x8x125,6	45 1	VV59	4 802 126	8x14,02x56	G
				V322N				VV59.1		+0,03	A
				V322N1				VV59.2	4 802 127	+0,18	
				V322N2							
ENG. 8035.04 Tractor 505/566/570/580/588 2748ccm 40/43kw(55/58PS)	78→	103 3		V322N4		+1,5S		VV379	4 601 299	8x14,03x48,7	G
								VV379.1		+0,05	A1
								VV379.2		+0,10	
								VV379.3	4 601 300	+0,15	
ENG. 8040.04 Series 50/55/60/65 3666ccm 63kw(85PS)	78→	103 4									
ENG. 8060.04.060 Series 79/80/90/95/100/109 Series 110/115/120/135/315 Series 316 5499ccm 96kw(130PS)	80→	103 6	IN	V321	4 659 379 1 902 205	43,9x8x125,8	45 1	VV59	4 802 126	8x14,02x56	G
				V321N				VV59.1		+0,03	A
				V321N1				VV59.2	4 802 127	+0,18	
				V321N2							
	78→		EX	V321N4		+1,5S					
				V322	4 673 608 4 658 055			VV59	4 802 126	8x14,02x56	G
				V322N				VV59.1		+0,03	A
				V322N1				VV59.2	4 802 127	+0,18	
				V322N2				VV379	4 601 299	8x14,03x48,7	G
				V322N4				VV379.1		+0,05	A1
								VV379.2		+0,10	
								VV379.3	4 601 300	+0,15	
Daily 3.0 Unijet 16V Eng. F1CE0481A 2998ccm	04→	95,8 4	IN	V1697	504072531	32,4x6x119,9	60 3	VV335	504053804	6x10,04x49	G
								VV335.1		+0,03	A
								VV335.2		+0,23	
			EX	V1698	504081062	32,4x6x119,9	60 3	VV335	504053804	6x10,04x49	G
								VV335.1		+0,03	A
								VV335.2		+0,23	

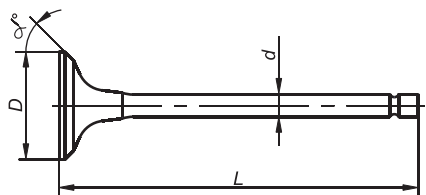
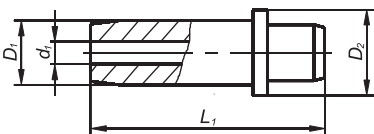
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IVECO											
ENG. F4AE681A/E 24V Euro Cargo Tector 00→ 60/65 E13 75 E13, E15, E17 89/90/100 E17 Eng. F4AE 0481 3920ccm	102 4	IN	V1297 V1297N1 V1297N2 V1297N5	4 895 052	33x7x124,7 +0,5S +0,8S +0,2d	60	1	VV311		7x12,07x50,5	G B
		EX	V1298 V1298N1 V1298N2 V1298N5	4 895 051	33x7x124,3 +0,5S +0,8S +0,2d	45	1	VV311		7x12,07x50,5	G B
Eurocargo 75/80/90/100 E18 00→ Eurocargo 120/130/140 E18 Eurocargo 80/90/100/180 E21 Eurocargo 120/130/140 E24/28 Eurocargo 150/180/320 E24/28 Eng. F4E 0681 5880ccm 134/202/220kw(101/275/299PS)	102 6	IN	V1297 V1297N1 V1297N2 V1297N5	4 895 052	33x7x124,7 +0,5S +0,8S +0,2d	60	1	VV311		7x12,07x50,5	G B
		EX	V1298 V1298N1 V1298N2 V1298N5	4 895 051	33x7x124,3 +0,5S +0,8S +0,2d	45	1	VV311		7x12,07x50,5	G B
ENG. 8040.05 87→ 40 NC, 50.8, 50.9, Zeta, 50NC, 55.8, 55 NC 60.8, 65.9 Zeta, 65PC 3908ccm	104 4	IN	V447 V447N1 V447N2	99432652 98435622 4 784 888	45,5x8x125,7 +0,5S +0,8S	60	1	VV59 VV59.1 VV59.2	4 802 126 4 802 127	8x14,02x56 +0,03 +0,18	G A
		EX	V448 V448N1 V448N2	99432717 99432718 4 784 889	37,5x8x125,7 +0,5S +0,8S	45	1	VV59 VV59.1 VV59.2	4 802 126 4 802 127	8x14,02x56 +0,03 +0,18	G A
ENG. 8040.25 B 4200/4220 87→ 60E10, 65E10, 65E12, 75E12 Eurocargo 65E12K Eurocargo 3908ccm	91→										

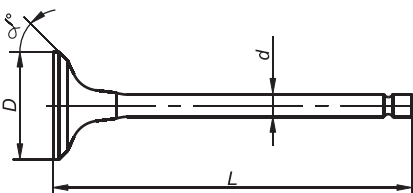
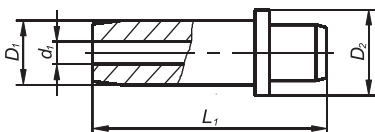
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IVECO											
ENG. 8040.25X.4000/8040.25.4990 60E12, 65E12, 65E12H, 75E12 Eurocargo 712, 912 Cargo India 3908ccm	104 6	IN	V447	99432652	45,5x8x125,7	60	1	VV59	4 802 126	8x14,02x56	G
				98435622				VV59.1		+0,03	A
				4 784 888				VV59.2	4 802 127	+0,18	
			V447N1 V447N2		+0,5S +0,8S						
ENG. 8060.05.200/201/203/205/206/246 75PC, 75PM, 79.13, 79.14, 80.13 80.14W, 80NC 90NC/PC/PM 95.14 IV, 100NC, 109.14 IV, A55.14 5861ccm	87→ 87→ 85→	EX	V448	99432717	37,5x8x125,7	45	1	VV59	4 802 126	8x14,02x56	G
				99432718				VV59.1		+0,03	A
				4 784 889				VV59.2	4 802 127	+0,18	
			V448N1 V448N2		+0,5S +0,8S						
ENG. 8060.05 79.14, 115.14 5862ccm	87→										
ENG. 8040.45-Turbo 65/75E 14 Euro Cargo 3908ccm	90→										
ENG. 8060.25-Turbo 79.17, 115.17 5862ccm	87→										
ENG. 8060.25-Turbo 80/100E15-E18 Euro-Cargo 5861ccm	90→										
ENG. 8040.45-Turbo 65E14, 75E14 3908ccm	91→	104 4/6									
ENG. 8060.45-Turbo 80E21, 100E21 5861ccm	91→										

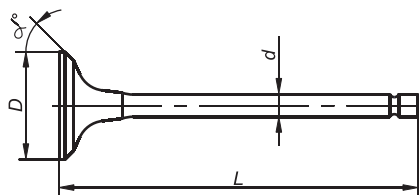
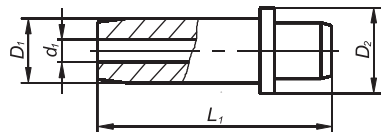
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
IVECO												
ENG. 8060.45S Turbo Euro-Cargo 120/130/150 E23 135/280 E23 T/W 170 E27 5861ccm 167kw(227PS)	90→ 01→	104 6	IN IN EX EX	V1535 V2161 V1536 V2162	98497235 99433902	46x9x141,2 46x9x141 38,3x9x141,2 38,3x9x141	60 60 45 45	1 1 1 1	VV351 VV351N VV351.1 VV352 VV352N VV352.1	98435241EZ 98435242EZ 98474643EZ 98474645EZ	9x15,02x81 +0,05 +0,18 9x15,02x70 +0,05 +0,18	G F G F
ENG. C03 Leoncino A15, OM 80/90, OMN 100 Tigrotto 50/55/4x4/M5K 4940ccm 81kw(110PS)	66→	104 6	IN EX	V228 V229	8 823 545 8 823 548 8 823 549 8 823 544	42,9x8x137,7 36,4x8x137,8	45 45	1 1	VV60 VV60.1 VV60.2 VV61 VV61.1 VV61.2	4 758 795 4 758 796 4 758 797 4 758 799 (8 823 263) 4 758 800 4 758 801	8x14,04x55 +0,15 +0,35 8x14,04x62 +0,15 +0,35	G F G A
ENG. CP3 130 NC, 673 N/NR/T, OM 100/120/130 7410ccm 114kw(155PS)	68→	110 6										
E145/195/215/245 NEF 45 AM1 NEF 67 SM1 Eng. F4GE 3922/5880ccm	06→	102 4 102 6	IN EX EX	V527 V527N5 V527N6 V528 V528N5 V528N6 V2304 V2304N5 V2304N6	4 895 187 4 895 188 4 899 632	45x8x129,1 +0,2d +0,4d 42x8x129,1 +0,2d +0,4d 42x8x130,5 +0,2d +0,4d	60 45 45	18 1 1				
ENG. 8360.46 150/175/180/320-E27 Euro Cargo ENG. 8360.46/46R 190-E24 150/320-E27 175/180/190-E27 Euro Tech 7685ccm 175/196kw(238/267PS)	91→ 92→ 91→ 92→	112 6 										

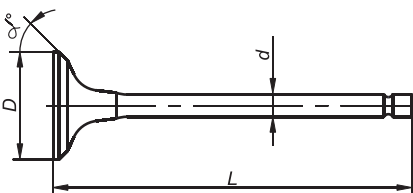
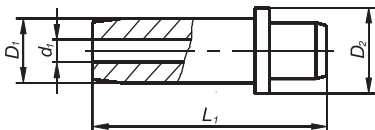
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IVECO											
ENG. 8340.04 Series 50/55/60/65/70 Series 79 4570ccm 67kw(90PS)	77→87 4	115 4	IN 								

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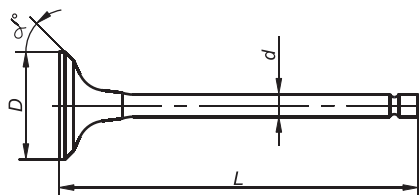
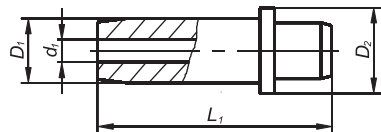
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IVECO											
Eurotech/Eurotrakker 180/190/240/400/440 E34 190/260/330/340/380/400 440/E34 Eng. 8460.41K Euroclass HD 180/190/240/260 Eurotech 400/1440E38 Eurostar/Eurotech 180/190/240 400/440 E38 Eng. 8460.41L/M/N Euroclass/Eurorider 35370SE Eng. 8460.41S Eurotech 240.E25 Eng. 8460.41T Eng. 8460.S100A028 Eng. 8460 SRI20A005 Eng. 8469 SG10 Eng. 8469 SRG 211/212 Eng. 9718241K.4046 9500ccm	90→	120 6	IN	V1965 							

	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IVECO											
ENG. 8210.22 Turbo Euro Tech / Euro Star 170/190/240/260/330/370 13797ccm 224kw(304PS)	81→	137 6	IN	V1521* 4 673 862 98474603 * Retainer s.e. 7,5 mm	57,5x11x170	60	1	VV357 4 630 923 VV357.1 4 630 924	11x18,01x86 +0,05	G A45	
			IN	V1481* 4 849 522 * Retainer s.e. 7,5 mm	57,5x11x171	60	1	VV357 4 630 923 VV357.1 4 630 924	11x18,01x86 +0,05	G A45	
ENG. 8210.22S Turbo 190.33 Turbostar 13797ccm 243kw(330PS)	84→		EX	V1522* 4 673 861 98474604 * Retainer s.e. 7,5 mm	48x11x170	45	1	VV358 4 648 237 VV358.1 4 648 238	11x18,01x76 +0,05	G A45	
ENG. 8210.42 190/440E 42 Eurostar 13798ccm 192kw(260PS)	92→	137 6	IN	V519 98480846	59x11x170	45	1	VV30 4 630 627 VV30.1 4 630 628	11x18,03x86 +0,03	G A1	
			EX	V520 99452179	49x11x170	45	1	VV31 4 647 763 VV31.1 4 647 764	11x18,03x76 +0,03	G A1	
ENG. 8280. 22 32V Turbo 190.38, 190.42, 220.38 240.38, 320 PTM 17174ccm 280kw(381PS)	85→	145 8	IN	V537 4 797 715 4 797 186	51,5x10x156,7	60	1	VV43 4 672 515 VV43.1 4 694 449 VV43.2 4 694 450 VV43.3 4 694 451	10x17,03x67 +0,04 +0,20 +0,24	G A	
ENG. 8280. 42 Turbo 190.48 Turbostar OM 100/120/130 17173ccm 378kw(514PS)	89→	145 V-8	EX	V538 4 704 215 4 813 201	45x10x156,6	45	1	VV43 4 672 515 VV43.1 4 694 449 VV43.2 4 694 450 VV43.3 4 694 451	10x17,03x67 +0,04 +0,20 +0,24	G A	
ЯМЗ (JaMZ) – JAROSLAVSKI MOTORNI ZAVOD											
Ka MA3			IN	V1441 V1441.1	51,5x10x160,7 +0,3d	45	5	VV382 VV382N VV382N1	10x18,06x75 +0,05 +0,1	G F	
			EX	V1442 V1442.1	46,3x10x160,7 +0,3d	45	5	VV382 VV382N VV382N1	10x18,06x75 +0,05 +0,1	G F	
MA3 КрJ3 Урал Белаз Eng. ЯМЗ-240Б, ЯМЗ-238НД Eng. ЯМЗ-236М2			IN	V1283	236-1007010-Б2	60	5	VV529	12x19,05x74,6	G A1	
			EX	V1284	236-1007015-Б5	48x12x155,6	45	5	VV529	12x19,05x74,6	G A1

	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ЯМЗ (JaMZ) – JAROSLAVSKI MOTORNI ZAVOD											
NEW		IN	V2419		55x12x156,6	60	5				
		EX	V1284		48x12x155,6	45	5				
JAGUAR											
Jaguar X Type 3.0 Jaguar S Type Jaguar XF/XJ Eng. AJ30 2967ccm	02→ 10→	V6	IN EX	V2301 V2302	XR822776 AJ810106	35x5,5x92,5 30x5,5x91,7	45 45	1 1			
2.4 MK II Eng. BG 1001 XK 150 3.4 MKII/S 3442ccm 119kw(162PS) XJ6 4.2 MKX 420 G 4235ccm NEW	61–86 82–86 82–86	83 6 83 8	IN EX	V2385 V2386	EAC 1547 EAC 1548	44,5x7,9x105,5 41,3x7,9x103,7	45 45	1 1			
JAGUAR DIESEL											
XF 2.2 TD Eng. 224DT 2179ccm		85 4	IN EX	V1723 V1724	0948.E5 0949.E1	27,2x6x95,8 25x6x95	45 45	3 3	VV378 VV378.1 VV378 VV378.1	0220.A2 0220.A2	6x10,06x41,5 +0,05 6x10,06x41,5 +0,05 G A G A
JEEP											
Compass 2.0 Compass 2.4 Patriot 2.4 Eng. ECN/ERZ/ED3	09→ 09→	4	IN EX	V2253 V2254	0948F2 0949E7	35x5,5x113,2 29x5,5x105,8	45 45	1 1			
Wrangler 2.5 2464ccm 87kw(118PS) Wrangler 4.0 3960ccm		98,4 4 6	IN EX	V1667 V1668	53010512AA 53010513AA	48,5x8x124,7 38x8x125,5	45 45	3 3			

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
JEEP											
Wrangler 2.5 2464ccm	98,5 4	IN	V1445	33003515	48,5x8x124,7	45	1				
		EX	V1446	33003860R	38,1x8x125,5	45	1				
Grand Cherokee 4.0 3960ccm 125-136kw(170-185PS)											
Grand Cherokee 4.7 16V 00→ 4700ccm	93 V8	IN	V1397	53020747AB	48,7x7x113,8	45	3	VV522		7x12x43	G A
		EX	V1398	53020748	37x7x115,4	45	3	VV522		7x12x43	G A
Grand Cherokee 08→ Eng. HG/HB/LE/LX 5700ccm	8	IN	V2255	53021550AA	50,8x8x125,2	45	3				
		EX	V2256	53021551AA 53021551AB	39,4x8x123,1	45	3				
JEEP DIESEL											
Compas 2.0 CRD 16V 06→ Patriot 2.0 CRD 16V Eng. ECD 1968ccm 80/103kw(109/140PS)	81 4	IN	V1607	68001582AA	29,2x6x87,8	45	3	VV272 VV272N VV272.1 VV215		6x10,07x42 +0,05 +0,15 6x11,5/10,06x41,5	B F B G
		EX	V1608	68001583AA	25,4x6x87,5	45	3	VV272 VV272N VV272.1 VV216		6x10,07x42 +0,05 +0,15 6x11,5/10,06x41,5	B F B G
Cherokee 2.1 D 83→ Laredo 2.1 D 82-86 CJ5, CJ8 2.1 D 87→ CJ7 2.1 D 85→ Eng. J8S 2068ccm 44kw(60PS) CJ7 2.1 TD 82-92 Cherokee 2.1 TD 84-95 Comanche 2.1 TD 88-98 Wagoner 2.1 TD 88-94 XJ 2.1 TD 84-87 Eng. J8S Turbo 2068ccm 59/64kw(80/87PS)	86 4	IN	V863	7701 462 232	40,2x8x111,6	45	1	VV145 VV145N	7701 462 486	8x13,07x49 +0,03	B F
		EX	V864	7701 461 339	33,3x8x111,6	45	1	VV145 VV145N		8x13,07x49 +0,03	B F

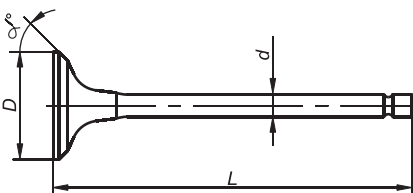
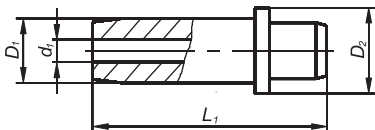
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
JEEP DIESEL											
Grand Cherokee 2.7 CRD 16V 01→ Eng. OM665.921 2685ccm 120kw(163PS)	88 5	IN	V1055 V1055N5	05073735	30,1x7x104 +1,0L	45	1	VV268 VV268N VV268.1	611 053 329 611 053 429	7x12,56x37,5 +0,05 +0,20	G F
		EX	V1056 V1056N5	05073737 05073738	28,4x7x104,4 +1,0L	45	1	VV268 VV268N VV268.1	611 053 329 611 053 429	7x12,56x37,5 +0,05 +0,20	G F
Cherokee 3.0 CRD V6 24V 05→ Eng. OM642.982 2987ccm	88 V6	IN	V1743	05175396AA	28,5x6x102,3	45	3	VV398 VV398N		6x11,57x34,4 +0,03	G F
		EX	V1744	05175397AA	25,4x6x102,3	45	3	VV398 VV398N		6x11,57x34,4 +0,03	G F
Cherokee 2.5 TD 95→ Grand Cherokee 2.5 TD 95→ Eng. M51, M52 Eng. VM 492 HR/HS Turbo 2499ccm 85kw(116PS)	92 4	IN	V1167	0472 0146	40,2x8x121	55	1	VV411 VV411.1 VV411.2		8x14,06x55 +0,03 +0,18	G A
								VV521 VV521.1 VV521.2		8x14,06x55 +0,03 +0,18	G F
		EX	V1168	0464 0148	34x8x121	45	1	VV411 VV411.1 VV411.2		8x14,06x55 +0,03 +0,18	G A
								VV521 VV521.1 VV521.2		8x14,06x55 +0,03 +0,18	G F
Cherokee 2.5 CRD 01→ Eng. ENJ 2499ccm 105kw(143PS)	92 4	IN	V1645	05066770AA	32,4x6x109	45	3	VV530	5066773AA	6x11,03x44,5	G F
		EX	V1646	05066769AA	30,9x6x108,3	45	3	VV530	5066773AA	6x11,03x44,5	G F
Cherokee 2.8 CRD 16V 03→ Eng. ENR 2776ccm 110/120kw(150/163PS)											
CJ-5/6/7 4WD 2.7 D 75→ Eng. 4.165 Perkins 2710ccm 48kw(65PS)	92 4	IN	V877	3143 1491	40,5x8x114,6	45	1				
		EX	V878	3142 A031	35,5x8x114,5	60	1				

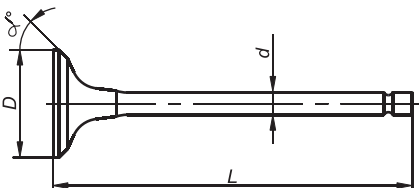
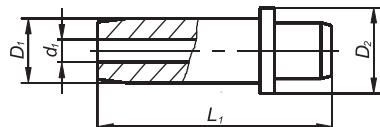
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
JEEP DIESEL												
Wrangler 2.8CRDi 16V Cherokee 2.8CRDi 16V Eng. ENS 2777ccm	06→ 08→	94 4	IN EX	V1745 V1746	K68027469AA K68027470AA	31,8x6x107,6 29,2x6x107,8	45 45	3 3	VV530 VV530	5066773AA 5066773AA	6x11,03x44,5 6x11,03x44,5	G F G F
JOHN DEERE												
Tractor 2.5 820, 920, 1020 Eng. 310/510 2490ccm	68→75	98 3	IN EX	V1295 V1295N1 V1295N5 V1296 V1296N1 V1296N5	CDX 0881 CDX 0634A	45x9,5x131 +0,5S +0,2d 40x9,5x131 +0,5S +0,2d	45 45	5 5				
Tractor 3.3 2020 Eng. 710 3320ccm		98 4										
Tractor 2.7 830, 890, 930, 1030 1035, 1120, 1830, 2040, 2120 Eng. 3164 DL 2690ccm	68→	102 3										
Tractor 3.6 2030, 2035, 3030 Eng. 4219 DL 3590ccm	68→	102 4										
Tractor 5.4 3030, 3130, 3135 Eng. 3239 DL 5380ccm	73→											
Tractor 2.9 940, 1040, 1140, 1630 Eng. 3239 DL 2938ccm	74→	106,5 3										

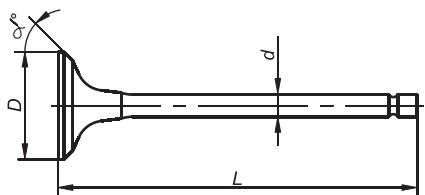
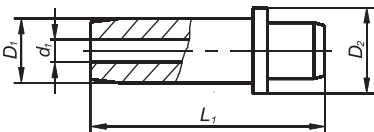
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS $d_1 \times D_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
JOHN DEERE											
Tractor 3.9 1640, 1840, 2040, 2130, 2140 Eng. 4239 DL 3918ccm	74→	106,5	IN	V1295	CDX 0881	45x9,5x131	45	5			
		4		V1295N1 V1295N5		+0,5S +0,2d					
Tractor 5.9 3040, 3140 Eng. 6359 DL 5876ccm	74→	106,5	EX	V1296	CDX 0634A	40x9,5x131	45	5			
		6		V1296N1 V1296N5		+0,5S +0,2d					
Industrial Generator Eng. 4.024 2400ccm Eng. 5.030 3000ccm	07→	4	IN	V2305	R 502 454	37x7x123,6	60	1			
		5	EX	V2306	R 502 455	34x7x122	60	1			
ENG. 6404 A/T-Turbosharged Kombajn 7700 Tractor 7020 (S/N 33846→) Tractor 4430, 4630 ENG. JD 404-Turbosharged Agregat (S/N 21500→) ENG. 6466 A/T-Turbosharged Kombajn 7720 Grebač (Scraper) JD 762A Tractor 4440, 4640, 4840, 8430, 8440, 8450 ENG. 6466 AF-Turbosharged Grebač (Scraper) JD 762A (S/N 239487→) Tractor 4850 ENG. 6466 TF-Turbosharged Tractor 4250, 4450, 4650		108	IN	V531	R 50 358	43,6x9,45x157,3	60	10			
		6		V531.1 V531N V531N1 V531N2		+0,08d +0,2d +0,4d +0,5d					
		116	EX	V532	R 50 357	43,6x9,45x157,7	60	5			
		6		V532.1 V532N V532N1 V532N2		+0,08d +0,2d +0,4d +0,5d					

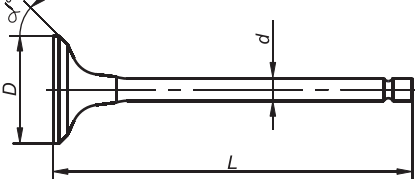
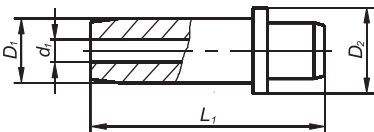
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
JOHN DEERE											
ENG. 4270 Utovarivač JD 500 (S/N 1231M→) Utovarivač JD 500 A/B (S/N 123114→) Tractor 3020 (S/N 123000→)	108 4	IN	V871	R 43 883	48,3x9,45x156,3	45	10				
		EX	V872	R 43 679	43,6x9,45x155,9	45	5				
ENG. 6404D Kombajn 7700 (S/N 422 365→) Tractor 4040,4230	108 6										
ENG. JD 404 Agregat (S/N 215000→) Utovarivač JD600 (S/N 215 000→) Tractor 4040,4230											
ENG. JD 404 Agregat (S/N 215000→) Utovarivač JD600 (S/N 215000→) Tractor 4000,4020 (S/N 201000→)											
ENG. 6466D Kombajn 6620 Tractor 4040, 4240, 4440	116 6										
ENG. 6404 A/T (S/N 245547–335845)	108 6	IN	V873	R 43 914	44,5x9,45x155,7	60	10				
		EX	V872	R 43 679	43,6x9,45x155,9	45	5				
5085E Tractor NEW		IN	V2423	R527333	36,5x7x135,7	60	1				
		EX	V2424	R532049	35,4x7x135,4	60	1				
Marine Engine 07→ Eng. 6.068 6800ccm	6	IN	V2221	R 518 806	37x7x135,7	60	11				
		EX	V2222	R 524 875	35,9x7x135,5	60	1				
ENG. 6076 T/A/H	108 6	IN	V843 V843N V843N1	R 84 618	51x9,45x154 +0,25d +0,5d	60	5				
		EX	V844 V844N V844N1	R 84 619	47x9,45x157 +0,25d +0,5d	60	8				

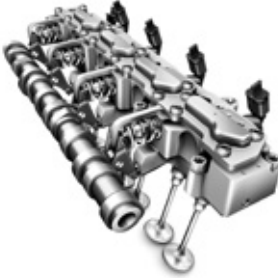
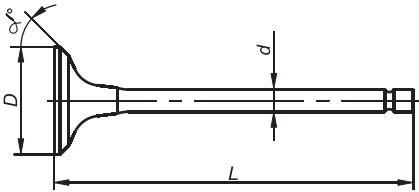
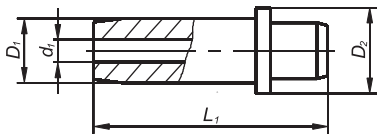
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
JOHN DEERE												
Series 9000/7700/7800 Eng. 6.125 12500ccm	07→	6	IN	V2303	R 122 035 R 516 892	46,5x9x196	60	1				
			EX	V2303	R 122 035 R 516 892	46,5x9x196	60	1				
ENG. 4270 (S/N 157002-280000)			IN	V875	R 44 174	48,3x9,45x158,6	45	2				
			EX	V876	R 44 175	43,6x9,45x158,3	45	2				
ENG. 6404D (S/N 8202-214999)			IN	V845		51,6x11x168,7	70	5				
			EX	V846		47,6x11x169	60	5				
ENG. 6619T Tractor 850 (S/N 033815→) Tractor 8630, 8640	133,3	6	IN	V845		51,6x11x168,7	70	5				
			EX	V846		47,6x11x169	60	5				
Power tech 9000 660 UTS 8000 225 R 9000ccm		6	IN	V2307	R 520 223	40x8x162,4	60	1				
			EX	V2308	R 520 224	40x8x162,4	60	1				
KIA												
Picanto 1.0 12V Eng. G4HE 999ccm	04→	66 4	IN	V1751	22211-02200	23,5x5,5x99,6	45	1	VV387	22114-02500	5,5x10,06x47	G P
			EX	V1752	22212-02200	27x5,5x99	45	1	VV388	22115-02500	5,5x10,06x48	G P6
Picanto 1.1 12V Eng. G4HG 1086ccm	04→	67 4	IN	V1751	22211-02200	23,5x5,5x99,6	45	1	VV387	22114-02500	5,5x10,06x47	G P
			EX	V1752	22212-02200	27x5,5x99	45	1	VV388	22115-02500	5,5x10,06x48	G P6
Picanto 1.0 12V Eng. G3LA 998ccm	11→	71 3	IN	V2065	22211-04000	26,8x5,5x93	45	1	VV388	22115-02500	5,5x10,06x48	G P6
			EX	V2066	22212-04000	24,1x5,5x93,4	45	1	VV388	22115-02500	5,5x10,06x48	G P6
Pride GLXi 1124ccm 1324ccm		4	IN	V1851	MB30112111	32x7x105,3	45	1				
			EX	V1852	KK15012121 KK15112121	28x7x104,2	45	1				

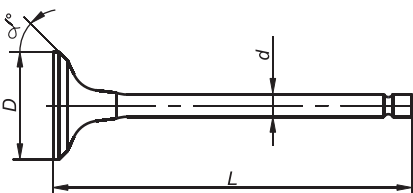
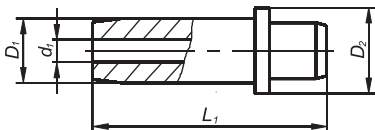
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KIA											
Picanto 1.2 16V Rio 1.2 16V Eng. L2K 1200ccm	11→	4	IN EX	V1893 V1894	22211-03000 22211-03201 22212-03000 22212-03201	26,7x5,5x101,15 24,2x5,5x101,4	45 45	1 1			
Rio 1.3 SW Eng. A3E SOHC 1343ccm 55/60kw(75/82PS)	02→	4	IN EX	V1747 V1748	OK30C-12111 OK30C-12121	37,1x6,5x105,1 31,6x6,5x103,4	45 45	1 1	VV477 VV477	OK30C-10-291B OK30C-10-291B	6,5x12,06x42,7 6,5x12,06x42,7 G P G P
Rio 1.5 16V Eng. A5D DOHC 1493ccm 71kw(97PS)	00→	75,5 4	IN EX	V1601 V1602	OK30E-12111 OK30E-12121	27,8x5,5x96,4 24,9x5,5x95,5	45 45	1 1	VV462 VV462	OK30E-10-281 OK30E-10-281	5,5x9,56x42 5,5x9,56x42 G P G P
Sephia 1.5 Mentor 1.5 Eng. P47E 1500ccm	06→	4	IN EX	V1143 V1144	OB657-12111 OK938-12121	31x6x105,4 26,2x6x105,4	45 45	1 1			
Cerato 1.6 16V Rio 1.6 16V Eng. G4ED 1599ccm 79/82kw(107/112PS)	04→ 05→	76,5 4	IN EX	V1507 V1508	22211-26600 22212-26000	29,1x6x91,9 25x6x92,4	45 45	1 1	VV385 VV386	22114-26000 22115-26000	6x11,07x36,5 6x11,07x41 G F G F
Carens 1.6i 16V Eng. G4ED 1599ccm 79/82kw(107/112PS)	02-04	76,5 4	IN EX	V1507 V1508	22211-26600 22212-26000	29,1x6x91,9 25x6x92,4	45 45	1 1	VV538 VV538		6x11,07x40 6x11,07x40 G P G P
CEE'D 1.4i 16V Venga 1.4i 16V Eng. G4FA 1396ccm 80kw(109PS)	07→ 08→	77 4	IN EX	V1739 V1740	22211-2B000 22212-2B000	31,5x5,5x93,2 26x5,5x92,6	45 45	1 1	VV476 VV476	22114-2B000 22114-2B000	5,5x10,06x40,5 5,5x10,06x40,5 G P G P
CEE'D 1.6i 16V Venga 1.6i 16V Eng. G4FC 1597ccm 90kw(122PS)	10→ 08→										

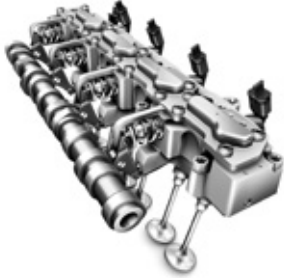
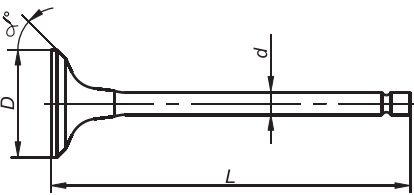
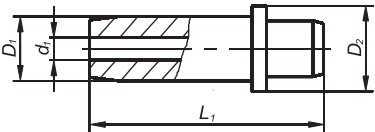
	CYL. Ø №	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
KIA											
Sportage 1.6i 16V Soul 1.6i 16V CEE'D 1.6i 16V PRO CEE'D 1.6i 16V Carens IV 1.6i 16V Eng. G4FD 1591ccm	11→ 13→	77 4 EX	IN V1740	22211-2B000 22211-2B400 22212-2B000	31,5x5,5x93,2 26x5,5x92,6	45 45	1 1	VV476 VV476	22114-2B000 22114-2B000	5,5x10,06x40,5 5,5x10,06x40,5	G P G P
Sephia 1.6 16V Eng. B5 1498ccm		78 4 EX	IN V1898	K95412111 K01312121	33,7x6x103,4 28,9x6x104	45 45	1 1				
Carens 1.6 16V Shuma 1.6 16V Eng. S6D 1594ccm 75/77kw(101/105PS)	04→ 01→	78 4 EX	IN V1240	OK2NC-12111 OK2NC-12121	29,2x5,5x96,2 25,8x5,5x95	45 45	1 1	VV462 VV462	OK30E-10-281 OK30E-10-281	5,5x9,56x42 5,5x9,56x42	G P G P
Spectra 1.8 16V Carens 1.8 16V Eng. TBD 1793ccm 81kw(110PS)	03→ 03→	81 4 EX	IN V1386	OK 247 12111 OK 247 12121	31,5x6x102,9 27x6x101,5	45 45	1 1				
Sportage 2.0 16V Eng. G4GC 1975ccm	00→	82 4 EX	IN V1736	22211-23600 22212-23600	32x6x114,4 27,5x6x116,7	45 45	1 1				
Optima 2.5i Magnetis 2.5i 2493ccm		84 V6 EX	IN V1658	22211-37201 22212-37200	32x6x96,2 27,5x6x97,3	45 45	1 1	VV445 VV446	22114-23000 22115-37100	6x11,06x39 6x11,11x43	G P G P6
Magentis 2.0i 16V Eng. G4JP 1997ccm 100kw(136PS)	04→	85 4 EX	IN V928	22211-33000 22212-33000	34x6,5x109,6 30,5x6,5x109,6	45 45	1 1	VV133 VV133N VV134 VV134N	MDO-16441 MDO-16445	6,6x12,06x50,5 +0,05 6,6x12,06x45,5 +0,05	G P G P
Sportage 2.0 16V VVT Magnetis 2.0 16V VVT Optima 2.0 16V Eng. G4KD 1998ccm	10→ 09→ 12→	86 4 EX	IN V2068	22211-2G000 22212-25002	35x5,5x113,3 29x5,5x106	45 45	1 1				

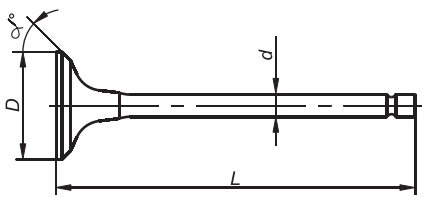
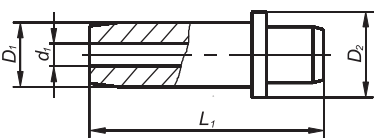
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
KIA												
Carnival 2.5i Eng. KR 2497ccm 121kw(165PS)	03→ 	V6	IN EX	V1749 V1750	OK9BV-12111A OK9BV-12121	31,5x6x89,8 27,6x6x90,1	45 45	1 1	VV478 VV478	OK9BV-10-281 OK9BV-10-281	6x9,85x30 6x9,85x30	G G
Sportage 2.0i 16V Clarus 2.0i 16V Eng. FE 16V 1999ccm	99-04	86 4	IN EX	V1899 V1900	K930-12111 K930-12121	38x7x103,7 32x7x102,8	45 45	1 1				
Sportage 2.7i V6 24V Eng. G6BA 2656ccm 129kw(175PS) Optima 2.5i V6 24V 2493ccm	04→ 03→	86,7 V6	IN EX	V1657 V1658	22211-37201 22212-37200	32x6x96,2 27,5x6x97,3	45 45	1 1	VV445 VV446	22114-23000 22115-37100	6x11,06x39 6x11,11x43	G P G P6
Rondo 2.7 V6 Optima 2.7 V6 Sportage 2.7 V6 2700ccm	10→	V6	IN EX	V2313 V2314	22211-3E000 22212-3E000	33,1x6x110,4 27,5x6x111,5	45 45	1 1				
Opirus 3.5 24V Sorento 3.5 24V Eng. 6G74 3497ccm	04→	V6	IN EX	V2311 V2312	22211-35520 22212-35500	34,9x6,5x106,3 30,5x6,5x105,5	45 45	1 1				
Amanti 3.8 V6 Borrego 3.8 V6 Cadenza 3.3 V6 Sedona 3.5 V6 Sorento 3.3 V6 3300/3500/3800ccm	10→ 14→	V6	IN EX	V2315 V2316	22211-3C100 22211-3C800 22211-3C810 22212-3C100 22212-3C800	36,1x5,5x105,3 31x5,5x105,5	45 45	1 1				
KIA DIESEL												
Picanto 1.1 CRDi 12V Eng. D3FA 1120ccm 55kw(75PS)	05→	75 4	IN EX	V1741 V1742	22211-2A100 22212-2A100	26,1x5,5x93,1 21x5,5x93,7	45 45	3 3	VV573 VV574		5,5x11,03x31,5 5,5x11,03x31,5	G F G F6
Rio 1.5 CRDi 16V Cerato 1.5 CRDi 16V Eng. D4FA 1493ccm 81kw(110PS)	05→	75 4	IN EX	V1741 V1742	22211-2A100 22212-2A100	26,1x5,5x93,1 21x5,5x93,7	45 45	3 3	VV573 VV574		5,5x11,03x31,5 5,5x11,03x31,5	G F G F6

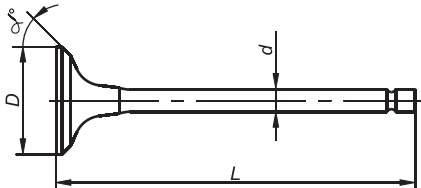
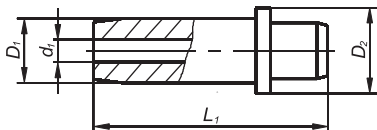
	CYL. Ø Nº	IN EX										
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KIA DIESEL												
Venga 1.4 CRDi 16V CEE'D 1.4 CRDi 16V Rio 1.4 CRDi 16V Eng. D4FC 1396ccm	10→ 12→ 11→	75 4	IN EX	V1741 V1742	22211-2A100 22212-2A100	26,1x5,5x93,1 21x5,5x93,7	45 45	3 3	VV573 VV574	 5,5x11,03x31,5 5,5x11,03x31,5	G F G F6	
CEE'D 1.6 CRDi 16V Cerato 1.6 CRDi 16V Soul 1.6 CRDi 16V Venga 1.6 CRDi 16V Eng. D4FB 1582ccm	07→ 09→ 10→	77,2 4	IN EX	V1741 V1742	22211-2A100 22212-2A100	26,1x5,5x93,1 21x5,5x93,7	45 45	3 3	VV573 VV574	 5,5x11,03x31,5 5,5x11,03x31,5	G F G F6	
Sportage 1.7 CRDi 16V Eng. D4FD 1685ccm	10→	77,2 4	IN EX	V1741 V1742	22211-2A100 22212-2A100	26,1x5,5x93,1 21x5,5x93,7	45 45	3 3	VV573 VV574	 5,5x11,03x31,5 5,5x11,03x31,5	G F G F6	
Pregio 2.7 D	02→	82 4	IN EX	V1671 V1672	 37,3x8,5x112,8	44x8,5x112,7 37,3x8,5x112,8	45 45	1 1	VV490 VV490	 8,5x14,05x48,8 8,5x14,05x48,8	G A G A	
Cerato 2.0 CRDi 16V Carens 2.0 CRDi 16V Magentis 2.0 CRDi 16V Sportage 2.0 CRDi 16V Eng. D4EA 1991ccm 83/103kw(113/140PS)	04→ 02→ 06→ 04→	83 4	IN EX	V1395 V1396	22211-27000 22212-27000	28,5x6x95,7 24,4x6x95,4	45 45	1 1	VV389N VV389N	22114-27000 22114-27000	6x11,06x36,6 6x11,06x36,6	G P G P
Sportage 2.0 CRDi 16V Sorento II 2.0 CRDi 16V Eng. D4HA 1995ccm	10→	85 4	IN EX	V2069 V2070	22211-2F000 22212-2F000 22212-2F010	29x6x108,5 26x6x108,3	45 45	3 3	 	 	 	
Sorento II 2.2 CRDi 16V Carnival II 2.2 CRDi 16V 2199ccm	09→ 10→	85,1 4	IN EX	V2069 V2070	22211-2F000 22212-2F000 22212-2F010	29x6x108,5 26x6x108,3	45 45	3 3	 	 	 	

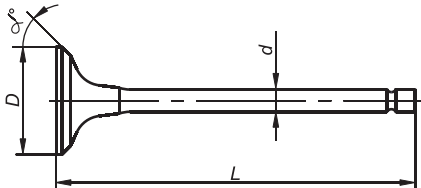
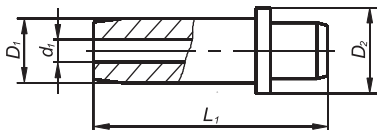
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
KIA DIESEL												
Retona 2.0 TD Sportage 2.0 TD 4WD Eng. RF 1998ccm	99→ 97→ 61kw(83PS)	86 4	IN EX	V1511 V1512	12911-78E00 OK054-12111 12915-78E00 OK054-12121	39,4x8x106,8 35,1x8x106,7	60 45	1 1	VV451 VV451N VV432 VV432N	MRF01-10-104 MRFJ5-10-290	8x14,04x41 +0,05 8x14,04x46,5 +0,05	G P13 G A16
Retona 2.0TD Sportage 2.0TD Eng. RF 1998ccm	99→ 94→ 61kw(83PS)	86 4	IN EX	V1023 V1024	RF01-12-111 RF01-12-121	41x8x107 36x8x106,8	45 45	1 1	VV279 VV280	011-10-280 011-10-290	8x14,04x40,5 8x14,04x37,7	G A1 G A16
E 220 Bus/Van 2.2D Sportage 2.2D NB 1 Besta 2.2D Eng. R2 2184ccm	85→ 94→ 94→ 48kw(65PS)											
Sorento 2.5CRDi Eng. D4CB 2497ccm	03→ 103kw(140PS)	91 4	IN IN EX EX	V1753 V1845 V1754 V1846	22211-4A000 22211-4A061 22212-4A000 22212-4A061	31,7x7x110,5 31,7x7x110,5 28x7x110,5 28x7x110,5	45 45 45 45	1 3 1 3	VV479 VV479 VV480 VV480	22114-4A000 22114-4A000 22115-4A000 22115-4A000	7x12,07x43,3 7x12,07x43,3 7x12,07x39,4 7x12,07x39,4	G P3 G P3 G P3 G P3
K2500 2.5 TCi Pregio 2.5 TDi/TCi Eng. D4BH 2476ccm	04→ 02→ 69kw(94PS)	91,9 4	IN EX	V1405 V1406	22211-42520 22212-42520	40x8x130,1 34x8x129,9	45 45	1 1	VV407 VV407.1 VV408 VV408.1	22114-42000 22114-42900 22115-42000 22115-42900	8x13,08x71 +0,03 8x13,08x74 +0,03	G P G P6
Carnival 2.9TDi 16V Carnival 2.9CRDi 16V Eng. J3/J3TCI 2902ccm	98→ 01→ 93/136kw(126/185PS)	97,1 4	IN EX	V1659 V1660	OK05511-2111A OK05511-2121A	34x7x126,2 31,5x7x126,1	45 45	1 1	VV468 VV468	OK551-10-281 OK551-10-281	7x12,06x52,5 7x12,06x52,5	G F6 G F6
E-County Eng. JM15D4AF JY01D4CI 3000ccm	09→	4	IN EX	V2317 V2318	22211-41001 22212-45000 22212-45001	44x8,9x136,8 37,1x8,9x136,9	45 45	8 8				

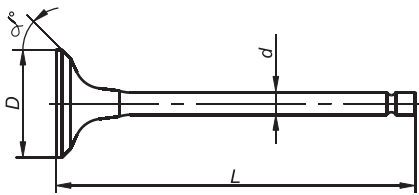
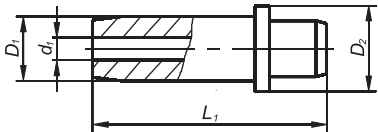
	CYL. Ø N _o	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
KLOECKNER-HUMBOLDT DEUTZ												
ENG F2L 1011 ENG F2L 1011 Euro 1 1366ccm 18-22kw(25-30PS)	89→ 94→ 2	91	IN	V1261	0210 8183 0417 0898 0427 1175 0427 2209	40,1x8x124,7	45	3	VV506	0417 0164	8x15/12,03x48	G G
ENG F3L 1011 ENG F3L 1011 F Euro 1 2049ccm 27-33kw(37-45PS)	89→ 94→ 3	3		V1261N		+0,2d						
ENG F4L 1011 ENG F4L 1011 F Euro 1 2732ccm 36-46kw(49-63PS)	88→ 4	4	EX	V1262	0210 8184 0417 0899 0417 8158	34,9x8x124,7	45	3	VV506	0417 0164	8x15/12,03x48	G G
				V1262N		+0,2d						
ENG BF3M 1011 Euro 1 2185ccm 46kw(62PS)	94→ 3	91	IN	V1447	0428 0048 0428 0350	41,1x8x124,6	45	3	VV506	0417 0164	8x15/12,03x48	G G
ENG BF3M 1011 F 2185ccm 51kw(68PS)	99→ 3	3		V1447N5		+0,2d						
ENG PF4M 1011 F Euro 1 2912ccm 41-61kw(56-83PS)	88→ 4	4	EX	V1448	0428 0049	35,4x8x124,6	45	3	VV506	0417 0164	8x15/12,03x48	G G
				V1448N5		+0,2d						
ENG BF4L 1011 ENG BF4L 1011 Euro 1 ENG BF4L 1011 FT Euro 1 2732ccm 48-56kw(65-76PS)	89-94 94→ 94→ 4	91	IN	V1375	0417 0491	40,5x8x124,9	60	3	VV506	0417 0164	8x15/12,03x48	G G
				V1375N		+0,2d						
			EX	V1262	0210 8184 0417 0899 0417 8158	34,9x8x124,7	45	3	VV506	0417 0164	8x15/12,03x48	G G
ENG F2M 1011 Euro 1 1336ccm 21-23kw(29-31PS)	97→ 2	2		V1262N		+0,2d						
ENG F3M 1011 ENG F3M 1011 Euro 1 2189ccm 32-36kw(44-49PS)	94→ 94→ 3	3										
ENG F4M 1011 Euro 1 2914ccm 44-48kw(60-65PS)	94→ 4	4										
ENG BF4M 1012 Euro 1 3192ccm 47-65kw(64-88PS)	92→ 4	94	IN	V1399	0420 8095 0425 5216 0428 3374	41,7x8x124,7	60	3	VV543	0419 5708	8x15,03x52,8	G A4
ENG BF4M 1012 C Euro 1 3192ccm 70-82kw(95-112PS)	90→ 3	3										
ENG BF4M 1012 Euro 2 3192ccm 48-73kw(65-99PS)	95→ 4	4	EX	V1400	0420 8096 0425 5217 0428 3375	35,9x8x124,7	45	3	VV543	0419 5708	8x15,03x52,8	G A4

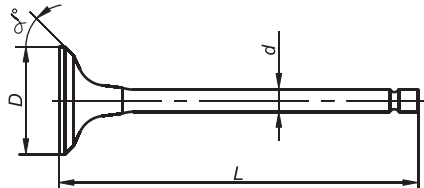
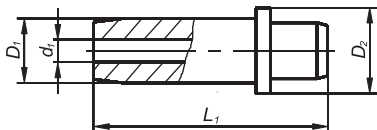
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1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG BF4M 1012 EC Euro 2 3192ccm 60-73kw(82-99PS)	95→ 4	IN	V1399	0420 8095	41,7x8x124,7	60	3	VV543	0419 5708	8x15,03x52,8	G A4
				0425 5216 0428 3374							
ENG BF6M 1012 Euro 1 ENG BF6M 1012 C Euro 1 ENG BF6M 1012 E Euro 2 ENG BF6M 1012 EC Euro 2 4788ccm 72-140kw(98-190PS)	97→ 92→ 95→ 99→	6 EX	V1400	0420 8096	35,9x8x124,7	45	3	VV543	0419 5708	8x15,03x52,8	G A4
				0425 5217 0428 3375							
ENG 4M 1012 Euro1 ENG 6M 1012 Euro1 3192/4788ccm 40-45kw(55-61PS)	92→ 92→										
ENG .F 1L 812 Tractor D15 850ccm 9kw(12PS)	63-67 1	IN	V216	415 3773 213 3731	43x8x133	45	1	VV04	223 2528	8x15,04x57,5 +0,05	G A12
			V384N V384N1 V384N2					VV04.1 VV04.2 VV04.3 VV04.4			
ENG . F 2L 812 Tractor D30/30S/2005/3005 1700ccm 18kw(28PS)	63-67 2	95 EX	V217	415 3696 337 1762	37x8x133	45	1	VV04	223 2528	8x15,04x57,5 +0,05	G A12
								VV04.1 VV04.2 VV04.3 VV04.4			
ENG . F 3L 812 Tractor D40L/40S/4005P/4505 2550ccm 26/29kw(35/40PS)	63-67 3	95	V385N V385N1 V385N2					VV04.3 VV04.4	223 3020 223 3021	+0,25 +0,50	
ENG . F 4L 812 Tractor D50S/5005/6005A 3400ccm 33/39kw(45/53PS)	63-67 4	95									
ENG . F 6L 712 5100ccm 66kw(90PS)	57-63 6	95									
ENG . F 6L 812 Tractor D8005/9005A 5100ccm 55/74kw(75/100PS)	63-67										
ENG TCD 2.9 L4 Tier 4 2900ccm	4	IN	V2309	4131597	41,5x8x112,4	60	3				
		EX	V2310	4131598	35,4x8x112,1	45	3				

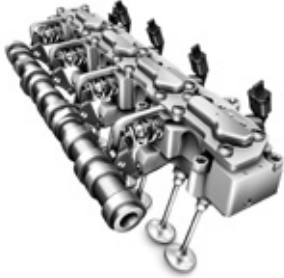
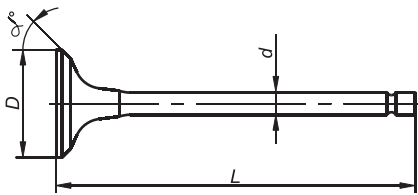
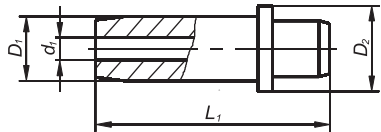
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1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG TCD 2010 L4 Euro 3 3470ccm 75kw(102PS)	96 4	IN	V2073	0412 2261 0412 2848	42x8x116,3	45	3				
		EX	V2074	0412 2262 0412 2849	35x8x116,3	45	3				
ENG BF 4M 2013 00→ Euro 3 3800ccm 125kw(170PS)	98 4	IN	V1935	0425 4232 0428 3378 0425 0137	34,7x8x114,1	60	3	VV545	0425 0073	8x13,04x40	G F
ENG BF 6M 2013 98→ Euro 3 5703ccm 92/118kw(125/160PS)	6	EX	V1936	0425 4233 0428 3379 0425 0138	33,4x8x157	45	3	VV546	0425 0074	8x13,04x58,3	G F
ENG BF 6M 2013C Euro 3 5703ccm 190kw(258PS)											
ENG TCD 2012 Euro 3 05→ 5700ccm 147kw(200PS)	98 6	IN	V2075	0428 4042	41,7x8x121,2	60	3				
		IN	V1971	0428 5985	44,5x8x121,2	60	3				
ENG BF 6M 2012 6000ccm 80/208kw(109/283PS)		EX	V2076	0428 4043	35,9x8x121,2	45	3				
		EX	V1972	0428 5986	38,8x8x121,2	45	3				
ENG BF 4M 2012 01→ Euro 2											
ENG BF 4M 2012 4000ccm 60/155kw(82/211PS)	98 4	IN	V1823	0425 4934 0425 4284	41,7x8x119,5	60	3				
ENG BF 6M 2012 6000ccm 80/208kw(109/283PS)	6	EX	V1824	0425 4285 0425 4935	35,9x8x119,5	45	3				
ENG BF 4M 2012 01→ Euro 2	101 4										

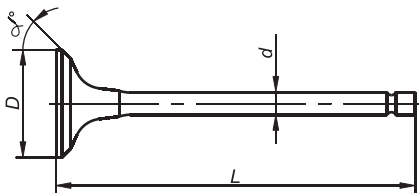
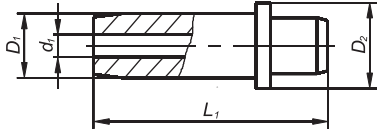
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG. F 2L 912D TractorD 2506/3006 1885ccm 28kw(38PS)	67-72 2	100 2	IN	V216 415 3773 213 3731	43x8x133	45	1	VV04 223 2528 VV04.1 +0,05 VV04.2 +0,10 VV04.3 223 3020 VV04.4 223 3021 +0,50	8x15,04x57,5	G A12	
ENG. F 3L 912D Tractor D4006A/4505A/4506A D5006A/5206A 2826ccm 40kw(59PS)	67-72 3	100 3	IN	V384 415 3629 213 7457 V384N +0,3S V384N1 +0,5S V384N2 +0,8S	43x8x133	45	1	VV04 223 2528 VV04.1 +0,05 VV04.2 +0,10 VV04.3 223 3020 VV04.4 223 3021 +0,50	8x15,04x57,5	G A12	
ENG. F 4L 912D Tractor D5506A/6006A/6206A/6806A 7006A/7206A/2003A/2003S 3768ccm 43/59kw(59/80PS)	67-72 4	100 4	IN	V1048 423 1479	45x8x133	45	3	VV04 223 2528 VV04.1 +0,05 VV04.2 +0,10 VV04.3 223 3020 VV04.4 223 3021 +0,50	8x15,04x57,5	G A12	
ENG. F 5L 912D Tractor DX 85/90 4712ccm 63/74kw(85/100PS)	67-72 5	100 5	IN					VV04 223 2528 VV04.1 +0,05 VV04.2 +0,10 VV04.3 223 3020 VV04.4 223 3021 +0,50			
ENG. F 6L 912D Tractor D2005A/7506A/8006A/ D9006A/10006A/DX110 5652ccm 59/82kw(80/112PS)	67-72 6	100 6	EX	V385 415 3696 223 2717 V385N +0,3S V385N1 +0,5S V385N2 +0,8S	37x8x133	45	1	VV04 223 2528 VV04.1 +0,05 VV04.2 +0,10 VV04.3 223 3020 VV04.4 223 3021 +0,50	8x15,04x57,5	G A12	
ENG. F 2L 912W 1884ccm 22kw(30PS)	72-92 2	100 2	IN	V384 415 3629 213 7457 V384N +0,3S V384N1 +0,5S V384N2 +0,8S	43x8x133	45	1	VV04 223 2528 VV04.1 +0,05 VV04.2 +0,10 VV04.3 223 3020 VV04.4 223 3021 +0,50	8x15,04x57,5	G A12	
ENG. F 3L 912W 2826ccm 37kw(50PS)	72-79 3	100 3	IN					VV04 223 2528 VV04.1 +0,05 VV04.2 +0,10 VV04.3 223 3020 VV04.4 223 3021 +0,50			
ENG. F 4L 912W 3768ccm 50kw(67PS)	72-92 4	100 4	EX	V385 415 3696 223 2717 V385N +0,3S V385N1 +0,5S V385N2 +0,8S	37x8x133	45	1	VV04 223 2528 VV04.1 +0,05 VV04.2 +0,10 VV04.3 223 3020 VV04.4 223 3021 +0,50	8x15,04x57,5	G A12	
ENG. F 5L 912W 4710ccm 61kw(83PS)	72-92 5	100 5	IN					VV04 223 2528 VV04.1 +0,05 VV04.2 +0,10 VV04.3 223 3020 VV04.4 223 3021 +0,50			
ENG. F 6L 912W 5652ccm 74kw(100PS)	72-92 6	100 6	EX					VV04 223 2528 VV04.1 +0,05 VV04.2 +0,10 VV04.3 223 3020 VV04.4 223 3021 +0,50			

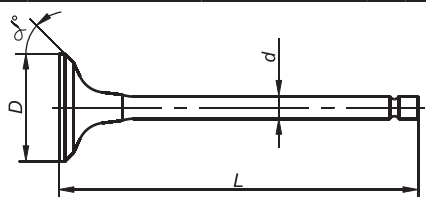
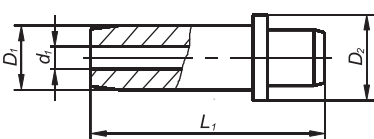
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG.F 1L 511W 825ccm	79→ 13kw(18PS)	100 1	IN	V384A V384N V384N1 V384N2	415 3631	43x8x133 +0,3S +0,5S +0,8S	45 1	VV04 VV04.1 VV04.2 VV04.3 VV04.4	223 2528 223 3020 223 3021	8x15,04x57,5 +0,05 +0,10 +0,25 +0,50	G A12
ENG.F 2L 511W 1650ccm	79→ 26kw(35PS)	100 2									
ENG. BF 6L 912 Turbo Tractor D8006A/10006A 5640ccm	71→ 100kw(136PS)	100 6	IN	V807	415 3455	43x8x133	60 1	VV04 VV04.1 VV04.2 VV04.3 VV04.4	223 2528 223 3020 223 3021	8x15,04x57,5 +0,05 +0,10 +0,25 +0,50	G A12
ENG.F 6L 913 6128ccm	74→ 96kw(130PS)										
ENG. BF 6L 913 Turbo Tractor 13006A/DX145/DX160 6120ccm	73→ 118kw(160PS)		EX	V385A V385N V385N1 V385N2	415 3697	37x8x133 +0,3S +0,5S +0,8S	45 1	VV04 VV04.1 VV04.2 VV04.3 VV04.4	223 2528 223 3020 223 3021	8x15,04x57,5 +0,05 +0,10 +0,25 +0,50	G A12
ENG. BF 6L 913 C-Turbo 6128ccm	80-92 131kw(178PS)										
ENG.F 3L 912 2830ccm	93→ 43kw(58PS)	100 3	IN	V650	423 0567	43x8x133	45 3	VV04 VV04.1 VV04.2 VV04.3 VV04.4	223 2528 223 3020 223 3021	8x15,04x57,5 +0,05 +0,10 +0,25 +0,50	G A12
ENG.F 4L 912 3770ccm	93→ 59kw(80PS)	100 4									
ENG.F 5L 912 4710ccm	93→ 74kw(101PS)	100 6	EX	V570	415 9137	37x8x133	45 3	VV04 VV04.1 VV04.2 VV04.3 VV04.4	223 2528 223 3020 223 3021	8x15,04x57,5 +0,05 +0,10 +0,25 +0,50	G A12
ENG.F 6L 912 5600ccm	93→ 88kw(120PS)										
ENG.F 3L 912W 2826ccm	93→ 37kw(50PS)	100 3	IN	V649	415 9138	43x8x133	45 3	VV04 VV04.1 VV04.2 VV04.3 VV04.4	223 2528 223 3020 223 3021	8x15,04x57,5 +0,05 +0,10 +0,25 +0,50	G A12
ENG.F 4L 912 3770ccm	93→ 59kw(80PS)	100 4									
ENG.F 5L 912W 4710ccm	93→ 61kw(83PS)	100 5	EX	V570	415 9137	37x8x133	45 3	VV04 VV04.1 VV04.2 VV04.3 VV04.4	223 2528 223 3020 223 3021	8x15,04x57,5 +0,05 +0,10 +0,25 +0,50	G A12
ENG.F 6L 912W 5652ccm	93→ 74kw(101PS)	100 6									

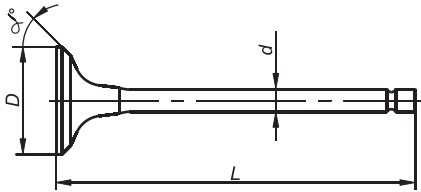
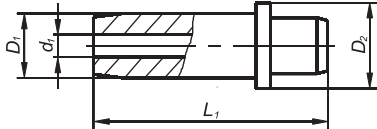
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG BF 4M 2012 Euro 2 4038ccm 74-93kw(101-126PS)	01→ 4	101 IN	V1823	0425 4284	41,7x8x119,5	60	3				
				0425 4934							
				0428 3376							
ENG BF 4M 2012 B Euro 3 4038ccm 52kw(71PS)	03→	EX	V1824	0425 4285	35,9x8x119,5	45	3				
				0425 4935							
				0428 3377							
ENG BF 4M 2012 C Euro 2 4038ccm 56-155kw(76-208PS)	03→	6									
ENG BF 6M 2012 C Euro 2 6067ccm 80-155kw(109-209PS)	03→	6									
ENG TCD 2012 L4 2V Euro 3 4038ccm 83-103kw(113-140PS)	04→ 4	101 IN	V2075	0428 4042	41,7x8x121,2	60	3				
				0428 5985							
ENG TCD 2012 L6 2V Euro 3 6057ccm 105-165kw(142-224PS)	04→ 6	EX	V2076	0428 4043	35,9x8x121,2	45	3				
				0428 5986							
ENG TCD 2012 L4 4V Euro 3 4038ccm 81kw(110PS)	04→ 4	101 IN	V2077	0450 0651	34,4x8x148,2	70	3				
				0450 2840							
		EX	V2078	0450 1941	33,2x8x147,9	60	3				
				0450 2841							
ENG. F 3L 913 3060ccm 44kw(60PS)	93→ 3	102 IN	V569	415 9136	43x8x133	45	3	VV04	223 2528	8x15,04x57,5	G A12
								VV04.1			
								VV04.2			
								VV04.3			
ENG. F 4L 913 4090ccm 64kw(87PS)	93→ 4	102 IN						VV04.4	223 3020	+0,25	
ENG. F 6L 913 6130ccm 96kw(130PS)	93→ 6	102 EX	V570	415 9139	37x8x133	45	3	VV04	223 2528	8x15,04x57,5	G A12
				415 9137				VV04.1			
								VV04.2			
								VV04.3			
								VV04.4	223 3021	+0,50	

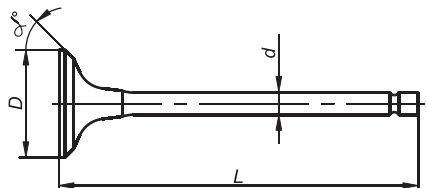
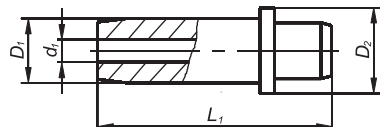
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
KLOECKNER-HUMBOLDT DEUTZ												
ENG. BF 4L 913C 4090ccm	93→ 92kw(125PS)	102 4	IN	V677	415 9140	43x8x133	60	3	VV04	223 2528	8x15,04x57,5	G
									VV04.1		+0,05	A12
ENG. BF 6L 913C 6130ccm	93→ 147kw(200PS)	102 6	IN	V1048	423 1479	45x8x133	45	3	VV04.2		+0,10	G A12
									VV04.3	223 3020	+0,25	
									VV04.4	223 3021	+0,50	
			EX	V570	415 9139 415 9137	37x8x133	45	3	VV04	223 2528	8x15,04x57,5	G
									VV04.1		+0,05	A12
									VV04.2		+0,10	
									VV04.3	223 3020	+0,25	
									VV04.4	223 3021	+0,50	
ENG. TD 226-6 6234ccm	92-96 99/125kw(135/170PS)	105 6	IN	V1937		42x9x117,2	60	3	VV548	1216 4633	9x16,5/15,05x58	G G
			EX	V1938	1215 9602 1216 5099	38x9x117	45	3	VV548	1216 4633	9x16,5/15,05x58	G G
ENG BF 4M 1013 Euro 1 4764ccm	94→ 63-93kw(85-127PS)	108 4	IN	V1525	0420 4014 0425 5254 0428 3380	48x9x139	60	3	VV359	420 1238	9x15,03x62,8	G A4
ENG BF 4M 1013 C Euro 1 4764ccm	90→ 99-125kw(135-168PS)		EX	V1526	0420 4015 0425 5255 0428 3381	42x9x139	45	3	VV359	420 1238	9x15,03x62,8	G A4
ENG BF 4M 1013 E Euro 2 4764ccm	97→ 71-95kw(97-129PS)											
ENG BF 4M 1013 EC Euro2 4764ccm	98→ 110-118kw(136-160PS)											
ENG BF 4M 1013 EW Euro2 4764ccm	99→ 81-130kw(110-177PS)											
ENG BF 6M 1013 Euro1 7146ccm	93→ 95-141kw(129-192PS)											

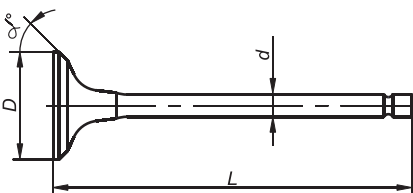
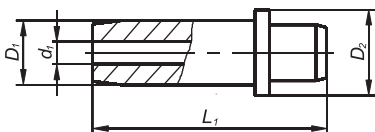
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER–HUMBOLDT DEUTZ											
ENG BF 6M 1013 C Euro1 99→ 7146ccm 144–235kw(196–320PS)	108 4	IN	V1525	0420 4014 0425 5254 0428 3380	48x9x139	60	3	VV359	420 1238	9x15,03x62,8	G A4
ENG BF 6M 1013 CP Euro1 92→ 7146ccm 161–190kw(219–258PS)		EX	V1526	0420 4015 0425 5255 0428 3381	42x9x139	45	3	VV359	420 1238	9x15,03x62,8	G A4
ENG BF 6M 1013 E Euro2 95→ 7146ccm 88–118kw(120–161PS)											
ENG BF 6M 1013 EC Euro2 98→ 7146ccm 92–191kw(125–260PS)											
ENG BF 6M 1013 ECW Euro2 99→ 7146ccm 123–195kw(165–261PS)											
ENG BF 6M 1013 ECP Euro2 98→ 7146ccm 147–195kw(200–265PS)											
ENG BF 6M 1013 EW Euro2 99→ 7146ccm 123–195kw(165–261PS)											
ENG BF 4M 1013 CP Euro1 98→ 4764ccm 100kw(136PS)											
ENG BF 4M 1013 ECW Euro2 99→ 4764ccm 105–130kw(143–177PS)											
ENG BF 4M 1013 FC Euro 2 01→ 4764ccm 133kw(181PS)	108 4	IN	V2079	0428 3708 0428 5263	48x9x135,5	60	3	VV359	420 1238	9x15,03x62,8	G A4
ENG BF 6M 1013 FC Euro 3 98→ 7146ccm 147–200kw(200–272PS)	6	EX	V2080	0428 3709 0428 5957	42x9x135,5	45	3	VV359	420 1238	9x15,03x62,8	G A4
ENG TCD 2013 L04 2V Euro 3 4764ccm 120–129kw(163–175PS)	4										
ENG TCD 2013 L6 2V Euro 3 7146ccm 157–200kw(214–272PS)	6										

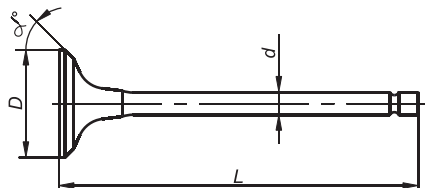
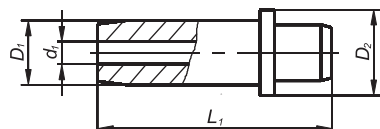
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG D5A-A TA Euro2 4764ccm 92-100kw(125-136PS)	02-08 4	108 4	IN	V1525	0420 4014 0425 5254 0428 3380	48x9x139	60 3	VV359	420 1238	9x15,03x62,8	G A4
ENG D5A-A AT Euro2 4764ccm 77-81kw(105-110PS)	02→		EX	V1526	0420 4015 0425 5255 0428 3381	42x9x139	45 3	VV359	420 1238	9x15,03x62,8	G A4
ENG D5A-B TA Euro2 4764ccm 92-100kw(125-136PS)	08→										
ENG D5A-T Euro2 4764ccm 72-95kw(98-129PS)	02-08										
ENG D5A-A TA Euro2 4764ccm 89-118kw(121-160PS)	02-08										
ENG TCD 2013 L06 4V Euro 3 7146ccm 147-243kw(200-330PS)		108 6	IN	V2081	0490 5791	38,2x8x145,8	70 3				
			IN	V1825	0490 0685 0490 3005	38,2x8x145,7	60 3				
			EX	V1826	0490 0686 0490 3006	35,9x8x145,7	45 3				
ENG. F 1L 514 1330ccm 13kw(18PS)	57→ 1	110 1	IN	V41	336 9307	44,6x12x170	45 15	VV54 VV54.1 VV54.2	336 5788 336 5790 336 5791	12x20/18,03x75 +0,25 +0,50	G G
ENG. F/A 2L 514 2660ccm 27kw(36PS)	57→ 2	110 2	EX	V42	336 9308	41,6x12x170	45 15	VV54 VV54.1 VV54.2	336 5788 336 5790 336 5791	12x20/18,03x75 +0,25 +0,50	G G
ENG. F/A 3L 514 3990ccm 40kw(54PS)	57→ 3	110 3									
ENG. F/A 4L 514 5322ccm 53kw(72PS)	57→ 4	110 4									
ENG. F/A 6L 514/614 7980ccm 81kw(110PS)	57→ 6	110 6									
ENG. F/A 8L 614 10640ccm 108kw(147PS)	57→ 8	110 8									

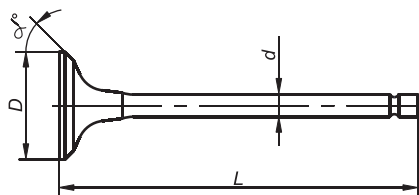
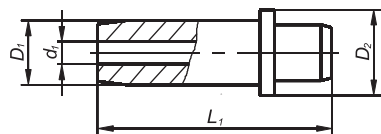
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG. A 12L 612 15960ccm	57→ 162kw(220PS)	110 12	IN	V41	336 9307	44,6x12x170	45 15	VV54 VV54.1 VV54.2	336 5788 336 5790 336 5791	12x20/18,03x75 +0,25 +0,50	G G G
ENG. F 6L 613 7412ccm	57→ 89kw(120PS)	110 V-6	EX	V42	336 9308	41,6x12x170	45 15	VV54 VV54.1 VV54.2	336 5788 336 5790 336 5791	12x20/18,03x75 +0,25 +0,50	G G G
ENG. F 1L 514 1330ccm	62→ 13kw(18PS)	110 1	IN	V09	335 8980 335 8982	44,6x10x170	45 1	VV11 VV11.1 VV11.2	335 8928 335 8930 335 8931	10x20/18,03x75 +0,25 +0,50	G G G
ENG. F/A 2L 514 2660ccm	62→ 27kw(36PS)	110 2	EX	V10	335 8981 335 8984	41,6x10x170	45 1	VV11 VV11.1 VV11.2	335 8928 335 8930 335 8931	10x20/18,03x75 +0,25 +0,50	G G G
ENG. F/A 3L 514 3990ccm	62→ 40kw(54PS)	110 3									
ENG. F/A 4L 514 5322ccm	62→ 53kw(72PS)	110 4									
ENG. F/A 6L 514/614 7980ccm	62→ 81kw(110PS)	110 6									
ENG. F/A 8L 614 10640ccm	62→ 108kw(147PS)	110 8									
ENG. A 12L 612 15960ccm	62→ 162kw(220PS)	110 12									
ENG. F 6L 613 7412ccm	62→ 89kw(120PS)	110 V-6									
ENG. F/A 6L 714 Saturn 145 9500ccm	59→ 107kw(145PS)	120 V-6									
ENG. F/A 8L 714 Pluto 201F-L 12667ccm	60→ 144kw(195PS)	110 V-12									
ENG. BF 12L 714 Turbo 19000ccm	62→ 230kw(313PS)										

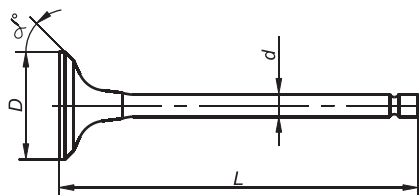
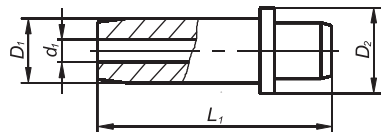
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG. F 6L 413 8480ccm 125/130kw(170/176PS)	68-80 V-6	120 IN	V313	414 6226 414 6225 240 2585	53,6x10x165	45	1	VV127 VV127N VV127.1	241 4268	10x18,2/16,05x95 +0,05 +0,25	G G
ENG. F 8L 914 M 230D 16-22-26 12667ccm 169kw(230PS)	68→ 8	120 EX	V314	241 2165	46,6x10x165,3	45	1	VV106 VV106N VV106.1	241 4263	10x18/16,05x83 +0,05 +0,25	G G
ENG. F 8L 413 11310ccm 132/170kw(180/232PS)	68-80 V-8	120						VV128 VV128N VV128.1		10x18/16,05x78 +0,05 +0,25	G G
ENG. F 10L 413 14702ccm 220/224kw(272/305PS)	68-80 V-10	120									
ENG. F 12L 413 16965ccm 240/250kw(326/340PS)	68-80 V-12	120									
ENG. F 6L 413 F/FR 9572ccm 130/141kw(177/192PS)	75-92 V-6	125 IN	V313	414 6226 414 6225 240 2585	53,6x10x165	45	1	VV17 VV17N VV17.1 VV17.2	214 8102 214 8104 214 8105	10x16,03x95 +0,05 +0,25 +0,50	G A1
ENG. F 8L 413 F 12763ccm 180kw(245PS)	75-92 V-8	125 EX	V314	241 2165	46,6x10x165,3	45	1	VV18 VV18N VV18.1 VV18.2	214 8103 214 8106 214 8107	10x16,03x83 +0,05 +0,25 +0,50	G A1
ENG. F 10L 413 F 15945ccm 224kw(305PS)	75-92 V-10	125									
ENG. F 12L 413 F 19140ccm 268kw(364PS)	75-92 V-10	125									
ENG. BF 6L 413 F-Turbo 9572ccm 177kw(240PS)	75→ V-6	125 IN	V313	414 6226 414 6225 240 2585	53,6x10x165	45	1	VV40 VV40N VV40.1 VV40.2	414 7322 414 7323 414 7324	10x19/16,05x95 +0,05 +0,25 +0,50	G G
ENG. BF 8L 413 F-Turbo 12763ccm 235kw(320PS)	75→ V-8	125									
ENG. BF 10L 413 F-Turbo 15945ccm 294kw(400PS)	75→ V-10	125 IN	V804	242 5052	53,6x10x165,7	60	1	VV40 VV40N VV40.1 VV40.2	414 7322 414 7323 414 7324	10x19/16,05x95 +0,05 +0,25 +0,50	G G
ENG. BF 12L 413 F-Turbo 19140ccm 353kw(480PS)	75→ V-12	125 EX	V314	241 2165	46,6x10x165,3	45	1	VV41 VV41N VV41.1 VV41.2	414 7327 414 7328 414 7329	10x19/16,05x78 +0,05 +0,25 +0,50	G G

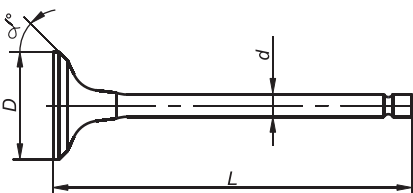
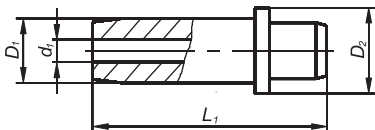
	CYL. Ø Nº	IN EX										
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1	2	3	4	5	6	7	8	9	10	11	12	
KLOECKNER-HUMBOLDT DEUTZ												
ENG. BF 6L 413 FRW 9572ccm	81-92 141kw(192PS)	120 V-6	IN	V313	414 6226 414 6225 240 2585	53,6x10x165	45	1	VV73 VV73N VV73.1 VV73.2	414 9844 414 9845 414 9846	10x19/16,05x90 +0,05 +0,25 +0,50	G G
ENG. BF 8L 413 FRW 12763ccm	81-92 180kw(245PS)	125 V-8	EX	V314	241 2165	46,6x10x165,3	45	1	VV74 VV74N VV74.1 VV74.2	414 9849 414 9850 414 9851	10x19/16,05x78 +0,05 +0,25 +0,50	G G
ENG. BF 10L 413 FRW 15953ccm	81-92 224kw(305PS)	125 V-10										
ENG. BF 12L 413 FRW 19140ccm	81-92 268kw(364PS)	125 V-12										
ENG. F 6L 513 10038ccm	85-92 86kw(117PS)	128 V-6	IN	V313	414 6226 414 6225 240 2585	53,6x10x165	45	1	VV40 VV40N VV40.1 VV40.2	414 7322 414 7323 414 7324	10x19/16,05x95 +0,05 +0,25 +0,50	G G
ENG. F 8L 513 13384ccm	85-92 114kw(155PS)	128 V-8	IN	V804	242 5052	53,6x10x165,7	60	1	VV40 VV40N VV40.1 VV40.2	414 7322 414 7323 414 7324	10x19/16,05x95 +0,05 +0,25 +0,50	G G
ENG. F 10L 513 16730ccm	85-92 143kw(195PS)	128 V-10										
ENG. F 12L 513 20076ccm	85-92 172kw(234PS)	128 V-12										
ENG. BF 6L 513 RC 9572ccm	89-92 122kw(166PS)	125 V-6	EX	V314A	214 8907	46,6x10x165,3	45	1	VV41 VV41N VV41.1 VV41.2	414 7327 414 7328 414 7329	10x19/16,05x78 +0,05 +0,25 +0,50	G G
ENG. BF 8L 513 12763ccm	89-92 137kw(186PS)	125 V-8										
ENG. BF 10L 513 15953ccm	89-92 172kw(234PS)	125 V-10										
ENG. BF 12L 513 19144ccm	89-92 206kw(280PS)	125 V-12										

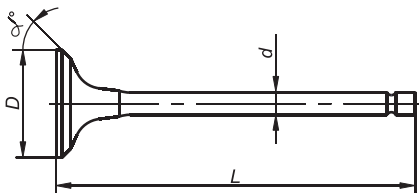
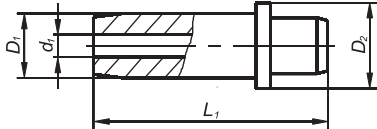
	CYL. Ø Nº	IN EX										
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1	2	3	4	5	6	7	8	9	10	11	12	
KLOECKNER–HUMBOLDT DEUTZ												
ENG. F 6L 413 F 9572ccm	93→ 130kw(170PS)	125 V-6	IN	V571	418 5770	53,6x10x165	45	4	VV40 VV40N VV40.1 VV40.2	414 7322 214 7323 214 7324	10x19/16,05x95 +0,05 +0,25 +0,50	G G
ENG. F 8L 413 F 12763ccm	93→ 180kw(245PS)	125 V-8	EX	V572	418 5461	46,6x10x165,3	45	4	VV41 VV41N VV41.1 VV41.2	414 7327 214 7328 214 7329	10x19/16,05x78 +0,05 +0,25 +0,50	G G
ENG. F 10L 413 F 15945ccm	93→ 224kw(305PS)	125 V-10										
ENG. F 12L 413 F 19140ccm	93→ 268kw(364PS)	125 V-12										
ENG. BF 6L 413 FW 9572ccm	93→ 141kw(192PS)	125 V-6	IN	V578	418 5463	53,6x10x165,8	60	4	VV40 VV40N VV40.1 VV40.2	414 7322 214 7323 214 7324	10x19/16,05x95 +0,05 +0,25 +0,50	G G
ENG. BF 8L 413 FW 12763ccm	93→ 180kw(245PS)	125 V-8	EX	V572	418 5461	46,6x10x165,3	45	4	VV41 VV41N VV41.1 VV41.2	414 7327 214 7328 214 7329	10x19/16,05x78 +0,05 +0,25 +0,50	G G
ENG. BF 10L 413 FW 15953ccm	93→ 224kw(305PS)	125 V-10										
ENG. BF 12L 413 FW 19140ccm	93→ 268kw(364PS)	125 V-12										
ENG. BF 6L 513 9572ccm	93→ 122kw(166PS)	125 V-6										
ENG. BF 8L 513 12763ccm	93→ 137kw(186PS)	125 V-8										
ENG. BF 10L 513 15953ccm	93→ 172kw(234PS)	125 V-10										
ENG. BF 12L 513 19144ccm	93→ 206kw(280PS)	125 V-12										

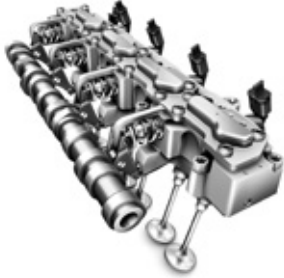
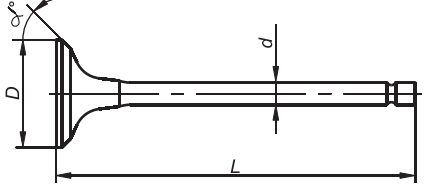
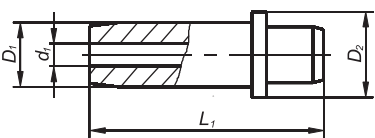
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
KLOECKNER-HUMBOLDT DEUTZ												
ENG. F 6L 513 10038ccm	93→ 86kw(117PS)	128 V-6	IN	V610	418 5462	56,6x10x165,5	45	4	VV40 VV40N VV40.1 VV40.2	414 7322 214 7323 214 7324	10x19/16,05x95 +0,05 +0,25 +0,50	G G
ENG. F 8L 513 13384ccm	93→ 114kw(155PS)	128 V-8										
ENG. F 10L 513 16730ccm	93→ 143kw(195PS)	128 V-10	EX	V572	418 5461	46,6x10x165,3	45	4	VV41 VV41N VV41.1 VV41.2	414 7327 214 7328 214 7329	10x19/16,05x78 +0,05 +0,25 +0,50	G G
ENG. F 12L 513 20076ccm	93→ 172kw(234PS)	128 V-12										
ENG. BF 6M 1015 Euro 2 1190ccm	98→ 228/341kw(310/464PS)	132 6	IN	V1631	422 6413 422 0143	46x8x133	60	3	VV505	422 0708	8x15,03x66	G F
ENG. BF 6M 1015C Euro 2 1190ccm	98→ 228/341kw(310/464PS)		EX	V1632	422 6412 422 0142	42x8x133	45	3	VV505	422 0708	8x15,03x66	G F
ENG. BF 6M 1015CP Euro 2 1190ccm	99→ 261/330kw(350/443PS)											
ENG. BF 6M 1015 CU 1190ccm	99→ 226/305kw(350/410PS)											
ENG. BF 8M 1015C Euro 2 15870ccm	90→ 304/454kw(414/617PS)	132 8	IN	V1631	422 6413 422 0143	46x8x133	60	3	VV505	422 0708	8x15,03x66	G F
ENG. BF 8M 1015CP Euro 2 15870ccm	99→ 294/440kw(400/538PS)		EX	V1632	422 6412 422 0142	42x8x133	45	3	VV505	422 0708	8x15,03x66	G F
ENG. 8M 1015M Euro 2 15870ccm	93→ 290/304kw(394/413PS)	132 8	IN	V1631	422 6413 422 0143	46x8x133	60	3	VV505	422 0708	8x15,03x66	G F
ENG. BF 6M 1015 CU 1190ccm	99→ 226/305kw(350/410PS)		EX	V1632	422 6412 422 0142	42x8x133	45	3	VV505	422 0708	8x15,03x66	G F

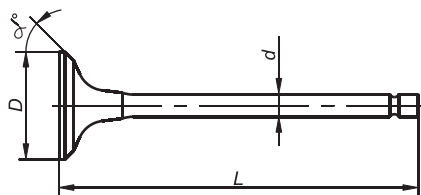
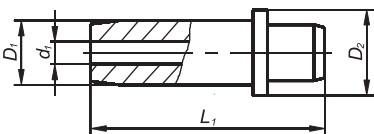
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG. TD 2015 V6 Euro 3 11190ccm 360kw(489PS)	132 6	IN	V1631	422 6413 422 0143	46x8x133	60	3	VV505	422 0708	8x15,03x66	G F
		EX	V1632	422 6412 422 0142	42x8x133	45	3	VV505	422 0708	8x15,03x66	G F
ENG. TD 2015 V8 Euro 3 15900ccm 500kw(680PS)											
ENG. BF6M 1015 90→ Euro 1 11910ccm 187/250kw(255/340PS)	136 6	IN	V1631	422 6413 422 0143	46x8x133	60	3	VV505	422 0708	8x15,03x66	G F
ENG. BF8M 1015 93→ Euro 2 15870ccm 290/304kw(394/413PS)	132 8	EX	V1632	422 6412 422 0142	42x8x133	45	3	VV505	422 0708	8x15,03x66	G F
KOMATSU											
ENG. SGD-155-4 D 159		IN	V517	6127 41 4113 5021 3800	56,2x11x212,5	60	1				
		EX	V518	6127 41 4214	53,1x11x212,5	45	1				
KÜHLA AUTOMAT											
ENG. 12 KVD 21-3	180 12	IN	V503	489298 142	65x14x260	60	7	VV49	485098 016	14x22,03x98	G A1
		EX	V504	489298 144	65x14x206	60	7	VV50	485098 017	14x22,03x75	G A1
KUBOTA											
		IN	V2215		26x6x76,8	45	1				
		EX	V2216		22,5x6x76,8	45	1				
NEW		IN	V2411		31x7x89,5	45	8				
		EX	V2412		27,5x7x89,5	45	8				
V3003	4	IN	V2319	1C01013113	30,9x7x101,2	60	8				
		EX	V2320	1C01013122	34x8x112,5	45	1				
D1105 V1505	3	IN	V2321	1G67313110	31x7x89,7	60	8				
	4	EX	V2322	1G67313120	27,5x7x89,8	45	8				

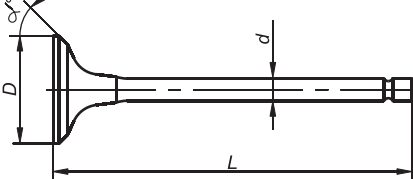
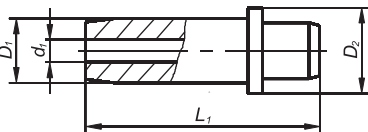
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
KUBOTA												
Z 75		IN	V1677		32,9x8x100,9	45	1					
		EX	V1678									45
V2403	4	IN	V2181	1G89613110	33,4x8x102,3	60	1					
		EX	V2182	1G89613120	28,5x8x102,2	45	1					
LADA												
1200 VAZ 1011/2101/2102 1198ccm 44/46kw(60/62PS)	72→	76 4	IN	V223	2101-1007010 4 183 269	37x8x113	45	1	VV71 VV71.1 VV71.2	2101-1007032	8x14,04x42,5 +0,07 +0,22	G F1
1300 VAZ 21011/21033 1294ccm 48/52kw(65/70PS)	74→	79 4	EX	V224	2101-1007012 4 183 270	31,5x8x113	45	1	VV72 VV72.1 VV72.2	2101-1007033	8x14,04x49 +0,07 +0,22	G F1
1500 VAZ 2103 1451ccm 55/57kw(75/77PS)	73→	76 4										
1600 VAZ 2106/2107/2121	74→											
NIVA 4x4 VAZ 2106/2107/2121 1568ccm 58kw(78PS)	74→											
Samara 1.1 Eng. 2108.1 1099ccm 41kw(55PS)	90→	76 4	IN	V457	21081-1007010 46 600 982	35x8x104	45	3	VV121	2108-1007032	8x14,04x37,5	G F1
Samara 1.3 Eng. 2108 1288ccm 48kw(65PS)	89→		EX	V458	2108-1007012 46 601 013	31,5x8x104	45	3	VV121	2108-1007032	8x14,04x37,5	G F1
Samara 1.5 Eng. 2108.3 1499ccm 55kw(75PS)	89→	82 4	IN	V770	2108-1007010	37x8x104	45	3	VV121	2108-1007032	8x14,04x37,5	G F1
			EX	V458	2108-1007012 46 601 013	31,5x8x104	45	3	VV121	2108-1007032	8x14,04x37,5	G F1

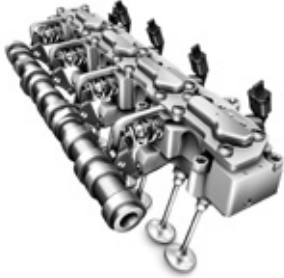
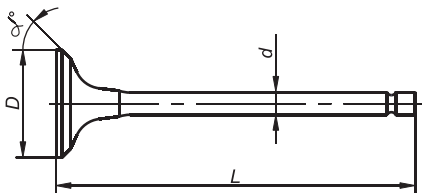
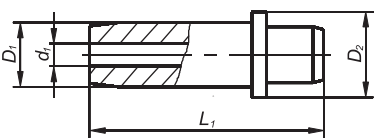
	CYL. Ø №	IN EX										
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1	2	3	4	5	6	7	8	9	10	11	12	
LADA												
110 1.5 16V 111, 112 1.5 16V Eng. VAZ-2112 1499ccm 56/57kw(76/78PS) Niva 1.7 MPi 16V 1690ccm	96→ 95→	82 4	IN	V1049	2112-1007010	29,3x7x96,2	45	3	VV336 VV336N	2101-12214	7x12,07x39 +0,05	B F
			EX	V1050	2112-1007012	25,5x7x97,2	45	3	VV336 VV336N	2101-12214	7x12,07x39 +0,05	B F
110 2.0i 16V Eng. C20 XE 4V 1998ccm 110kw(150PS)	96→	86 4	IN	V835	642 758	33x7x105	45	3	VV207		7x13,04x41	G F1
			EX	V836	642 858	29x7x105	45	3	VV207		7x13,04x41	G F1
LADA DIESEL												
Samara 1.5D Eng. TUD5 1527ccm 42kw(57PS)	95→	77 4	IN	V1089	0948.74	37x7x108,5	45	1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F
			EX	V1090	0949.80	31,5x7x108,2	45	1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F
Niva 1.9D 4x4 Eng. XUD 9A 1905ccm 47/52kw(64/71PS)	93→	83 4	IN	V721 V721N1 V721N3	0948.59	38,5x8x112,4 +0,5S +1,0S	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,20	B A
			EX	V710 V710N1 V710N3	0949.73	33x8x111,9 +0,5S +1,0S	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,20	B A
			EX	V722 V722N1 V722N3	0949.60	33x8x111,9 +0,5S +1,0S	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,20	B A

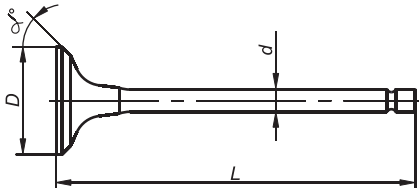
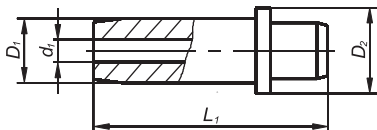
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1	2	3	4	5	6	7	8	9	10	11	12
LADA DIESEL											
Niva 1.9TD 4x4 Eng. XUD 9SD 1905ccm 51/55kw(71/75PS)	99→	83 4	IN	V721A V721N1 V721N3	0948.63	38,5x8x112,4 +0,5S +1,0S	45 1	VV187 VV187.1		8x14,06x48 +0,05	B F
			EX	V710 V710N1 V710N3	0949.73	33x8x111,9 +0,5S +1,0S	45 1	VV187 VV187.1		8x14,06x48 +0,05	B F
			EX	V722 V722N1 V722N3	0949.60	33x8x111,9 +0,5S +1,0S	45 1	VV187 VV187.1		8x14,06x48 +0,05	B F
LANCIA											
A112 Lx 1.0 Elegant, Elite, Junior Eng. 112A/B1.054 965ccm 35kw(48PS)	77→85	67,2 4	IN	V257	4 265 695 5 959 654	29x7x95,3	45 1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
			EX	V258	4 377 979 5 959 563	26x7x95,7	45 1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
Y 10 Fire 1.0 Eng. 156 A2.000 Y 10 4WD Fire 1.0 Eng. 156 A3.000 999ccm 33/37kw(45/50PS)	85→ 86→	70 4	IN	V731	7 666 228	30,4x7x97,1	45 1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
			EX	V732	7 666 227	27,5x7x97,2	45 1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
Y 10 Selectronic 1.1 Eng. 156 C.000 Y 10 1.1 Elefantino Blu Eng. 176. B2.000 Eng. M 609. MA. 11C Y 1.1 Eng. 176 B2.000 1108ccm 40/42kw(54/57PS)	89→ 96→ 98→		EX	V732	7 666 227	27,5x7x97,2	45 1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F

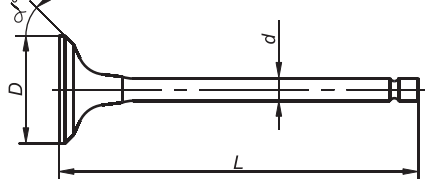
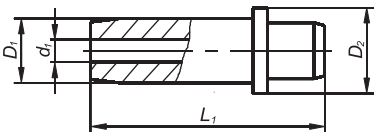
											
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LANCIA											
Y10 1.1ie Y 1.1ie Eng. 176 B2.000 1108ccm 40kw(54PS)	95→ 96→	70 4	IN 	V1079 7 770 334 46436048	31,5x7x97,1	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
Y 1.2ie Ypsilon 1.2ie Eng. 840 A3.000/188 A4.000 Up to eng. N.2533527 1242ccm 44kw(60PS)	96→ 03→	70,8 4	EX 	V732 7 666 227 46514754	27,5x7x97,2	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
Ypsilon 1.2i.e. Eng. 188 A4.000 From eng. N.2533528 1242ccm 59/63kw(80/86PS)	03→	70,8 4	IN 	V1555 55194993	31,9x5x98,4	45	3	VV377 VV377.1 VV377.2	55190559 55190560	5x10,06x44 +0,03 +0,23	G F
			EX 	V1556 55194994	27,3x5x98,7	45	3	VV377 VV377.1 VV377.2 VV533 BRONZE VERSION	55190559 55190560	5x10,06x44 +0,03 +0,23	G F B F
Y 1.2i.e. 16V Eng. 176 B9.000 Y 1.2i.e. 16V Ypsilon 1.2i.e. 16V Eng. 188 A5.000 Up to eng. N.985540 1242ccm 59/63kw(80/86PS)	97→ 00-03 03→	70,8 4	IN 	V1007* 46403681 * Retainer s.e. 7,8 mm	26,9x6x95,2	45	3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
Ypsilon 1.4i.e. 16V Musa Y 1.4i.e. 16V Eng. 843 A1.000 Up to eng. N.984712 1368ccm 70kw(95PS)	03→ 04-06	72 4	EX 	V1008* 46471639 * Retainer s.e. 7,8 mm	22,4x6x96	45	3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F

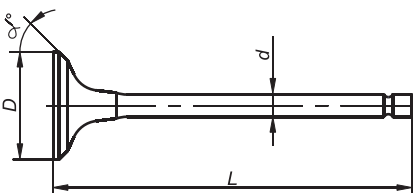
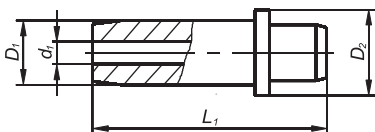
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
LANCIA												
New Y 1.2 16V Ypsilon 1.2 16V Eng. 188 A5.000 N° 985541 1248ccm 59kw(80PS)	97→03 03→	70,8 4	IN	V1451* * Retainer s.e. 2,5 mm	55185028	26,9x6x95,2	45	3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
Musa 1.4 16V Ypsilon 1.4 16V Eng. 843 A1.000 Up to eng. N.984713 1368ccm 66/70kw(90/95PS)	04→ 03→		EX	V1452* * Retainer s.e. 2,5 mm	55185080	22,4x6x94,7	45	3	VV259 VV259.1 VV259.2 VV527 BRONZE VERSION	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F B F
Nuova Delta 1.4 T 16V Eng. 198 A4.000 1368ccm	08→	72 4	IN	V1451* * Retainer s.e. 2,5 mm	55185028	26,9x6x95,2	45	3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
			EX	V1452* * Retainer s.e. 2,5 mm	55206223	22,4x6x94,7	45	3	VV259 VV259.1 VV259.2 VV527 BRONZE VERSION	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F B F
Delta 1.4 GPL Eng. 198 A4.000 1368ccm	11→	72 4	IN	V2021	55225886	26,8x6x95,2	60	3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
			EX	V2022	55225887	23x6x94,9	60	3	VV259 VV259.1 VV259.2 VV527 BRONZE VERSION	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F B F
Musa 1.4i.e. Ypsilon 1.4i.e. Eng. 350 A1.000 1368ccm 57kw(78PS)	05→ 04→	72 4	IN	V1621	55194219	33,2x5x99,9	45	3	VV377 VV377.1 VV377.2	55190559 55190560	5x10,06x44 +0,03 +0,23	G F
			EX	V1622	55200422	28x5x100,5	45	3	VV377 VV377.1 VV377.2 VV533 BRONZE VERSION	55190559 55190560	5x10,06x44 +0,03 +0,23	G F B F

											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LANCIA											
Delta 1.4i.e. Eng. 836 A4.000/160 A1.046 1372ccm 51kw(69PS)	93→ 80,5 4	IN	V411	7 609 772 46531590	37,5x8x108,5	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Dedra 1.6i.e. Eng. 159 B9.000 1581ccm 66kw(90PS)	94→ 80,5 4	EX	V153	4 314 869	31x8x109	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Ypsilon 0.9 Twin Air Eng. 312 A2.000 875ccm	12→ 80,5 2	IN	V2023	55229666	30,15x5x95,5	45	3				
		EX	V2024	55231897	25,4x5x95,3	45	3				
Dedra 1.6ie 16V Eng. 182 A4.000 1596ccm	96→99 80,5 4	IN	V825	46517325 46462158	30,3x7x102,5	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
		EX	V826	46462159 46461209	29,8x7x102,8	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
Libra 2.0i 20V Kappa LI 2.0 20V Eng. M648.AA.19C Eng. 838 A1.000 Eng. 175 A3.000 1998ccm 107/114kw(145/155PS)	99→ 82	IN	V963	7 735 898 60812982	30x7x113	45	3	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
	94→ 5	EX	V964	7 735 899 60812981	26x7x108,5	45	3	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F

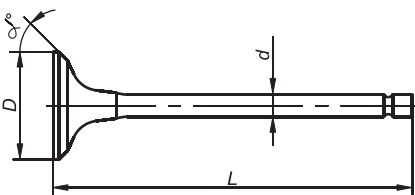
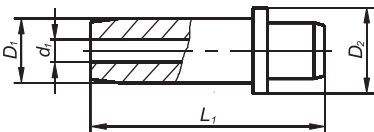
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LANCIA											
Y 1.4i.e. 12V 96→ Eng. M634.AA.14T Eng. 840 A2/A3.000 1371ccm 55/59kw(75/80PS)	82 4	IN	V727	7 712 114	30,3x7x110,4	45	1	VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
		EX	V728	46413334	35,5x7x110,4	45	1	VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
Delta/Delta LE, GT, HPE 1.7 16V 96→ Dedra/Dedra GT, HPE 1.7 16V 96→ Eng. 182 A1.000, 181 A1.000 Libra SW 1.7 16V 99→ Eng. 839 A4.000, 839 A7.000 1747ccm 96kw(131PS)	82 4	IN	V729	7 766 564	33,5x7x113	45	3	VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
		EX	V730	7 766 565 60674496	28x7x108,4	45	3	VV70	4 265 699	7x13,01x42,5	G
								VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
Kapa SW 2.0i.e. 20V 96→ Eng. 838 A6.000 Libra SW 2.0i.e. 20V 99→ Eng. 182 B7.000, 185 A8.000 1998ccm 113kw(154PS)	82 5	IN									
		EX									
Thesis 2.0i.e. 20V Turbo 96→ Eng. 841 E.000 1998ccm 136kw(185PS)	83 5	IN									
		EX									
Kapa LS/LX Coupe 2.4i.e. 20V 94→ Eng. 838 A2.000, 838 B2.000 Thesis 2.4i.e. 20V 00→ Eng. 841 D.000 2446ccm 125/129kw(170/175PS)	83 5	IN									
		EX									

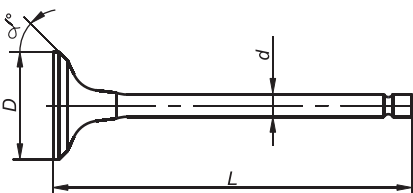
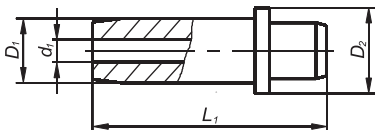
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LANCIA											
Delta 1.8i.e. LE Dedra 1.8i.e. LE, LS Eng. M610 LA. 18C 1756ccm	93→ 94→	84 4	IN	V705 7 574 379 7 722 907	34,4x7x128	45	1	VV267 VV267.1 VV267.2 VV267.3	7 616 998 7 616 992 7 616 993 7 616 994	7x14,04x51,3 +0,03 +0,08 +0,18	G F
Thema i.e. 2.0 16V Eng. 834 B2.000 1995ccm 110kw(150PS)	89→		EX	V706 7 598 073 7 650 916 7 574 742	28,5x7x125,7	45	1	VV267 VV267.1 VV267.2 VV267.3	7 616 998 7 616 992 7 616 993 7 616 994	7x14,04x51,3 +0,03 +0,08 +0,18	G F
Delta 2.0 HF 16V Turbo 4WD Nuova Delta 20 Turbo 16V Eng. 836 A2.000 1995ccm 142/155kw(193/211PS)	87-91 93→							VV544	BRONZE VERSION	7x14,04x51,3	B F
Delta 2.0 16V Dedra 2000 16V Thema 2.0 16V Eng. 836 A3.000 Eng. 834 F1.000 1995ccm 102/114kw(139/155PS)	94→ 94→ 92→										
Kappa LS, LX, Coupe LS 2.0 16V Eng. 838 A4.000 Turbo 1995ccm 151kw(205PS)	96→										
Delta FL 83 1.6i.e. Prisma GT 1.6i.e. Eng. 831 A4.000/831 B3.000 1585ccm 103kw(140PS)	84→ 84→	84 4	IN	V945 7 547 400 4 440 061 46406169	43,5x8x105,6	45	1	VV273 VV273.1 VV273.2	4 250 801 4 371 508 4 250 802	8x14,07x42 +0,03 +0,18	G F
Delta 1.8i.e. Dedra 1.8i.e. Eng. 159 A4.000/835 A2.000/835 C2.000 1756ccm 76/79/81kw(103/107/110PS)	94-99 89→		EX	V946 5 975 341 7 597 080 5 973 041	36,2x8x105,9	45	1	VV273 VV273.1 VV273.2	4 250 801 4 371 508 4 250 802	8x14,07x42 +0,03 +0,18	G F
Dedra 2.0i.e. Eng. 154 A2.000/835 A5.000 Prisma 4WD 2.0i.e. Eng. M407 BA. 20.0 Thema 2.0i.e. Eng. 834 B.000/831 B5.000 1995ccm 83/85/88kw(113/115/120PS)	90→ 87→ 84→										

	CYL. Ø Nº	IN EX													
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE				
1	2	3	4	5	6	7	8	9	10	11	12				
LANCIA															
Dedra 2.0i.e. T. 89→	84	IN	V945	7 547 400	43,5x8x105,6	45	1	VV273	4 250 801	8x14,07x42	G				
Delta 4WD 2.0i.e. 87→	4			4 440 061				VV273.1	4 371 508	+0,03	F				
Eng. 835 A8.000/831 B5.000				46406169				VV273.2	4 250 802	+0,18					
1995ccm 121kw(165PS)		EX		V946				5 975 341	36,2x8x105,9	45	1	VV273	4 250 801	8x14,07x42	G
Dedra HF/HF 4x4 2.0 TDi.e. 91→								7 597 080				VV273.1	4 371 508	+0,03	F
Thema 2.0 TDi.e. 90→								5 973 041				VV273.2	4 250 802	+0,18	
Eng. 154 C4. 046/M407 CT 20.C															
Delta 4WD 2.0TDi.e. 85→															
Eng. M407 BT. 20.0/831 B5.000															
Thema/Cambio 2.0 TDi.e. 85→															
Eng. 834 C. 000/M601 A4. 20.007															
1995ccm 121/130kw(165/177PS)															
Dedra 2.0i.e. 8V 90→															
Eng. 835 A2.000															
1995ccm 85/88kw(115/120PS)															
Prisma 1.6i.e. GT 84-89															
Eng. 138 AR2.000															
1585ccm															
Prisma 2.0 4WD 87→															
Eng. M407 BA.200/831 B4.000															
1995ccm 85kw(115PS)															
Thema LS 2.0 16V Turbo 92→	84	IN	V1389	7 687 459	27,5x7x128	45	1	VV267	7 616 998	7x14,04x51,3	G				
Eng. 834 F2.000 Turbo	4			VV267.1				7 616 992	+0,03	F					
1995ccm 148kw(201PS)				VV267.2				7 616 993	+0,08						
				VV267.3				7 616 994	+0,18						
		EX	V1390	7 687 460	29,5x7x125,5	45	1	VV267	7 616 998	7x14,04x51,3	G				
				VV267.1				7 616 992	+0,03	F					
				VV267.2				7 616 993	+0,08						
				VV267.3				7 616 994	+0,18						
Phedra 2.0 16V 02→	85	IN	V1091	96239503	33,3x6x106,2	45	1	VV339	02130.12	6x12,07x40	B				
Zeta 2.0 16V 00→	4										VV339N	+0,05	F		
Eng. EW10J4-RFN															
1997ccm 100kw(136PS)		EX	V1092	96360017	28,9x6x103,6	45	1	VV340	02130.13	6x12,07x40	G				
											VV340N	+0,05	F		

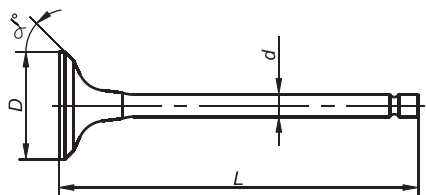
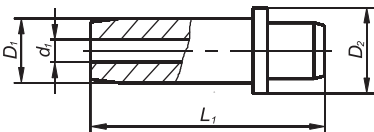
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LANCIA											
Zeta 2.0i.e Turbo Phedra 2.0i.e. Turbo Eng. XU10J2 CTE AD5 – RGX 1998ccm 108kw(147PS)	86 4	IN	V997	96059361	42,6x8x108,8	45	3	VV239 VV239.1 VV239.2		8x13,08x43,6 +0,05 +0,20	B F
			EX	V998	96117828 96147032	34,5x8x108,4	45	3	VV240 VV240.1 VV240.2	8x13,08x50,6 +0,05 +0,20	B F
			V909*	91540748 0948.75	34,6x7x106,4	45	3	VV244 VV244.1	0221.19	7x12,08x40 +0,05	B F
			EX	V910*	91540782 0949.81	29,6x7x105,7	45	3	VV244 VV244.1	0221.19	7x12,08x40 +0,05
Zeta 2.0i.e. 16V Phedra 2.0 i.e. 16V Eng. XU10J4R–RFX →No 07358 1998ccm 97/100kw(132/136PS)	86 4	IN	V1183	96289433	34,6x6x106,3	45	1	VV317 VV317.1	0221.25	6x12,06x40,8 +0,05	B F
		EX	V1184	96298611	29,6x6x105,7	45	1	VV318 VV318.1	0221.24	6x12,06x40,8 +0,05	G F
Delta 1300 Prisma 1300 Eng. 831 A2.000 1301ccm 57/58kw(75/79PS)	86,4 4	IN	V152	4 460 697 4 239 917	36x8x108,5	45	1	VV69	4 250 803	8x14,06x46,5	G
								VV69.1	4 372 160	+0,03	F
								VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
		EX	V412	5 973 128 4 315 062	31x8x109	45	1	VV69.4	4 372 162	+0,23	
								VV69	4 250 803	8x14,06x46,5	G
								VV69.1	4 372 160	+0,03	F
								VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
								VV69.4	4 372 162	+0,23	

			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LANCIA											
Dedra 1.6i.e. 16V Delta 1.6i.e. 16V Libra 1.6i.e. 16V Eng. 182 A4.000-182 B6.000 Eng. 182 A6.000 1581ccm 76kw(103PS)	96→	86,4	IN	V825	46462158	30,3x7x102,5	45 1	VV70	4 265 699	7x13,01x42,5	G
	96→	4			46517325			VV70.1	4 372 331	+0,05	F
	99→							VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
Dedra SW 1.8 16V Dedra GT 1.8 16V Eng. 183 A1/A2.000 1747ccm 83/96kw(113/131PS)	90→		EX	V826	46462159	29,8x7x102,8	45 1	VV70	4 265 699	7x13,01x42,5	G
	96→				46461209			VV70.1	4 372 331	+0,05	F
								VV70.2	4 372 332	+0,10	
								VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
Delta 1500 Delta 1500 FL 83 Prisma 1500 Eng. 831 A1.000 Delta L83 OA 50 1.5 Prisma OA 50 1.5 Eng. 138.C2.048 1498ccm 59/62kw(80/85PS)	79→	86,4	IN	V152	4 460 697	36x8x108,5	45 1	VV69	4 250 803	8x14,06x46,5	G
	79→	4			4 239 917			VV69.1	4 372 160	+0,03	F
	82→							VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
	79→			V506	5 973 129 7 565 813	33,2x8x109	45 1	VV69.4	4 372 162	+0,23	
	83→		EX					VV69	4 250 803	8x14,06x46,5	G
								VV69.1	4 372 160	+0,03	F
								VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
								VV69.4	4 372 162	+0,23	
Dedra 1.6 Spi (Weber) Eng. 835 A1.000 Delta 6 1.6 1581ccm 66kw(90PS)	89→	86,4	IN	V735	7 617 500	39,5x8x108,5	45 1	VV69	4 250 803	8x14,06x46,5	G
		4						VV69.1	4 372 160	+0,03	F
	89→							VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
								VV69.4	4 372 162	+0,23	
			EX	V412	5 973 128 4 315 062	31x8x109	45 1	VV69	4 250 803	8x14,06x46,5	G
								VV69.1	4 372 160	+0,03	F
								VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
								VV69.4	4 372 162	+0,23	

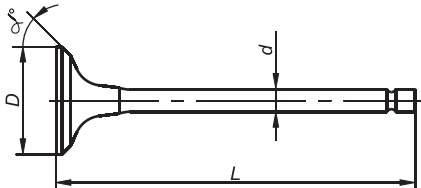
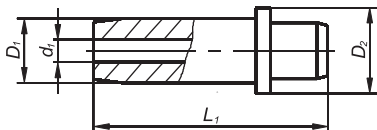
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LANCIA											
Dedra 1.6 Spi (Bosch) 89→ Eng. 835 A1.000 1581ccm 66kw(90PS)	86,4 4	IN	V411	7 609 772 46531590	37,5x8x108,5	45	1	VV69	4 250 803	8x14,06x46,5	G
								VV69.1	4 372 160	+0,03	F
								VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
								VV69.4	4 372 162	+0,23	
		EX	V506	5 973 129 7 565 813	33,2x8x109	45	1	VV69	4 250 803	8x14,06x46,5	G
								VV69.1	4 372 160	+0,03	F
								VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
								VV69.4	4 372 162	+0,23	
Phedra 3.0 24V 03→ Eng. ES9J4S-XFX 2946ccm 150kw(204PS)	87 V6	IN	V1247	96304413 0948.A5	35x6x108,4	45	1	VV201	0220.95	6x11,08x40	B
								VV201.1		+0,05	F
		EX	V1248	96401813 0949.A5	30,5x6x106,9	45	1	VV201	0220.95	6x11,08x40	B
								VV201.1		+0,05	F
Kapa 3.0 V6 24V 95→ Kapa Coupe 3.0 V6 24V 97→ Eng. 841 A1.000/838 B.000 Thesis 3.0 V6 24V 01→ Eng. 838 A.000 2959ccm 150/158kw(204/215PS) Thesis 3.2 V6 24V 03→ Eng. 841 A/L.000 3179ccm 169kw(230PS)	93 V6	IN	V1181	608 10 666 605 60 643	35,6x7x102,1	45	3	VV403	606 12 839	7x12,07x38	G
								VV403.1		+0,03	F
		EX	V1182	608 10 667 605 60 644	31,1x7x102,3	45	3	VV404	606 12 835	7x12,07x43	G
								VV404.1		+0,03	F
LANCIA DIESEL											
Ypsilon 1.3 JTD 16V 03→ Musa 1.3 JTD 16V 03→ Eng. 188 A9.000 1248ccm 51kw(69PS) Ypsilon 1.3 MJT 16V 03→ Eng. 199 A2/A3.000 1248ccm 55/77kw(75/105PS)	69,6 4	IN	V1413	46518930	21,7x6x109,2	45	3	VV391	46816601	6x10,03x43,2	G
								VV391.1	46816602	+0,03	F3
		EX	V1414	46518931	21,7x6x109,2	45	3	VV391.2	46816604	+0,23	
								VV391	46816601	6x10,03x43,2	G
								VV391.1	46816602	+0,03	F3
VV391.2	46816604	+0,23									

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
LANCIA DIESEL												
Ypsilon 1.3 16V MJ Musa 1.3 16V MJ Eng. Euro 5 1242ccm	09→ 09→	69,6 4	IN EX	V1873 V1874	55204574 55223836	22,45x6x109,2 22,5x6x109,2	45 45	3 3	VV391 VV391.1 VV391.2 VV391 VV391.1 VV391.2	46816601 46816602 46816604 46816601 46816602 46816604	6x10,03x43,2 +0,03 +0,23 6x10,03x43,2 +0,03 +0,23	G F3 G F3
Musa 1.6 MJT 16V Delta 1.6 MJT 16V Eng. 350 A2/A3.000 1598ccm 77kw(105PS)	08→ 08→	79,5 4	IN EX	V1680 V1596	55205125 55223836	26,5x5x114,4 24,5x5x114,4	45 45	3 3	VV437 VV437.1 VV437.2 VV437 VV437.1 VV437.2	55210016 55210015 55210017 55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23 5x10,04x46,7 +0,03 +0,23	G A G A
Nuova Delta 1.9 MJT Eng. 844 A1.000 1910ccm	08→	82 4	IN EX	V1595* * Retainer s.e. 4,9 mm V1596* 55205183 55207955 * Retainer s.e. 5,9 mm	55206431 55205183 55207955	27,9x5x114,4 24,5x5x114,4	45 45	3 3	VV437 VV437.1 VV437.2 VV437 VV437.1 VV437.2	55210016 55210015 55210017 55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23 5x10,04x46,7 +0,03 +0,23	G A G A
Libra 1.9 JTD Musa 1.9 JTD Eng. AR 32302/188 B2.000 1910ccm 74/77kw(101/105PS)	99→ 04→	82 4	IN EX	V1033 V1034	608 14 605 46750859 608 14 604 46764378	35,5x8x115 34,5x8x115	45 45	3 3	VV260 VV260.1 VV260.2 VV260.3 VV260.4 VV260 VV260.1 VV260.2 VV260.3 VV260.4	7 565 472 46 433 782 46 433 783 7 565 473 46 433 784 7 565 472 46 433 782 46 433 783 7 565 473 46 433 784	8x14,04x43 +0,03 +0,08 +0,18 +0,23 8x14,04x43 +0,03 +0,08 +0,18 +0,23	G F G F
Libra 2.4 JTD 10V Kappa 2.4 JTD 10V Eng. M722 MT. 24T Eng. 839 A5/A6.000-841 C.000 2387ccm 100kw(136PS)	99→ 98→	82 5	EX	V1034	608 14 604 46764378	34,5x8x115	45	3	VV260 VV260.1 VV260.2 VV260.3 VV260.4	7 565 472 46 433 782 46 433 783 7 565 473 46 433 784	8x14,04x43 +0,03 +0,08 +0,18 +0,23	G F
Thesis 2.4 JTD 10V Eng. 841 C.000 2387ccm 110kw(150PS)	00→											

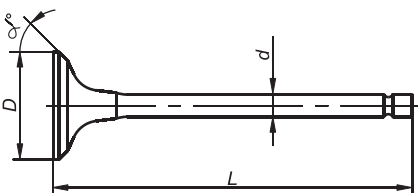
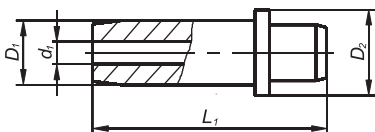
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LANCIA DIESEL											
Kappa 2.4 LE/LS TD 10V Eng. M717 AT 24T Eng. 838 A3/A8.000 2387ccm 91kw(124PS)	94→	82 5	IN	V1031	7 798 620 46527855	37,5x8x114,2	45 3	VV260	7 565 472	8x14,04x43	G
								VV260.1	46 433 782	+0,03	F
								VV260.2	46 433 783	+0,08	
								VV260.3	7 565 473	+0,18	
								VV260.4	46 433 784	+0,23	
		EX		V1032	7 783 225 46527856	31x8x114,2	45 3	VV260	7 565 472	8x14,04x43	G
								VV260.1	46 433 782	+0,03	F
								VV260.2	46 433 783	+0,08	
								VV260.3	7 565 473	+0,18	
								VV260.4	46 433 784	+0,23	
Thesis 2.4 JTD 20V Eng. 841 M.000/841 N.000 Eng. 841 G.000/841 H.000 2387ccm 129kw(175PS)	03→	82 5	IN	V1415	46802049	27,8x6x114,4	45 3	VV459	55186786	6x11,04x47	G
								VV459.1	55186786	+0,03	F
								VV459.2	55186789	+0,23	
		EX		V1416	46787902	25,8x6x114,4	45 3	VV459	55186786	6x11,04x47	G
								VV459.1	55186786	+0,03	F
								VV459.2	55186789	+0,23	
Thesis 2.4 JTD 20V Eng. 841P.000 Up to eng. 553217 2387ccm 129kw(175PS)	03→	82 5	IN	V2025	55190248	27,9x5x114,2	45 3	VV437	55210016	5x10,04x46,7	G
								VV437.1	55210015	+0,03	A
								VV437.2	55210017	+0,23	
		EX		V2026	55190249	24,9x5x114,2	45 3	VV437	55210016	5x10,04x46,7	G
								VV437.1	55210015	+0,03	A
								VV437.2	55210017	+0,23	
Thesis 2.4 JTD 20V Eng. 841 P.000 From eng. 553218 2387ccm	03→	82 5	IN	V1595*	55206431 * Retainer s.e. 4,9 mm	27,9x5x114,4	45 3	VV437	55210016	5x10,04x46,7	G
								VV437.1	55210015	+0,03	A
								VV437.2	55210017	+0,23	
		EX		V1596*	55205183 55207955 * Retainer s.e. 5,9 mm	24,5x5x114,4	45 3	VV437	55210016	5x10,04x46,7	G
								VV437.1	55210015	+0,03	A
								VV437.2	55210017	+0,23	

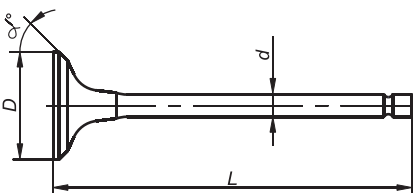
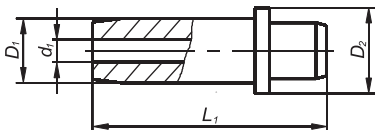
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
LANCIA DIESEL												
Prisma 1.9 D Eng. 831 D.000 1929ccm 48kw(65PS)	84→	82,6 4	IN	V733	5 990 532	37,5x8x116,8	45	1	VV69	4 250 803	8x14,06x46,5	G
									VV69.1	4 372 160	+0,03	F
									VV69.2	4 372 161	+0,08	
									VV69.3	4 250 804	+0,18	
									VV69.4	4 372 162	+0,23	
	EX		V734	5 990 533	33,5x8x117	45	1	VV69	4 250 803	8x14,06x46,5	G	
								VV69.1	4 372 160	+0,03	F	
								VV69.2	4 372 161	+0,08		
								VV69.3	4 250 804	+0,18		
								VV69.4	4 372 162	+0,23		
Delta 1.9 TD Eng. 149 A1.000–Turbo Prisma 1.9 TD Eng. 831 A1.000–Turbo 1929ccm 59kw(80PS) Dedra 1.9 TD Eng. 835 A4.000–Turbo 1929ccm 68kw(92PS)	86→	82,6 4	IN	V707	7 547 158	37,5x8x116,5	45	1	VV69	4 250 803	8x14,06x46,5	G
									VV69.1	4 372 160	+0,03	F
									VV69.2	4 372 161	+0,08	
									VV69.3	4 250 804	+0,18	
									VV69.4	4 372 162	+0,23	
	EX		V708	7 588 577	33,5x8x116,5	45	1	VV69	4 250 803	8x14,06x46,5	G	
								VV69.1	4 372 160	+0,03	F	
								VV69.2	4 372 161	+0,08		
								VV69.3	4 250 804	+0,18		
								VV69.4	4 372 162	+0,23		
Nuova Delta 2.0 MJT Eng. 198 A5.000 1956ccm	08→	83 4	IN	V1595*	55206431	27,9x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
				* Retainer s.e. 4,9 mm	VV437.1	55210015	+0,03	A				
				VV437.2	55210017	+0,23						
		EX		V1596*	55207955	24,5x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
				* Retainer s.e. 5,9 mm	VV437.1	55210015	+0,03	A				
				VV437.2	55210017	+0,23						
Zeta 2.0 JTD 16V Eng. DW10 TD Turbo – RHW, RHZ Common Rail 1998ccm 66kw(90PS) Phedra 2.0 JTD 16V Eng. DW10 ATED4 – RHW – RHZ Turbo 1997ccm 81kw(110PS)	99→	85 4	IN	V1085	96247742	35,6x6x107,1	45	3	VV378	96403403	6x10,06x41,5	G
									VV378.1		+0,05	A
									VV266		6x12,07x42,5	G
	EX		V1086	96247745	33,8x6x107,1	45	3	VV266.1		+0,05	F	
								VV378	96403403	6x10,06x41,5	G	
								VV378.1		+0,05	A	
								VV266		6x12,07x42,5	G	
								VV266.1		+0,05	F	

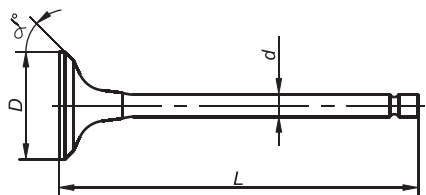
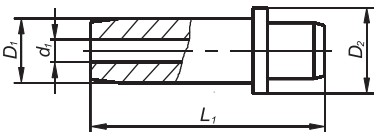
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LANCIA DIESEL											
Phedra 2.0 JTD 16V 02→ Zeta 2.0 JTD 16V 02→ Eng. DW10ATED4 RHW, RHM, RHT Engine Peugeot 1997ccm 79kw(107PS)	85 4	IN	V1313	96353179 0948.C0	29,9x6x106,2	45	3	VV378 VV378.1	96403403	6x10,06x41,5 +0,05	G A
								VV266 VV266.1		6x12,07x42,5 +0,05	G F
		EX	V1314	96353184 0949.A9	25x6x106,1	45	3	VV378 VV378.1	96403403	6x10,06x41,5 +0,05	G A
								VV266 VV266.1		6x12,07x42,5 +0,05	G F
Phedra 2.0 MJT 16V 05→ 1997ccm 88kw(120PS)											
Zeta 2.1 TDS 12V 96→ Eng. XUD11ATE/BTE, P8C Turbo Diesel 2088ccm 80kw(109PS)	85 4	IN	V1095	96007817 96008334	33,9x8x122,3	45	3	VV245 VV245.1	9456 029 080	8x13,08x54,5 +0,20	B F
		EX	V1096	96042957 96079213	33,9x8x121,9	45	3	VV245 VV245.1	9456 029 080	8x13,08x54,5 +0,20	B F
Phedra 2.2 JTD 16V 03→ Eng. DW12ATED4-4HW 2179ccm 94/103kw(128/140PS)	85 4	IN	V1179	96271843 0948.A3	29,8x6x105	45	3	VV378 VV378.1	96403403	6x10,06x41,5 +0,05	G A
		EX	V1180	96344375 0949.A3	25x6x105	45	3	VV378 VV378.1	96403403	6x10,06x41,5 +0,05	G A
Phedra 2.2 D Multijet 08→ Eng. 4HT 2179ccm 125kw(170PS)	85 4	IN	V1723	0948.E5	27,2x6x95,8	45	3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
		EX	V1724	0949.E1	25x6x95	45	3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
Thema 2.5 TD 84→ Eng. 8144.91-Turbo 2445ccm 74kw(100PS)	93 4	IN	V326	7 301 820 4 757 358	41x8x120,7	60	1	VV58 VV58.1	4 726 483 4 733 258	8x13,03x60 +0,03	G A
			V326N3		+1,0S			VV58.2 VV58.3	4 733 259	+0,08 +0,18	
		EX	V327	7 302 157 7 301 821	34,4x8x122	45	1	VV58.4	4 733 260	+0,23	
			V327N3		+1,0S			VV58 VV58.1	4 726 483 4 733 258	8x13,03x60 +0,03	G A
	89→	EX						VV58.2 VV58.3	4 733 259	+0,08 +0,18	
								VV58.4	4 733 260	+0,23	
		EX						VV58 VV58.1	4 726 483 4 733 258	8x13,03x60 +0,03	G A
								VV58.2 VV58.3	4 733 259	+0,08 +0,18	
Voyager 2.8 JTD 11→ Eng. ENS 2777ccm	94 4	IN	V1745	K68027469AA	31,8x6x107,6	45	3	VV530	5066773AA	6x11,03x44,5	G F
		EX	V1746	K68027470AA	29,2x6x107,8	45	3	VV530	5066773AA	6x11,03x44,5	G F

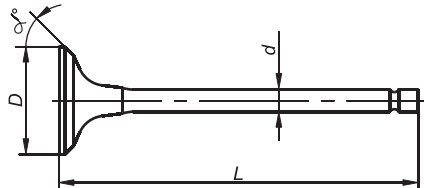
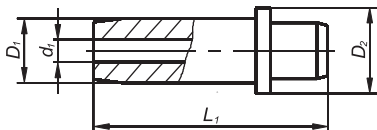
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LAND ROVER											
Land Rover Santana Suzuki Engine SJ413 1325ccm 38/44kw(52/60PS)	87→ 74 4	IN	V1307	12911A82000	36x7x115,5	45	1	VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P
		EX	V1308	12915A82050	30x7x114,5	45	1	VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P
Freelander 1.8i 16V Eng. 18K4F 1796ccm 88kw(120PS)	00→ 80 4	IN	V1329	LGH 10029	27,7x6x89,6	45	1	VV269 VV269N	WAM 1452	6x9,85x30 +0,05	G A
		EX	V1332	LGH 10065 LGH 101360	27,5x6x90	45	1	VV269 VV269N	WAM 1452	6x9,85x30 +0,05	G A
Freelander 2.5i V6 24V Eng. 25K4F 2497ccm 130kw(177PS)	00→ 80 V6	IN	V1331	LGH 10064	31,5x6x89,6	45	1	VV415 VV415N	LGJ 10034	6x9,89x30 +0,05	G A1
		EX	V1332	LGH 10065 LGH 101360	27,5x6x90	45	1	VV416 VV416N	LGJ 10033	6x10,14x30 +0,05	G A12
Land Rover 88-90 Land Rover 109-110 2286ccm Land Rover 90-110 2494ccm	84→ 90,475 4	IN	V1901	ETC 4067	44,5x7,9x111,4	60	3	VV501	500144	7,9x16,5/13,55x55,5	G C4
		EX	V1902	ETC 5866	34,3x8,7x111,4	45	3	VV502	500145	8,7x16,5/14,36x52,6	G C4
Range Rover 4.4i V38 Eng. 44852 4398ccm	02→ 92 V8	IN	V1281	1134 1 736 549	34,9x6x104,1	45	3	VV202 VV202.1 VV202.2 VV202.3	1112 1 735 534	6x12,56x43,5 +0,05 +0,10 +0,20	B F
		EX	V1282	1134 1 741 231	30,4x6x103,6	45	3	VV202 VV202.1 VV202.2 VV202.3	1112 1 735 534	6x12,56x43,5 +0,05 +0,10 +0,20	B F
LAND ROVER DIESEL											
Range Rover 2.5 DSE TD Eng. D256TM BMW 2498ccm 85/105kw(115/143PS)	94→ 80 6	IN	V939	STC2156	35,9x6x103,7	45	3	VV162 VV162.1 VV162.2	1112 2 244 464	6x12,56x39,5 +0,05 +0,10	B F
		EX	V940	STC2149	30,9x6x103,5	45	3	VV162 VV162.1 VV162.2	1112 2 244 464	6x12,56x39,5 +0,05 +0,10	B F

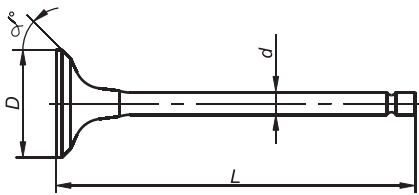
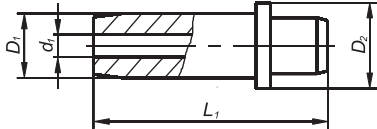
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LAND ROVER DIESEL											
Freelander 2.0 TD4 16V Eng. 204D3 1951ccm 100kw(136PS)	00→	84 4	IN	V994	LGH 101450	26x6x99,9	45 3	VV247 VV247.1		6x11,55x39 +0,05	B A
			EX	V994	LGH 101450	26x6x99,9	45 3	VV247 VV247.1		6x11,55x39 +0,05	B A
Range Rover 3.0 TD6 24V Eng. 306D1 BMW 2926ccm 135kw(184PS)	02→										
Freelander 2.0 XEDI Eng. 20T2 N 1998ccm 63/77kw(85/105PS)	98→	84,5 4	IN	V1333	LGH 100990	37,2x7x86,7	45 1	VV375	LGJ 100510	7x12,05x28,3	G A
			EX	V1334	LGH 100980	32,5x7x86,7	45 1	VV375	LGJ 100510	7x12,05x28,3	G A
Defender 2.5 TDi TD5 Defender 110 2.5 TDi TD5 Defender 130 2.5 TDi TD5 Eng. 10P-15P Discovery 2.5 TDi Eng. 10P-15P 2495ccm 90kw(122PS)	98→	84,5 4	IN	V1731	ERR 6611	34,7x7x105,3	60 3	VV474 VV474N	ERR 7225	7x12,06x39 +0,05	G A
			EX	V1732	ERR 6612	31,7x7x105,3	45 3	VV474 VV474N	ERR 7225	7x12,06x39 +0,05	G A
Freelander 2.2 TD4 16V Eng. 4HT Evoque 2.2 TD Eng. 224DT 2179ccm	06→ 11→	85 4	IN	V1723	0948.E5	27,2x6x95,8	45 3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
			EX	V1724	0949.E1	25x6x95	45 3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
Freelander 2 2.2 SD4 Freelander 2 2.2 TD4 4x4 Freelander 2 2.2 TD4 Range Rover Evoque 2.2 SD4 Range Rover Evoque 2.2 TD4 Eng. 224DT 2179ccm 112-118kw(152-160PS) Eng. DW12BTED4 2179ccm 110kw(150PS)	10→ 06→ 11→	85 4	IN	V1723	0948.E5	27,2x6x95,8	45 3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
			EX	V1724	0949.E1	25x6x95	45 3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
Discovery 3500ccm Defender Range Rover 4000ccm		88,6 V8	IN	V2323	LGH 000030	39,9x8,7x117	45 9				
			EX	V2324	LGH 000040	24,3x8,7x117	45 9				

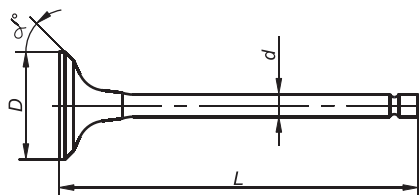
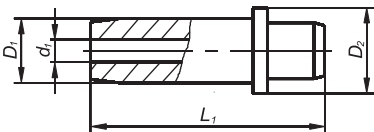
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
LAND ROVER DIESEL												
Range Rover Sport Discovery III 4400ccm	02→	V8	IN EX	V2325 V2326	4646005 LR002447 4646004	34,8x5x105,3 30,9x5x105,1	45 45	1 1				
Defender 2.5 TDi 90/110/130 Discovery 2.5 TDi Range Rover 2.5 TDi Eng. 12L-200TDi 2495ccm	90-94 89-94 90-94	90,5 4	IN EX	V1647 V1648	ERR 1157 ERR 1156	39,5x8x116,5 36,5x8x116,5	60 45	3 3	VV438 VV438N VV438 VV438N	ETC 8003 ETC 8003	8x14,07x49 +0,2 8x14,07x49 +0,2	G F G F
Defender 2.5 TDi 90/110/130 Discovery 2.5 TDi Range Rover 2.5 TDi Eng. 12L-300TDi 2495ccm	95→ 95→ 95→	4	IN EX	V1903 V1648	ERR 3777 ERR 1156	38,9x8x116,3 36,5x8x116,5	60 45	3 3	VV438 VV438N VV438 VV438N	ETC 8003 ETC 8003	8x14,07x49 +0,2 8x14,07x49 +0,2	G F G F
Range Rover 2.4 TD Eng. VM81A-Turbo 2393ccm	96→	92 4	IN EX	V1167 V1168	AEU 2296 L RTC 4116	40,2x8x121 34x8x121	55 45	1 1	VV411 VV411.1 VV411.2 VV521 VV521.1 VV521.2 VV411 VV411.1 VV411.2 VV521 VV521.1 VV521.2	20380025A 20380025A	8x14,06x55 +0,03 +0,18 8x14,06x55 +0,03 +0,18 8x14,06x55 +0,03 +0,18	G A G F G A G F
Range Rover Sport Discovery III 3600ccm	02→	V8	IN EX	V1725 V1726	1311281 1316137 1520918	27,7x6x97,1 25,2x6x96,4	45 45	3 3	VV584 VV584N VV584 VV584N		6x10,72x39,3 +0,05 6x10,72x39,3 +0,05	G A G A

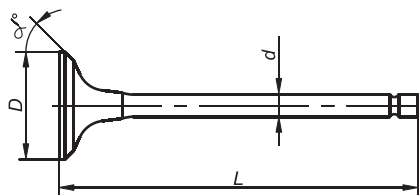
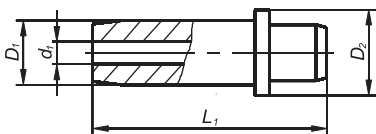
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LEXUS											
IS 200 114KW Eng. 1GFE 1998ccm 99→	6	IN	V1905	13711-70060	29,5x5x91,7	45	1				
		EX	V1906	13715-70080	25x5x91,8	45	1				
RX 300 VVT Eng. 1MZFE 2995ccm 00→	6	IN	V2145	13711-20020	34x5,5x95,3	45	1				
		EX	V2146	13715-20020	27,3x5,5x95,3	45	1				
GS 300 VVT Eng. 2JZGE 2997ccm 161kw(220PS)	6	IN	V2327	13711-46021 13711-46022	33,5x6x98,6	45	1				
		EX	V2328	13715-46020	29x6x99,1	45	1				
RX 300/330/350 3456ccm 06→	V6	IN	V2331	13711-31100	38x5,5x105,9	45	1				
		EX	V2332	13715-31120	32x5,5x110,4	45	1				
SC 430 GS 430 VVT LS 430 VVT Eng. 3UZFE 4293ccm 208kw(274PS)	8	IN	V2329	13711-50060	34,5x5,5x95,1	45	1				
		EX	V2330	13715-50060	29x5,5x95,1	45	1				
LEXUS DIESEL											
IS 200D 16V Eng. 2AD FHV-FTV 2230ccm 07→	86 4	IN	V1661	13711-0R010	30,1x6x104,3	45	1	VV374	111-22-30020	6x11,09x40,6	G P
		EX	V1662	13715-0R010	27x6x104,1	45	1	VV374	111-22-30020	6x11,09x40,6	G P
LEYLAND											
Eng. 0401, 0402-NA 6540ccm 96kw(130PS) 66→	107,2 6	IN	V377	10618846 PLA2584	45,7x8,7x145,9	60	1				
		EX	V378	10618851 PLA2585	42,8x8,7x145,9	60	1				
Eng. 0410, 0411 Turbo 6540ccm 109kw(148PS) 73→											
LIAZ											
Eng. M2.4		IN	V324	61 2 4095	43x10x164,6	60	1				
		EX	V325	61 2 3919	43x10x164,6	45	1				

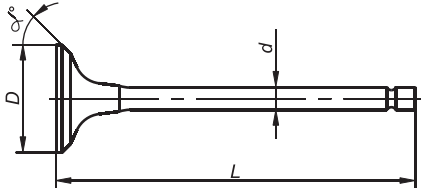
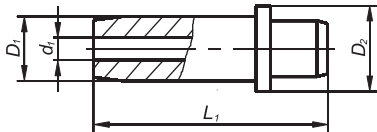
	CYL. Ø N _o	IN EX									
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LIAZ											
Eng. MS 637/638	130 6	IN	V201	442.1 1209 0145 61 014 1209	57x12x163,8	60	1	VV594		12x22/18,04x81,8	G G6
		EX	V472	442.1 1209 0155 61 015 1209	50x12x163,8	45	1	VV594		12x22/18,04x81,8	G G6
LIEBHERR											
Eng. D 924 TI-EA1 6640ccm 66/180kw(90/245PS)	122 4	IN	V1171	9279578	52,2x10x146,5	60	4				
		EX	V1172	9279579	48,9x10x146,5	45	4				
D 934 NEW		IN	V2425	10136752	43,5x9x156,8	60	3				
		EX	V2426	10136753	39x9x157	45	3				
LOMBARDINI											
ENG. 6LD 360-400-400C-401-435		IN	V1393	550 9652 099	36,3x7x84	45	1				
		EX	V1394	550 9685 104	31,5x7x83,5	45	1				
ENG. LDA 315	1	IN	V1961	196.9652.130	36x7x91	45	1				
		EX	V1962	196.9685.133	32x7x91	45	1				
ENG. 15LD 350 ENG. 15LD 400		IN	V1449		37,6x7x92,2	45	1	VV343 VV343.1	196-4845-218	7x11,05x40 +0,04	G F
		EX	V1450		33,4x7x92,2	45	1	VV344 VV344.1	196-4845-219	7x11,05x31 +0,04	G F
ENG. LDA 520/530 1° serije 71→	1	IN	V743	520-9652-025	31,8x7x84,2	45	1	VV109 VV109.1 VV109.2	500-4845-71	7x11,05x40 +0,05 +0,10	G A1
		EX	V744	520-9685-039	27x7x83,8	45	1	VV110 VV110.1 VV110.2	500-4845-30	7x11,05x33 +0,05 +0,10	G A1
ENG. LDA 520/530 2° serije 79→ ENG. GLD 260/325/360/400 360V/400V 87→ G 26	1	IN	V603	520-9652-040	34,3x7x83,8	45	1	VV109 VV109.1 VV109.2	500-4845-71	7x11,05x40 +0,05 +0,10	G A1
		EX	V604	520-9685-051	29,5x7x83,5	45	1	VV110 VV110.1 VV110.2	500-4845-30	7x11,05x33 +0,05 +0,10	G A1

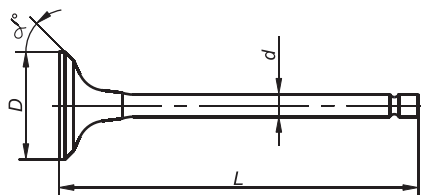
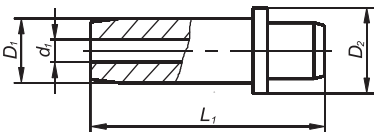
	CYL. Ø Nº	IN EX										
AV REF.			ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE		
1	2	3	4	5	6	7	8	9	10	11	12	
LOMBARDINI												
ENG. LA 205/205L LA 250/300	68→ 91→	1	IN EX	V242 V243	90-9652-16 90-9685-22	32x7x94 28x7x93,8	45 45	9 9	VV91 VV91.1 VV91.2 VV91 VV91.1 VV91.2	90 4845 28 90 4845 28	7x12,04x37 +0,05 +0,10 7x12,04x37 +0,05 +0,10	B A1 B A1
LA 300	91→	76 1	IN EX	V601 V602	147-9652-120 147-9685-126	31,4x7x94 27,4x7x94	46 46	9 9	VV91 VV91.1 VV91.2 VV91 VV91.1 VV91.2	90 4845 28 90 4845 28	7x12,04x37 +0,05 +0,10 7x12,04x37 +0,05 +0,10	B A1 B A1
LDA 75-80		1	IN EX	V1821 V1822	271.9652.005 271.9685.006	31x7x99,2 26,5x7x99	45 45	1 1	VV87 VV87.1 VV87N VV87N1 VV87N2 VV88 VV88.1 VV88N VV88N1 VV88N2	285-4845-49 285-4845-48	7x11,06x56 +0,05 +0,10 +0,20 +0,30 7x11,06x44 +0,05 +0,10 +0,20 +0,30	G A126 G A1
ENG. LDA 450/490/510 0.4D 454ccm ENG. 3LD 450 0.4D ENG. 3LD 510 0.5D 510ccm GR 3	7,3kw(10PS) 87→ 87→ 8kw(11PS)	85 1	IN EX	V276 V276N1 V276N3 V277 V277N1 V277N3	283-9652-017 283-9685-027	34,3x7x99,4 +0,5S +1,0S 29,5x7x99 +0,5S +1,0S	45 45	1 1	VV87 VV87.1 VV87N VV87N1 VV87N2 VV88 VV88.1 VV88N VV88N1 VV88N2	285-4845-53 285-4845-50	7x11,06x56 +0,05 +0,10 +0,20 +0,30 7x11,06x44 +0,05 +0,10 +0,20 +0,30	G A126 G A1

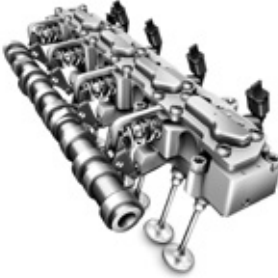
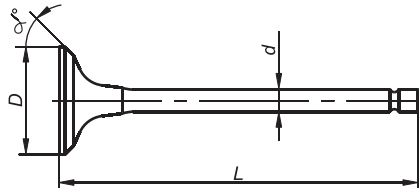
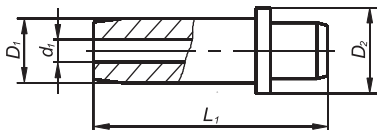
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LOMBARDINI											
ENG. LDA 96/97 638ccm	95 1	IN	V274	291-9652-019	42x8x111,2	45	1	VV85 VV85.1 VV85N VV85N1 VV85N2	291-4845-47	8x12,05x66 +0,05 +0,10 +0,20 +0,30	G A126
ENG. LDA 100 707ccm 10,5kw(14PS)	100 1										
ENG. LDA 820 817ccm 12kw(16,4PS) GR 4	102 1	EX	V275	291-9685-031	35,5x8x111	45	1	VV86 VV86.1 VV86N VV86N1 VV86N2	291-4845-46	8x12,05x48 +0,05 +0,10 +0,20 +0,30	G A1
ENG. LDA/LDA L 672 1346ccm 20,6kw(28PS)	95 2	IN	V240	276-9652-015	40x9x111,9	45	1	VV137 VV137.1 VV137.2	276-4845-56	9x15,06x68 +0,03 +0,08	G A12
ENG. LDA/LDA L 673 2019ccm	95 3	EX	V241	276-9685-019	35,5x9x111,7	45	1	VV138 VV138.1 VV138.2	276-4845-57	9x15,06x51 +0,03 +0,08	G A1
ENG. LDA/LDA L 674 2962ccm	95 4										
ENG. LDA832/833/834 GR 5											
LOTUS											
ELISE 1.8i 16V Eng. 18K4F 1796ccm	00→ 80 4	IN	V1329	LGH 10029	27,7x6x89,6	45	1	VV415 VV415N	LGJ 10034	6x9,89x30 +0,05	G A1
ELISE 111S 1.8 16V WC Eng. 18K4K 1796ccm		EX	V1332	LGH 10065 LGH 101360	27,5x6x90	45	1	VV416 VV416N	LGJ 10033	6x9,89x30 +0,05	G A12
ELISE 111S 1.8i 16V VVC Eng. 18K4K 1796ccm	00→ 4	IN	V1331	LGH 10064	31,5x6x89,6	45	1				
		EX	V1332	LGH 10065	27,5x6x90	45	1				
ELISE 1.6i 16V Eng. 1ZR-FAE 1598ccm	07→ 87,5 4	IN	V1799	13711-37020	32x5,5x109,4	45	1	VV368	11122-20020	5,5x10,35x34,5	G P
		EX	V1800	13715-37030	27,5x5,5x108,3	45	1	VV368	11122-20020	5,5x10,35x34,5	G P

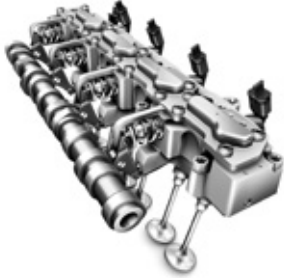
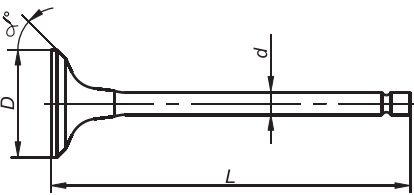
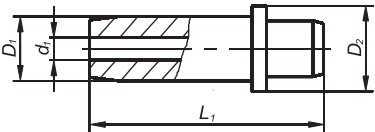
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MACK											
END 673/ENDT673 END 711/ENDT675 11100ccm	6	IN	V1203	690GC2187B	57x12,6x174,5	60	5				
		EX	V1204	688GC2352A	48x12,6x174,5	60	5				
E7 – ETECH 4V DIESEL		IN	V1729	690GC425A	43x9,5x179,2	70	8	VV473		9,5x17,49x80	G F
		EX	V1730	688GC344	39,9x9,5x177,5	60	8	VV473		9,5x17,49x80	G F
MAN – RABA											
Eng. D 0224M/ME/MF 79→ 6/8.90 379ccm 58/66xkw(79/90PS)	102 4	IN	V745	51 04101 0417 51 04101 0398	47x10x136,6	45	1	VV189	51.03201.1057	10x16,03x60	G F2
		EX	V746	51 04101 0410	42x10x136,3	45	1	VV190	51.03201.1053	10x16,03x55	G F
Eng. D 0226 M/ME/MF 79→ Eng. D 0226 MFA/MFM Eng. D 0226 MFO/MH 8/9/10/11/12/14.136 5687ccm 66/100kw(90/136PS)	102 4 102 6	IN	V745	51 04101 0417 51 04101 0398	47x10x136,6	45	1	VV189	51.03201.1057	10x16,03x60	G F2
	EX	V746	51 04101 0410	42x10x136,3	45	1	VV190	51.03201.1053	10x16,03x55	G F	
Eng. D 0226 MC/MK/ML 83→ Eng. D 0226 MT Turbo 12/14/16–170 12/14.192 5687ccm 81/154kw(110/209PS)	102 6	IN	V932	51 04101 0422 51 04101 0425	49x10x136,6	60	1	VV189	51 03201 1057 51 03201 0106	10x16,03x60	G F2
		EX	V746	51 04101 0401 51 04101 0410 51 04101 0411 51 04101 0480	42x10x136,3	45	1	VV190	51 03201 1053 51 03201 0098	10x16,03x55	G F
Eng. D 0824 GF/LF/LOH 86→ 4580ccm 75/108kw(102/112PS)	108 4										
Eng. D 0826 GF/GFA 86→ 6871ccm 110kw(150PS)											
Eng. D 0826 TOH 86→ 6596ccm 132kw(180PS)											
Eng. D 0826 LOH, LFL, LF 91→ LF Turbo 6871ccm 140kw(190PS) 6871ccm 169/198kw(230/270PS)											

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAN – RABA											
ENG.D0834 Euro 3 LF40/LF41/LF42/LOH 40 4580ccm 103–151kw(140–205PS)	05→	108 4	IN	V1541 51.04101.0515 51.04101.0516 51.04101.0537	38x7x141,5	60	3	VV547 VV547N	51 03201 0122	7x13,05x60 +0,03	G F
ENG.D0834 Euro 4 LFL50/LFL51/LFL52/LFL53/LFL54 LFL55/LOH50/LOH51/LOH52/LOH53 4580ccm 110–151kw(150–206PS)	05→		EX	V1542 51.04101.0498 51.04101.0506 51.04101.0538	34x7x141,2	45	3	VV547 VV547N	51 03201 0122	7x13,05x60 +0,03	G F
ENG.D0834 LFL60/LFL61/LFL62/LOH60											
ENG.D0834 Euro 5 LFL63/LFL64/LFL65/LOH61 4580ccm 110–162kw(150–220PS)											
ENG.D0836 Euro 3 LF41/LF43/LF44/LOH40/LOH41 LOH50/LOH40/LOH41/LOH50	02→										
ENG.D0836 Euro 4 LFL50/LFL51/LFL52/LFL53/LFL54 LFL55/LOH51/LOH52/LOH53/LOH54 LOH55/LOH56/LOH57/LOH58/LOH62/LOH63 6871ccm 176–240kw(240–326PS)	05→										
ENG.D0836 LFL60/LFL61/LFL62/LOH60/LOH61											
ENG.D0836 Euro 5 LFL63/LFL64/LFL65/LOH64/LOH65 6871ccm 184–250kw(250–340PS)											
ENG.D0836 M/HM/HMU 7030ccm 100kw(136PS)	69–73	108 6	IN	V1301 51.04101.0328	52x11x155,1	45	1	VV313	51 03201 0014	11x18,04x81	G A2
			EX	V1302 51.04101.0356	43x11x155,5	45	1	VV314	51 03201 0012	11x18,04x70	G A2
ENG.D0846 HM2/HMM2/HMY 7253ccm 118kw(160PS)	69–73										

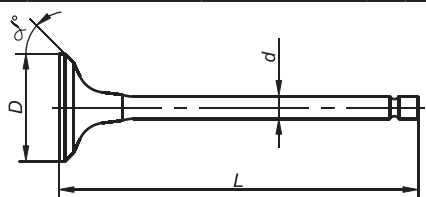
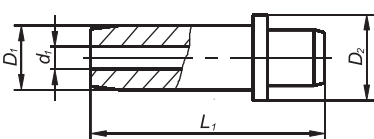
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MAN – RABA												
ENG. 2066 Euro 3 LO1/02/03/04/06/07 LOH10/11/12 LUH08/09 10520ccm 228/316kw(310/430PS)	04→	120 6	IN EX	V1543 V1544	51.04101.0574 51.04101.0546	40x9x160,4 38x9x160,4	60 45	3 3	VV302 VV302	51.03201.0115 51.03201.0126 51.03201.0115 51.03201.0126	9x15,04x66,5 9x15,04x66,5	G F G F
ENG. D2066 Euro 4 LF11/12/13/14/23/24/31 LF32/33/34/35/36/37/38/39 LOH01/02/03/04/05/06/07/08 LUH05/11/12/13/14/15/21 LUH22/23/24 10520ccm 190/324kw(270/440PS)	04→	120 6	IN EX	V1543 V1544	51.04101.0574 51.04101.0546	40x9x160,4 38x9x160,4	60 45	3 3	VV302 VV302	51.03201.0115 51.03201.0126 51.03201.1079 51.03201.1090 51.03201.0115 51.03201.0126 51.03201.1079 51.03201.1090	9x15,04x66,5 9x15,04x66,5	G F G F
ENG. D2066 Euro 5 LF21/25/26/27/28/40/41/42/43 10520ccm 235/324kw(320/440PS)	04→											
ENG. D10 RABA Euro 1 10351ccm 133/235kw(181/320PS)		121 6	IN EX	V420 V421	10 04101 0008 3 04101 0803 10 04101 0009 3 04101 0804	50x11x166,5 48,5x11x166,5	60 45	1 1	VV140 VV140	51 03201 0017 51 03201 0017	11x18,04x71 11x18,04x71	G F G F
ENG. D10 RABA Eng. D10UT 150 Turbo Euro 2 10351ccm 133/235kw(181/320PS)	01→	121 6	IN EX	V1299 V1299N3 V1300 V1300N3	10 04101 0004 10 04101 0005	50x11x166 +1,0S 48,5x11x166 +1,0S	60 45	1 1	VV140 VV140	51 03201 0017 51 03201 0017	11x18,04x71 11x18,04x71	G F G F
ENG. D 2146 M/HM 9659ccm 127/156kw(172/212PS)	63→72	121 6	IN	V303	51 04101 0305 1 04101 0305	55,9x12x148,9	45	1	VV19	51 03201 0047 1 03201 3019	12x20,06x78	G F
ENG. D 2156 M/HM 10344ccm 141/169kw(192/230PS)	66→75		EX	V304	51 04101 0373 1 04101 0273	48,9x12x148,5	45	1	VV20	51 03201 0075 1 03201 3020	12x20,06x69	G F

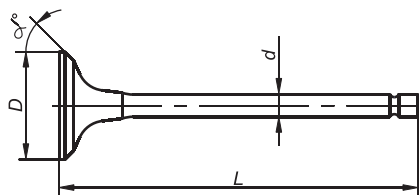
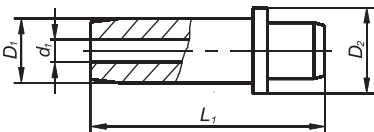
	CYL. Ø N _e	IN EX										
			AV REF.	ORIGINAL PART N _e	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _e	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MAN – RABA												
ENG. D 2146 MT-Turbo 9659ccm 155/170kw(210/230PS)	60–65 6	121 6	IN	V339	51 04101 0379 1 04101 0304	55,9x12x148,9	60	1	VV19	51 03201 0047 1 03201 3019	12x20,06x78	G F
ENG. D 2156 MT-Turbo 10334ccm 188kw(256PS)	68–71 6		EX	V304	51 04101 0373 1 04101 0273	48,9x12x148,5	45	1	VV20	51 03201 0075 1 03201 3020	12x20,06x69	G F
ENG. D 2356 HM 10/12/13/16/19/22/30.230 SG 192, SU 230 11U192, 12U192 10690ccm 170kw(230PS)	68–74 6	123 6	IN	V690	51 04101 0349	56,9x12x148,9	45	1	VV19	51 03201 0047 1 03201 3019	12x20,06x78	G F
			IN	V405	51 04101 0329	58x12x148,9	45	1				
			EX	V406	51 04101 0364 1 04101 0303	51,9x12x148,5	45	1	VV20	51 03201 0075 1 03201 3020	12x20,06x69	G F
ENG. D 2530 ME/MF/MX DF–4525, DF–5175, DFK–3875 15950ccm 156/235kw(212/320PS)	80–81 V–10	125 V–10	IN	V691	51 04101 0332	58x12x142,5	45	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F
ENG. D 2538 M/ME/MF ENG. D 2538 MFR/MR 12756ccm 160/188kw(218/256PS)	80–81 V–8	125 V–8	IN	V461	51 04101 0405	57x12x142,5	45	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F
ENG. D 2555 M/MF/MX 9199ccm 123/141kw(168/192PS)	80–81 5	125 5	EX	V456	51 04101 0367	51x12x142,5	45	1	VV23	51 03201 0088	12x18,04x64	G
ENG. D 2556 M/MF/MX SD/SL 200, SU 240 11045ccm 144/177kw(200/240PS)	80–81 6	125 6			51 04101 0447 51 04101 0479				VV23N VV23.1 VV23.2	51 03201 1035 51 03201 1037	+0,05 +0,20 +0,40	F
ENG. D 2565 HM/M/ME ENG. D 2565 MF/MH/MR 9510ccm 92/141kw(125/192PS)	80–81 5	125 5										
ENG. D 2565 MUH Bus 9510ccm 141kw(192PS)	80–81											
ENG. D 2566 HM/M/ME Eng.D 2566 MH/MR/MX 11407ccm 125/177kw(170/240PS)	80–81 80–81	125 6										

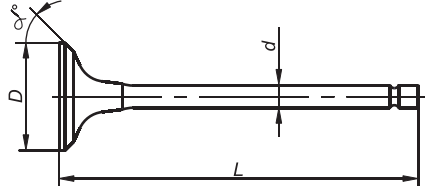
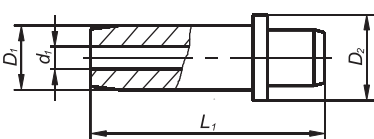
	CYL. Ø N _ø	IN EX										
			AV REF.	ORIGINAL PART N _ø	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _ø	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MAN – RABA												
ENG. D 2566 MU 200, 220, 400 11413ccm 144/177kw(200/240PS)	80–81	125 6	IN	V691	51 04101 0332	58x12x142,5	45	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F
ENG. D 2566 MUH SG192, SD200, SL220, SG220 SR240, SU240, SUE240 11407ccm 177kw(240PS)	80–81		IN	V461	51 04101 0405	57x12x142,5	45	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F
			EX	V456 V456N1 V456N3	51 04101 0367 51 04101 0447 51 04101 0479 +0,5S +1,0S	51x12x142,5	45	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F
ENG. D 2565 MT/MK–Turbo 9510ccm 169kw(230PS)	76→	125 5	IN	V455	51 04101 0348 51 04101 0375 51 04101 0478	58x12x142,5	60	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F
ENG. D 2566 MK/ML/MT ENG. D 2566–Turbo Bus 297/298 15900ccm 223/294kw(303/400PS)	76→	125 6		V455N1 V455N3		+0,5S +1,0S						
			EX	V456	51 04101 0367 51 04101 0479 51 04101 0447	51x12x142,5	45	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F
ENG. D 2530 MT–Turbo Industrial/Marine Engines 15900ccm 223/294kw(303/400PS)	76–81	125 V–10		V456N1 V456N3		+0,5S +1,0S						
ENG. D 2538 MT–Turbo 12760ccm 178/235kw(242/320PS)	76–81	125 V–8										
ENG. D 2542 MTE–Turbo Industrial/Marine Engines 20190ccm 383kw(520PS)	76–81	125 V–12										
ENG. D 2840 F–Turbo 18270ccm 338/382kw(460/520PS)	87→	128 V–10										
ENG. D 2840 LF–Turbo 18720ccm 368kw(500PS)	90→											

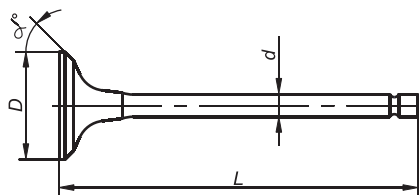
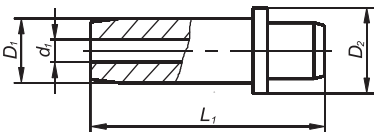
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAN – RABA											
ENG. D 2842 LF-Turbo 90→ LFX-Turbo 21930ccm 530/735kw(720/1000PS)	128 V-12	IN	V455	51 04101 0348 51 04101 0375 51 04101 0478	58x12x142,5	60	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F
			V455N1 V455N3	+0,5S +1,0S							
ENG. D 2865 LOH,LUX 89→ LF-Turbo 9973ccm 198/235kw(270/320PS)	128 5	EX	V456	51 04101 0367 51 04101 0479 51 04101 0447	51x12x142,5	45	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F
			V456N1 V456N3	+0,5S +1,0S							
ENG. D2676 Euro 4 95→ LF01/LF02/LF03/LF04/LF05 LOH01/LOH02/LOH03/LOH04 12419ccm 338-353kw(460-480PS)	126 6	IN	V1543	51.04101.0545 51.04101.0571 51.04101.0574	40x9x160,4	60	3	VV302	51.03201.0115 51.03201.0126 51.03201.1079 51.03201.1090	9x15,04x66,5	G F
			V1544	51.04101.0546	38x9x160,4	45	3	VV302	51.03201.0115 51.03201.0126 51.03201.1079 51.03201.1090	9x15,04x66,5	G F
ENG. D2676 Euro 5 06→ LF06/LF07/LF11/LF12/LF13/LF14/LF21 12419ccm 353-397kw(480-540PS)		EX									
ENG. D2676 Euro 3 LOH10 12419ccm 338kw(460PS)											
ENG. D2676 LOH26/LOH27/LOH28 12419ccm 324-371kw(440-505PS)											
ENG. D 2866 LFZ-Turbo 83→ FL450-480 11967ccm 213/243kw(290/330PS)	128 6	IN	V455	51 04101 0348 51 04101 0375 51 04101 0478	58x12x142,5	60	1	VV331	51 03201 0108	12x18,04x59,5	G F
			V455N1 V455N3	+0,5S +1,0S							
ENG. D 2866 KFZ-Turbo 83→ 19/30.361, 19.362 11967ccm 265kw(360PS)		EX	V456	51 04101 0367 51 04101 0479 51 04101 0447	51x12x142,5	45	1	VV332	51 03201 0102	12x18,04x56	G F
			V456N1 V456N3	+0,5S +1,0S							
ENG. D 2866 OH, UH 89→ F-Turbo Industrial Engines 11967ccm 180kw(245PS)											

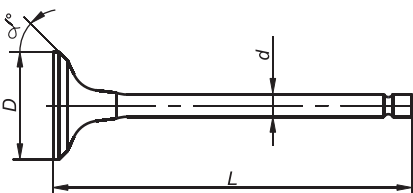
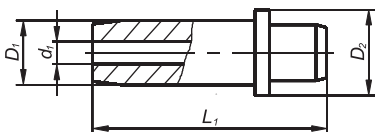
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAN – RABA											
ENG. D 2866 LOH 23, LUX LF-Turbo 11967ccm 272/309kw(370/420PS)	128 6	IN	V455	51 04101 0348 51 04101 0375 51 04101 0478	58x12x142,5	60	1	VV331	51 03201 0108	12x18,04x59,5	G F
			V455N1 V455N3		+0,5S +1,0S						
ENG. D 2876 LF, LOH 94→ Turbo Euro2 F2000 12810ccm 331kw(450PS)		EX	V456	51 04101 0367 51 04101 0479 51 04101 0447	51x12x142,5	45	1	VV332	51 03201 0102	12x18,04x56	G F
			V456N1 V456N3		+0,5S +1,0S						
ENG. E2842 LE312 21930ccm 360–400kw(489–544PS)	128 12	IN	V2083	51.04101.0438	58x12x142,5	60	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F
								VV331	51 03201 0108	12x18,04x59,5	G F
ENG. E2866 DF/E 11967ccm 114–344kw(155–468PS)	6										
ENG. E2866 Euro 2 DF 94→ 11967ccm 170kw(231PS)											
ENG. E2866 Euro 2 DOH01 11967ccm 177kw(241PS)		EX	V2084	51.04101.0439	51x12x142,5	60	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F
								VV332	51 03201 0102	12x18,04x56	G F
ENG. E2866 KAT 92→ DUH, DUH01, DUH02, DUH03 11967ccm 170–180kw(231–245PS)											
ENG. E2866 Euro 3 96→ LUH01, LUH02 11967ccm 228kw(310PS)											
ENG. D2876 KAT 04→ LE302/LUH01/LUH02 12816ccm 210–228kw(286–310PS)											
ENG. E2842 E/LE 21930ccm 143kw(194PS)	12										
ENG. G2866 DUH 11967ccm 122–344kw(166–468PS)	6										

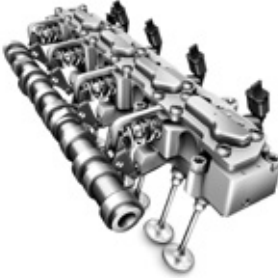
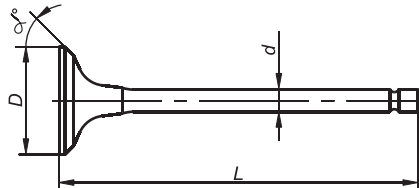
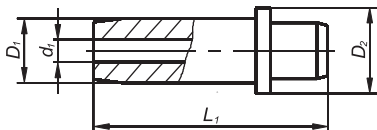
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MAN – RABA												
ENG. G2866 Euro 2 DUH01/DUH02/DUH05 11967ccm 151–177kw(205–240PS)	02→	128 6	IN	V2083	51.04101.0438	58x12x142,5	60	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F
									VV331	51 03201 0108	12x18,04x59,5	G F
ENG. G2876 KAT DUH01/DUH02 12816ccm 200kw(272PS)			EX	V2084	51.04101.0439	51x12x142,5	60	1	VV23 VV23N VV23.1 VV23.2 VV332	51 03201 0088 51 03201 1035 51 03201 1037 51 03201 0102	12x18,04x64 +0,05 +0,20 +0,40 12x18,04x56	G F G F G F
ENG. D 2842 LE201/LE202/LE203 21930ccm 446–682kw(606–928PS)	94→	128 12	IN	V455	51 04101 0348 51 04101 0375 51 04101 0478	58x12x142,5	60	1	VV23 VV23N VV23.1	51 03201 0087 51 03201 0088 51 03201 1034 51 03201 0093 51 03201 1035	12x18,04x64 +0,05 +0,20	G F
									VV23.2	51 03201 1037	+0,40	
		IN	V2085	51 04101 0462 51 04101 0499 51 04101 0509	58x12x142,5	60	4	VV23	51 03201 0087 51 03201 0088 51 03201 1034	12x18,04x64	G F	
		EX	V2086	51 04101 0463 51 04101 0501 51 04101 0503	51x12x142,5	45	4	VV23N VV23.1	 51 03201 0093 51 03201 1035	+0,05 +0,20		
		EX	V456	51 04101 0367 51 04101 0479 51 04101 0447	51x12x142,5	45	1	VV23.2	51 03201 1037	+0,40		
			V456N1 V456N3	 +0,5S +1,0S								

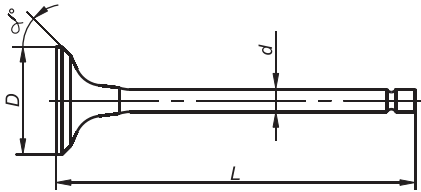
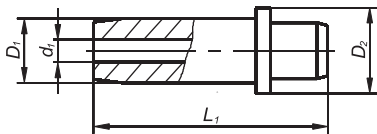
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
			1	2	3	4	5	6	7	8	9	10
MAN – RABA												
ENG. D 2876 LUH01, LUH02, LUH03 Euro 2 12816ccm	128 6	IN	V2085	51 04101 0509	58x12x142,5	60	4	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F	
		EX	V2086	51 04101 0501	51x12x142,5	45	4	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F	
NEW		IN EX	V2389 V2390		58x12x142,5 51x12x142,5	70 70	1 1					
ENG. D2866 Euro 3 LF23/LF25/LF26/LF27/LF28/LF38 LFG07/LOH27/LOH28/LOH29/LOH32 LOH33/LOH34/LOH35/LOH37/LOH38 LUH23/LUH24/LUH25/LUH27/LUH28 LUH29/LUH30/LUH34/LUH35/LUH36 LUH37/LUH50/LUH51/LUH52 11967ccm 191–301kw(260–410PS)	94→ 128 6	IN	V1235 V1235N3	51 04101 0482	46x9x153,6 +1,0S	60	1	VV302	51 04101 0115 51 04101 0126 51 04101 1079 51 04101 1090	9x15,04x66,5	G F	
		IN	V1423 V1423N3	51 04101 0547	46x9x153,6 +1,0S	60	3					
		EX	V1236 V1236N3	51 04101 0483	46x9x153,6 +1,0S	45	1	VV302	51 04101 0115 51 04101 0126 51 04101 1079 51 04101 1090	9x15,04x66,5	G F	
ENG. D2866 Euro 2 LF29/LF30/LF34/LF35 11967ccm 228–301kw(310–410PS)	97→	EX	V1424 V1424N3	51 04101 0548	46x9x153,6 +1,0S	45	3					
ENG. D2866 Euro 2 LF31/LF32/LF36/LF37/LF39/LF40 LF41/LF42/LFG05 11967ccm 228–301kw(310–410PS)	94→											
ENG. D2866 Euro 1 LG03 11967ccm 272kw(370PS)	94→											
ENG. D2866 Euro 1 LG04 11967ccm 309kw(420PS)	94→											
ENG. D2876 Euro 2 LF01/LF06/LF07/LF08/LF11 301–338kw(409–460PS)	97→											

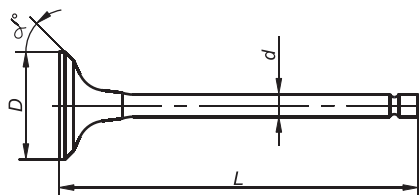
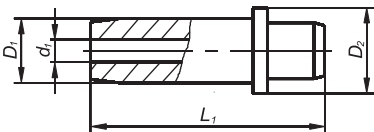
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MAN – RABA												
ENG. D2876 Euro 3 LF03/LF04/LF05/LF09/LF10 LF14/LF17/LF20/LF21/LF22 LF24/LFG01/LOH03 12816ccm 320–390kw(435–530PS)	99→	128	IN	V1235	51 04101 0482	46x9x153,6	60	1	VV302	51 04101 0115	9x15,04x66,5	G
		6		V1235N3		+1,0S				51 04101 0126		F
			IN	V1423	51 04101 0547	46x9x153,6	60	3		51 04101 1079		
				V1423N3		+1,0S				51 04101 1090		
ENG. D2876 Euro 3 LOH02/LOH04/LOH05 12816ccm 301–338kw(409–460PS)	98→		EX	V1236	51 04101 0483	46x9x153,6	45	1	VV302	51 04101 0115	9x15,04x66,5	G
				V1236N3		+1,0S				51 04101 0126		F
			EX	V1424	51 04101 0548	46x9x153,6	45	3		51 04101 1079		
				V1424N3		+1,0S				51 04101 1090		
ENG. D2840 Euro 3 LF25 18273ccm 485–515kw(660–700PS)	03→	128	IN	V1537	51.04101.0523	44x9x153,6	60	3	VV302	51 04101 0115	9x15,04x66,5	G
		10								51 04101 0126		F
ENG. D2876 Euro 3 LE402/LF12/LF13/LF25 LOH20/LOH21 12816ccm 301–412kw(410–560PS)	00→	6	EX	V1538	51.04101.0524	41x9x153,6	45	3	VV302	51 04101 0115	9x15,04x66,5	G
										51 04101 0126		F
										51 04101 1079		
										51 04101 1090		
MASSEY – FERGUSON												
ENG. 4.107 1753ccm 18/40kw(25/55PS)	79,4	4	IN	V70	31431661	35,9x8x116,8	45	1	VV03 VV03N4 VV03.1 VV03N VV03N7 VV03N1 VV03N6	33261723	8x12,73x62	G
					0910060						+0,02	A6
											+0,05	
											+0,1	
											+0,15	
											+0,20	
											–0,03 d ₁	
			EX	V71	31431861	30,3x8x117	45	1	VV03 VV03N4 VV03.1 VV03N VV03N7 VV03N1 VV03N6	33261723	8x12,73x62	G
					0910061						+0,02	A6
											+0,05	
											+0,1	
											+0,15	
											+0,20	
											–0,03 d ₁	

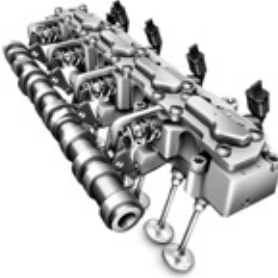
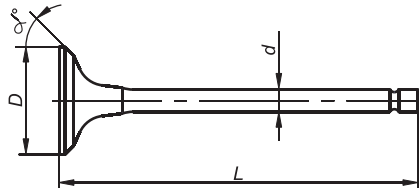
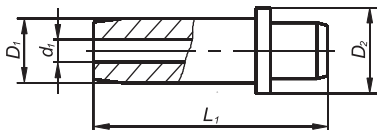
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MASSEY – FERGUSON												
ENG. P6.288 4730ccm	57-72 61kw(83PS)	88,9 6	IN	V07	31431261 731151 M1	39x8x114,3	45	1	VV03	33261723	8x12,73x62	G
				V07N		+0,3S			VV03N4		+0,02	A6
				V07N1		+0,5S			VV03.1		+0,05	
				V07N2		+1,2D			VV03N		+0,1	
				V07N3		+0,8S			VV03N7		+0,15	
				V07N4		+1,0S			VV03N1		+0,20	
				V07N5		+2,0S			VV03N6		-0,03d ₁	
			EX	V08	31431951 731152 M1 0910002	33,4x8x114,4	45	1	VV03	33261723	8x12,73x62	G
				V08N		+0,3S			VV03N4		+0,02	A6
				V08N1		+0,5S			VV03.1		+0,05	
				V08N2		+1,2D			VV03N		+0,1	
				V08N3		+0,8S			VV03N7		+0,15	
				V08N4		+1,0S			VV03N1		+0,20	
				V08N5		+2,0S			VV03N6		-0,03d ₁	
ENG. AD 3.152 2490ccm	69→ 28/42kw(33/57PS)	91,48 3	IN	V675	31431281 732811 M1	39x8x114,3	45	1	VV03	33261723	8x12,73x62	G
				V675N1		+0,5S			VV03N4		+0,02	A6
				V675N2		+0,8S			VV03.1		+0,05	
				V675N3		+1,0S			VV03N		+0,1	
									VV03N7		+0,15	
									VV03N1		+0,20	
									VV03N6		-0,03d ₁	
			EX	V676	31431591 737640 M1 31431271 31431941	33,4x8x114,3	45	1	VV03	33261723	8x12,73x62	G
				V676N1		+0,5S			VV03N4		+0,02	A6
				V676N2		+0,8S			VV03.1		+0,05	
				V676N3		+1,0S			VV03N		+0,1	
									VV03N7		+0,15	
									VV03N1		+0,20	
									VV03N6		-0,03d ₁	

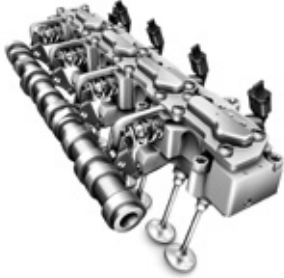
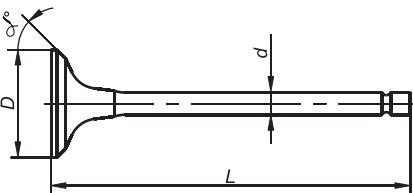
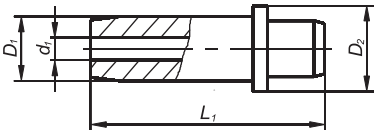
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MASSEY – FERGUSON												
ENG. A 4.236 3864ccm 37/65kw(50/89PS)	98,48 4	IN	V199 V199N V199N1 V199N2 V199N3 V199N5 V199N6 V199N7 V199N9	31431315	44,3x9,5x122,9 +0,3S +0,5S +0,8S +1,2S +0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d	45	1	VV01 VV01N VV01N2	33261732	9,5x15,9x58 +0,05 +0,40	G F	
ENG. D 4.212 3475ccm 69-76 44kw(60PS)	101,054 4		V343	31431311 31431871 733819 M1 31431103 31431641	44,3x9,5x122,9	45	1	VV01 VV01N VV01N2	3343F041	9,5x15,9x58 +0,05 +0,40	G F	
ENG. 4.236 3864ccm 65→ 48/60kw(59/80PS)	98,48 6		V343.1 V343.2 V343N V343N1 V343N2 V343N3 V343N5 V343N6 V343N7 V343N9		+0,075d +0,4d +0,3S +0,5S +0,8S +1,2S +0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d	60	1	VV01 VV01N VV01N2	33261732 3343F041	9,5x15,9x58 +0,05 +0,40	G F	
ENG. 4.212 3475ccm 69→ 44/47kw(60/64PS)	101,054 6		V1941	3142H002	44,2x9,5x122,8	60	1	VV01 VV01N VV01N2	33261732 3343F041	9,5x15,9x58 +0,05 +0,40	G F	
ENG. 4248 4064ccm 69→ 53/66kw(72/90PS)	98,48 6		V200 V200N V200N1 V200N2 V200N3 V200N5 V200N6 V200N7 V200N9	31431104	36,6x9,5x123,3 +0,3S +0,5S +0,8S +1,2S +0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d	45	1	VV02 VV02N VV02N2	33261752	9,5x15,9x61 +0,05 +0,40	G F6	
ENG. 6354 5794ccm 64→ 69/82kw(91/112PS)	101,054 6											
ENG. 6.372.4 6100ccm 69→ 82/87kw(112/118PS)	101,054 6											

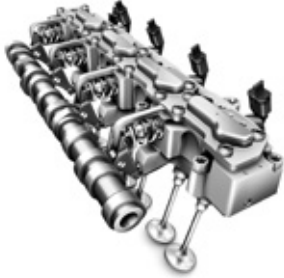
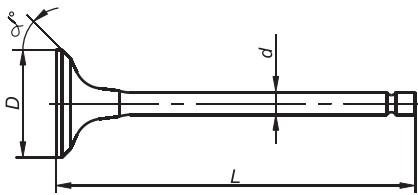
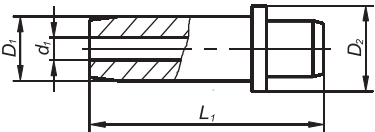
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MASSEY – FERGUSON												
ENG. A 4.236 3864ccm 37/65kw(50/89PS)	98,48 4	EX	V344	31431881 31431109 31431791 31431851 733818 M1 31431891 3142A052	36,6x9,5x123,3	45	1	VV02 VV02N VV02N2	3343J021	9,5x15,9x61 +0,05 +0,40	G F6	
ENG. D 4.212 3475ccm 69→76 44kw(60PS)												
ENG. 4.236 3864ccm 65→ 48/60kw(59/80PS)			V344.1 V344.2 V344N V344N1 V344N2 V344N3 V344N5 V344N6 V344N7 V344N9		0,075d +0,4d +0,3S +0,5S +0,8S +1,2S +0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d							
ENG. 4.212 3475ccm 69→ 44/47kw(60/64PS)												
ENG. 4248 4064ccm 69→ 53/66kw(72/90PS)	101,054 4											
ENG. 6354 5794ccm 64→ 69/82kw(91/112PS)	98,48 6											
ENG. 6.372.4 6100ccm 69→ 82/87kw(112/118PS)	101,054 6											
ENG. 1004-4T 3990ccm 99-03 70kw(95PS)	100 4	IN	V1267 V1267N3	3142 L081	43x9x123 +1,0S	60	1	VV303		9x13,05x51,3	G A1	
		EX	V1268 V1268N3	3142 D051	41x9x123 +1,0S	60	1	VV304		9x14,05x51,3	G A16	
ENG. 1103C-33 Euro 2 3300ccm 39/43kw(53/58PS)	105 3	IN	V1867	3142H071	46,3x9x129,2	60	1					
ENG. 1103CT-33 Euro 2 3300ccm 47/55kw(64/75PS)		EX	V1868	3142A151	41,6x9x129,2	60	1					

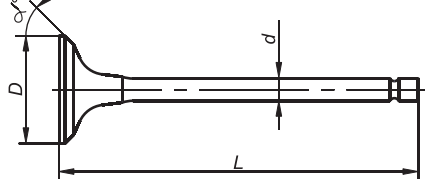
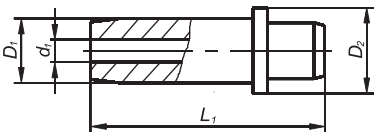
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MAZDA												
Festival 121 1.3 Familia 323 1.3 Eng B3 1323 ccm 40/44kw(54/60PS)	87→ 89→	71 4	IN EX	V1153 V1154	B 308-12111 B 313-12121	33x7x105,4 28x7x104,2	45 45	1 1				
121 1.3 16V Eng. B3 1323 ccm 323 1.3 16V Eng. TC 1272 ccm		71 4 73 4	IN EX	V1907 V1908	B3C7-12111A B3D2-12121A B3C7-12121A	25,5x6x108,3 21,5x6x109,4	45 45	1 1	VV321 VV321N VV322 VV322N	B6Z0-10-280 B6Z0-10-290	6x11,05x48,6 +0,05 6x11,05x48,6 +0,05	G P1 G P16
Mazda 2 1.2 16V Eng. C2, FUJA 1242 ccm	04→	71,9 4	IN EX	V1411 V1412	C201-12111 C201-12121	26x6x99,7 22x6x101,8	45 45	3 3	VV274 VV274.1 VV274 VV274.1		6x11,05x39 +0,05 6x11,05x39 +0,05	G A G A
Mazda 121 1.3 16V Eng. DHA 1242 ccm 55kw(75PS)	97→	71,9 4	IN EX	V915 V916	1E05-12111 1E05-12121	26x6x97,7 22x6x99,7	45 45	1 1	VV274 VV274.1 VV274 VV274.1		6x11,05x39 +0,05 6x11,05x39 +0,05	G A G A
121 1.3i 16V Eng. DHA 1242 ccm 55kw(75PS)	96-02	71,9 4	IN EX	V959 V960	97MM6507A2B 1051772 98MM6505A2A 1051770	26,1x6x97,7 22,1x6x99,7	45 45	3 3	VV274 VV274.1 VV274 VV274.1		6x11,05x39 +0,05 6x11,05x39 +0,05	G A G A
121 1.3i Eng. JJB-J4D 1299 ccm 37/44kw(50/60PS)	96→	74 4	IN EX	V739 V739.1 V739N1 V740 V740.1 V740N1	1E03-12111 1E03-12121	34,5x7x104 +0,20d +0,35d 29x7x104,4 +0,20d +0,35d	45 45	3 3				
Mazda 3 1.4i 16V Eng. ZJ 1349 ccm 62kw(84PS)	04→	74 4	IN EX	V1755 V1756	ZJ01-12111A ZJ01-12121	27,7x5,5x98,3 24x5,5x98,8	45 45	1 1	VV396 VV396	LFY-10-281 LFY-10-281	5,5x11,06x39 5,5x11,06x39	G A G A

	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MAZDA												
Mazda 2 1.4i 16V Eng. FXJA – FYJA 1388 ccm 74kw(101PS)	03→	76 4	IN	V1288	C601–12111A	28x6x99,5	45	3	VV178 VV178.1		6x12,03x36 + 0,05	G A
Mazda 2 1.6i 16V Eng. HWDA – HWDB 1596 ccm	03→	79 4	EX	V1026	C401–12121	24,1x6x101,5	45	3	VV178 VV178.1		6x12,03x36 + 0,05	G A
Demio 60/75 1.3 16V 1324 ccm 46/53kw(63/72PS)	99→	78 4	IN	V715	B 366–12111	25,5x6x104	45	1	VV321	B6Z0–10–280	6x11,05x48,6	G P1
Demio 1.5 16V 323 1.6 16V 1597 ccm 85–95 55kw(75PS)	98→ 85–95		EX	V716	B 366–12121	21,5x6x105	45	1	VV322	B6Z0–10–290	6x11,05x48,6	G P16
Mazda 323 1.5i 16V Eng. ZL/DE 1498 ccm 65kw(88PS)	98→	78 4	IN	V1759	ZL02–12111	29,2x6x91,2	45	1	VV439	FSY–10–280	6x11,06x38	G P16
Mazda 323 1.6i 16V Eng. ZM 1597 ccm 70/72kw(95/98PS)	98→		EX	V1760	ZL02–12121	25,9x6x90,6	45	1	VV439	FSY–10–280	6x11,06x38	G P16
Mazda 3 1.6i 16V Eng. B6ZE 1598 ccm 77kw(105PS)	04→	78 4	IN	V1757	ZY01–12111A	29,2x5,5x97,1	45	1	VV396	LFY–10–281	5,5x11,06x39	G A
			EX	V1758	ZY01–12121	25,9x5,5x96,6	45	1	VV396	LFY–10–281	5,5x11,06x39	G A
323 1.6 Familia 1.6 Capella 1.6 MX3 1.6 Eng. B6 OHC 8V 1597 ccm 63kw(86PS)	85→ 85→ 87→ 92→	78 4	IN	V1383	B541–12111	29,5x6x104	45	1	VV321	B6Z0–10–280	6x11,05x48,6	G P1
			EX	V1384	B541–12121	23,5x6x105	45	1	VV322	B6Z0–10–290	6x11,05x48,6	G P16
323 1.6 16V Familia 1.6 16V Capriole 1.6 16V Etude 1.6 16V MX5 1.6 16V Eng. B6 DOHC 16V 323 1.6 16V Turbo Familia 1.6 16V Turbo Eng. B6 DOHC 16V Turbo 1597 ccm 54–85kw(73–116PS)	88→ 87→ 87→ 87→ 91→ 84→ 84→											

	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAZDA											
MX3 1.6i 16V MX5 1.6i 16V 1597 ccm 65/85kw(88/115PS)	96→ 98→ 4	78 4 IN EX	V1143 V1144	B 657-12111 B 660-12121	31x6x105,4 26,2x6x105,4	45 45	1 1				
Mazda 2 1.6 16V Mazda 3 1.6i 16V Eng. FUJA 1596 ccm 74kw(101PS)	04→ 03→ 4	79 4 IN EX	V1025 V1026	C601-12111 C401-12121	30x6x99 24,1x6x101,5	45 45	3 3	VV383 VV383N VV383 VV383N	11122-10040 11122-10040	6x11,05x40,5 +0,05 6x11,05x40,5 +0,05	G P G P
Mazda 2 1.6 16V Mazda 3 1.6 16V Eng. FUYA 1596 ccm 74/76kw(101/103PS)	03→ 03→ 4	79 4 IN EX IN EX	V985 V986 V1115 V1062	928M6507E2A 1041830 948M6505C2A 1033898 98MM6507C2B 1072048 98MM6505B2B 1069529	26x6x97,1 24,5x6x96,7 30,1x6x97 24,1x6x99,4	45 45 45 45	3 3 3 3	VV178 VV178.1 VV178 VV178.1 VV178 VV178.1		6x12,03x36 + 0,05 6x12,03x36 + 0,05 6x12,03x36 + 0,05 6x12,03x36 + 0,05	G A G A G A G A
Familia, 323 1.8i 16V MX5 1.8i 16V Eng. BP/B5 1840 ccm 102/107kw(139/146PS)	94→ 98→ 4	83 4 IN EX	V1637 V1638	BP05-12111 BP4W-12111 BP05-12121A BP4W-12121	32,9x6x101,7 28x6x102	45 45	1 1	VV321 VV321N VV322 VV322N	B6Z0-10-280 B6Z0-10-290	6x11,05x48,6 + 0,05 6x11,05x48,6 + 0,05	G P1 G P16
Mazda 5 1.8i 16V Mazda 6 1.8i 16V Eng. L8, Ford Duratec 1798 ccm 85kw(115PS)	05→ 02→ 4	83 4 IN EX	V1363 V1364	L801-12111 1324691 L801-12121C 1324690	32,5x5,5x103,4 28x5,5x104,6	45 45	1 1	VV396 VV396	LFY1-10-281 LFY1-10-281	5,5x11,06x39 5,5x11,06x39	G A G A
CX5 2.0 16V 6 2.0 16V 3 2.0 16V Eng. PEY6, PEY7 1998 ccm	11→ 13→ 14→ 4	83,5 4 IN EX	V2087 V2088	PE01-12-111 PE01-12-121	33,2x5,5x107,1 28x5,5x117	45 45	1 1				

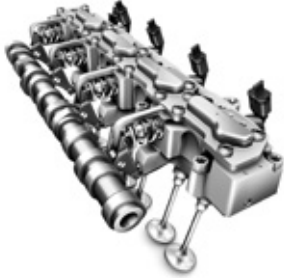
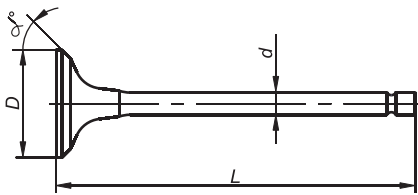
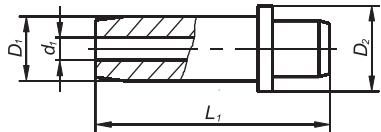
											
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAZDA											
323 1.8i 16V 626 1.8i 16V MX6 1.8i 16V Premacy 1.8i 16V Eng. FP/FP-9A 1840 ccm	98→ 97→ 93→ 99→ 66/77/84kw	4	IN	V1749	FS01-12111C FS01-12111B	31,5x6x89,8	45 1	VV439	LFY1-10-280	6x11,06x38	G P16
626 2.0i 16V MX6 2.0i 16V MPV 2.0i 16V Premacy 2.0i 16V Eng. FS/FS-DS 1991 ccm	92→ 92→ 99→ 04→ 85/90kw(115/122PS)	6	EX	V1750	FS01-12121B FS01-12121A	27,6x6x90,1	45 1	VV439	LFY1-10-280	6x11,06x38	G P16
MX3 1.8i 24V Xedos 6 1.8i 24V Eng. K819 1845 ccm	92→ 98kw(133PS)	V6	IN	V1761	KF01-12111A	28,5x6x94,2	45 1	VV439	FSY-10-280	6x11,06x38	G P16
Xedos 6 2.0i 24V Xedos 9 2.0i 24V Eng. KF/KF1 1995 ccm	94→ 94→ 105kw(143PS)		EX	V1762	KF01-12121	23x6x95,2	45 1	VV439	FSY-10-280	6x11,06x38	G P16
Tribute 2.0 16V 1998ccm	03→	4	IN	V1909	YF09-12111	32x6x97,1	45 1				
			EX	V1886	YF09-12121	28x6x96,6	45 1				
Capella 626 2.0 Luce 929 2.0 Eng. FE/EFI DOHC 1998ccm	82→ 82→ 75kw(102PS)	86 4	IN	V1017	F 201-12111	32,5x7x115,8	45 1				
626. 2200 12V 929. 2200 12V MX-6 2200 12V Eng. F2/F2 Turbo 2184ccm	88→ 85kw(115PS)		EX	V1018	F 201-12121 B	34x7x116,2	45 1				
CX-7 2.3 16V T DISI Eng. MZR TURBO 16V 2261ccm	07→	87 4	IN	V1911	L3K9-12111	35x6x103,5	45 1				
			EX	V1912	L3K9-12121C	30x6x104,7	45 1				

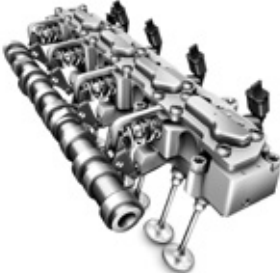
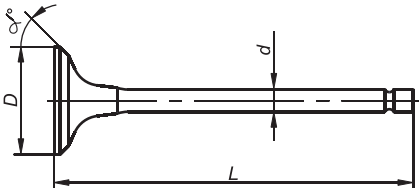
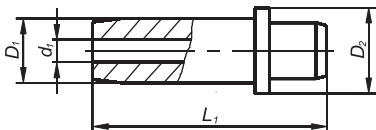
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAZDA											
		IN	V1869		33,7x6x103,2	45	1				
		EX	V1870		29x6x104	45	1				
Mazda 3 2.0i 16V 03→ Mazda 5 2.0i 16V 05→ Mazda 6 2.0i 16V 03→ Eng. LFF7 1999 ccm 118kw(160PS)	87,5 4	IN	V1495	LF01-12111	35x5,5x103,4	45	1	VV396	LFY1-10-281	5,5x11,06x39	G A
		EX	V1496	LF01-12121 LF02-12121	30x5,5x104,6	45	1	VV396	LFY1-10-281	5,5x11,06x39	G A
Mazda 6 2.3 16V 03→ MPV 2.3 16V 03→ Eng. L3 2261 ccm 104/122kw(141/166PS)											
Tribute 3.0 03→ 2967ccm		V6	IN V1913 EX V1914	AJ03-12111 AJ03-12121	34,9x6x114,5 29,9x6x115,4	45	3 3				
MAZDA DIESEL											
Mazda 2 1.4CDTi 03→ Eng. F6JA, F6JB 1399 ccm 50kw(68PS)	73,7 4	IN	V1205	Y401-12111 SU001-00551	32,8x5,5x97,3	45	3	VV399 VV399N		5,5x9,56x34 + 0,05	G A
		EX	V1206	Y401-12121 SU001-00552	30,3x5,5x97,3	45	3	VV399 VV399N		5,5x9,56x34 + 0,05	G A
Mazda 3 1.6CDi 16V 04→ ENG.DV6 TED4 – Y601 1560 ccm 80kw(109PS)	75 4	IN	V1493	Y601-12111	25,6x5,5x96,4	45	3	VV399 VV399N		5,5x9,56x34 + 0,05	G A
		EX	V1494	Y601-12121	23,4x5,5x96,6	45	3	VV399 VV399N		5,5x9,56x34 + 0,05	G A
323 1.7 TD 94→ Eng. 4EE1-T 1686ccm 60/65kw(82/88PS)	79 4	IN	V671	641 007	34,6x7x104,1	45	1	VV196 VV196.1 VV196N VV196N1	642 005	7x11,55x43 + 0,05 + 0,10 +0,15	G P1
		EX	V672	641 300	30,6x7x104	45	1	VV196 VV196.1 VV196N VV196N1	642 005	7x11,55x43 + 0,05 + 0,10 +0,15	G P1

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MAZDA DIESEL												
121 1.8 D Eng. RTF RTE 1753ccm 44kw(60PS)	96→ 4	82,5 4	IN EX	V613 V614	89FF6507AA 89FF6505AA	36,5x8x107,1 32x8x109,2	45 45	3 3	VV179 VV179	7402396 7402396	8x12,76x38 8x12,76x38	G F G F
CX 2.2 D 6 2.2 D 3 2.2 D Eng. SHY1 2191ccm	12→ 13→ 14→	83,5 4	IN EX	V2089 V2090	SH01-12-111 SH01-12-121A	29,7x5,5x103 25,5x5,5x99,9	45 45	1 1				
Mazda 6 2.0 TDi 16V Mazda 323 2.0 TDi 16V Mazda 626 2.0 TDi 16V Premacy 2.0 TDi 16V MPV 2.0 TDi 16V Eng. RFDiTD 1998ccm 66kw(90PS)	02→ 99→ 98→ 00→ 02→	86 4	IN EX	V1513 V1514	RF2A-12111 RF2A-12121	29,7x6x115,3 25,5x6x114,6	45 45	1 1	VV360 VV360	RFY-10-291 RFY-10-291	6x11,04x45 6x11,04x45	G P G P
Mazda 3 2.0TD 16V Mazda 5 2.0CDTi 16V Mazda 6 2.0CDTi 16V MPV 2.0CDTi 16V Eng. RF5 1998ccm 89/100kw(121/136PS)	03→ 05→ 02→	86 4	IN EX	V1639 V1514	RF5C-12111 RF5C-12121 RF2A-12121	27,2x6x115,2 25,5x6x114,6	45 45	1 1	VV360 VV360	RFY-10-291 RFY-10-291	6x11,04x45 6x11,04x45	G P G P
6.2.2 CD CX 7 2.2 CD Eng. MRZ 2184ccm	09→ 09→	86 4	IN EX	V1915 V1916	R2AA-12-111 R2AA-12-121	27,3x6x91,8 25,4x6x91,3	45 45	1 1	VV360 VV360	RFY-10-291 RFY-10-291	6x11,04x45 6x11,04x45	G P G P
626, Cosmo 2.0 D Bongo , Coppela 2.0 D Telester 2.0 D Spectron 2.0 D Eng. RF OHC 1998ccm 53kw(72PS)	83→ 83→ 83→ 83→	86 4	IN EX	V1023 V1024	RF01-12111 RF01-12121	41x8x107 36x8x106,8	45 45	1 1	VV279 VV280	011-10-280 011-10-290	8x14,04x40,5 8x14,04x37,7	G A1 G A16

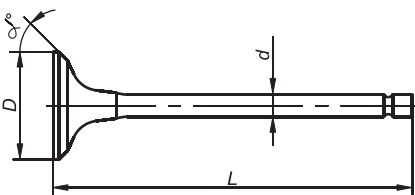
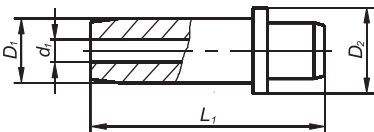
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAZDA DIESEL											
323 2.0TD 94→ 626 2.0TD 94→ Primacy 2.0 TD Eng. RF Turbo 1998ccm 46/55kw(63/75PS)		86 4	IN	V1023	RF01-12111	41x8x107	45 1	VV279	011-10-280	8x14,04x40,5	G A1
B Series 2.2 D Pick up 84→ Bongo 2.2 D 83→ E Series 2.2 D Bus/Van 84→ Eng. R2 2184ccm 47/52kw(64/71PS)			EX	V1024	RF01-12121	36x8x106,8	45 1	VV280	011-10-290	8x14,04x37,7	G A16
BT 50 2.5 TD 4x4 06→ MPV 2.5 TD 99→ B2500 2.5 TDS 98→ Eng. WLT/WG 2499ccm 80/105kw(109/143PS)		93 4	IN	V1515	WL01-12111 WL51-12111	32,7x7x112	45 1	VV465	WLY1-10-280	7x12,06x46	G P1
BT-50 tdi 16V 06→ Eng. WL 2499ccm		93 4	IN	V2047	1449108 6M346507AA	31x6x112	45 1				
			EX	V2048	1449109 6M346505AA	28x6x112	45 1				
MERCEDES – BENZ											
ENG. M 160 E6AL B03 599ccm 40kw(54PS)	63,5 3	IN	V1125	160 053 0001	30x6x89,3	45 1	VV562 VV562N			6x12,56x35 +0,05	G F
ENG. M 160 E6AL B04 559ccm 33kw(45PS)		EX	V1126	160 053 0027	25x6x89,3	45 1	VV562 VV562N			6x12,56x35 +0,05	G F
ENG. M 160 E6AL B05 599ccm 45kw(61PS)											
A140/A140 Long 1.4i 97→ Eng. M166.940 1397ccm 59kw(80PS)	80 4	IN	V1549	166 053 0101	40x6x103	45 1	VV345 VV345N VV345.1	606 053 1229 606 053 1329		6x12,56x37,5 +0,05 +0,20	G F
A160/A160 Long 1.6i 97→ Vaneo 1.6i 02→ Eng. M166.960/961 1598ccm 75kw(102PS)		EX	V1550	166 050 0327	34x7x102,7	45 1	VV185 VV185N VV185.1	606 053 0230 606 053 0330		7x12,56x37,5 +0,05 +0,20	G F

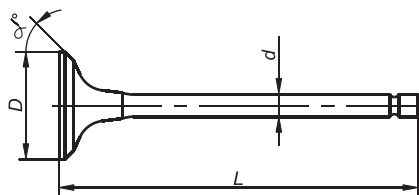
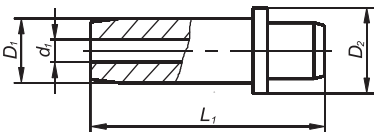
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS $d_1 \times D_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ											
V280 2.8 12V Eng. M104. 900 2792ccm 128kw(174PS)	97-01	81 6	IN	V929	021 109 601H	39x7x106	45 3	VV149	027 103 419	7x13/12,07x38	B
			EX	V930	021 109 611D	34,2x7x107	45 3	VV149.1	027 103 423	+0,05	G
E 200 CGI 1.8 M.271.820 / 860 1796ccm 115/150kw(156/204PS)		82 4	IN	V2379	A 271 053 1001	32x6x105,4	45 3	VV202		6x12,56x43,5	B
			EX	V2380	A 271 050 1127	28x6x109	45 3	VV202.1 VV202.2 VV202.3		+0,05 +0,10 +0,20	F
SLK 200 1.8 M.271.860 1796ccm 115/150kw(156/204PS)			IN								
			EX								
SLK 200 1.8 M.271.861 1796ccm 135/150kw(184/204PS)			IN								
			EX								
NEW			IN								
			EX								
C160 1.8 16V Kompresor C180 1.8 16V Kompresor C200 1.8 16V Kompresor C200 1.8 16V Kompr. CGI CLK200 1.8 16V Kompresor CLK200 1.8 16V Kom. CGI. E200 1.8 16V Kompresor SLK200 1.8 16V Kompresor C230 1.8 16V Kompresor Eng. M271.940/941/946/948 1796ccm 90/105/120/125/135/150kw	03→ 00→ 00→ 00→ 02→ 02→ 02→ 04→ 00→	82 4	IN	V1763	271 053 0001	30,5x7x105,4	45 1	VV481	137 053 0230	7x12,56x40	G
			EX	V1764	271 050 0027 271 050 0427	27x7x109,2	45 1	VV481N		+0,05	F1
C180 1.8 16V Kompresor C200 1.8 16V Kompresor E200 1.8 16V Kompresor Eng. M271.950/952 1796ccm 115/135kw(156/184PS)	07→ 07→ 03→	82 4	IN	V1765	271 053 0501	30,5x6x105,4	45 3	VV481	137 053 0230	7x12,56x40	G
			EX	V1766	271 050 0627	27x6x109,3	45 3	VV481N		+0,05	F1
C180 1.8 16V Kompresor C200 1.8 16V Kompresor E200 1.8 16V Kompresor Eng. M271.950/952 1796ccm 115/135kw(156/184PS)	07→ 07→ 03→	82 4	IN	V1765	271 053 0501	30,5x6x105,4	45 3	VV202		6x12,56x43,5	B
			EX	V1766	271 050 0627	27x6x109,3	45 3	VV202.1 VV202.2 VV202.3		+0,05 +0,10 +0,20	F
C180 1.8 16V Kompresor C200 1.8 16V Kompresor E200 1.8 16V Kompresor Eng. M271.950/952 1796ccm 115/135kw(156/184PS)	07→ 07→ 03→	82 4	IN	V1765	271 053 0501	30,5x6x105,4	45 3	VV202		6x12,56x43,5	B
			EX	V1766	271 050 0627	27x6x109,3	45 3	VV202.1 VV202.2 VV202.3		+0,05 +0,10 +0,20	F

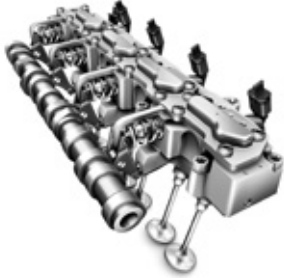
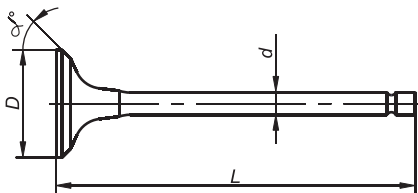
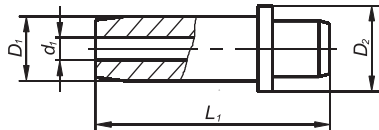
											
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS $d_1 \times D_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ											
GLA-CLASS (x156) Eng. M270.910, M274.910 1595ccm 75/95/115kw(102/129/156PS)	15→	83 4	IN EX	V2333 V2334	2700530001 2700500100	31,5x6x115,8 25x6x117,1	45 3 45 3				
A180 1595ccm	12→										
A200	13→										
A250											
B200											
B250											
CLA180											
CLA250 Eng. M270 BLUE EFFICIENCY 1911ccm											
E-CLASS	15→										
SLK 200, 300	15→										
Vito Eng. M270.920, M274.920 1991ccm 115–180kw(156–245PS)	15→										
A150 1.5 B150 1.5 Eng. MB266.920 1498ccm	04→ 05→	83 4	IN EX	V1527 V1574	166 053 0201 266 053 0105 266 050 0027	43x6x103 35x7x102,7	45 1 45 1	VV345 VV345N VV345.1 VV185 VV185N VV185.1	606 053 1229 606 053 1329 606 053 0230 606 053 0330	6x12,56x37,5 +0,05 +0,20 7x12,56x37,5 +0,05 +0,20	G F G F
A170 1.7 B170 1.7 Eng. MB266.940 1699ccm	04→ 05→										
A200 2.0 B200 2.0 Eng. MB266.960/980 2034ccm	04→ 05→										

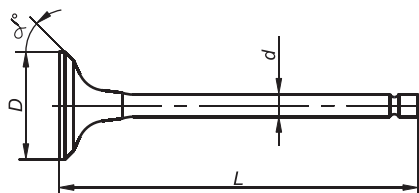
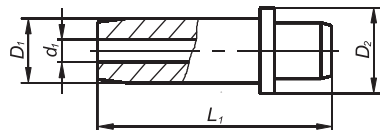
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ											
C240 2.4 18V E240 2.4 18V Eng. M112. 910/911 2398ccm 120/125kw(163/170PS)	97→00 V6	83,2 IN	V1425	113 053 0001	30x7x120,7	45	1	VV346 VV346N VV346.1 VV346.2	113 053 0329 113 053 0429	7x12,56x50 +0,05 +0,20 +0,60	G F
		EX	V1426	113 050 0127	34x7x121,7	45	1	VV346 VV346N VV346.1 VV346.2	113 053 0329 113 053 0429	7x12,56x50 +0,05 +0,20 +0,60	G F
C240 2.4 18V E240 2.4 18V Eng. M112.910–914 2398ccm 125/130kw(170/177PS)	00→ 00→ V6	83,2 IN	V1551	113 053 0101	36x7x119,4	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
		EX	V1552	113 050 0227	41x7x122,3	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
A150 1.5 B150 1.5 Eng. M266.920 1498ccm 70kw(95PS)	04→ 05→ V6	83 IN	V1527	166 053 0201	43x6x103	45	1	VV345 VV345N VV345.1	606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20	G F
A170 1.7 B170 1.7 Eng. M266.940 1699ccm 85kw(115PS)	04→ 05→ V6	EX	V1528	166 050 0427	36x7x102,7	45	1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
A200 2.0 B200 2.0 Eng. M266.960 2034ccm 100kw(136PS)	04→ 05→ V6	83 IN	V1527	166 053 0201	43x6x103	45	1	VV345 VV345N VV345.1	606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20	G F
A190/A190 Long 1.9i Vaneo 1.9i Eng. M166.990/991 1898ccm 92kw(125PS)	99→ 02→ V6	84 EX	V1528	166 050 0427	36x7x102,7	45	1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F

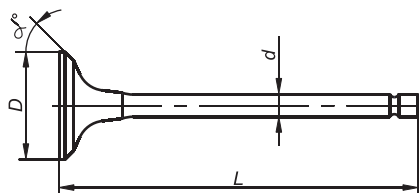
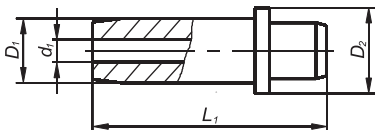
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS $d_1 \times D_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ											
C180 1.8 16V Eng. M111.920/921 1799ccm 86/90kw(117/122PS)	93-01	85,3 4	IN	V1545	111 053 0301 111 053 0401	33x7x101,5	45 3	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
			EX	V1546	111 050 0627	29x7x103,5	45 3	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
C180 1.8 16V Eng. M111.920 1799ccm 86/90kw(117/122PS)	98→	85,3 4	IN	V1437	111 053 1201	33x7x101,5	45 1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
			EX	V1438	111 050 1327	29x7x103,5	45 1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
C 180 1.8 C 180T 1.8 Eng. M111 1799ccm 90kw(122PS)	93-00 96-00	85,3 4	IN	V1229	111 053 1101	35x7x101,5	45 1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
			EX	V1230	111 050 1227	31x7x103,5	45 1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
C230 2.4 Eng. M272. 921 2496ccm 150kw(204PS) CLK280 3.0 07→ C280 3.0 07→ E280 3.0 07→ R280 3.0 07→ Eng. M272. 943/945/947 2996ccm 170kw(231PS)	06→	86 V6	IN	V1767	272 053 0801	37x6x109,4	45 3				
			EX	V1768	272 050 0927	28x6x107,4	45 3				
200 E, 200 CE 2.0 16V 200 TE, E 200 2.0 16V E 200/T, 2.0 16V Eng. M111 E20 1998ccm 100kw(136PS)	95→ 95→ 95→	89,9 4	IN	V1229	111 053 1101	35x7x101,5	45 1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
			EX	V1230	111 050 1227	31x7x103,5	45 1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F

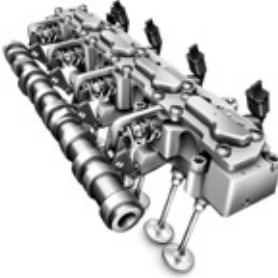
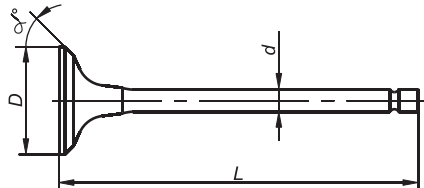
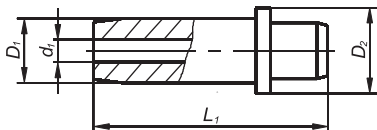
	CYL. Ø Nº	IN EX										
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MERCEDES – BENZ												
220 E, 220 TE, 220 CE2.2 16V E 220, C 220 2.2 16V Eng. M111 E22 2199ccm 100kw(136PS)	95→ 95→	89,9 4	IN	V1229	111 053 1101	35x7x101,5	45	1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
C200, C200T, SL200 2.0 16V SLK200, CLK200 2.0 16V Eng. M111 E20 1998ccm 100kw(136PS)	97→ 97→		EX	V1230	111 050 1227	31x7x103,5	45	1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
C200T 2.0 16V Eng. M111 E20 1998ccm 100kw(136PS)	97→											
C240, E240 2.6 18V CLK240 2.6 18V Eng. M112.912/914 2597ccm 125/130kw(170/177PS)	99→ 02→	89,9 V6	IN	V1551	113 053 0101	36x7x119,4	45	1	VV346 VV346N VV346.1 VV346.2	113 053 0329 113 053 0429	7x12,56x50 +0,05 +0,20 +0,60	G F
C280, E280 2.8 18V E280 4 Matic 2.8 18V S280, SL280 2.8 18V Eng. M112 2799ccm 145/150kw(197/204PS)	97→ 97→ 95→		EX	V1552	113 050 0227	41x7x122,3	45	1	VV346 VV346N VV346.1 VV346.2	113 053 0329 113 053 0429	7x12,56x50 +0,05 +0,20 +0,60	G F
C320 3.2 18V E320, CLK320 3.2 18V S/SL/SLK320 3.2 18V C32 Kompressor AMG 3.2 18V Eng. M112.961 3199ccm 158/170/260kw	00→ 97→ 98→ 01-04											
Viano 3.2 18V Vito 3.2 18V Eng. M112.951 3199ccm 140/160kw(190/218PS)	03→ 03→											
S430/E430 4.3 24V ML430, CLK430 4.3 24V C43 Kompressor AMG 4.3 24V Eng. M113.940.944 AMG/948 4266ccm 200/225kw(272/306PS)	97→ 98→ 97-00	89,9 8										

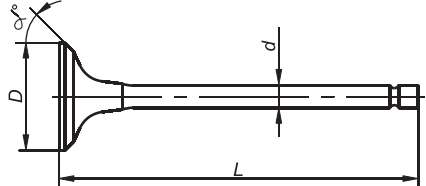
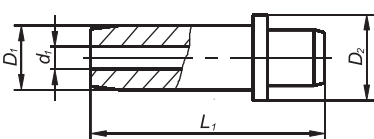
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MERCEDES – BENZ												
190, 190E, 200 2.0 Eng. M102. 921 1997 ccm 63/66kw(86/90PS)	82→	89 4	IN	V989	102 053 0601	40x8x114,9	45	1	VV263 VV263N VV263.1	102 050 8924	8x14,05x46 +0,05 +0,20	B F1
			EX	V990	102 050 0427	36x9x115,8	45	1	VV264 VV264N VV264.1	102 050 0562 102 050 0362	9x14,05x51 +0,05 +0,20	B F1
190E 1.8 Eng. M102 1797 ccm 77/80kw(105/109PS)	90→	89 4	IN	V991	102 053 1801	43x8x115	45	1	VV263 VV263N VV263.1	102 050 8924	8x14,05x46 +0,05 +0,20	B F1
190E 2.0 190E/200 E/CE 2.0 Eng. M102 1997 ccm 90kw(122PS)	82→ 84→		EX	V992	102 050 0327	39x9x115,8	45	1	VV264 VV264N VV264.1	102 050 0562 102 050 0362	9x14,05x51 +0,05 +0,20	B F1
190 2.0 Eng. M102 1997 ccm 77kw(105PS)	84→											
200, 200T/TE 200GE 4x4 2.0 Eng. M102 1997 ccm 74/80kw(100/109PS)	84→ 84→											
230CE 2.3 Coupe 230GE 2.3 0309 2.3 Eng. OM102 2299ccm 70–100kw(95/136PS)	89–92 93→ →89											
600 SE, SEL 6.0 48V 600 SEC SL 6.0 48V Eng. M120 5987 ccm 300kw(408PS)	91→ 92→	89 V12	IN	V1099	104 053 1401	35x7x101,5	45	1	VV261 VV261N VV261.1	104 050 5224 104 050 5324	7x13,53x35,5 +0,05 +0,20	B F1
SL60 AMG 6.0 32V Eng. M120 5956ccm 280kw(381PS)	97–01	89,9 8	EX	V1100	104 050 1727	31x8x103,5	45	1	VV308 VV308N VV308.1	104 050 4724 104 050 4824	8x13,53x38 +0,05 +0,20	B F1

											
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ											
300 SE, SEL 3.2 24V S320 3.2 24V Eng. M104 3199 ccm 170kw(231PS)	91→ 91→	89,9 6	IN EX	V1099 V1100	104 053 1401 104 050 1727	35x7x101,5 31x8x103,5	45 1 45 1	VV261	104 050 5224	7x13,53x35,5	B
								VV261N		+0,05	F1
								VV261.1	104 050 5324	+0,20	
								VV308	104 050 4724	8x13,53x38	B
C200 2.0 16V E200 2.0 16V 200E/CE/TE 2.0 16V Eng. M111.941/942 1998ccm 100/110kw(136/150PS)	93→ 92→ 92→	89,9 4	IN EX	V1547 V1548	111 053 0201 111 053 0101 111 050 0527	35x7x101,5 31x7x103,5	45 3 45 3	VV185	606 053 0230	7x12,56x37,5	G
								VV185N		+0,05	F
								VV185.1	606 053 0330	+0,20	
								VV185	606 053 0230	7x12,56x37,5	G
C220 2.2 16V E220 2.2 16V 220E/CE/TE 2.2 16V Eng. M111.960/961 2199ccm 110kw(150PS)	93→ 92→ 92→	89,9 6	IN EX	V1547 V1548	111 053 0201 111 053 0101 111 050 0527	35x7x101,5 31x7x103,5	45 3 45 3	VV185	606 053 0230	7x12,56x37,5	G
								VV185N		+0,05	F
								VV185.1	606 053 0330	+0,20	
								VV185	606 053 0230	7x12,56x37,5	G
C280 2.8 24V S280, SL280 2.8 24V 280E/TE, E280 2.8 24V Eng. M104.941/944/945 2799ccm 142/145kw(193/197PS)	93→ 92→ 92→	89,9 6	IN EX	V1547 V1548	111 053 0201 111 053 0101 111 050 0527	35x7x101,5 31x7x103,5	45 3 45 3	VV185	606 053 0230	7x12,56x37,5	G
								VV185N		+0,05	F
								VV185.1	606 053 0330	+0,20	
								VV185	606 053 0230	7x12,56x37,5	G
CL600 6.0 48V S600, SL600 6.0 48V Eng. M120.980/981/982 5987ccm 290kw(394PS)	92→ 92→	89 V12	IN EX	V1547 V1548	111 053 0201 111 053 0101 111 050 0527	35x7x101,5 31x7x103,5	45 3 45 3	VV185	606 053 0230	7x12,56x37,5	G
								VV185N		+0,05	F
								VV185.1	606 053 0330	+0,20	
								VV185	606 053 0230	7x12,56x37,5	G
S320, SL320 3.2 24V 320E/CE/TE 3.2 24V E320 3.2 24V G320 4x4 3.2 24V Eng. M104.992/995/996 3199ccm 155/170kw(211/231PS)	92→ 92→ 92→ 93→	89,9 6	IN EX	V1547 V1548	111 053 0201 111 053 0101 111 050 0527	35x7x101,5 31x7x103,5	45 3 45 3	VV185	606 053 0230	7x12,56x37,5	G
								VV185N		+0,05	F
								VV185.1	606 053 0330	+0,20	
								VV185	606 053 0230	7x12,56x37,5	G

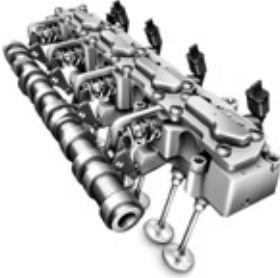
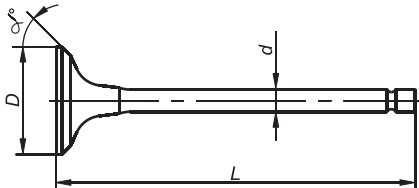
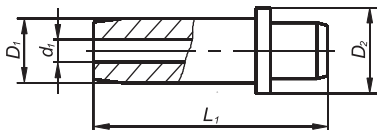
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MERCEDES – BENZ												
C280, 280E 2.8 24V 280TE, E280 2.8 24V Eng. M104 2799ccm 142kw(193PS)	95→ 95→	89,9 6	IN EX	V1229 V1230	111 053 1101 111 050 1227	35x7x101,5 31x7x103,5	45 45	1 1	VV185 VV185N VV185.1 VV185 VV185N VV185.1	606 053 0230 606 053 0330 606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20 7x12,56x37,5 +0,05 +0,20	G F G F
S280, 300SE 2.8 24V Eng. M104 SL280 2.8 24V 2799ccm 142kw(193PS)	98→ 98→											
320E/CE/TE,E320 3.2 24V Eng. M104 3199ccm 162kw(220PS)	95→											
S320 3.2 24V SL320 3.2 24V Eng. M104 3199ccm 170kw(231PS)	98→ 95→											
G320 4x4 3.2 24V Eng. M104 3199ccm 155/162/170kw(211/220/231PS)	95→											
C200, C200T 2.0 16V Turbo CLK/SLK200 2.0 16V Turbo E200, E200T 2.0 16V Turbo Eng. OM 111 Turbo 1998ccm 95-114kw(129-155PS)	95→ 96→ 00→	89,9 4										
C230, C230T, 2.3 16V M230, ML230, E230 2.3 16V Eng. M111 E23 2295ccm 110kw(150PS)	95→ 95→	90,9 4										
E/C230, 230SLK 2.3 16V 230CLK Coupe 2.3 16V E230 2.3 16V Eng. M111 2295ccm 110kw(150PS)	98→ 95→ 95→											

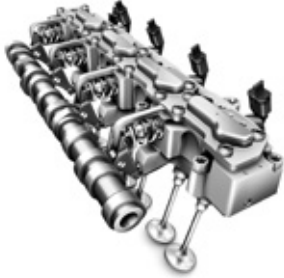
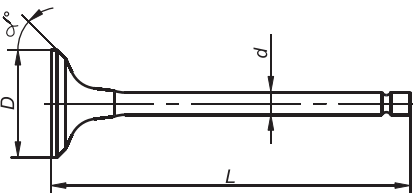
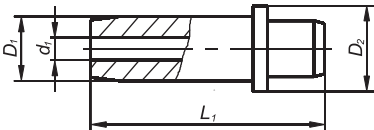
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MERCEDES – BENZ												
C230T 2.3 16V Turbo CLK/SLK230 2.3 16V Turbo Eng. OM 111 Turbo 2295ccm 142kw(193PS)	95→ 00→	90,9 4	IN	V1229	111 053 1101	35x7x101,5	45	1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
C36 AMG 3.6 24V Eng. M104 3606ccm 206kw(280PS)	95→	91 6	EX	V1230	111 050 1227	31x7x103,5	45	1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
Viano 200/230 2.0/2.3 16V Vito 113B/114 2.0/2.3 16V Sprinter 214B/314/414/ 2.3 16V V200/230 2.0/2.3 16V Eng. M111 1998/2298ccm 110/120/145kw	95→ 95→ 95→ 95→	91 4										
190E 2.0 200, 200T Combi 2.0 Eng. M102 1996ccm 83/90kw(109/122PS)	92→ 80→85	95,5 4	IN	V993	102 053 1701	46x8x114,9	45	1	VV263 VV263N VV263.1	102 050 8924	8x14,05x46 +0,05 +0,20	B F1
208, 210, 308, 310, 410, 510 2.3 O 309B, 410, 510 2.3 L/LK 408, 409, 410 2.3 Eng. M102 2299 ccm 70/77kw(95/105PS)	82→ 82→83 82→83		EX	V992	102 050 0327	39x9x115,8	45	1	VV264 VV264N VV264.1	102 050 0562 102 050 0362	9x14,05x51 +0,05 +0,20	B F1
230E, CE, TE 2.3 230, CE, GE, TE 2.3 190E 2.3 Eng. M102 2299ccm 97/100kw(132/136PS)	80→83 84→ 86→											
230GE 4x4 2.3 230GE 4x4 Cabriolet 2.3 Eng. M102 2299ccm 79/92kw(108/125PS)	82→ 89→											

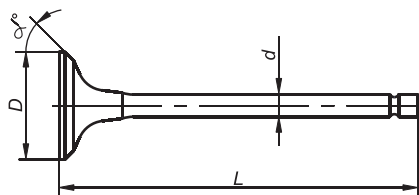
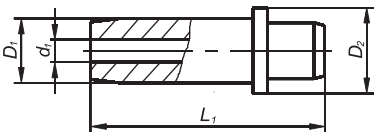
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ											
190E 2.3 16V Eng. M102.983 2299ccm 125/136kw(170/185PS)	84→88 4	95,5	IN V1565	102 053 1401	38x7x111,7	45	1	VV405 VV405N VV405.1	102 050 4024 102 050 4124	7x13,05x45,5 +0,05 +0,18	B F1
190E 2.5 16V Eng. M102.990 2498ccm 143/173kw(195/235PS)	89→		EX V1566	102 050 0827 102 050 1027	33x8x111,5	45	1	VV406 VV406N VV406.1	102 050 3724 102 050 3824	8x13,05x43 +0,05 +0,18	B F1
			IN V2009	273 053 0326	42x6x107,9	45	3	VV601		6x12,55x40	G F
			EX V2010	273 050 0427	32x6x107,3	45	3	VV601		6x12,55x40	G F
C350 3.5 3498ccm		V6	IN V2001		39,5x6x108,8	45	1				
			EX V2002		30x6x107	45	1				
C350 3.5 CLS350 3.5 E350 3.5 M350 3.5 R350 3.5 S350 3.5 SL350 3.5 SLK350 3.5 Eng. M272 3498ccm 200kw(272PS)	02→ 05→ 03→ 06→ 07→ 06→ 02→ 05→	V6	IN V1769	272 053 0501	39,6x6x108,8	45	3				
			EX V1770	272 050 0827	29,9x6x107,3	45	3				
E300 E350 E400 C300 C350 CLS300 CLS350 GLK350 SL350 R350 ML350 Eng. M276/M278 3498ccm	10→ 14→	V6	IN V2335	2780500126	37x6x104,1	45	3				
			EX V2336	2760500027	30x6x107,3	45	3				

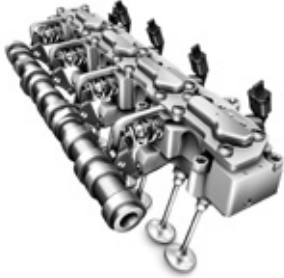
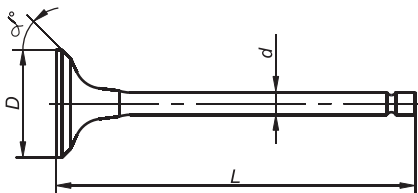
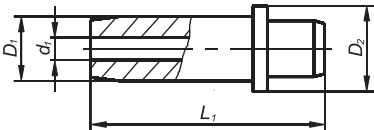
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ											
ML350 Eng. 272967 3500ccm 200kw(274PS)	94 6	IN	V2237		39,4x6x108,8	45	3				
		EX	V2238		30x6x107,3	45	3				
S350, ML350 3,7 18V 02→ S370 3,7 18V 02→ Eng. M112.972/975/972 3724ccm 172/180kw(234/245PS)	97 6	IN	V1553	113 053 0201	38x7x119,1	45	1	VV268	611 053 0329	7x12,56x37,5	G
								VV268N		+0,05	F
								VV268.1	611 053 0429	+0,20	
		EX	V1554	113 050 0327	43x7x121,8	45	1	VV268	611 053 0329	7x12,56x37,5	G
								VV268N		+0,05	F
								VV268.1	611 053 0429	+0,20	
S500, SL500 5.0 24V 97→ G500, CL500 5.0 24V 98→ E500, ML500 5.0 24V 01→ CLK500 5.0 24V 02→ CLS500 5.0 24V 04→ Eng. M113.960/962/967 4966ccm 215/225kw(292/306PS)	97 8	IN	V1553	113 053 0201	38x7x119,1	45	1	VV268	611 053 0329	7x12,56x37,5	G
								VV268N		+0,05	F
								VV268.1	611 053 0429	+0,20	
		EX	V1554	113 050 0327	43x7x121,8	45	1	VV268	611 053 0329	7x12,56x37,5	G
								VV268N		+0,05	F
								VV268.1	611 053 0429	+0,20	
E55 AMG 5.4 24V 97→ ML55 AMG 5.4 24V 99→ Eng. M113.980/981 AMG 5439ccm 158/170/260kw	97 8	IN	V1553	113 053 0201	38x7x119,1	45	1	VV268	611 053 0329	7x12,56x37,5	G
								VV268N		+0,05	F
								VV268.1	611 053 0429	+0,20	
		EX	V1554	113 050 0327	43x7x121,8	45	1	VV268	611 053 0329	7x12,56x37,5	G
								VV268N		+0,05	F
								VV268.1	611 053 0429	+0,20	
MERCEDES – BENZ DIESEL											
Classe A 12→ Eng. OM607DE/OM607951 1461ccm	4	IN	V979	607 053 1200	33,4x6x101	45	3	VV319		6x11,07x40,5	B
								VV319.1		+0,05	F
								VV319N		+0,20	
		EX	V980	607 053 1300	28,9x6x100,8	45	3	VV319		6x11,07x40,5	B
							VV319.1		+0,05	F	
							VV319N		+0,20		
C 180 Blue Tec 14→ C 200 Blue Tec Eng. OM626 1598ccm	4	IN	V2103	626 050 0500	23,5x6x104,2	45	3				
		EX	V2104	626 050 0800	23,4x6x104,1	45	3				

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ DIESEL											
ENG. OM668, 940/941 A160 1.7CDi 16V 98→ 1689ccm 44/55kw(60/75PS)	80 4	IN	V1097	668 053 0301	29,6x6x105,2	45	3	VV421	668 053 0229	6x11,57x47,5	G
		EX	V1098	668 050 0227	24,6x7x105	45	3	VV421N VV421.1		+0,05 +0,20	F
ENG. OM 668, 914 A170 1.7CDi 16V 98→ Vaneo 1.7CDi 16V 98→ 1689ccm 44/70kw(60/95PS)		EX	V1098	668 050 0227	24,6x7x105	45	3	VV422 VV422N VV422.1	668 053 0230	7x11,57x47,5	G F6
										+0,05 +0,20	
C 204 1.8CDi 16V 11→ Eng. M271120 1800ccm	4	IN	V2337		32x6x105,4	45	3				
		EX	V2338		28x6x109,3	45	3				
A160 2.0 CDi 16V 04→ A180 2.0 CDi 16V A200 2.0 CDi 16V Eng. MB640.940/941/942 1991ccm	83 4	IN	V1743	642 053 0401	28,5x6x102,3	45	3	VV398 VV398N		6x11,57x34,4	G F
		EX	V1744	642 050 0527	25,4x6x102,3	45	3	VV398 VV398N		+0,03 6x11,57x34,4	F G
C320 3.0 CDi 24V 02→ CLK320 3.0 CDi 24V 02→ CLS320 3.0 CDi 24V 04→ E320 3.0 CDi 24V 02→ M320 3.0 CDi 24V 05→ R320 3.0 CDi 24V 05→ Eng. OM642.910/960/961 Eng. OM642.940/822 2987ccm 165kw(224PS)	V6	IN	V1743	642 053 0401	28,5x6x102,3	45	3	VV398 VV398N		6x11,57x34,4	G F
		EX	V1744	642 050 0527	25,4x6x102,3	45	3	VV398 VV398N		+0,03 6x11,57x34,4	F G
E280 3.0 CDi 24V 05→ Eng. OM642.920/921 S300 3.0 CDi 24V 05→ Eng. OM642.930 Vito 3.0 CDi 24V Viano 3.0 CDi 24V Eng. OM642 2987ccm	83 V6	IN	V1743	642 053 0401	28,5x6x102,3	45	3	VV398 VV398N		6x11,57x34,4	G F
		EX	V1744	642 050 0527	25,4x6x102,3	45	3	VV398 VV398N		+0,03 6x11,57x34,4	F G
ENG. OM651 07→ 911–913, 916, 924–925, 955–957 2143ccm 70–150kw(90–204PS)	83 4	IN	V1997	651 053 0101	28,5x6x108,8	45	3	VV605		6x11,04x41	G F
		EX	V1998	651 050 0127	24,6x6x109,2	45	3	VV605		6x11,04x41	G F

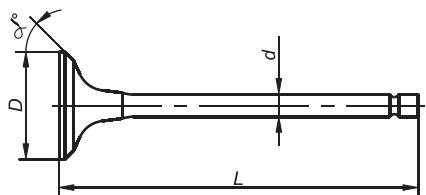
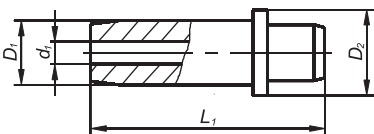
	CYL. Ø Nº	IN EX									
AV REF.			ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ DIESEL											
ENG. OM 615 200 D 2.0 1988ccm 67→79 41kw(55PS)	87 4	IN	V651 V651N3	615 053 0101 615 053 0001 +1,0S	38,8x10x131,5	60	17	VV117 VV117.1 VV117.2	616 053 0329 616 053 0429	10x14,03x60 +0,05 +0,20	G A1
220 D 2.2 2197 ccm 67→79 44kw(60PS)		EX	V652 V652N3	615 053 0705 615 053 0405 +1,0S	33,2x10x131	60	17	VV118 VV118.1 VV118.2	616 053 0330 616 053 0430	10x14,03x48,5 +0,05 +0,20	G A1
ENG. OM 616 Unimog U45 2450ccm 70→75 39/44kw(52/60PS)	92 4										
ENG. OM 615 200 D 2.0 220 D 2.2 1988ccm 79→ 79→ 44kw(60PS)	87 4	IN	V857 V857N3	615 053 0501 +1,0S	38,8x10x131,5	60	17	VV117 VV117.1 VV117.2	616 053 0329 616 053 0429	10x14,03x60 +0,05 +0,20	G A1
		EX	V652 V652N3	615 053 0705 615 053 0405 +1,0S	33,2x10x131	60	17	VV118 VV118.1 VV118.2	616 053 0330 616 053 0430	10x14,03x48,5 +0,05 +0,20	G A1
ENG. OM 601 190D 2.0 200D 2.0 ENG. OM 601.913 C200D, E200D 2.0 1997ccm 53/55kw(72/75PS)	87 4	IN	V653 V653N1 V653N2 V653N3 V653N4 V653N5	601 053 1701 601 053 1201 +0,5S +0,8S +1,0S +1,2S +1,0L	38x8x106,4	45	1	VV153 VV153N VV153.1 VV153.2	601 050 0624 601 050 0724 601 050 0824	8x14,03x39,5 +0,05 +0,20 +0,40	G F1
ENG. OM 601 Sprinter 208D, 308D, 408D 508D 2.3D Vito 110D 2.3D V230 2.3TD 2299ccm 58/72kw(79/98PS)	89 4	EX	V912 V912N1 V912N2 V912N3 V912N4 V912N5	601 050 2327 601 053 2127 +0,5S +0,8S +1,0S +1,2S +1,0L	35x9x106,4	45	1	VV154 VV154N VV154.1 VV154.2	601 050 0924 601 050 1024 601 050 1124	9x14,03x37,5 +0,05 +0,20 +0,40	G F1
ENG. OM 602 190D 2.5D 250D/TD 2.5D/TD 250GD 4x4 2.5D 2497ccm 66kw(90PS)	87 4										
250GD 4x4 Cabrio 2.5D 2497ccm 62/69kw(84/94PS)	87 5										

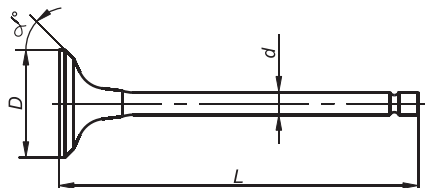
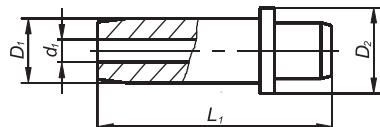
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ DIESEL											
ENG. OM 602 210D, 310D, 410D 2.9D 90→ U90, U100 2.9D 92→ 2874ccm 62/70kw(84/95PS) Sprinter 210D, 212D, 310D, 312D, 410D, 412D 2.9D 95→ Vario 512D, 612D, 614D, 810D, 812D, 814D, 815D 2.9D 96→ E290D 2.9TDi 96→ 2874ccm 90/95kw(122/129PS)	89 5	IN	V653	601 053 1701 601 053 1201	38x8x106,4	45	1	VV153	601 050 0624	8x14,03x39,5	G
			V653N1		+0,5S			VV153N		+0,05	F1
			V653N2		+0,8S			VV153.1	601 050 0724	+0,20	
			V653N3		+1,0S			VV153.2	601 050 0824	+0,40	
			V653N4		+1,2S						
			V653N5		+1,0L						
		EX	V912	601 050 2327 601 053 2127	35x9x106,4	45	1	VV154	601 050 0924	9x14,03x37,5	G
			V912N1		+0,5S			VV154N		+0,05	F1
			V912N2		+0,8S			VV154.1	601 050 1024	+0,20	
			V912N3		+1,0S			VV154.2	601 050 1124	+0,40	
			V912N4		+1,2S						
			V912N5		+1,0L						
ENG. OM 603 300D D-4 Matic 3.0D 85→ G300D, E300D 3.0D 93→ 300GD 4x4 Cabrio 3.0D 89→ 2996ccm 80/83kw(109/113PS)	87 6	IN	V653	601 053 1701 601 053 1201	38x8x106,4	45	1	VV153	601 050 0624	8x14,03x39,5	G
			V653N1		+0,5S			VV153N		+0,05	F1
			V653N2		+0,8S			VV153.1	601 050 0724	+0,20	
			V653N3		+1,0S			VV153.2	601 050 0824	+0,40	
			V653N4		+1,2S						
			V653N5		+1,0L						
		EX	V912	601 050 2327 601 053 2127	35x9x106,4	45	1	VV154	601 050 0924	9x14,03x37,5	G
			V912N1		+0,5S			VV154N		+0,05	F1
			V912N2		+0,8S			VV154.1	601 050 1024	+0,20	
			V912N3		+1,0S			VV154.2	601 050 1124	+0,40	
			V912N4		+1,2S						
			V912N5		+1,0L						
ENG. OM 602A Turbo 190TD 2.5TD 88→ 250TD, 300TD 2.5TD 88→ 2497ccm 88/93kw(120/126PS)	87 5	IN	V653	601 053 1701 601 053 1201	38x8x106,4	45	1	VV153	601 050 0624	8x14,03x39,5	G
			V653N1		+0,5S			VV153N		+0,05	F1
			V653N2		+0,8S			VV153.1	601 050 0724	+0,20	
			V653N3		+1,0S			VV153.2	601 050 0824	+0,40	
			V653N4		+1,2S						
			V653N5		+1,0L						
		EX	V912	601 050 2327 601 053 2127	35x9x106,4	45	1	VV154	601 050 0924	9x14,03x37,5	G
			V912N1		+0,5S			VV154N		+0,05	F1
			V912N2		+0,8S			VV154.1	601 050 1024	+0,20	
			V912N3		+1,0S			VV154.2	601 050 1124	+0,40	
			V912N4		+1,2S						
			V912N5		+1,0L						
ENG. OM 603A Turbo 300TD D-4 Matic 3.0TD 88→ 2996ccm 105/108kw(143/148PS) 350GD 4x4 3.5TD 12V 90→ 3449ccm 100/110kw(136/150PS)	87 6 89 6	IN	V653	601 053 1701 601 053 1201	38x8x106,4	45	1	VV153	601 050 0624	8x14,03x39,5	G
			V653N1		+0,5S			VV153N		+0,05	F1
			V653N2		+0,8S			VV153.1	601 050 0724	+0,20	
			V653N3		+1,0S			VV153.2	601 050 0824	+0,40	
			V653N4		+1,2S						
			V653N5		+1,0L						
		EX	V912	601 050 2327 601 053 2127	35x9x106,4	45	1	VV154	601 050 0924	9x14,03x37,5	G
			V912N1		+0,5S			VV154N		+0,05	F1
			V912N2		+0,8S			VV154.1	601 050 1024	+0,20	
			V912N3		+1,0S			VV154.2	601 050 1124	+0,40	
			V912N4		+1,2S						
ENG. OM 604 C200 2.0D 16V 96-99 E200 2.0D 16V 97-99 1997ccm 65/83kw(88/113PS)	87 4	IN	V907	606 053 1101	29x6x105,4	45	1	VV218	606 053 1229	6x12,56x37,5	G
			V907N1		+0,5S			VV218N		+0,05	F
			V907N2		+0,8S			VV218.1	606 053 1329	+0,20	
			V907N3		+1,0S						
			V907N4		+1,2S						
			V907N5		+1,0L						
		EX	V908	606 050 1127	26x7x105,7	45	1	VV185	606 053 0230	7x12,56x37,5	G
			V908N1		+0,5S			VV185N		+0,05	F
			V908N2		+0,8S			VV185.1	606 053 0330	+0,20	
			V908N3		+1,0S						
			V908N4		+1,2S						
ENG. OM 605 C250TD 2.5TD 20V 92-01 E250TD 2.5TD 20V 97-99 2497ccm 110kw(150PS)	87 5	IN	V907	606 053 1101	29x6x105,4	45	1	VV218	606 053 1229	6x12,56x37,5	G
			V907N1		+0,5S			VV218N		+0,05	F
			V907N2		+0,8S			VV218.1	606 053 1329	+0,20	
			V907N3		+1,0S						
			V907N4		+1,2S						
			V907N5		+1,0L						
		EX	V908	606 050 1127	26x7x105,7	45	1	VV185	606 053 0230	7x12,56x37,5	G
			V908N1		+0,5S			VV185N		+0,05	F
			V908N2		+0,8S			VV185.1	606 053 0330	+0,20	
			V908N3		+1,0S						
			V908N4		+1,2S						

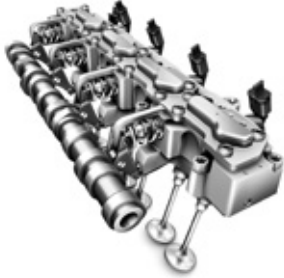
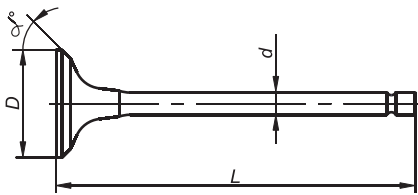
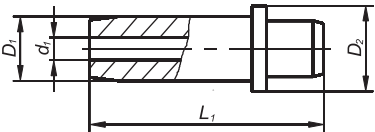
											
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ DIESEL											
ENG. OM 605 E300D 3.0D 24V 95-97 E300TD 3.0TD 24V 97-99 S300TD 3.0TD 24V 96-98 S300TD 3.0TD 24V 96-00 2996ccm 100/130kw(136/177PS)	87 6	IN EX	V907 V908	606 053 1101 606 050 1127	29x6x105,4 26x7x105,7	45 45	1 1	VV218 VV218N VV218.1 VV185 VV185N VV185.1	606 053 1229 606 053 1329 606 053 0230 606 053 0330	6x12,56x37,5 +0,05 +0,20 7x12,56x37,5 +0,05 +0,20	G F G F G F
OM 611.960/961/962 Turbo C200 2.2CDi 16V 98-03 C220 2.2CDi 16V 97-03 E200 2.2CDi 16V 98-99 E220 2.2CDi 16V 99-03 V200, V220 2.2CDi 16V 99→ 2148/2151ccm 75/85/105kw(102/116/143PS)	88 4	IN EX	V1055 V1055N5 V1056 V1056N5	611 053 0101 611 053 0105	30,1x7x104 +1,0L 28,4x7x104,4 +1,0L	45 45	1 1	VV268 VV268N VV268.1 VV268 VV268N VV268.1	611 053 0329 611 053 0429 611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20 7x12,56x37,5 +0,05 +0,20	G F G F
OM 611.980/981/983/987 Turbo Sprinter 208,211,213 2.2CDi 16V 00→ Sprinter 308,311,313 2.2CDi 16V 00→ Sprinter 408,411,413 2.2CDi 16V 00→ V200, V220 2.2CDi 16V 99-03 Vito 108,110,112 2.2CDi 16V 99→ 2151ccm 60/90/95kw(82/122/129PS)											
OM 612.961/962/963/965/967/981 Turbo C270 2.7CDi 10V 00-04 CLK270 2.7CDi 10V 02-05 SLK270 2.7CDi 20V 02-05 E270 2.7CDi 20V 99-03 G270 2.7CDi 20V 01→ ML270 2.7CDi 20V 99-05 Sprinter 216,316,416,616 2.2CDi 8V 00→ 2686ccm 110/115/120/125kw	88 5										
OM 612.990 Turbo C30 AMG 3.0CDi 20V 02-04 2950ccm 170kw(231PS)	88 6										
OM 613. 960/961 Turbo E320 3.2CDi 24V 00-04 S320 3.2CDi 24V 99-02 3222ccm 145kw(197PS)											

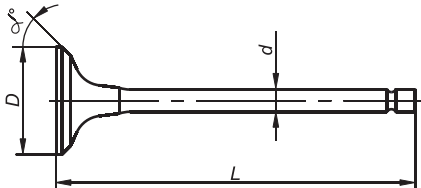
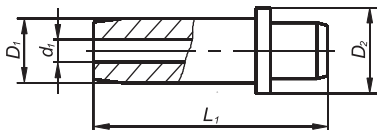
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ DIESEL											
C200 2.2 CDi 16V 01→ E200 2.2 CDi 16V 02→ Eng. OM646. 811/820/951/962 2148ccm 75/90/100kw	88 4	IN	V1629	628 053 0001	28,7x7x104	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
C220 2.2 CDi 16V 03→ E220 2.2 CDi 16V 02→ CLK220 2.2 CDi 16V 03→ Eng. OM646. 821/961/963 2148ccm 100/110/125kw		EX	V1630	628 053 0005	26,2x7x104,5	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
Vito 109, 111, 115 2.2 CDi 16V 03→ Viano 2.2 CDi 16V 03→ Eng. OM646. 982/983 2148ccm 65/80/110kw(88/109/150PS)											
Sprinter 209/211/213/215 308/309/311/313/315 408/411/413 CDi 2.2CDi 16V 00-06 Eng. OM611. 981/987 Eng. OM646. 985 2148ccm 60/65/80/95/110kw	88 4	IN	V1629	628 053 0001	28,7x7x104	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
Sprinter 416 2.7 CDi 16V 00-06 Eng. OM612. 981 2685ccm 115kw(156PS)	88 5	EX	V1630	628 053 0005	26,2x7x104,5	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
E270 2.7 CDi 20V 02→ Eng. OM647. 961 2685ccm 130kw(177PS)											
E280 3.2 CDi 24V 04→ E320, S320 3.2 CDi 24V 02→ Eng. OM648. 960/961 3222ccm 130/150kw(177/204PS)	88 6										

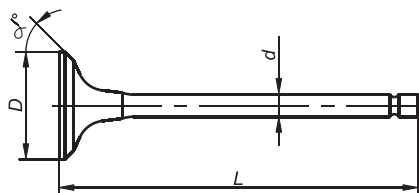
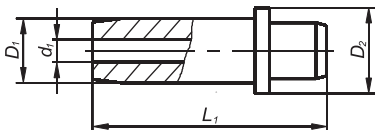
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ DIESEL											
E400 4.0 CDi V8 24V S400 4.0 CDi V8 24V G400 4.0 CDi V8 24V ML400 4.0 CDi V8 24V Eng. OM628. 960/961/962/963 3996ccm 184kw(250PS)	00→ 00→ 00→ 04→	88 V8	IN 	V1629	628 053 0001	28,7x7x104	45 1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
E420 4.2 CDi V8 24V S420 4.2 CDi V8 24V GL420 4.2 CDi V8 24V ML420 4.2 CDi V8 24V Eng. OM629. 910/911/912 4196ccm 225/231kw(306/314PS)	06→ 06→ 06→ 06→	88 V8	EX 	V1630	628 053 0005	26,2x7x104,5	45 1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
ENG. OM 604.912 E220 D 2.2 16V 2155ccm 70kw(95PS)	93→ 	89 4	IN 	V907	606 053 1101	29x6x105,4	45 1	VV218 VV218N VV218.1	606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20	G F
ENG. OM 605.910, 911, 912 C 250,E 250D 2.5 20V 2497ccm 83kw(113PS)	93→ 	87 5	EX 	V1054	606 053 0705	26x6x105,7	45 1	VV218 VV218N VV218.1	606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20	G F
ENG. OM 604.910 C 220D 2.2 16V 2155ccm 70kw(95PS)	93→ 	89 4	IN 	V1059	606 053 0701	29x6x105,4	45 3	VV218 VV218N VV218.1	606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20	G F
ENG. OM 605.910 C 250D 2.5 20V 2497ccm 83kw(113PS)	93→95 	87 5	EX 	V1060	606 053 0305	26x6x105,7	45 3	VV218 VV218N VV218.1	606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20	G F
ENG. OM 606.910 E 300D 3.0 24V 2996ccm 100kw(136PS)	93→ 	87 6	IN 	V1059	606 053 0701	29x6x105,4	45 3	VV218 VV218N VV218.1	606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20	G F
ENG. OM 616 L,LK,LKO 406DG 2.4 L,LK,LKO 407D 2.4 O 309D, 507D, 510D 2.4 240 GD 4x4 2.4 240 D, TD 2.4 207 D, 307D 2.4 2399ccm 48/53kw(65/72PS)	73→ 73→ 73→ 73→ 73→ 73→	90,9 4	IN 	V655 V655N3	616 053 0301	39,8x10x131,5 +1,0S	60 17	VV117 VV117.1 VV117.2	616 053 0329 616 053 0429	10x14,03x60 +0,05 +0,20	G A1
240 D, TD 2.4 207 D, 307D 2.4 2399ccm 48/53kw(65/72PS)	73→ 73→	87 6	EX 	V656 V656N3	616 050 0027 616 050 0527	34,2x10x131 +1,0S	60 17	VV118 VV118.1 VV118.2	616 053 0330 616 053 0430	10x14,03x48,5 +0,05 +0,20	G A1

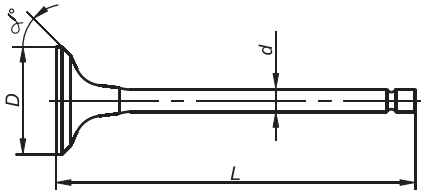
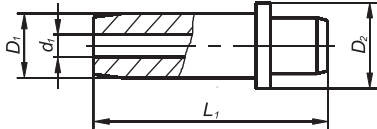
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MERCEDES – BENZ DIESEL												
MB 100D 2.4 2399ccm	90→ 56kw(76PS)	90,9 4	IN	V655 V655N3	616 053 0301	39,8x10x131,5 +1,0S	60	17	VV117 VV117.1 VV117.2	616 053 0329 616 053 0429	10x14,03x60 +0,05 +0,20	G A1
ENG OM617 209 D, 240 D, 3.0 300D, TD 3.0 300GD 4x4 3.0 2998ccm	74→ 74→ 74→ 59/65kw(80/88PS)	90,9 5	EX	V656 V656N3	616 050 0027 616 050 0527	34,2x10x131 +1,0S	60	17	VV118 VV118.1 VV118.2	616 053 0330 616 053 0430	10x14,03x48,5 +0,05 +0,20	G A1
ENG OM617 A Turbo 300 TD 2998ccm	78→ 92kw(125PS)	90,9 5	IN	V669	617 053 0001	39,8x10x131,5	60	17	VV117 VV117.1 VV117.2	616 053 0329 616 053 0429	10x14,03x60 +0,05 +0,20	G A1
			EX	V670	617 050 0027	34,2x10x131,5	60	17	VV118 VV118.1 VV118.2	616 053 0330 616 053 0430	10x14,03x48,5 +0,05 +0,20	G A1
MERCEDES – BENZ INDUSTRIAL DIESEL												
OM 314 5673 ccm	64→ 74kw(100PS)	97 4	IN	V931 V505N3	352 053 0101	44x9x140,5 +1,0S	45	5	VV52 VV52.1	312 053 0230 312 053 0630	9x15,03x78 +0,10	G A
			IN	V505 V505N3	352 050 0026	44x9x140,5 +1,0S	45	5	VV52.2 VV36	312 053 0830 352 053 2229	+0,20 9x15,03x72	G F
OM 352 5673ccm	64→ 74/81/93/96kw(100/110/126/130PS)	97 6							VV36.1	352 053 2329	+0,20	
OM 352 A Turbo OM 353 A Turbo 5673ccm	71→ 110/124kw(150/168PS)		EX	V169 V490N3	352 053 1505	36x10x140,5 +1,0S	45	5	VV53 VV53.1	352 053 1630 352 053 1730	10x15,03x73 +0,10	G A
			EX	V490 V490N3	366 050 0027	36x10x140,5 +1,0S	45	5	VV53.2 VV37 VV37.1	352 053 1830 352 053 3730 352 053 3830	+0,20 10x15,03x67 +0,20	G F
OM 362 LA Turbo 5673ccm	82→ 141kw(192PS)	97 6	IN	V489 V489N3	366 050 0226	42,8x9x140,5 +1,0S	60	5	VV36 VV36.1	352 053 2229 352 053 2329	9x15,03x72 +0,20	G F
OM 364 3972ccm	84→ 66kw(90PS)	97,5 4	EX	V490 V490N3	366 050 0027	36x10x140,5 +1,0S	45	5	VV37 VV37.1	352 053 3730 352 053 3830	10x15,03x67 +0,20	G F
OM 366 5958ccm	84→ 100kw(136PS)	97,5 6	IN	V489 V489N3	366 050 0226	42,8x9x140,5 +1,0S	60	5	VV36 VV36.1	352 053 2229 352 053 2329	9x15,03x72 +0,20	G F
OM 366 A/LA – Turbo → No. 013600 5958ccm	84→ 125/148kw(170/201PS)		EX	V490 V490N3	366 050 0027	36x10x140,5 +1,0S	45	5	VV37 VV37.1	352 053 3730 352 053 3830	10x15,03x67 +0,20	G F

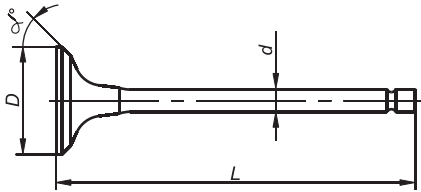
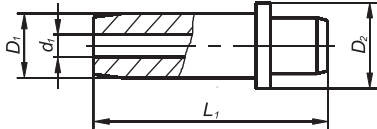
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ INDUSTRIAL DIESEL											
OM 364 A Turbo 611D, 711, 811D 3972ccm 85kw(115PS)	84→ 97,5 4	IN	V487	366 050 0326	42x9x140,5	60	5	VV36 VV36.1	352 053 2229 352 053 2329	9x15,03x72 +0,20	G F
OM 366 A/LA – Turbo → No. 013601 5958ccm 125/148kw(170/201PS)	84→ 97,5 6	IN EX	V1419 V488	366 050 1226 366 050 0227	42x9x140,5 36x10x140,5	70 45	5 5	VV36 VV36.1 VV37 VV37.1	352 053 2229 352 053 2329 352 053 3730 352 053 3830	9x15,03x72 +0,20 10x15,03x67 +0,20	G F G F
OM 904 LA 4.2 12V Vario 4.2 Atego 4.2 Cito 0520 4.2 U 300, U 400 4.2 U 3000, U 4000 4.2 4247ccm 75/90/100/110/130/142kw	97→ 97→ 95→ 95→ 02→	IN IN EX	V1221 V1223 V1222	906 050 0226 906 050 0326 906 050 0327	34x8x125,9 34x8x128,9 38x8x152,7	70 70 45	1 1 1	VV295 VV295N VV295 VV295N VV337 VV337N VV295 VV295N	906 053 0129 906 053 0129 906 053 0130 906 053 0129	8x13,05x60 +0,05 8x13,05x60 +0,05 8x14,05x60 +0,05 8x13,05x60 +0,05	G F G F G F G F
OM 906 LA 6.4 18V Atego 6.4 Axor 6.4 Citaro 6.4 Concerto 0354 6.4 O 500, U 400 6.4 O 530 Bus 6.4 6374ccm 142/157/170/205/209kw	98→ 02→ 95→ 00→ 00→	IN EX EX	V1221 V1224 V1224N V1420 V1420N	906 050 0226 906 016 0491 906 016 0791	34x8x125,9 15x8x83,5 +0,20d 15,2x6x81,8 +0,20d	70 70 70	1 1 1	VV295 VV295N VV295 VV295N	906 053 0129 906 053 0129	8x13,05x60 +0,05 8x13,05x60 +0,05	G F G F
OM 907 LA 4.2 12V Atego 4.2 Vario 814 4.2 4247ccm 75/90/100/125/136/170kw	98→ 97→	IN	V1221 V1223 V1222 V1224 V1224N V1420 V1420N	906 050 0226 906 050 0326 906 050 0327 906 016 0491 906 016 0791	34x8x125,9 34x8x128,9 38x8x152,7 15x8x83,5 +0,20d 15,2x6x81,8 +0,20d	70 70 45 70 70	1 1 1 1 1	VV295 VV295N VV295 VV295N VV337 VV337N VV295 VV295N	906 053 0129 906 053 0129 906 053 0130 906 053 0129	8x13,05x60 +0,05 8x13,05x60 +0,05 8x14,05x60 +0,05 8x13,05x60 +0,05	G F G F G F G F
OM 909 LA 6.4 18V Citaro 0530 6.4 6374ccm 170/205kw(231/279PS)	98→	IN	V1221 V1223 V1222 V1224 V1224N V1420 V1420N	906 050 0226 906 050 0326 906 050 0327 906 016 0491 906 016 0791	34x8x125,9 34x8x128,9 38x8x152,7 15x8x83,5 +0,20d 15,2x6x81,8 +0,20d	70 70 45 70 70	1 1 1 1 1	VV295 VV295N VV295 VV295N VV337 VV337N VV295 VV295N	906 053 0129 906 053 0129 906 053 0130 906 053 0129	8x13,05x60 +0,05 8x13,05x60 +0,05 8x14,05x60 +0,05 8x13,05x60 +0,05	G F G F G F G F
OM 924 LA 4.8 12V Euro 3 U 5000 4.8 4800ccm 160kw(280PS)	02→	IN	V1221 V1223 V1222 V1224 V1224N V1420 V1420N	906 050 0226 906 050 0326 906 050 0327 906 016 0491 906 016 0791	34x8x125,9 34x8x128,9 38x8x152,7 15x8x83,5 +0,20d 15,2x6x81,8 +0,20d	70 70 45 70 70	1 1 1 1 1	VV295 VV295N VV295 VV295N VV337 VV337N VV295 VV295N	906 053 0129 906 053 0129 906 053 0130 906 053 0129	8x13,05x60 +0,05 8x13,05x60 +0,05 8x14,05x60 +0,05 8x13,05x60 +0,05	G F G F G F G F
OM 926 LA 7.2 18V Euro 3 O 500 Bus 7.2 7201ccm 240kw(326PS)	89→	IN	V1221 V1223 V1222 V1224 V1224N V1420 V1420N	906 050 0226 906 050 0326 906 050 0327 906 016 0491 906 016 0791	34x8x125,9 34x8x128,9 38x8x152,7 15x8x83,5 +0,20d 15,2x6x81,8 +0,20d	70 70 45 70 70	1 1 1 1 1	VV295 VV295N VV295 VV295N VV337 VV337N VV295 VV295N	906 053 0129 906 053 0129 906 053 0130 906 053 0129	8x13,05x60 +0,05 8x13,05x60 +0,05 8x14,05x60 +0,05 8x13,05x60 +0,05	G F G F G F G F

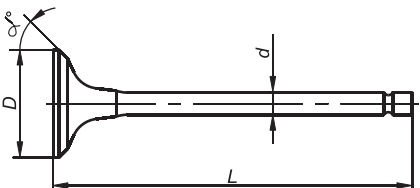
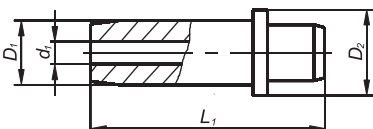
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ INDUSTRIAL DIESEL											
Citaro Eng. OM933/934/935/936 7700ccm	14→	4	IN	V2341 936 050 0026 936 050 0126	37,5x8x193,6	70	1				
		6	EX	V2342 936 050 0027	33,7x8x199,3	55	1				
ENG. OM 327 7980ccm 110/125kw(150/170PS)	65→	115	IN	V301 327 053 0701 360 050 0326	54x10x150	45	5	VV107 327 053 0830	10x16,03x85		G
ENG. OM 360 8720ccm 81/141kw(110/192PS)	68→	6	EX	V297 327 053 0705 360 050 0127	43x10x150	45	5	VV21 360 053 0029	10x16,03x79		A
ENG. OM 360 H 8720ccm 125/141kw(170/192PS)	68→							VV108 327 053 1430	10x16,03x77		G
								VV22 360 053 0030	10x16,03x71		A
ENG. OM 401 → No.265214 9570ccm 129/141/144kw(175/192/196PS)	72→	125	IN	V298* * Retainer s.e. 7,5 mm V298N3	59x12x142,5 +1,0S	60	5	VV27 VV27N VV27.1 VV27.2	422 053 0430 +0,05 422 053 0530 +0,20 422 053 0630 +0,40	12x18,03x67	G
ENG. OM 401 A – Turbo 9570ccm 188kw(256PS)	72→		IN	V311* * Retainer s.e. 7,5 mm V298N3	59x12x142,5 +1,0S	60	5.1				F
ENG. OM 402 → No.265214 12670ccm 147/188kw(200/256PS)	72→	125	EX	V299* * Retainer s.e. 7,5 mm V299N3	51x12x142,5 +1,0S	45	5	VV27 VV27N VV27.1 VV27.2	422 053 0430 +0,05 422 053 0530 +0,20 422 053 0630 +0,40	12x18,03x67	G
ENG. OM 403 → No.265214 15960ccm 184/261kw(250/355PS)	71→	125	EX	V312* * Retainer s.e. 7,5 mm V299N3	51x12x142,5 +1,0S	45	5.1				F
ENG. OM 404 → No.265214 → No.006644 20910ccm 236kw(320PS)	77→	125									
ENG. OM 404A Turbo → No.006644 20910ccm 386kw(525PS)	81→										
ENG. OM 407/407 HA Turbo → No.029460 11413ccm 132/177kw(180/240PS)	76→	125									

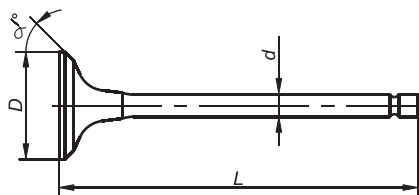
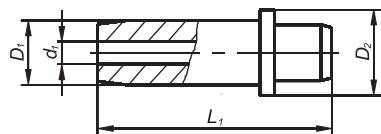
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MERCEDES – BENZ INDUSTRIAL DIESEL												
ENG. OM 407 A/LA/HA → No.029460 11413ccm 132/155kw(180/210PS)	80→	125 6	IN	V298* * Retainer V298N3	403 053 0901 s.e. 7,5 mm	59x12x142,5 +1,0S	60	5	VV27 VV27N VV27.1 VV27.2	422 053 0430 422 053 0530 422 053 0630	12x18,03x67 +0,05 +0,20 +0,40	G F
ENG. OM 421 → No.139487 10965ccm 159kw(216PS)	79→	128 V-6	IN	V311* * Retainer V298N3	423 050 0026 s.e. 7,5 mm	59x12x142,5 +1,0S	60	5.1				
ENG. OM 422 → No.139487 1461 ccm 184/206kw(250/280PS)	79→	128 V-8	EX	V299* * Retainer V299N3	403 050 1027 s.e. 7,5 mm	51x12x142,5 +1,0S	45	5	VV27 VV27N VV27.1 VV27.2	422 053 0430 422 053 0530 422 053 0630	12x18,03x67 +0,05 +0,20 +0,40	G F
ENG. OM 423 → No.139487 18270ccm 261kw(355PS)	81→	128 V-10	EX	V312* * Retainer V299N3	423 050 0427 s.e. 7,5 mm	51x12x142,5 +1,0S	45	5.1				
ENG. OM 424 → No.002307 21930ccm 309kw(420PS)	81→	128 V-12										
ENG. OM 427/427 H → No.001399 11961ccm 150/170/206kw(204/240/280PS)	85→	128 6										
ENG. OM 407AH Turbo → No.029460 11413ccm 206kw(280PS)	80→	125 6	IN	V311* * Retainer V298N3	423 050 0026 s.e. 7,5 mm	59x12x142,5 +1,0S	60	5.1	VV27 VV27N VV27.1 VV27.2	422 053 0430 422 053 0530 422 053 0630	12x18,03x67 +0,05 +0,20 +0,40	G F
ENG. OM 421A/LA Turbo → No.139487 10965ccm 184kw(250PS)	79→	128 V-6	EX	V312A* * Retainer V299N3	423 050 0327 s.e. 7,5 mm	51x12x142,5 +1,0S	45	5.1	VV27 VV27N VV27.1 VV27.2	422 053 0430 422 053 0530 422 053 0630	12x18,03x67 +0,05 +0,20 +0,40	G F
ENG. OM 422A/LA Turbo → No.139487 14168ccm 206/243/276kw(280/330/375PS)	79→		EX	V1376 V1376N	442 016 0191	17x8x84,2 +0,2d	45	1				
ENG. OM 423 A/LA Turbo → No.139487 18270ccm 346/368kw(470/500PS)	79→	128 V-10	EX	V1266 V1266N	442 016 0391	17x8x90 +0,2d	45	1				
ENG. OM 424 A/LA Turbo → No.002307 21930ccm 441kw(600PS)	79→	128 V-12										

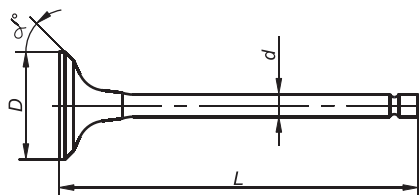
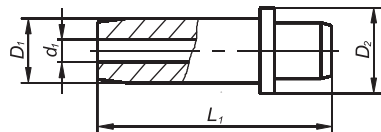
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ INDUSTRIAL DIESEL											
OM 401 No.265215→ 9570ccm 129/144kw(175/196PS)	125 V-6	IN	V466* 422 050 0026 422 050 0326 * Retainer s.e. 2,7 mm V466N1 +0,5S V466N3 +1,0S		59x12x142,5	60	5.1	VV27 422 053 0430 VV27N +0,05 VV27.1 422 053 0530 +0,20 VV27.2 422 053 0630 +0,40		12x18,03x67 +0,05 +0,20 +0,40	G F
OM 402 No.265215→ 12670ccm 147/188kw(200/256PS)	125 V-8	EX	V467* 422 050 0027 * Retainer s.e. 2,7 mm V467N1 +0,5S V467N3 +1,0S		51x12x142,5	45	5.1	VV27 422 053 0430 VV27N +0,05 VV27.1 422 053 0530 +0,20 VV27.2 422 053 0630 +0,40		12x18,03x67 +0,05 +0,20 +0,40	G F
ENG. OM 403 No.265215→ 15960ccm 184/261kw(250/355PS)	71→ 125 V-10										
ENG. OM 404 No.006645→ 20910ccm 295kw(400PS)	81→ 125 V-12										
ENG. OM 404A Turbo No.006645→ 20910ccm 386kw(525PS)	76→ 125 6										
ENG. OM 407/407H No.029461→ 11413ccm 132/177kw(180/240PS)	80→ 80→ No.029461→ 11413ccm 132/155kw(180/210PS)										
ENG. OM 407/407 A/LA/HA ENG. OM 407/407 Turbo No.029461→ 11413ccm 132/155kw(180/210PS)	79→ 128 V-6										
ENG. OM 421 No.139488→ 10965ccm 159kw(216PS)	79→ 128 V-8										
ENG. OM 422 No.139488→ 14618ccm 184/206kw(250/280PS)	81→ 128 V-12										
ENG. OM 423 No.1139488→ 18270ccm 346/368kw(470/500PS)	81→ 128 V-12										
ENG. OM 424 No.002308→ 21930ccm 309kw(420PS)											

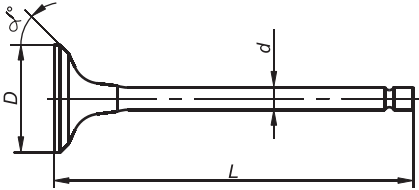
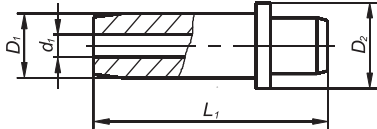
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ INDUSTRIAL DIESEL											
ENG. OM 427/427H No.001400→ 11961ccm 150/170/206kw(204/231/280PS)	85→	128 6	IN	V466* 422 050 0026 422 050 0326 * Retainer s.e. 2,7 mm	59x12x142,5	60	5.1	VV27 VV27N VV27.1 VV27.2	422 053 0430 422 053 0530 422 053 0630	12x18,03x67 +0,05 +0,20 +0,40	G F
ENG. OM 441 1622K 11309ccm 150kw(204PS)	87→	128 V-6	EX	V466N1 V466N3 V467* 422 050 0027 * Retainer s.e. 2,7 mm	+0,5S +1,0S 51x12x142,5	45	5.1	VV27 VV27N VV27.1 VV27.2	422 053 0430	12x18,03x67 +0,05 +0,20 +0,40	G F
ENG. OM 442 14600ccm 206kw(280PS)	85→	128 V-8	EX	V467N1 V467N3 V1376 442 016 0191 V1376N +0,2d V1266 442 016 0391 V1266N +0,2d	+0,5S +1,0S 17x8x84,2 +0,2d 17x8x90 +0,2d	45	1				
ENG. OM 447/447H O 405/407 11970ccm 147/150/177kw(200/204/240PS)	85→		EX			45	1				
ENG. OM 355A Turbo 11581ccm 191/207kw(260/280PS)	78→	128 6	IN	V579 355 053 0001	42x9x130,6	60	5	VV32	346 053 0929	9x15,03x68,5	G A1
			EX	V580 355 053 0005	37x9x165,9	60	5	VV33	355 053 0330	9x15,03x86,5	G A1
ENG. OM 421 A/LA Turbo No.139488 10965ccm 184kw(250PS)	79→	128 V-6	IN	V466* 422 050 0026 422 050 0326 * Retainer s.e. 2,7 mm	59x12x142,5	60	5.1	VV27 VV27N VV27.1 VV27.2	422 053 0430 422 053 0530 422 053 0630	12x18,03x67 +0,05 +0,20 +0,40	G F
ENG. OM 422 A/LA Turbo No.139488 14618ccm 206/243/276kw(280/330/375PS)	79→	128 V-8	EX	V466N1 V466N3 V467B* 422 050 0227 * Retainer s.e. 2,7 mm	+0,5S +1,0S 51x12x142,5	45	5.1	VV27 VV27N VV27.1 VV27.2	422 053 0430	12x18,03x67 +0,05 +0,20 +0,40	G F
ENG. OM 423 A/LA Turbo No.139488 18270ccm 346/368kw(470/500PS)	79→	128 V-10		V467N1 V467N3	+0,5S +1,0S						

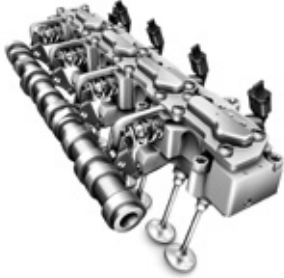
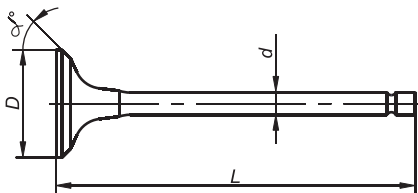
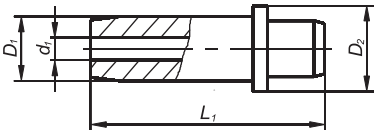
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MERCEDES – BENZ INDUSTRIAL DIESEL												
ENG. OM 401 A/LA Turbo 9567ccm 10958ccm	91→ 200kw(272PS) 230kw(313PS)	125 V-6	IN	V466B* 422 050 0226 422 050 0526 * Retainer s.e. 2,7 mm V466N1 V466N3	59x12x142,5 +0,5S +1,0S	60	5.1	VV27 VV27N VV27.1 VV27.2	422 053 0430 422 053 0530 422 053 0630	12x18,03x67 +0,05 +0,20 +0,40	G F	
ENG. OM 402 A/LA Turbo 12756ccm	91→ 280kw(381PS)	125 V-8	EX	V467* 422 050 0027 * Retainer s.e. 2,7 mm V467N1 V467N3	51x12x142,5 +0,5S +1,0S	45	5.1	VV27 VV27N VV27.1 VV27.2	422 053 0430 422 053 0530 422 053 0630	12x18,03x67 +0,05 +0,20 +0,40	G F	
ENG. OM 407 AH Turbo No.029461→ 11413ccm	80→ 206kw(280PS)	125 6										
ENG. OM 401 A/LA Turbo 9567ccm 10958ccm	91→ 200kw(272PS) 230kw(313PS)	125 V-6	IN	V466B* 422 050 0526 * Retainer s.e. 2,7 mm V466N1 V466N3	59x12x142,5 +0,5S +1,0S	60	5.1	VV27 VV27N VV27.1 VV27.2	422 053 0430 422 053 0530 422 053 0630	12x18,03x67 +0,05 +0,20 +0,40	G F	
ENG. OM 402 A/LA Turbo 12756ccm	91→ 280kw(381PS)	125 V-8	EX	V467B* 422 050 0227 * Retainer s.e. 2,7 mm V467N1 V467N3	51x12x142,5 +0,5S +1,0S	45	5.1	VV27 VV27N VV27.1 VV27.2	422 053 0430 422 053 0530 422 053 0630	12x18,03x67 +0,05 +0,20 +0,40	G F	
ENG. OM 441 A/LA Turbo 10958ccm	87→ 250kw(340PS)	128 V-6										
ENG. OM 442 A/LA Turbo 14610ccm	85→ 250/320/327kw(340/435/503PS)	128 V-8	EX	V1376 V1376N V1266 V1266N	442 016 0191 442 016 0391 17x8x84,2 +0,2d 17x8x90 +0,2d	45	1					
ENG. OM 447 A/LA/H A Turbo 11961ccm	85→ 184/220kw(250/300PS)	128 V-6										
ENG. OM 441 11303ccm	87→ 151kw(205PS)	130 V-6										
ENG. OM442 15100ccm	85→ 191/213kw(260/290PS)	130 V-8										
ENG. OM 346 10809ccm	64-67 136/155kw(185/210PS)	128 6	IN	V300A	346 053 0101 346 053 0001	42x9x129,8	45	5	VV32	346 053 0929	9x15,03x68,5	G A1
ENG. OM 355/355H 11581ccm	67-78 136/155/177/191kw(185/210/240/260PS)		EX	V302	346 053 0005 346 053 0105	37x9x165,3	45	5	VV33	355 053 0330	9x15,03x86,5	G A1
ENG. OM 355A Turbo 11581ccm	78→ 205kw(275PS)											

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MERCEDES – BENZ INDUSTRIAL DIESEL												
ENG. OM 424 A/LA Turbo No.002308→ 21930ccm 441kw(600PS)	79→	128 V-10	IN	V466* * Retainer V466N1 V466N3	422 050 0026 442 050 0326 s.e. 2,7 mm	59x12x142,5	60	5.1	VV27 VV27N VV27.1 VV27.2	422 053 0430 422 053 0530 422 053 0630	12x18,03x67 +0,05 +0,20 +0,40	G F
ENG. OM 427 A/LA/H A Turbo 11967ccm 206kw(280PS)	85→	128 6	EX	V467B* * Retainer V467N1 V467N3	422 050 0227 s.e. 2,7 mm	51x12x142,5	45	5.1	VV27 VV27N VV27.1 VV27.2	422 053 0430 422 053 0530 422 053 0630	12x18,03x67 +0,05 +0,20 +0,40	G F
ENG. OM 441 A/LA Turbo 11309ccm 243kw(330PS)	87→	128 V-6	EX									
ENG. OM 442 A/LA Turbo 14600ccm 260/320kw(354/435PS)	85→	128 V-8	EX									
ENG. OM 444 A/LA Turbo 21930ccm 390/478kw(530/650PS)	87→	128 V-12	EX									
ENG. OM 447 A/LA/H A Turbo 11970ccm 206kw(280PS)	85→	128 6	EX									
ENG. M 447 925 11970ccm 150kw(204PS)		128 6	IN	V2091	442 050 0126 442 050 0626 442 050 0726	58,9x12x142,5	70	5	VV27 VV27N VV27.1 VV27.2	422 053 0430 422 053 0530 422 053 0630	12x18,03x67 +0,05 +0,20 +0,40	G F
ENG. M 476 920-921, 925-926 11970ccm 175-177kw(238-241PS)	85→		EX	V2092	407 050 0127 447 050 0027 447 050 0327	51x12x142,5	70	5	VV27 VV27N VV27.1 VV27.2	422 053 0430 422 053 0530 422 053 0630	12x18,03x67 +0,05 +0,20 +0,40	G F
ENG. 476 Euro 2 930, 932-935 11970ccm 185-240kw(252-326PS)	00→											
ENG. M 476 927 11970ccm 177kw(241PS)	01→											

	CYL. Ø N _e	IN EX										
			AV REF.	ORIGINAL PART N _e	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _e	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MERCEDES – BENZ INDUSTRIAL DIESEL												
ENG. OM 457 LA 24V Euro 4 950/959/967 11970ccm 220/260kw(299/384PS)	98→	128 6	IN	V1043 V1043N3	541 050 02 26 457 053 00 01 +1,0S	45,5x9x145	60	5	VV227 VV227N VV227.1	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30 +0,05 +0,20	9x15,03x61	G F
ENG. OM 457 LA 24V Euro 2/3 958 11970ccm 230/315kw(313/428PS)			IN	V2409	541 053 01 01	45,5x9x144,9	60	5	VV227	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30	9x15,03x61	G F
ENG. OM 460 LA 24V Euro 3 950–951, 975–981 12816ccm 261/360kw(355/490PS)									VV227N VV227.1	+0,05 +0,20		
ENG. 457 LA 24V Euro 4 948 11970ccm 260/315kw(354/428PS)	04→		EX	V1044 V1044N3	541 050 02 27 +1,0S	41x9x145	45	5	VV227	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30	9x15,03x61	G F
ENG. OM 457 LA 24V Euro 2/3 927 11970ccm 290kw(400PS)									VV227N VV227.1	+0,05 +0,20		
ENG. OM 521 LA 24V Euro 2 940 11946ccm 315kw(428PS)	96→	130 6	EX	V1942 V1942N3	457 050 03 27 457 050 05 27 +1,0S	42,1x9x145	55	5	VV227	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30	9x15,03x61	G F
ENG. 522 LA 32V Euro 2 940–943, 949 15928ccm 362/530kw(496/721PS)	96→	8							VV227N VV227.1	+0,05 +0,20		
ENG. OM 541 LA 24V Euro 2 920–928, 949 ENG. OM 541 LA 24V Euro 2/3 940–948, 950–952 11946ccm 230/355kw(313/483PS)	96→	130 6	EX	V1068 V1068N	541 016 07 91	17x8x87 +0,2d	45	1				

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MERCEDES – BENZ INDUSTRIAL DIESEL												
ENG. OM 542 LA 32V Euro 2 920–926 15928ccm 350/420kw(476/571PS)	96→	130 8	IN	V1043 V1043N3	541 050 02 26 457 053 00 01 +1,0S	45,5x9x145	60	5	VV227 VV227N VV227.1	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30 +0,05 +0,20	9x15,03x61	G F
ENG. 542 LA 24V Euro 2/3 940–945, 947–948 15928ccm 320/425kw(435/587PS)	95→		IN	V2409	543 053 01 01	45,5x9x144,9	60	5	VV227 VV227N VV227.1	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30 +0,05 +0,20	9x15,03x61	G F
ENG. OM 941 LA 24V Euro 2/3 900, 910, 920–921, 929–930, 940 960, 967, 970, 980, 990 11926ccm 230/315kw(313/428PS)	96→	6							VV227N VV227.1	+0,05 +0,20		
ENG. 942 LA 32V Euro 2/3 900, 910–912, 925, 930, 960, 967 970, 980, 990 15928ccm 300/448kw(408/609PS)	96→	130 8	EX	V1044 V1044N3	541 050 02 27	41x9x145 +1,0S	45	5	VV227 VV227N VV227.1	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30 +0,05 +0,20	9x15,03x61	G F
ENG. 521 LA 24V 950–951 11946ccm 260kw(354PS)	96→	6	EX	V1942 V1942N3	457 050 03 27 457 050 05 27 +1,0S	42,1x9x145	55	5	VV227 VV227N VV227.1	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30 +0,05 +0,20	9x15,03x61	G F
Actros 541/Actros 542 ENG. 541 LA Euro 4/5 970, 980–981 11946ccm 235/335kw(320/455PS)	05–08								VV227N VV227.1	+0,05 +0,20		
ENG. 542 LA 32V Euro 2 956–957 15928ccm 448kw(609PS)	95→	8	EX	V1068 V1068N	541 016 07 91	17x8x87 +0,2d	45	1				
ENG. 542 LA 32V Euro 2/3 958 15928ccm 450kw(612PS)	04–08											

	CYL. Ø Nº	IN EX												
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE			
1	2	3	4	5	6	7	8	9	10	11	12			
MERCEDES – BENZ INDUSTRIAL DIESEL														
ENG. OM 542 LA 32V Euro 4/5 960, 970 15928ccm 375/448kw(510/609PS)	05→	130 8	IN	V1043	541 050 02 26 457 053 00 01	45,5x9x145	60	5	VV227	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30	9x15,03x61	G F		
				V1043N3	+1,0S									
				6	IN	V2409	543 053 01 01	45,5x9x144,9	60	5	VV227N VV227.1	+0,05 +0,20		
						VV227	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30	9x15,03x61	G F					
						VV227N VV227.1	+0,05 +0,20							
						8	EX	V1044 V1044N3	541 050 02 27	41x9x145 +1,0S	45	5	VV227	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30
		VV227N VV227.1	+0,05 +0,20											
		EX	V1942 V1942N3					457 050 03 27 457 050 05 27	42,1x9x145 +1,0S	55	5	VV227	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30	9x15,03x61
			VV227N VV227.1	+0,05 +0,20										
		EX	V1068 V1068N	541 016 07 91	17x8x87 +0,2d	45	1							
			10→		IN	V2271	472 050 0126 473 050 0126	47,2x9,5x240	70	1				
		EX			V2272	473 050 0127	45,1x9,5x246,1	60	1					
Actros Euro 6 Eng. OM 471 12800ccm	11→	6	IN	V2269	471 050 0426	45x9,5x240	70	1						
			EX	V2270	471 050 0427 471 050 0527	43,5x9,5x246,5	60	1						

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

MERCEDES – BENZ INDUSTRIAL DIESEL

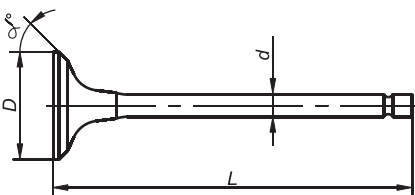
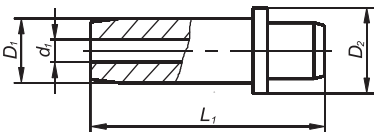
NEW		IN	V2269	471 050 0426	45x9,5x240	70	1				
		EX	V2384	471 050 0927	43x9,5x246,5	60	1				
Actros Citaro Eng. OM 470 10700ccm	14→	IN	V2339	470 050 0626	42,5x9,5x239,9	70	1				
		EX	V2340	470 050 0427	40x9,8x246,5	60	1				

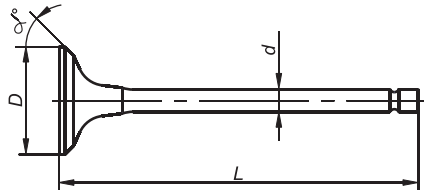
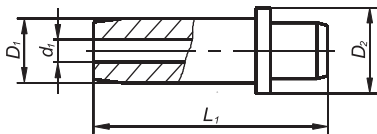
MERCEDES – BENZ INDUSTRIAL DIESEL Modulazioni ventili

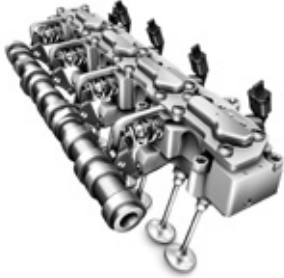
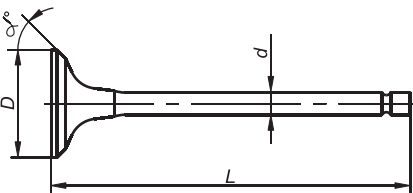
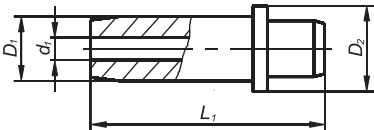
OM442, OM462	6 8	EX	V1376 V1376N	442 016 0191	17x8x84,2 +0,2d	45	1				
OM440, OM441, OM442 OM446, OM475, OM476	6 8 10	EX	V1266 V1266N	442 016 0391	17x8x90 +0,2d	45	1				
OM501, OM502 Actros	6 8	EX	V1068 V1068N	541 016 0791	17x8x87 +0,2d	45	1				
OM904, OM907, OM924 Atego	4 6 8	EX	V1224 V1224N	906 016 0491	15x8x83,5 +0,2d	70	1				
OM904, OM906, OM907 OM924, OM926 Atego	4 6 8	EX	V1420 V1420N	906 016 0791	15,2x6x81,8 +0,2d	70	1				

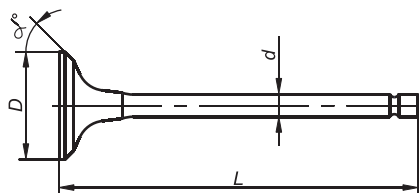
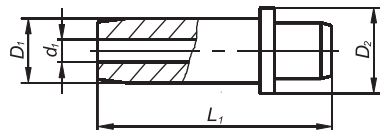
MG

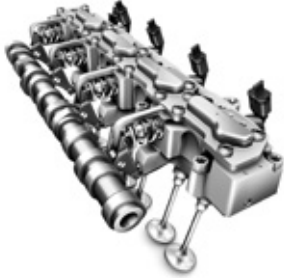
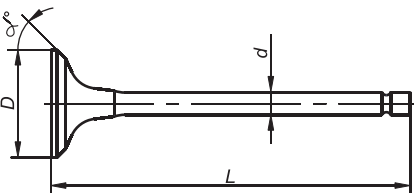
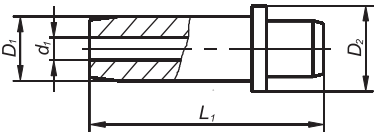
MG-F 1.8i 16V Eng. 18K4F	00→	80 4	IN	V1329	LGH 10029	27,7x6x89,6	45	1	VV415 VV415N	LGJ 10034	6x9,89x30 +0,05	G A1
MG-F160 1.8i 16V VVC Eng. 18K4K			EX	V1332	LGH 10065 LGH 101360	27,5x6x90	45	1	VV415 VV415N	LGJ 10034	6x9,89x30 +0,05	G A1
MG-TF 120/135 1.8i 16V Eng. 18K4F	02→											
MG-ZR 160 1.8i 16V MG-ZS 160 1.8i 16V Eng. 18K4F 1976ccm	01→											
											86kw(116PS)	

											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MG											
MG-TF 160 1.8 VVC MG-ZR 160 1.8 VVC Eng. 18K4F 1976ccm 86kw(116PS)	02→ 4	80 IN EX V6	V1331 V1332	LGH 10064 LGH 10065 LGH 101360	31,5x6x89,6 27,5x6x90	45	1	VV415 VV415N VV415 VV415N	LGJ 10034 LGJ 10034	6x9,89x30 +0,05 6x9,89x30 +0,05	G A1 G A1
MG-ZS 180 2.5 V6 24V MG-ZT 180/190 2.5 V6 24V Eng. 25K4F 2497ccm 130kw(177PS)	01→										
MG DIESEL											
MG-ZT 2.0 CDTi 16V MG-ZT-T 2.0 CDTi 16V Eng. 204D2 1951ccm 85/96kw(115/131PS)	02→ 4	84 IN EX	V994 V994	LGH 101450 LGH 101450	26x6x99,9 26x6x99,9	45	3	VV247 VV247.1 VV247 VV247.1	LGJ 10034 LGJ 10034	6x11,55x39 +0,05 6x11,55x39 +0,05	B A B A
MG-ZR 115 2.0 TDi 16V MG-ZS 115 2.0 TDi 16V Eng. 20T2N 1994ccm 63/77kw(85/105PS)	04→ 4	84,5 IN EX	V1333 V1334	LGH 100990 LGH 100980	37,2x7x86,7 32,5x7x86,7	45	1	VV375 VV375	LGJ 100510 LGJ 100510	7x12,05x28,3 7x12,05x28,3	G A G A
MINI											
Mini 1.4i 16V Eng. W10B14A 1398ccm	02→ 4	77 IN EX	V1705 V1706	11341485585 11347513023 11347829943 11347513024	30,3x6x109,5 23,3x6x118,3	45	3	VV526 VV526N VV526 VV526N		6x11,06x42 +0,05 6x11,06x42 +0,05	G A G A
Mini One 1.6i 16V Mini Cooper 1.6i 16V Eng. R50-R52 1598ccm 66/85kw(90/115PS)	00→ 4	77 IN EX	V1705 V1706	11341485585 11347513023 11347829943 11347513024	30,3x6x109,5 23,3x6x118,3	45	3	VV526 VV526N VV526 VV526N		6x11,06x42 +0,05 6x11,06x42 +0,05	G A G A
Mini Clubman One 1.4i 16V Mini One 1.4i 16V Eng. N12B14A 1397ccm	09→ 4	77 IN EX	V1701 V1702	11347533884 11347533885	30x5x97 25,1x5x110,8	45	3	VV519 VV519N VV520 VV520N		5x9,03x41 +0,05 5x9,03x44,5 +0,05	B A B A

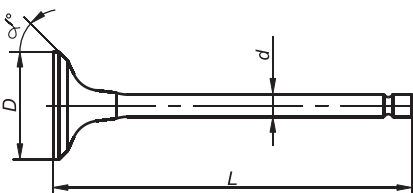
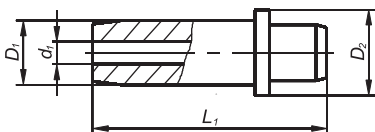
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MINI												
Cooper S Eng. N14B16A Eng. N14B16C 1598ccm	07→	77	IN	V1673	11347587470 11347534508	28,8x5x105,7	45	3	VV519 VV519N		5x9,03x41 +0,05	B A
		4										
			EX	V1674	11347547187	26x5x110,1	45	3	VV520 VV520N		5x9,03x44,5 +0,05	B A
Cooper 1.6 16V Eng. N18B16A Eng. N18B16B Eng. N18B16C 1598ccm	10→	77	IN	V2031	11347585901	29,7x5x95,1	45	3	VV519 VV519N		5x9,03x41 +0,05	B A
		4										
			EX	V1674	11347547187	26x5x110,1	45	3	VV520 VV520N		5x9,03x44,5 +0,05	B A
			IN	V1701	11347533884	30x5x97	45	3	VV519 VV519N		5x9,03x41 +0,05	B A
			EX	V1702	11347533885	25,1x5x110,8	45	3	VV520 VV520N		5x9,03x44,5 +0,05	B A
Cooper 1.6i 16V Eng. N16B16A Eng. N12B16A 1598ccm	09→	77	IN	V1701	11347533884	30x5x97	45	3	VV519 VV519N		5x9,03x41 +0,05	B A
		4										
			EX	V1702	11347533885	25,1x5x110,8	45	3	VV520 VV520N		5x9,03x44,5 +0,05	B A
MINI DIESEL												
Mini One 1.4D Eng. 1ND-1NDTV 1364ccm	03→	73	IN	V1487	1134 7 791 054	30,6x6x100	45	1	VV374	11122-30020	6x11,09x40,6	G P
		4										
55kw(75PS)			EX	V1488	1134 7 791 055	28x6x99,8	45	1	VV374	11122-30020	6x11,09x40,6	G P
Mini Cooper D Eng. R55/56 1560ccm	06→	75	IN	V1493	1134 7 805 968	25,6x5,5x96,4	45	3	VV399 VV399N		5,5x9,56x34 +0,05	G A
		4										
80kw(109PS)			EX	V1494	1134 7 805 969	23,4x5,5x96,6	45	3	VV399 VV399N		5,5x9,56x34 +0,05	G A
Mini One 1.6 D 16V Mini Cooper 1.6 D 16V Mini Cubman 1.6 D Eng. 9H2(DV6TED4) 1560ccm	07→	75	IN	V2093		25,6x5,5x96,1	45	3	VV399 VV399N		5,5x9,56x34 +0,05	G A
		4										
	07→		EX	V2094		23,5x5,5x96,3	45	3	VV399 VV399N		5,5x9,56x34 +0,05	G A

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MINI DIESEL											
Mini One 1.6 D 16V Mini Cooper 1.6 D 16V Eng. N47C16A 1598ccm	11→ 11→ 66/82kw(90/112PS)	78 4 EX	IN EX	V2037 V2038	1134 7 812 618 1134 7 812 616	24,8x5x94 21,2x5x94	45 45	3 3	VV510 VV510N VV510 VV510N	 5x10,04x35,5 +0,05 5x10,04x35,5 +0,05	B A B A
MIO STANDARD – HONDA											
HONDA-F42 Eng. G42			IN EX	V627 V628	14711 822 010 14721 822 020	29x7x82,75 26x7x80,75	45 45	9 9			
HONDA F400 Eng. G-150J F, U, S, L	82→		IN EX	V621 V622	14711 887 0000 14721 887 0000	26x7x81,6 23,5x7x81,5	45 45	9 9	VV81 VV81	12133 887 3000 12133 887 3000	G A G A
HONDA F600/F620 Eng. G-200J F, U, S, L	82→		IN EX	V623 V624	14711 883 0000 14721 883 0000	29x7x96,3 26x7x96,8	45 45	9 9	VV82 VV82	12133 883 3000 12133 883 3000	G A G A
HONDA F700 Eng. G 65			IN EX	V625 V626	14711 823 020 14721 823 020	34x7x89,75 29x7x89,75	45 45	9 9			
HONDA F28 Eng. G 28			IN EX	V629 V630	14711 816 325 14721 844 000	19x4,8x55,5 16x4,8x55,5	45 45	9 9			
MITSUBISHI											
Fiore, Lancer 1200 Colt, Mirage 1200 Eng. G11B OHC 1244ccm	77→ 77→ 53kw(72PS)	69,5 4	IN EX	V1145 V1146	MD-016460 MD-016461	34x6,6x102,1 30x6,6x100,9	45 45	1 1			
Fiore, Lancer 1300 Colt, Mirage 1300 Eng. G13B OHC 1299ccm	83→ 83→ 56kw(77PS)	71 4	IN EX	V1145 V1146	MD-016460 MD-016461	34x6,6x102,1 30x6,6x100,9	45 45	1 1			

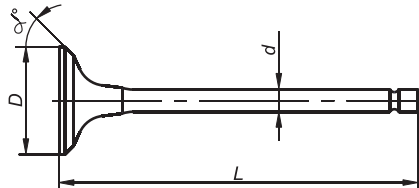
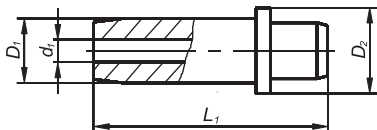
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MITSUBISHI											
Celeste, Champ 1.4 Challenger 1.4 Fiore, Lancer 1.4 Colt, Mirage 1.4 Tredia 1.4 Eng. G12B/4G12 OHC 1410ccm 60kw(82PS)	78→ 78→ 78→ 78→ 78→	74 4	IN EX	V1145 V1146	MD-016460 MD-016461	34x6,6x102,1 30x6,6x100,9	45 45	1 1			
Fiore, Lancer 1.5 Colt, Mirage 1.5 Eng. G15B OHC 1468ccm 64kw(87PS)	83→ 83→	75 4									
Space Star 1.3 16V Eng. 4G13 1299ccm 60/63kw(82/86PS)	98→	71 4	IN EX	V1771 V1772	MD 342090 MD 342091	27x5,5x111,6 23,4x5,5x114,8	45 45	1 1	VV433 VV434	MD 357589 MD 357586	5,5x10,61x48 5,5x10,61x55 G F16
Colt 1.3i 12V Lancer 1.3i 12V Mirage 1.3i 12V Eng. 4G13 1299ccm 55/58kw(75/79PS)	89→ 89→ 89→	71 4	IN EX	V1619 V1620	MD 128435 MD 139755	31x6,6x100,9 33x6,6x101	45 45	1 1			
Colt 1.3i 12V Lancer 1.3i 12V Mirage 1.3i 12V Eng. 4G13 1299ccm 55/58kw(75/79PS)	89→ 89→ 89→	71 4	IN IN EX	V1619 V1839 V1620	MD 128435 MD 128434 MD 139755 MD 139314	31x6,6x100,9 26x6,6x100,7 33x6,6x101	45 45 45	1 1 1			
Colt 1.5i Lancer 1.5i Mirage 1.5i Eng. 4G15 1468ccm 62/66kw(84/90PS)	88→ 84→ 88→	75,5 4									
Colt 1.5i Lancer 1.5i Mirage 1.5i Eng. 4G15 1468ccm 62/66kw(84/90PS)	88→ 84→ 88→	75,5 4	IN EX	V1619 V1620	MD 128435 MD 139755	31x6,6x100,9 33x6,6x101	45 45	1 1			

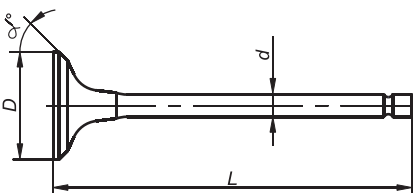
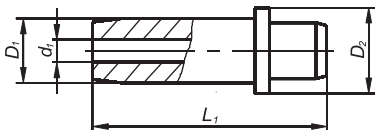
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
mitsubishi											
Colt 1.1i 12V Eng. 3A91 1124ccm 55kw(75PS) 04→	75 3	IN	V1773	MR 984260	30,4x5x89,5	45	1	VV489		5x10,56x34,5	G F
		EX	V1774	MR 984261	25,4x5x91	45	1	VV489		5x10,56x34,5	G F
Colt 1.3i 16V Eng. 4A90 1332ccm 70kw(95PS) 04→	75 4										
Colt 1.5i 16V Eng. 4A91 1499ccm 04→											
CZT 1.5 16V Turbo NEW	4	IN	V2393		30x5,5x106,5	45	1				
		EX	V2394		25x5,5x106,8	45	1				
Lanser		IN	V2227		30,4x5x87,3	45	1				
		EX	V2228		25,4x5x88,6	45	1				
Space Star 1.6 16V Lancer 1.6 16V Eng. 4G18 1594ccm 72kw(98PS) 04→	76 4	IN	V1775	MD 339752	29x5,5x111,7	45	1	VV433	MD 357589	5,5x10,61x48	G F1
		EX	V1776	MD 339754	25,4x5,5x114,7	45	1	VV434	MD 357586	5,5x10,61x55	G F16
Colt 1.6 Mirage 1.6 Lancer 1.6 L300 1.6 Eng. G32B 1598ccm 60kw(81,5PS) 85→88	76,9 4	IN	V1567	MD 075925	38x8x103,5	45	1				
		EX	V1568	MD 075927	31x8x100	45	1				
Colt 1.6 16V Carisma 1.6 16V Lancer 1.6 16V Eng. 4G92 1595ccm 66/76kw(90/103PS) 95→ 95→ 92→	4	IN	V1517	MD 162422 MD 162799	30x6x110	45	1	VV412 VV412N	MD 300702	6x11,12x45,5 +0,05	G P
		EX	V1518	MD 162423	27x6x113,6	45	1	VV412 VV412N	MD 300702	6x11,12x45,5 +0,05	G P
Galant 1.8 16V Colt 1.8 16V Wista 4WD 1.8 16V Expo 2WD/4WD 1.8 16V Eng. 4G93 1800ccm 85/90kw(116/122PS) 92→ 93→ 92→ 98→											

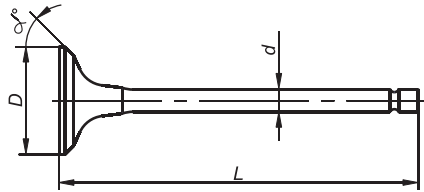
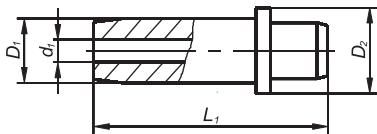
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
mitsubishi											
Payero GDI 1.8 16V Space Star 1.8 16V Carisma 1.8 16V Eng. 4G93 1834ccm	99-00 99→ 99→ 82/96kw(112/131PS)	81 4 79 4	IN EX	V1599 V1600	MD 162780 MD 162800	33x6x104,2 28,2x6x103,8	45 1 45 1	VV412 VV412N VV412 VV412N VV450 VV450N	MD 300702 MD 300702 MD 172530	6x11,12x45,5 +0,05 6x11,12x45,5 +0,05 6x11,12x50,5 +0,05	G P G P G P6
Lancer 1.6i 16V Colt 1.6i 16V Mirage 1.6i 16V Eng. 4G61 1595ccm	88→ 88→ 87→ 91kw(124PS)	82,3 4 85 4	IN EX	V927 V928	MD 127840 22211-33000 MD 127841 22212-33000	34x6,5x109,6 30,5x6,5x109,6	45 1 45 1	VV133 VV133N VV134 VV134N	22114-33010 22115-33010	6,6x12,06x50,5 +0,05 6,6x12,06x45,5 +0,05	G P G P
Eclipse 2.0 16V Galant 2.0 16V 4WD Lancer 2.0 16V 4WD RVR 2.0 16V Wista 2.0 16V 4WD L300 2.0 16V Outlander 2.0 16V Sapporo 2.0 16V Space Wagon 2.0 16V Eng. 4G63/4G63T Turbo 1997ccm	90→ 90→ 90→ 91→ 88→ 85-86 81-84 85-91 75/82/110kw	85 4 	IN EX	 	 	 	45 1 45 1	 	 	 	
Outlander 2.4 16V Eng. 4G64 2378ccm	04→ 102kw(139PS)	4 	IN EX	V1777 V1778	MR 994497 MR 994498	34x6x111,5 30,5x6x113,6	45 1 45 1	 	 	 	
Galant 2wd 2.0 16V Space Wagon 2.0 16V Space Gear 2.0 16V Space Runner 2.0 16V Eng. 4G63 1997ccm	93→ 92→ 95→ 99→ 75-110kw(102-150PS)	85 4 86,5 4	IN EX	V1195 V1196	MD 301 193 MD 197 097	33x6x112,5 29x6x114	45 1 45 1	VV412 VV412N VV450 VV450N	MD 300702 MD 172530	6x11,12x45,5 +0,05 6x11,12x50,5 +0,05	G P G P6
L300 2.4 16V Pajero 2.4 16V Space Runner 2.4 16V Eng. 4G64 2350ccm	93→ 97kw(132PS)	 	 	 	 	 	 	 	 	 	

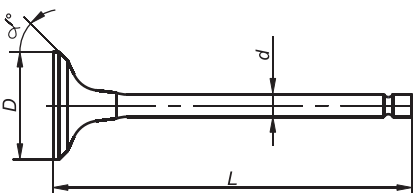
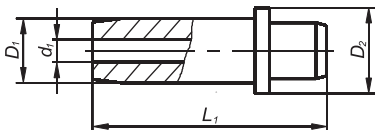
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MITSUBISHI											
Space Gear 2.4 16V Expo 2WD/4WD 2.4 16V Vista 4WD 2.4 16V Sonata 2.4 16V Eng. 4G64K 2350ccm 89→ 85kw(116PS)	86,5 4	IN EX	V1195 V1196	MD 301 193 MD 197 097	33x6x112,5 29x6x114	45 45	1 1	VV412 VV412N VV450 VV450N	MD 300702 MD 172530	6x11,12x45,5 +0,05 6x11,12x50,5 +0,05	G P G P6
Lancer 2.4i 16V Outlander 2.4i 16V Eng. 4B12 2360ccm 125kw(170PS)	88 4	IN EX	V2017 V2018	 	35x5,5x113,2 28,9x5,5x105,9	45 45	1 1	 	 	 	
3000 GT Pajero 3.5 V6 2972ccm 3497ccm	V6	IN	V2311	MD 135479 MD 135481 MD 172315	34,9x6,5x106,3	45	1	 	 	 	
		EX	V2312	MD 135480 MD135482 MD 168241 MD 183730	30,5x6,5x105,5	45	1				
MITSUBISHI DIESEL											
Colt 1.5Di-D Eng. OM639.939 1493ccm 04→ 70kw(95PS)	75 4	IN EX	V1743 V1744	MN 960088 MN 960089	28,5x6x102,3 25,4x6x102,3	45 45	3 3	VV398 VV398N VV398 VV398N	 	6x11,57x34,4 +0,03 6x11,57x34,4 +0,03	G F G F
Carisma Sedan 1.9 TD Hatchback Eng. F8Q 1870ccm 99→ 75kw(102PS)	80 4	IN EX	V1057 V1058	M 889130 M 852144 M 889131 M 852146	35x8x110,5 31,5x8x110,5	45 45	1 1	VV146 VV146.1 VV146.2 VV146 VV146.1 VV146.2	 	8x13,06x39 +0,05 +0,20 8x13,06x39 +0,05 +0,20	B F B F
Carizma 1.9 TD Eng. F8Q 1870ccm 96-00 66/70kw(90/95PS)	80 4	IN	V855 V855N3	7701 466 716	36,1x8x111,7 +1,0S	60	1	VV146 VV146.1 VV146.2	 	8x13,06x39 +0,05 +0,20	B F
		EX	V856 V856N3	7701 466 717	31,6x8x111,3 +1,0S	45	1	VV146 VV146.1 VV146.2	 	8x13,06x39 +0,05 +0,20	B F

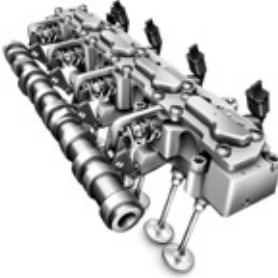
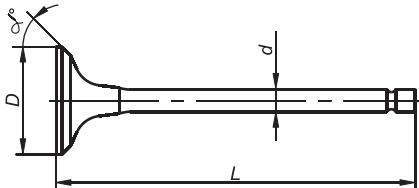
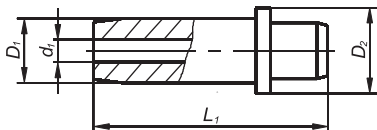
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS $d_1 \times D_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
mitsubishi diesel											
Carisma 1.9 TDi 99→ Space Star 1.9D-Di 01→ Eng. F9Q 1870ccm 74/75W(100/102PS)	80 4	IN	V951	MW30620685	35,4x7x111	45	1	VV182	7700 859 086	7x12,06x38,3 +0,05	B F
			V952	MW30620686	32,6x7x110,8	45	1	VV182 VV182.1	7700 859 086	7x12,06x38,3 +0,05	B F
Grandis 2.0 Di-D 16V 05→ Outlander 2.0 Di-D 16V 07→ Eng. BSY VW 1968ccm 100/103kw(136/140PS)	81 4	IN	V1607	MN 980080	29,2x6x87,8	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
								VV215		6x11,5/10,07x41,5	B G
		EX	V1608	MN 980081	25,4x6x87,5	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
								VV216		6x11,5/10,07x41,5	B G
Space Runier 2.0D/TD 92→ Space Wagon 2.0D/TD 92→ Lancer, Galant 2.0D/TD 93→ Eng. 4D68/4D68T 1998ccm 50/60/66kw(68/82/90PS)	82,7 4	IN	V1207	MD 173602	36x8x114,1	45	1	VV443	MD 076 354	8x13,13x56	G F
			V1208	MD 180356	31,9x8x113,6	45	1	VV444	MD 076 358	8x13,13x58	G F6
Space Wagon 2.4D/TD 92→ 2351ccm											
Canter 2.3D/TD 84-86 Galant 2.3TD 80-84 L 200 2.3D/DT 84-86 L 300 2.3D/DT 84-86 Pajero 2.3D/TD 84-86 Shogun 2.3D/TD 84-86 Delica 2.3D 84-86 Montero 2.3D 84-86 Sigma 2.3D/TD 84-86 Eng. 4D55/4D55T Turbo 2346ccm 48/62kw(65/84PS)	91,1 4	IN	V943	MD 083661	40x8x136,5	45	1	VV277	MD 050523	8x13,12x71	G P
			V944	MD 083662	34x8x136,5	45	1	VV278	MD 050527	8x13,12x74	G P6
		EX									

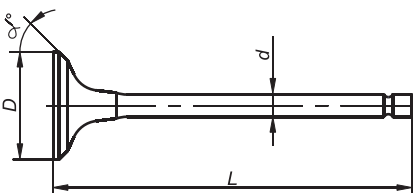
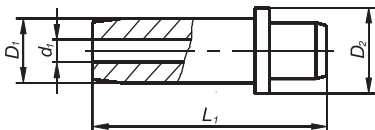
												
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MITSUBISHI DIESEL												
Canter, Delica 2.5D/TD L 200, L 300 2.5D/TD Pajero, Shogun 2.5D/TD Colt 2.5D Montero 2.5D/TD Space Gear 2.5D Eng. 4D56/4D56T Turbo 2476ccm 51-64kw(69-87PS)	86→ 86→ 86→ 86→ 86→ 86→	91,1 4	IN EX	V943 V944	MD 083661 MD 083662	40x8x136,5 34x8x136,5	45 45	1 1	VV277 VV278	MD 050523 MD 050527	8x13,12x71 8x13,12x74	G P G P6
L300 2.5 TD Space Gear 2.5 TD Pajero Metal Top 2.5 TD Eng. 4D56T 2477ccm 73kw(99PS)	86→ 89→	91,1 4	IN EX	V1405 V1406	MD 198404 MD 198406	40x8x130,1 34x8x129,9	45 45	1 1	VV277 VV278	MD 050523 MD 050527	8x13,12x71 8x13,12x74	G P G P6
Pajero 2.5 TD Eng. 4D56T 2477ccm	01→	91,1 4	IN EX	V2095 V2096	22211-42860 22212-42860	40x8x132 34x8x132	45 45	1 1	VV277 VV278	MD 050523 MD 050527	8x13,12x71 8x13,12x74	G P G P6
L200 2.5 Di-D 16V L200/Pajero Sport 2.5 TDI 16V 2477ccm	05→ 06→	91,1 4	IN EX	V1981 V1982	MN176597 MN176598	31,5x6x107,6 27,5x6x107,9	45 45	1 1				
Canter 2.8 D/TDi Pajero 2.8 D/TDi Eng. 4M40, 4M40T Turbo 2835ccm 85/92kw(115/125PS)	96→ 94→	95 4	IN EX	V1005 V1006	ME 200050 ME 200051	41x8x108,6 35x8x108,4	45 45	1 1	VV256 VV256N VV256 VV256N		8x13,09x58 +0,05 8x13,09x58 +0,05	G P6 G P6
Eng. FB 634 2977ccm	03→		IN EX	V2233 V2234		30x6,5x115,4 28x6,5x115,4	45 45	1 1				
Pajero Montero 3.2 16V Eng. 4M41 3200ccm 118/121kw(160/166PS)	00→	98,5 6	IN	V1323	ME 203101	33x6,6x115,5	45	1	VV585 VV453	ME 204 179	6,6x12,06x54 6,6x12,12x54	G P G P
Pajero 3.5TDi Metal Top 3497ccm	00→		EX	V1324	ME 203102	30,9x6,6x115,4	45	1	VV586 VV454	ME 204 182	6,6x12,06x47 6,6x12,12x47	G P G P36

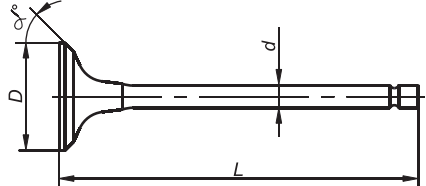
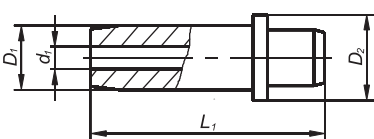
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MITSUBISHI DIESEL												
Pajero 3.8 V6 Eng. G7HP 3828ccm	07→	V6	IN	V2343	MN 163799	36,5x6x109,4	45	1				
			EX	V2344	MN 163286	32x6x113,5	45	1				
Canter			IN	V2317	ME 013810	44x8,9x136,8	45	8				
			EX	V2318	ME 220217	37,1x8,9x136,9	45	8				
MOSKWICZ												
M408/M426 1360ccm	65-69	76 4	IN	V265	408-1007010	36,3x8x115	45	5				
			EX	V266	408-1007015	31,5x8x115,2	45	5				
M412/M427 1479ccm		82 4	IN	V267	412-1007010	38x8x117	45	10				
			EX	V268	412-1007015	34x8x112,5	45	10				
MTZ												
MTZ-50/52 Belorus 500/520/550/552/800/820 Eng. D50, D45, D243 4750ccm 37/48kw(50/65PS)	110 4	IN		V533	50 100 7014	47,8x11x158	45	8	VV42	240.1007-032	11x18,04x85,5	G
				V533N		+0,3S			VV42N		+0,04	F
				V533N1		+0,5S			VV42N1		+1,0	
				V533N2		+0,8S						
				V533N3		+1,0S						
		EX		V534	50 100 7015	41,8x11x158	45	8	VV42	240.1007-032	11x18,04x85,5	G
				V534N		+0,3S			VV42N		+0,04	F
				V534N1		+0,5S			VV42N1		+1,0	
				V534N2		+0,8S						
				V534N3		+1,0S						

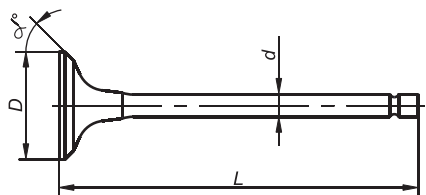
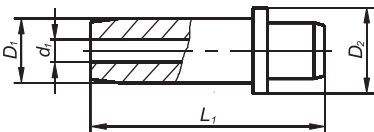
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MTZ/MMZ – BYELARUS												
		IN	V533	50–100–7014	47,8x11x158	45	8	VV42	240.1007–032	11x18,04x85,5	G	
			V533N		+0,3S			VV42N		+0,04	F	
			V533N1		+0,5S			VV42N1		+1,0		
			V533N2		+0,8S							
			V533N3		+1,0S							
		IN	V1051	240–100–7014	48x11x158	45	8	VV42	240.1007–032	11x18,04x85,5	G	
			V1051N1		+0,5S			VV42N		+0,04	F	
								VV42N1		+1,0		
		IN	V1053	212K438–95	48x11x158	60	8	VV42	240.1007–032	11x18,04x85,5	G	
			V1053N1		+0,5S			VV42N		+0,04	F	
			V1053N2		+0,8S			VV42N1		+1,0		
		EX	V534	50–100–7015	41,8x11x158	45	8	VV42	240.1007–032	11x18,04x85,5	G	
			V534N		+0,3S			VV42N		+0,04	F	
			V534N1		+0,5S			VV42N1		+1,0		
			V534N2		+0,8S							
			V534N3		+1,0S							
		EX	V1052	240–100–7015	42x11x158	45	8	VV42	240.1007–032	11x18,04x85,5	G	
			V1052N1		+0,5S			VV42N		+0,04	F	
			V1052N2		+0,8S			VV42N1		+1,0		
		MWM										
Eng. D 208/308Z 1490ccm	65–73 23kw(31PS)	95 2	IN	V687	6 308 0 460 001 4	38x9x117	45	3	VV548	630503320034	9x16,5/15,05x58	G
				V687N3		+1,0S						G
Eng. D 208/308D 2235ccm	65–73 34kw(47PS)	95 3	EX	V688	6 207 0 460 301 4	35x9x117	45	3	VV548	630503320034	9x16,5/15,05x58	G
				V688N3		+1,0S						G
Eng. D 208/308V 3080ccm	65–73 46kw(62PS)	95 4										
Eng. D 208/308S 4470ccm	65–73 69kw(93PS)	95 6										

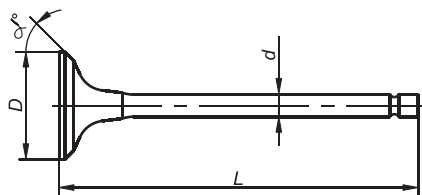
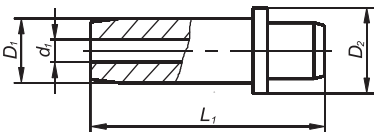
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MWM												
Eng. KD 12E 880ccm	52–63	95 1	IN	V2143 V2143N3 V2143N5	632134600014	41x10x129 +1,0S +2,0S	45 9					
Eng. KD 12Z 1700ccm		2	EX	V2144 V2144N3 V2144N5	632134600024	37x10x129 +1,0S +2,0S	45 9					
Eng. KD 12D 2550ccm		3										
Eng. KD 12V 3400ccm		4										
Eng. AKD 12/112E 910ccm	54–65	98 1										
Eng. AKD 12/112Z 1810ccm		2										
Eng. AKD 12/112D 2720ccm		3										
Eng. 322D 2703ccm												
Eng. AKD 12/112V 3620ccm		4										
Eng. D 327 1880ccm 2820ccm 3770ccm 5650ccm	70–77 25kw(34PS) 37kw(50PS) 50kw(67PS) 75kw(101PS)	100 2 3 4 6	IN EX	V337 V338	6 226 0 460 005 4 6 308 0 460 002 4	41x9x117 38x9x117	45 45	3 3	VV548 VV548	6.305.0.332.003.4 6.305.0.332.003.4	9x16,5/15,05x58 9x16,5/15,05x58	G G G G
Eng. D 227 3770ccm 5654ccm	70–77 55kw(74PS) 83kw(112PS)	4 6										
Eng. D 226Z 2080ccm	69–77 30kw(40PS)	105 2										
Eng. D 226D 3120ccm	69–77 44kw(60PS)	3										

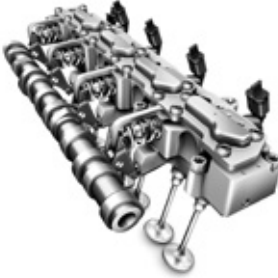
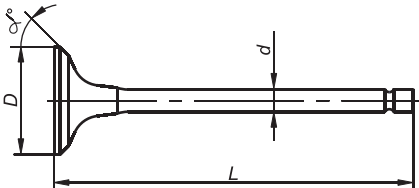
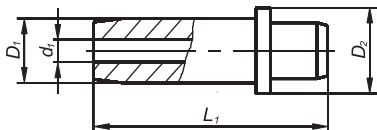
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MWM												
Eng. D 226V 4160ccm	69-77 59kw(80PS)	105 4	IN	V337	6 226 0 460 005 4	41x9x117	45 3	VV548	6.305.0.332.003.4	9x16,5/15,05x58	G G	
Eng. D 226S 6240ccm	69-77 89kw(120PS)	6	EX	V338	6 308 0 460 002 4	38x9x117	45 3	VV548	6.305.0.332.003.4	9x16,5/15,05x58	G G	
Eng. TD 226-B3 3117ccm	85-98 51-84kw(70-114PS)	105 3	IN	V1967	12159606 6 226.0.460.701.4	47x9x117	60 3	VV549	12189512 6.226.0.332.703.4	9x15x58	G A114	
Eng. TD 226-B4 4154ccm	87-01 60-77kw(82-105PS)	4	EX	V1968	12159608 6 226.0.460.703.4	43x9x117	45 3	VV550	12159459 6.226.0.332.704.4	9x15x51,5	G A114	
Eng. TD 226-B6 6234ccm	69→ 81-136kw(110-185PS)	6										
Eng. TD 226-4 4160ccm	69→ 68-74kw(92-100PS)	105 4	IN	V1937	6 228.0.460.301.4	42x9x117,2	60 3	VV548	6.305.0.332.003.4	9x16,5/15,05x58	G G	
Eng. TD 226-6 6234ccm	92-96 99-125kw(135-170PS)	6	EX	V1938	6 226.0.460.302.4	38x9x117	45 3	VV548	6.305.0.332.003.4	9x16,5/15,05x58	G G	
Eng. TD 228-6 6234ccm	76→ 99-110kw(135-150PS)											
Eng. D 226-B2 2080ccm	86→ 32kw(43PS)	105 2	IN	V2097	1215 6904 6 226.0.460.501.4	47x9x117	45 3	VV549	12189512 6.226.0.332.703.4	9x15x58	G A114	
Eng. D 226-B3 3120ccm	86→ 33-55kw(45-75PS)	3		V2097N3 V2097N5		+1,0S +2,0S						
Eng. D 226-B4 4154ccm	86-93 51-74kw(70-100PS)	4	EX	V2098	1215 9605 6 226.0.460.503.4	43x9x117	45 3	VV550	12159459 6.226.0.332.704.4	9x15x51,5	G A114	
Eng. D 226-B6 6234ccm	86-99 77-105kw(88-120PS)	6		V2098N3 V2098N5		+1,0S +2,0S						
Eng. D 232S 8820ccm	66→ 112kw(152PS)	120 V-6	IN	V689	6 232 0 460 002 4	46x11x151,9	45 1					
Eng. TD 232S - Turbo 8820ccm	66→ 150kw(203PS)		EX	V689	6 232 0 460 002 4	46x11x151,9	45 1					

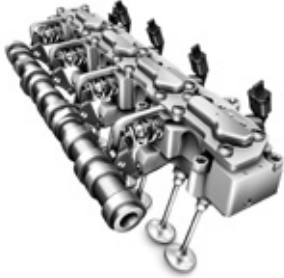
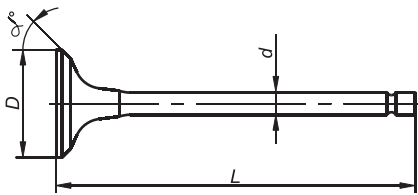
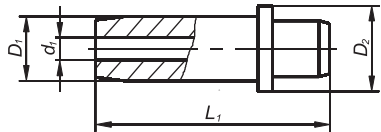
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MWM												
Eng. D 232A 11760ccm 149kw(202PS)	66→	120 V-8	IN EX	V689 V689	6 232 0 460 002 4 6 232 0 460 002 4	46x11x151,9 46x11x151,9	45 45	1 1				
Eng. TD 232A – Turbo 11760ccm 199kw(270PS)	66→											
Eng. D 232 12 17640ccm 224kw(304PS)	66→	V-12										
Eng. TD 232 12 – Turbo 17640ccm 299kw(406PS)	66→											
Eng. TBD 234-6 10800ccm 300kw(408PS)	83→	128 6	IN EX	V2099 V2100	6 234.0.460.006.4 6 234.0.460.005.4	58x10x162,9 53x10x161,9	60 45	1 1				
Eng. TBD 234-8 14400ccm 400kw(544PS)	87→	8										
Eng. TBD 234-12 21600ccm 600kw(816PS)	87→	12										
Eng. TBD 234-16 28800ccm 800kw(1087PS)	87→	16										
Eng. TBD 616 V8 17500ccm 480kw(653PS)		132 8	IN EX	V2101 V2102		47x9x152,7 43x9x152,7	60 60	3 3				
Eng. TBD 616 V12 26300ccm 720kw(979PS)		12										
Eng. TBD 616 V16 35000ccm 960kw(1305PS)		16										
NISSAN												
March Micra 1.0 Eng. MA10S 998ccm 37/40kw(50/54PS)	86→	68 4	IN EX	V1459 V1460	13201-10B00 13201-50K00 13202-10B00	35,1x7x109,7 30,1x7x109,4	45 45	5 5	VV361 VV361.1 VV362 VV362.1	13212-01B11 13213-01B11	7x11,04x50 +0,20 7x11,04x53 +0,20	G P G P6
March Micra 1.2 Eng. MA12S 1235ccm 42/44kw(57/60PS)	91→	71 4	EX	V1462	13202-50K02	30,1x7x109,2	45	5	VV362 VV362.1	13213-01B11	7x11,04x53 +0,20	G P6

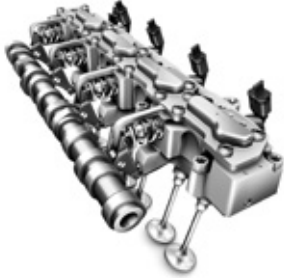
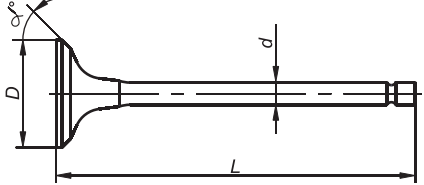
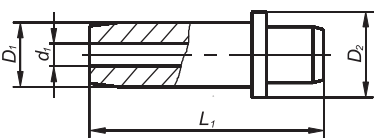
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
NISSAN												
Kubistar 1.2 Eng. D7F 722 1149ccm 44kw(60PS)	03→	69 4	IN	V867	13201-00QAG 7701 469 266	32,8x6x106,8	60	1	VV248 VV248.1 VV248.2		6x11,08x45 +0,05 +0,20	B A
			EX	V868	13202-00QAH 7701 469 269	29,9x6x106,7	45	1	VV248 VV248.1 VV248.2		6x11,08x45 +0,05 +0,20	B A
Kubistar 1.2i 16V Eng. D4F – Renault 1149ccm 55kw(75PS)	03→	69 4	IN	V1165	13201-00QAJ 7701 472 986	26x5,5x110,7	45	3	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
			EX	V1166	13202-00QAK 7701 473 004	22x5,5x112,5	45	3	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
Micra 1.0i 16V Eng. CG10DE DOHC 998ccm 40kw(54PS)	92-00	71 4	IN	V1201	13201-99B10	27,5x5,5x95,8	45	1	VV427 VV427.1	13212-41B60	5,5x9,52x42 +0,20	G P
			EX	V1202	13202-99B10	22,5x5,5x95,8	45	1	VV428 VV428.1	13213-41B60	5,5x9,52x44 +0,20	G P6
Micra 1.3i 16V Eng. CG13DE DOHC 1275ccm 55kw(75PS)	92-00											
Micra 1.4i 16V Eng. CGA3DE DOHC 1348ccm 60kw(82PS)	00-03	72 4										
Micra 1.0i 16V Eng. CR10DE 998ccm 48kw(65PS)	03→	71 4	IN	V1783	13201-1F700	27,5x5,5x97,8	45	1	VV427 VV427.1	13212-41B60	5,5x9,52x42 +0,20	G P
			EX	V1784	13202-1F700	22,5x5,5x97,9	45	1	VV428 VV428.1	13213-41B60	5,5x9,52x44 +0,20	G P6
Micra 1.2i 16V Eng. CR12DE 1240ccm 59kw(80PS)	03→	72 4										
Micra 1.4i 16V Eng. CR14DE 1386ccm 65kw(88PS)	00-03											

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
NISSAN												
Pixo 1.0 Eng. K10B 996ccm	11→	73 3	IN	V1923	13201-4A00A	27,5x5,5x87,5	45	1	VV498		5,5x10,6x34	G F
			EX	V1924	13202-4A00D	22,9x5,5x87,1	45	1	VV498		5,5x10,6x34	G F
Micra 1.4i Cabrio 16V Note 1.4i 16V Eng. CR14DE 1386ccm 65kw(88PS)	05→ 06→	73	IN	V2105	13201-BC000	27,5x5,5x97,9	45	1	VV427 VV427.1	13212-41B60	5,5x9,52x42 +0,20	G P
			EX	V2106	13202-BC000	22,5x5,5x97,9	45	1	VV428 VV428.1	13213-41B60	5,5x9,52x44 +0,20	G P6
Sunny 1.4i 16V Almera 1.4i 16V Eng. GA14DE 1392ccm	90→95 95→	73,6 4	IN	V1917	13201-4M500	29x5,5x92,2	45	1	VV447 VV447.1	13212-53Y60	5,5x9,52x40 +0,20	G P
			EX	V1918	13202-2F000	24x5,5x92,6	45	1	VV448 VV448.1	13213-53Y60	5,5x9,52x40 +0,20	G P6
Sunny 1.4HB 16V Almera 1.4 16V Eng. GA14DE 1392ccm 55kw(75PS)	93→ 98→	73,6 4	IN	V1199	13201-57Y00 (13201-2F000)	30x5,5x92,3	45	1	VV447 VV447.1	13212-53Y60	5,5x9,52x40 +0,20	G P
			EX	V1200	13202-57Y00 (13202-2F000)	24x5,5x92,6	45	1	VV448 VV448.1	13213-53Y60	5,5x9,52x40 +0,20	G P6
Sunny 1.6HB 16V Primera 1.6SD 16V Almera 1.6SD 16V Eng. GA16DE 1597ccm 66kw(90PS)	91→93 94→ 94→	76 4										
Serena 1.6 16V Almera 1.6 16V Primera Wagon 1.6 16V Sunny 1.6i 16V Vanette 1.6i 16V Eng. GA16DE 1597ccm 71/73kw(97/99PS)	92→99 95→ 99→ 91→ 95→	73,6 4	IN	V1199	13201-57Y00 (13201-2F000)	30x5,5x92,3	45	1	VV447 VV447.1	13212-53Y60	5,5x9,52x40 +0,20	G P
			EX	V1200	13202-57Y00 (13202-2F000)	24x5,5x92,6	45	1	VV448 VV448.1	13213-53Y60	5,5x9,52x40 +0,20	G P6
Almera 1.5 16V Eng. QG15DE 1497ccm 66kw(90PS)	00→	73,6 4	IN	V1919	13201-BM500	29,1x5,5x92,3	45	1	VV447 VV447.1	13212-53Y60	5,5x9,52x40 +0,20	G P
			EX	V1200	13202-57Y00	24x5,5x92,6	45	1	VV448 VV448.1	13213-53Y60	5,5x9,52x40 +0,20	G P6

											
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
NISSAN											
Almera 1.5 16V Eng. QG15DE 1497ccm 66/72kw(90/98PS)	02→ 73,6 4	IN EX	V1785 V1786	13201-BM505 13202-BM500	29x5,5x94,4 24x5,5x94,7	45	1	VV447 VV447.1 VV448 VV448.1	13212-53Y60 13213-53Y60	5,5x9,52x40 +0,20 5,5x9,52x40 +0,20	G P G P6
Shery 1500 Pulsar, Sunny 1500 Vanette 1500 Eng. A15/A15S 1487ccm 51kw(69PS)	83→ 83→ 83→ 76 4	IN EX	V1581 V1582	13201-H9500 13202-H9500	35x8x99,8 30x8x99,8	45	5 8				
Micra 1.6 16V Micra 1.6 Cabrio 16V Note 1.6 16V Tiida 1.6 16V Qashqai 1.6 16V Eng. HR16DE 1596ccm 81/84kw(110/114PS)	05→ 06→ 06→ 05→ 07→ 78 4	IN EX	V1791 V1792	13201-ED000 13201-ED00A 13202-ED000 13202-ED00C	31,1x5x101,7 25,4x5x102,5	45	1	VV483 VV484	13212-ED060 13213-ED060	5x9,23x42,2 5x9,23x42,2	G F G F6
Micra 1.6 16V Tida 1.6 16V Note 1.6 16V Qashqai 1.6 16V Juk 1.6 16V Eng. HR16DE 1598ccm	02→ 05→ 06→ 06→ 11→ 78 4	IN EX	V1791 V2107 V1792	13201-ED00A 13201-ED00C 13201-ED000 13201-1KT04 13202-ED00C 13202-ED000 13202-ED00A	31,1x5x101,7 31,7x5x101,7 25,4x5x102,5	45	1	VV483 VV483 VV484	13212-ED060 13212-ED060 13213-ED060	5x9,23x42,2 5x9,23x42,2 5x9,23x42,2	G F G F G F6
Kubistar 1.6i 16V Eng. K4M – Renault 1598ccm 70kw(95PS)	03→ 79,5 4	IN EX	V1013 V1014	7701 471 378 7701 471 379	32,7x5,5x109,3 28x5,5x107,6	45	1	VV249 VV249.1 VV249.2 VV249 VV249.1 VV249.2	7700 109 151 7700 109 151	5,5x11,08x40,6 +0,05 +0,20 5,5x11,08x40,6 +0,05 +0,20	B A B A
Almera 1.8 16V Primera 1.8 16V Eng. QG18 DE 1769ccm 83kw(113PS)	00→ 99→ 80 4	IN EX	V1199 V1410	13201-2F000 13201-57Y00 13202-9F600	30x5,5x92,3 25x5,5x92,6	45	1	VV447 VV447.1 VV448 VV448.1	13212-53Y60 13213-53Y60	5,5x9,52x40 +0,20 5,5x9,52x40 +0,20	G P G P6

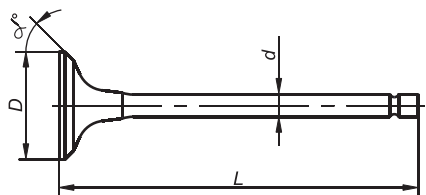
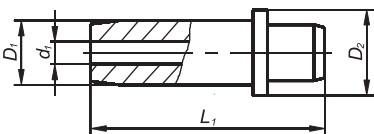
	CYL. Ø №	IN EX										
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1	2	3	4	5	6	7	8	9	10	11	12	
NISSAN												
Almera 1.8 16V Almera Tino 1.8 16V Primera 1.8 16V Eng. QG18DE 1769ccm 84kw(114PS)	04→ 00-04 98→	80 4	IN EX	V1787 V1788	13201-AU300 13202-AU300	30x5,5x94,3 25x5,5x94,7	45 45	1 1	VV447 VV447.1 VV448 VV448.1	13212-53Y60 13213-53Y60	5,5x9,52x40 +0,20 5,5x9,52x40 +0,20	G P G P6
Primastar 2.0i 16V Eng. F4R720 Eng. F4R722 1998ccm 88kw(120PS)	03→	82,7 4	IN EX	V1983 V982	13201-00QAE 13202-00QAE	33,4x5,5x110,1 28,9x5,5x108,9	45 45	1 1	VV249 VV249.1 VV249.2 VV249 VV249.1 VV249.2	7700 109 151 7700 109 151	5,5x11,08x40,6 +0,05 +0,20 5,5x11,08x40,6 +0,05 +0,20	B A B A
Sentra 2.0 16V X-Trail 2.0 16V Qashqai 2.0 16V Eng. MR20DE 1997ccm 103kw(140PS)	07→ 08→ 07→	84 4	IN EX	V1793 V1794	13201-EN20A 13202-EN200	33,9x5,5x106,3 27,7x5,5x105,2	45 45	1 1				
Almera Tino 2.0i 16V Primera, Sunny 2.0i Serena 2.0i 16V Eng. SR 20 DE / SR 20 Di 1998ccm 103/110kw(140/150PS)	96→ 93→ 92→	86 4	IN EX	V1209 V1210	13201-70J00 13201-89J00 13202-70J10	34x6x101,5 30x6x102,5	45 45	1 1	VV363 VV363.1 VV364 VV364.1	13212-53J60 13213-44F60	6x10,03x43 +0,20 6x10,03x43 +0,20	G P G P6
Almera 2.0i 16V Primera 2.0i 16V Sunny 2.0i 16V Eng. SR20DE 1998ccm 150kw(204PS)	96→ 90→ 90→	86 4	IN EX	V1209 V1640	13201-89J00 13202-89J00	34x6x101,5 30x6x102,4	45 45	1 1	VV363 VV363.1 VV364 VV364.1	13212-53J60 13213-44F60	6x10,03x43 +0,20 6x10,03x43 +0,20	G P G P6
Almera Tino 2.0 16V Primera 2.0 16V Eng. SR20DE P11 1998ccm 105kw(143PS)	01→	86 4	IN EX	V1463 V1464	13201-2F200 13202-2F210	34,1x6x98,4 30,1x6x99,3	45 45	1 1	VV363 VV363.1 VV364 VV364.1	13212-53J60 13213-44F60	6x10,03x43 +0,20 6x10,03x43 +0,20	G P G P6
Almera 2.0i 16V Primera 2.0i 16V X-Trail 2.0i 16V Eng. QR20DE 1998ccm 103kw(140PS)	01→ 01→	86 4	IN EX	V1463 V1464	13201-2F200 13202-2F210	34,1x6x98,4 30,1x6x99,3	45 45	1 1	VV429 VV429.1 VV430 VV430.1	13212-8P360 13213-6N260	6x10,04x41,8 +0,18 6x10,04x44 +0,18	G P G P6

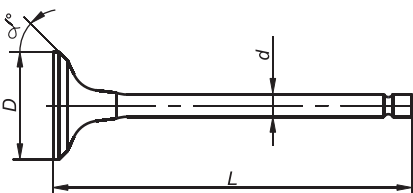
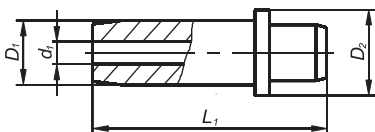
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
NISSAN											
Maxima QX 2.0 1995ccm	99→	V6	IN	V2345	13201-31V60	29,1x6x103,9	45 1				
			EX	V2346	13202-31V60	24,1x6x101,5	45 1				
X-Trail 2.0i 16V Eng. QR20DE 1998ccm	03→	86 4	IN	V1781	13201-BH300	35,6x6x97,2	45 1	VV429 VV429.1	13212-8P360	6x10,04x41,8 +0,18	G P
			EX	V1782	13202-6N200	30,7x6x98,8	45 1	VV430 VV430.1	13213-6N260	6x10,04x44 +0,18	G P6
X-Trail 2.5i 16V Eng. QR25DE 2488ccm	03→										
			IN	V2213		36,7x6x100,2	45 1				
			EX	V2214		30,3x6x94,7	45 1				
Cherry, Gazelle 2000 Homy, Laurel 2000 Leopard, Silva 2000 Skyline, Sunny 2000 Eng. Z20 1952ccm	79→	85 4	IN	V1569	13201-N8501	42x8x124,4	45 5				
			EX	V1570	13202-N8500	38x8x125,4	45 5				
720 2.2 Pick up Eng. Z22 2188ccm	81→	87 4	IN	V1569	13201-N8501	42x8x124,4	45 5				
			EX	V1570	13202-N8500	38x8x125,4	45 5				
Cabstar 2.4 Pick up 2.4 Terrano 2.4 4x4 Pathfinder 2.4 4x4 Urvan 2.4 4x4 Eng. Z24 2388ccm	86→ 88-92 86→ 86→ 86→	89 4									
Patrol 4x4 4.8 Eng. TB48E 4800ccm	02→	6	IN	V1789	13201-VC200	38,5x7x100,2	45 1				
			EX	V1790	13202-VC200	33,3x7x98,3	45 1				

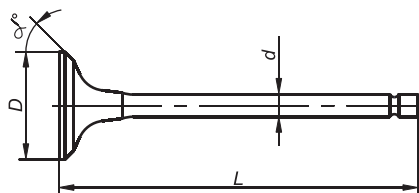
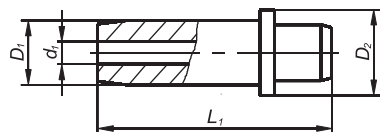
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
NISSAN DIESEL											
Micra 1.5D Eng. TUD5 OHC 1527ccm 42kw(57PS)	97→	77 4	IN	V1089 V1089N1	13201-6F900	37x7x108,5 +0,5S	45 1	VV209 VV209.1 VV209.2	13212-6F900	7x13,07x40,2 +0,05 +0,20	B F
			EX	V1090 V1090N1	13202-6F900	31,5x7x108,2 +0,5S	45 1	VV209 VV209.1 VV209.2	13212-6F900	7x13,07x40,2 +0,05 +0,20	B F
Qashqai +2 1,6 DCi Eng. R9M 1598ccm	11→	79,5 4	IN	V2103	13201-0370R	23,5x6x104,2	45 3	VV319 VV319.1 VV319N		6x11,07x40,5 +0,05 +0,20	B F
			EX	V2104	13202-4894R	23,4x6x104,1	45 3	VV319 VV319.1 VV319N		6x11,07x40,5 +0,05 +0,20	B F
Sunny Van 1.7D Langley, Liberta 1.7D Pulsar, Sunny 1.7D Sherry 1.7D Eng. CD17 1680ccm 40kw(55/61PS)	92→ 83→ 83→ 82→	80 4	IN	V913	13201-16A00	36x7x100,9	45 8	VV257 VV257N VV257.1	13212-DO110	7x11,04x45 +0,05 +0,20	G P
			EX	V914	13202-16A00	31x7x100,9	45 8	VV258 VV258N VV258.1	13213-V5515	7x11,04x48 +0,05 +0,20	G P6
Primera 1.9DCi Primastar V27-V29 1.9DCi 100 Interstar V28 1.9DCi Eng. F9Q 1870ccm 60/74kw(82/101PS)	03→ 05→ 01→	80 4	IN	V951	13201-AW300 13201-00QAM	35,4x7x111	45 1	VV182 VV182.1	7700 859 086	7x12,06x38,3 +0,05	B F
			EX	V952	13202-AW300 13202-00QAN	32,6x7x110,8	45 1	VV182 VV182.1	7700 859 086	7x12,06x38,3 +0,05	B F
Primastar 1.9DCi V27-V29 80 1870ccm Primastar 2.0 16V Eng. F4R 1998ccm 88kw(120PS)	04→ 02→	80 4	IN	V1983	13201-00QAE	33,4x5,5x110,1	45 1	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
			EX	V982	13202-00QAE	28,9x5,5x108,9	45 1	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
Primastar 2.0DCi Qaushqai 2.0DCi X-Trai 2.0DCi Eng. M9R, M1D 1995ccm 110/127kw(150/173PS)	07→	84 4	IN	V1797	13201-00Q0A	27,7x6x104	45 3	VV551		6x11,04x42,4	B F
			EX	V1798	13202-00Q0A	26x6x103,8	45 3	VV551		6x11,04x42,4	B F

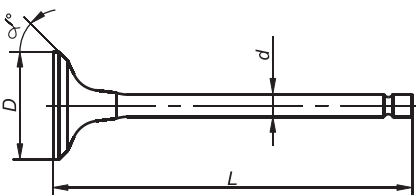
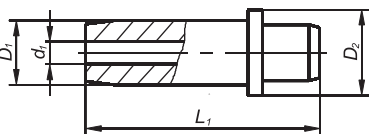
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
NISSAN DIESEL											
Almera 2.0D Primera 2.0DLX Sunny 2.0DL,DLX Eng. CD20 1974ccm	95-00 91-96 90-95 55kw(75PS)	84,5 4 IN IN EX EX	V1187 V853 V1188 V854	13201-57J02 13201-60J02 13202-57J02 13202-60J02	39x7x100,8 39x7x99,8 32x7x100,6 32x7x99,6	45 45 45 45	8 8 8 8	VV257 VV257N VV257.1 VV257 VV257N VV257.1 VV258 VV258N VV258.1 VV258 VV258N VV258.1	 13212-D0110 13212-D0110 13213-V5515 13213-V5515	7x11,04x45 +0,05 +0,20 7x11,04x45 +0,05 +0,20 7x11,04x48 +0,05 +0,20 7x11,04x48 +0,05 +0,20	G P G P G P6 G P6
Almera 2.0 TD Primera 2.0 TD Eng. CD20T Turbo 1974ccm	96→ 96→ 66kw(90PS)	84,5 4 IN EX	V853 V854	13201-60J02 13201-60J04 13202-60J02	39x7x99,8 32x7x99,6	45 45	8 8	VV257 VV257N VV257.1 VV257 VV257N VV257.1	 13212-D0110 13212-D0110	7x11,04x45 +0,05 +0,20 7x11,04x45 +0,05 +0,20	G P G P
Serena 2.3D Vanette 2.3D Trade 75D 2.3D Cabstar 75D-28 2.3D Eng. LD23 2283ccm	98→ 01→ 98-01 98-01 55kw(75PS)	84,5 4 IN EX	V1465 V1466	13201-9C600 13202-9C601	41,5x8x118 33,1x8x117,6	53 45	5 5	VV365 VV365.1 VV365 VV365.1	 13212-9C641 13212-9C641	8x12,04x59 +0,20 8x12,04x59 +0,20	G A6 G A6
Bluebird 2.0D Vanette 2.0D Trade 2.0D Eng. LD20II 1952ccm	86→ 86→ 87→ 49kw(67PS)	85 4 IN EX	V1589 V1590	13201-D9702 13202-D9702	39,3x8x118,2 32,1x8x118,1	45 45	5 5				
Patrol 2.8 TD 12V Eng. RD28T Turbo 2826ccm	88-89 85kw(115PS)	85 6 IN EX	V947 V948	13201-22301 13202-V7202	39x7x102,8 32x7x102,6	45 45	8 8	VV305 VV306		7x11,04x45 7x11,04x45	G P G P

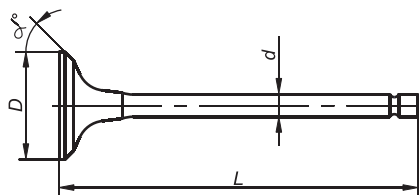
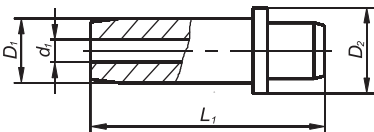
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1	2	3	4	5	6	7	8	9	10	11	12
NISSAN DIESEL											
Infinity Eng. VH 45 DE 4500ccm	90→	8	IN	V1921	13201-67U00	38x7x102	45	1			
	94→		EX	V1922	13202-67U00	33x8x102,4	45	1			
Patrol 2.8 TD 12V Cedric 2.8 TD 12V Eng. RD28T Turbo 2826ccm	89→	85 6	IN	V949	13201-22J11	39x7x101,8	45	8	VV305		7x11,04x45 G P
	92→		EX	V950	13202-40L01	32x7x101,6	45	8	VV306		7x11,04x45 G P
Patrol 2.8 TDi 12V Eng. RD28Ti Turbo 2826ccm	97→	85 6	IN	V1241	13201-0Y000	39,1x7x101,7	45	8	VV305		7x11,04x45 G P
			EX	V1242	13202-4P400	32,1x7x101,6	45	8	VV306		7x11,04x45 G P
Primera 2.2DCi 16V Almera Tino 2.2DCi 16V X-Trail 2.2DCi 16V Eng. YD22DDT/ETI 2184ccm	01→	85 4	IN	V1643	13201-AD210	28,2x6x106,7	45	1	VV495	13212-AD260	6x10,03x59,7 +0,05 +0,20 G P
	00→								VV495N		
	01→		EX	V1644	13202-AD200	26,2x6x106,4	45	1	VV496	13213-AD260	6x10,03x44,2 +0,05 +0,20 G P
									VV496N VV496.1		
Navara 2.5DCi 16V Pothfinder 2.5DCi 16V Eng. Y25DDTI 2488ccm	05→										
	05→										
Infinity 3.0D 24V 300 ZX 3.0D 24V Eng. VG30DE 2998ccm		87 V6	IN	V1253	13201-F6511	34,1x6x103,2	45	1			
			EX	V1254	13202-F6511	29,6x6x103,7	45	1			
Interstar 2.2DCi 16V Eng. G9TC7 2463ccm	00→	87 4	IN	V1279	13201-00QAD	30,7x6x123,1	45	3	VV301 VV301N2 VV301N VV301N1		6x11,04x50 +0,05 +0,15 +0,20 B F
Primestar 2.5DCi 16V V27.V29 - 135 Eng. G9TA7 2463ccm	04→	89 4	EX	V1280	13202-00QAD	29,5x6x123,1	45	3	VV301 VV301N2 VV301N VV301N1		6x11,04x50 +0,05 +0,15 +0,20 B F

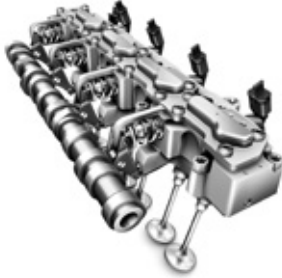
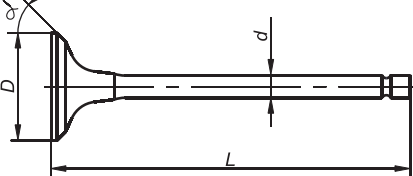
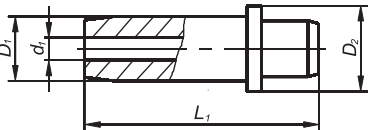
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1	2	3	4	5	6	7	8	9	10	11	12
NISSAN DIESEL											
Interstar 2.5DCi 16V Primestar 2.5DCi 16V V27, V33, V35 Eng. G9U.A7 2463ccm 73/84/99kw(99/114/135PS)	02→ 03→	89 4	IN 								

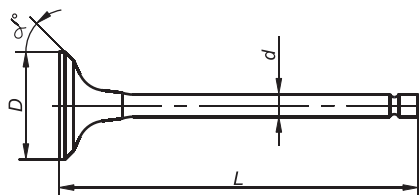
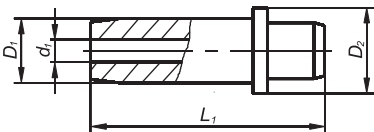
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1	2	3	4	5	6	7	8	9	10	11	12
NISSAN DIESEL											
Patrol 4.2D/TD Patrol Wagon 4.2D/TD Pathfinder 4.2D/TD Safari 4.2D/TD Eng. TD42/TD42T 4169ccm 92kW(125PS)	88→ 92→ 97→ 87→	96 6 IN EX EX	V1343 V1367 V1344 V1368	13201-43G01 13201-G2403 13202-31N01 13202-G2403	43,5x8x117 43,5x8x117 38x8x117 38x8x117	45 45 45 45	1 1 1 1	VV395 VV395N VV395 VV395N VV395 VV395N	13212-54T00 13212-54T00 13212-54T00 13212-54T00	8x12,04x47 +0,05 8x12,04x47 +0,05 8x12,04x47 +0,05 8x12,04x47 +0,05	G A36 G A36 G A36 G A36
Atleon 70/75-14 4.0TD Atleon 80-08 4.0TD Atleon 140-75 4.0TD Serie L: 50/60/70-09 75-14 Eng. B4.40TI Turbo 3989ccm 66/69/100kW	00→ 00→ 00→	100 4 EX	V1795 V1796	13201-9X700 13202-9X700	44,9x9,5x123,1 38,9x9,5x123,4	60 45	3 3	VV485 VV485N VV485 VV485N	 <		

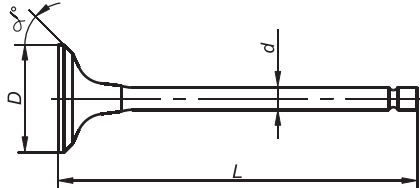
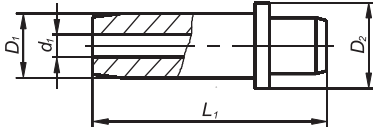
											
1	2	3	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
OPEL											
Corsa L/S/TR 1.0 993ccm Kadett C 1.0 Kadett D 1.0 Eng. 10S 993ccm	82→ 33kw(45PS) 73→ 79→ 30/37kw(40/50PS)	72 4	IN	V775 V775.1 V775.2 V775N	642 188	32x7x99,3 +0,075d +0,15d +0,20d	46 8	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1
Corsa A/B, Swing 1.2 Combo 1.2 Eng. 12NZ, C12NZ, X12SZ 1195ccm	90→ 93→ 33kw(45PS)	72 4	IN	V380	641 002 903 23 519	33x7x105	45 1	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1
Corsa 1.4S Kadett 1.4i Astra 1.4i Vectra 1.4i Combo 1.4i Eng. 14NV, C14NZ, X14NZ 1389ccm	89→ 89→ 91→ 88→ 93→ 44/55kw(60/75PS)	77,6 4	EX	V381	641 302 903 23 524	29x7x105	45 1	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1
Corsa 1.0 12V Eng. X10XE 973ccm	97→ 40kw(54PS)	72,5 3	IN	V883	641 045 641 051 9158477	28x5x93,8	45 3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
Corsa, Agila 1.0 12V Eng. Z10XE 973ccm	00→ 43kw(58PS)		EX	V884	641 364 641 354 9158474	25x5x93,8	45 3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
Corsa, Astra 1.2 16V Eng. X12XE 1199ccm	97→ 48kw(65PS)	72,5 4									
Corsa, Astra, Agila 1.2 16V Eng. Z12XE 1199ccm	01→ 55kw(75PS)										

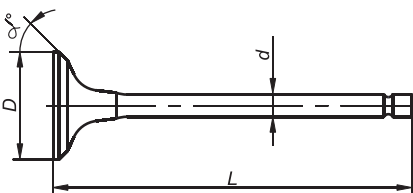
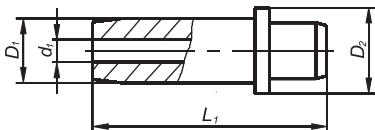
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
OPEL												
Astra, Corsa 1.4i 16V Meriva, Tigra 1.4i 16V Combo 1.4i 16V Eng. Z 14XEP/XEL 1364ccm 59/66kw(80/90PS)	03→ 04→ 04→	73,4 4	IN EX	V883 V884	641 045 641 051 9158477 641 364 641 354 9158474	28x5x93,8 25x5x93,8	45 45	3 3	VV223 VV223.1 VV223 VV223.1	91 58 589 91 58 589	5x10,04x39 +0,03 5x10,04x39 +0,03	G F G F
Agila 1.0 12V Eng. K10B 996ccm	07→	73 3	IN	V1923	4708925 9319374	27,5x5,5x87,5	45	1	VV498	4709231	5,5x10,6x34	G F
Agila 1.2 16V Eng. K12B 1242ccm		4	EX	V1924	4708933 93193762	22,9x5,5x87,1	45	1	VV498	4709231	5,5x10,6x34	G F
Agila 1.2 16V Eng. K12B WT 1242ccm	10→	73 4	IN	V2111	12911-69L00-000	27,5x5x87,5	45	1				
			EX	V2112	12915-69L00-000 12915-69LG0-000	22,9x5x87,1	45	1	VV596		5x10,56x36	G P
Astra 1.4 16V Adone 1.4 16V Eng. A14XER 1398ccm	11→ 12→	73,4 4	IN	V883	90529527	28x5x93,8	45	3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
			EX	V884	90529529	25x5x93,8	45	3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
Kadett C/Coupe/Caravan 1.1 1078ccm 33/41kw(45/55PS)	65→73	75 4	IN	V775 V775.1 V775.2 V775N	642 188	32x7x99,3 +0,075d +0,15d +0,20d	46	8	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1
Kadett Rally/GT 1.1 1078ccm 44kw(60PS)	68→											
Ascona L/Berlina 1.2 Corsa 1.2	73→ 82→	79 4	EX	V776 V776.1	642 814	27x7x101,1 +0,075d	46	8	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1
Kadett C/City/Caravan 1.2 Manta L/CC 1.2 Eng. 12N/S 1196ccm 39/44kw(53/60PS)	73→ 72→			V776.2 V776N		+0,15d +0,20d						

											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
OPEL											
Ascona B/C 1.3	79-88	75	IN	V357	642 763	33x7x105	45 1	VV119	90 108 699	7x11,03x45,5	G
Corsa A 1.3	82-94	4			904 09992			VV119N		+0,05	A1
Kadett D/E 1.3	79-91										
Manta B 1.3	79-86		EX	V358	642 890	29x7x105	45 1	VV119	90 108 699	7x11,03x45,5	G
Eng. 13N, 13S, 13NB, 13SB, C13N					904 09996			VV119N		+0,05	A1
1297ccm 44/50/55kw(60/68/75PS)											
Corsa A 1.2	82-93	79									
Kadett B/C/D/E 1.2	79-88	4									
Manta B 1.2	→81										
Eng. 12S, 12ST OHC/OHV											
1196ccm 37/44kw(50/60PS)											
Corsa, Astra 1.4	91→	77,6	IN	V999	641 015	38x7x104,6	46 1	VV119	90 108 699	7x11,03x45,5	G
Combo 1.4i	93→	4						VV119N		+0,05	A1
Kadett 1.4S	89→										
Eng. C 14SE			EX	V1000	641 317	31x7x104,6	46 1	VV119	90 108 699	7x11,03x45,5	G
1389ccm 60kw(82PS)								VV119N		+0,05	A1
Astra G/F 1.4i 16V	97-00	77,6	IN	V639	641 034	31x6x103,1	45 3	VV163		6x10,04x45	G
Corsa B, CDX 1.4i 16V	93→	4			90412912			VV163.1		+0,03	F
Combo 1.4i 16V	99→										
Tigra 1.4i 16V	94→		EX	V640	641 340	27,5x6x102,2	45 3	VV163		6x10,04x45	G
Eng. X 14XE-DOHC					90412974			VV163.1		+0,03	F
Corsa 1.4 16V	00→										
Astra 1.4 16V	00→							VV287		6x10,04x35	G
Meriva 1.4i 16V	03→							VV287.1		+0,03	F
Eng. Z 14XE-DOHC											
1389ccm 66kw(90PS)											
Corsa B, 1.6i GSi 16V	93→	79									
Tigra 1.6i 16V	91→	4									
Eng. C 16XE-DOHC											
1598ccm 78kw(106PS)											

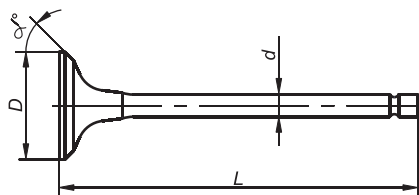
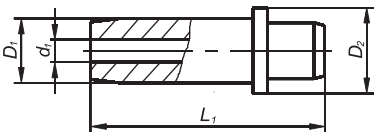
											
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
OPEL											
Corsa B 1.6i 16V Tigra 1.6i 16V Eng. X 16XE-DOHC	93→	79	IN	V639 641 034 90412912	31x6x103,1 27,5x6x102,2	45 45	3 3	VV163 VV163.1		6x10,04x45 +0,03	G F
	93→	4	EX								
Astra 1.6i 16V Vektra 1.6i 16V Zafira 1.6i 16V Eng. X 16XEL-DOHC 1598ccm 74/78kw(101/106PS)	94→		EX	V640 641 340 90412974				VV163 VV163.1		6x10,04x45 +0,03	G F
	96→ 99→										
Vectra B 1.6i 16V Zafira 1.6i 16V Eng. X 16XEL Astra 1.6i 16V Zafira 1.6i 16V Vectra 1.6i 16V Meriva 1.6i 16V Eng. Z 16XE, Z16XEP 1598ccm 74kw(101PS)	96→ 99→							VV287 VV287.1		6x10,04x35 +0,03	G F
	00→ 99→ 99→ 03→										
Kadet D/L Berlina 1.2 Eng. 12S 1196ccm 44kw(60PS)	79→	79	IN	V775 V775.1 V775.2 V775N	642 188 32x7x99,3 +0,075d +0,15d +0,20d	46 46	8 8	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1
		4	EX								
Corsa 1.2 Eng. 12N/12NC/E12GV 1196ccm 33kw(45PS)	82→	79	IN	V893 642 675 90265074	32x7x98,9 +0,075d +0,15d +0,20d	46 46	1 1	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1
		4	EX								
Kadett 1.2D Eng. 12N/12S-OHV Kadett 1.2E Eng. 12S/12SC-OHV 1196ccm 40kw(55PS)	80-84 85→		EX	V1038 642 924 90265039	29x7x99,4 +0,075d +0,15d +0,20d	46 46	1 1	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1

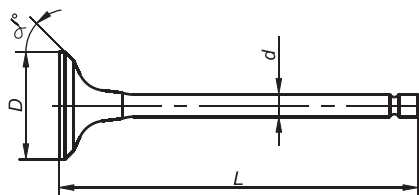
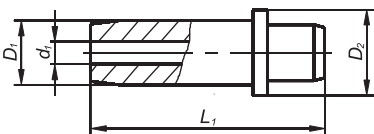
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
OPEL											
Combo 1.6 Meriva 1.6 Corsa A 1.6 KadettE 1.6 Ascona C 1.6 Vectra A 1.6 C/E Astra F 1.6 Calibra 1.6 Eng. 16SV/C16LZ/C16NZ E16NZ/E16SE 1598ccm 55/75kw(75/100PS)	01→ 03→ 87→ 85→ 86→ 88→ 91→ 92→	79 4	IN	V859	642 679 902 95011	38x7x101,1	46 1	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1
Astra 1.6 16V Turbo Meriva 1.6 16V Turbo Eng. Z 16LET Corsa 1.6 16V Turbo Insignia 1.6 16V Zafira 1.6 16V Astra 1.6 16V Mokka 1.6 16V Eng. Z 16 LER, A 16 XER 1598ccm	04→ 05→ 07→ 08→ 08→ 12→ 12→	79 4	IN	V1611	641 076	31,2x5x113,9	45 3	VV390 VV390N VV390.1	642 014 642 015	5x10,04x37 +0,05 +0,21	G F
Astra 1.6 16V Mokka 1.6 16V Eng. Z 16 LER, A 16 XER 1598ccm	08→ 08→ 12→ 12→		EX	V1612	641 391	27,5x5x113,2	45 3	VV390 VV390N VV390.1	642 014 642 015	5x10,04x37 +0,05 +0,21	G F
Astra G 1.6i 16V Meriva 1.6i 16V Vectra B/C 1.6i 16V Zafira 1.6i 16V Eng. Z 16XE, Z 16XEP 1598ccm 74/76kw(100/104PS)	00→ 03→ 00→ 99→	79 4	IN	V1429	642 078 642 011	31,2x5x117,2	45 3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
Astra G 1.6i 16V Meriva 1.6i 16V Vectra B/C 1.6i 16V Zafira 1.6i 16V Eng. Z 16XE, Z 16XEP 1598ccm 74/76kw(100/104PS)	00→ 03→ 00→ 99→		EX	V1430	641 401 641 379	27,5x5x116,2	45 3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
Insignia 1.6i 16V Eng. A 16XER, A 16LET Insignia 1.6i 16V Eng. Z 16XER, Z 16XEP GPL ENGINE 1598ccm	08→ 09→	79 4	IN	V1429	642 078 641 100	31,2x5x117,2	45 3	VV223 VV223.1 VV390 VV390.1	9158589 642 014 642 015	5x10,05x39 +0,03 5x10,04x37 +0,21	G F G F
Astra 1.6 16V Mokka 1.6 16V Eng. Z 16 LER, A 16 XER 1598ccm	08→ 08→ 12→ 12→		EX	V1430	641 379 642 029	27,5x5x116,2	45 3	VV223 VV223.1 VV390 VV390.1	9158589 642 014 642 015	5x10,05x39 +0,03 5x10,04x37 +0,21	G F G F

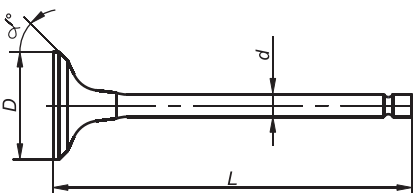
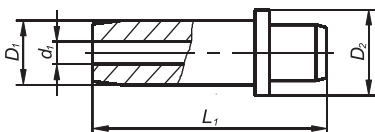
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
OPEL											
Zafira 1.6i 16V 09→ Eng. Z16 XNT – A16 XNT 1598ccm	79 4	IN	V2117	641460 55567302	31,2x5x100	45	3	VV390 VV390N VV390.1	642 014 642 015	5x10,04x37 +0,05 +0,21	G F
Astra 1.6 80→ Ascona L/Berlina SR 1.6 81→ Kadett L/Berlina SR 1.6 81→ Kadett 1.6 S Eng. 16S/N 1598ccm 55/60kw(75/82PS)	80 4	IN	V817	642 635 90536095	35x8x106,1	46	1	VV144		8x12,01x43	G A1
		EX	V818	642 789 90536164	32x8x106,1	46	1	VV144		8x12,01x43	G A1
Meriva 1.8 16V 02→ Astra 1.8 16V 00→ Astra Coupe/Cabrio 1.8 16V 00→ Corsa 1.8 16V 00→ Tigra 1.8 16V 04→ Vectra 1.8 16V 00→ Zafira 1.8 16V 00→ Eng. Z 18XE 1796ccm 92kw(125PS)	80,5 4	IN	V1003	641 048	31,2x5x101,4	45	3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
		EX	V1004	641 357	27,5x5x100,8	45	3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
Vectra 1.8i 16V 99→ Zafira 1.8i 16V 00→ Signum 18i 16V 03→ Eng. Z18XEL/X18XEL 1796ccm 85kw(115PS)	80,5 4	IN	V1003	641 048	31,2x5x101,4	45	3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
		EX	V1004	641 357	27,5x5x100,8	45	3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
Astra 1.8i 16V 05→ Signum 1.8i 16V 05→ Vectra 1.8i 16V 06→ Zafira B 1.6 16V 05→ Zafira B 1.8i 16V 05→ Insignia 1.8i 16V 08→ Eng. Z18XEP/XER 1796ccm	80,5 4	IN	V1611	641 076	31,2x5x113,9	45	3	VV390 VV390N VV390.1	642 014 642 015	5x10,04x37 +0,05 +0,21	G F
		EX	V1612	641 391	27,5x5x113,2	45	3	VV390 VV390N VV390.1	642 014 642 015	5x10,04x37 +0,05 +0,21	G F

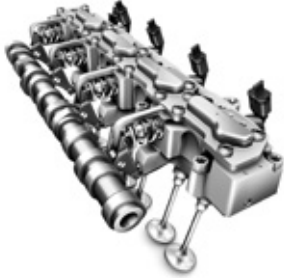
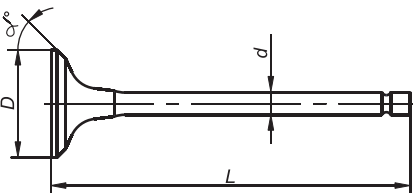
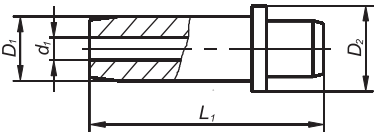
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
OPEL												
Vectra 1.8 16V	94→	81,6	IN	V511	641 022	32x6x102,1	45	3	VV163		6x10,04x45	G
Astra 1.8 16V	94→	4			90412277				VV163.1		+0,03	F
Eng. C 18XE, C 18 XEL-DOHC												
Corsa 1.8 16V	99→								VV287		6x10,04x35	G
VectraB 1.8 16V	96→								VV287.1		+0,03	F
Zafira 1.8 16V	99→											
Eng. X 18XE-DOHC												
1799ccm	85kw(115PS)		EX	V512	641 325	29x6x92,2	45	3	VV163		6x10,04x45	G
					641 331				VV163.1		+0,03	F
					90410813							
Calibra 2.5i 24V	93→	81,6							VV287		6x10,04x35	G
Vectra 2.5i 24V	95→	V-6							VV287.1		+0,03	F
Eng. C 25XE-DOHC												
2498ccm	100/125kw(136/170PS)											
Calibra 2.5i 24V	93→											
Omega 2.5i 24V	93→											
Vectra B 2.5i 24V	96→											
Eng. X 25XE-DOHC												
2498ccm	125kw(170PS)											
Omega 2.6 24V	00→											
Vectra 2.6 24V	00→											
Eng. Y 26SE												
2597ccm	125kw(170PS)											
Astra 2.0i 16V	92→	86										
Omega, Calibra 2.0i 16V	93→	4										
Vectra 2.0i 16V	93→											
Vectra B 2.0 16V	96→											
Astra Coupe 2.0 16V	01→											
Eng. X 20XE4												
1998ccm	100kw(136PS)											
Astra H,SW,GTC 2.0 Turbo 16V	98→											
Zafira A,B 2.0 Turbo 16V	99→											
Speeder 2.0 Turbo 16V	00→											
Eng. Z20 LEH/LEL/LEP/LET												
1998ccm	125/141/147/177kw											

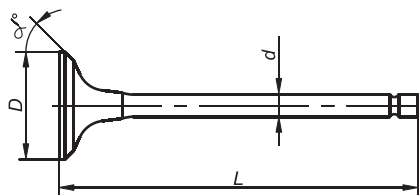
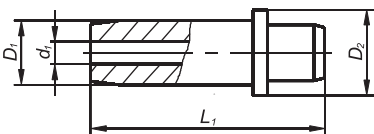
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
OPEL											
Frontera 2.2i 16V 95→ Sintra 2.2i 16V 96→ Eng. X 22XE 2198ccm 100/104kw(136/141PS)	86	IN	V511	641 022	32x6x102,1	45	3	VV163 VV163.1		6x10,04x45 +0,03	G F
	4							VV552	BRONZE VERSION	6x10,04x45	B F
								VV287 VV287.1		6x10,04x35 +0,03	G F
Frontera 2.2 16V 99→ Eng. X 22SE/Y 22SE 2198ccm 100kw(136PS)											
Omega, Sintra 3.0i 24V 93→ Sintra 3.0i 24V 93→ Eng. X 30XE 2961ccm 148/155kw(201/211PS)	86	EX	V512	641 325 641 331	29x6x92,2	45	3	VV163 VV163.1		6x10,04x45 +0,03	G F
	V-6							VV552	BRONZE VERSION	6x10,04x45	B F
								VV287 VV287.1		6x10,04x35 +0,03	G F
Vivaro 2.0 16V 01→ Eng. F4R.730 1998ccm 88/103kw(120/140PS)	82,7 4	IN	V1983	44 11 048 93 16 0645	33,4x5,5x110,1	45	1	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
		EX	V982	44 11 049 93 16 0646	28,9x5,5x108,9	45	1	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
Ascona, Rekord 1.8N 82→ Eng. 18N 1795ccm 55/66kw(75/90PS)	84,8 4	IN	V975	642 643 90106802	38x8x106,1	45	1	VV144		8x12,01x43	G A1
		EX	V976	642 805 90106807	34x8x106,1	45	1	VV144		8x12,01x43	G A1
Ascona, Rekord 1.8S 82→ Eng. 18S 1795ccm 70kw(95PS)											
Rekord 1.8i 82-86 Ascona 1.8iE 82→ Astra 1.8i 88→ Kadett GSi 1.8i 82→ Mantra 1.8i 82-86 Kadett 1.8iE 85→ Omega, Vectra 1.8i 88→ Monza 1.8i Eng. 18E/C18NE/C 18NT 1796ccm 85kw(115PS)	84,8 4	IN	V995	642 647 90136614	41x8x106,1	46	1	VV144		8x12,01x43	G A1
		EX	V996	642 793 90136621	35x8x106,1	46	1	VV144		8x12,01x43	G A1

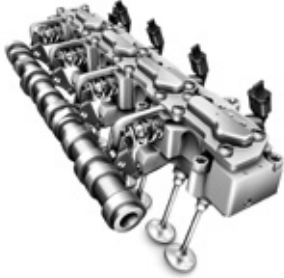
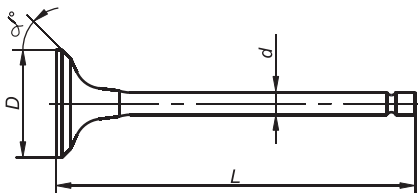
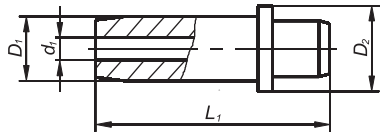
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
OPEL												
Ascona, Kadett 1.8	86→	84,8	IN	V641	642 667	41,8x7x103,8	45	1	VV119	90 108 699	7x11,03x45,5	G
Omega 1.8N/S	87→	4			902 20 119				VV119N		+0,05	A1
Eng. 18NV/S18NV/18SV												
Omega 1.8i	87→								VV555	BRONZE VERSION	7x11,03x45,5	B
Eng. 18SEH/E18NVR												A1
1796ccm	65/85kw(90/115PS)		EX	V642	642 829	36,5x7x103,6	45	1	VV119	90 108 699	7x11,03x45,5	G
Vectra 1.8	89→				641 306				VV119N		+0,05	A1
Eng. 18NVR					903 23 757							
Astra 1.8i	91→								VV555	BRONZE VERSION	7x11,03x45,5	B
Eng. C 18NE												A1
1798ccm	66kw(90PS)											
Kadett 1.8i	86→											
Ascona 1.8i	86→											
Manta S 1.8i	87→											
Eng. 18SE												
1796ccm	66kw(90PS)											
Ascona 2.0i	86→	86										
Kadett 2.0i GSi/Cabriolet	86→	4										
Omega 2.0i	87→											
Eng. 20SE/C20SE												
Astra, Frontera 2.0i	91→											
Calibra 2.0i	90→											
Eng. 20SEH/20NE/C20HE												
1998ccm	85kw(115PS)											
Vectra 2.0	88→											
Eng. 20NE/C20NE/20SEH												
1998ccm	85kw(115PS)											
Calibra 2.0i 16V	89→	86	IN	V835	642 758	33x7x105	45	3	VV207		7x13,04x41	G
Kadett GSi 2.0i 16V	88→	4			90322694				VV207N		+0,05	F1
Vectra 2.0i 16V	89→											
Astra 2.0i 16V	91→		EX	V836	642 858	29x7x105	45	3	VV207		7x13,04x41	G
Eng. 20XE/C20XE/ET DOHC					90322697				VV207N		+0,05	F1
1998ccm	110/115kw(150/156PS)											

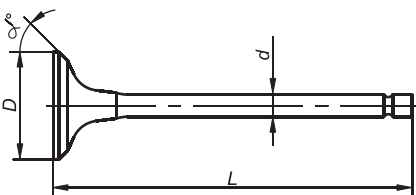
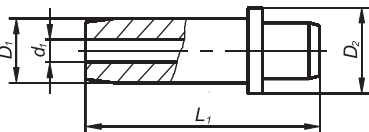
	CYL. Ø Nº	IN EX										
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1	2	3	4	5	6	7	8	9	10	11	12	
OPEL												
Vectra 2.0i 16V Turbo	92→	86	IN	V835	642 758	33x7x105	45	3	VV207		7x13,04x41	G
Astra 2.0i 16V Turbo	91→	4			90322694				VV207N		+0,05	F1
Calibra 2.0 4x4 16V Turbo	90→											
Eng. 20XE/C20XE/C20LE D.O.H.C.			EX	V836	642 858	29x7x105	45	3	VV207		7x13,04x41	G
1998ccm	110kw(150PS)				90322697				VV207N		+0,05	F1
Signum 2.0i Turbo 16V	03→	86	IN	V1069	641 063	35,1x6x102,3	45	3	VV461	9006082	6x10,04x36	G
Vectra 2.0i Turbo 16V	03→	4			641 056				VV461N		+0,05	A
Eng. Z20 NET												
1998ccm	129kw(175PS)		EX	V1070	641 376	30,1x6x100,9	45	3	VV461	9006082	6x10,04x36	G
					641 373				VV461N		+0,05	A
Astra G/H 2.2i 16V	02→											
Signum 2.2i 16V	03→											
Sintra 2.2i 16V	96-99											
Vectra C 2.2i 16V	01→											
Zafira 2.2i 16V	00→											
Eng. Z22 SE, Z22 YH												
2198ccm	108/110/114kw											
Insignia 2.0 16V Turbo	08→	86	IN	V2115	55565261	27,7x5x114,4	45	3	VV556	641463	5x10,02x46,8	G
Eng. A20NHT		4			641464					5520422		A
1998ccm												
			EX	V2116	641465	24,3x5x114,4	45	3	VV556	641463	5x10,02x46,8	G
					55565262					5520422		A
Monza 2.5i 12V	82-87	87	IN	V609	642 750	42x9x123	46	1	VV251		9x12,76x60,9	G
Senator 2.5i 12V	82-87	6		V609.1		+0,075d						A
2490ccm				V609.2		+0,15d						
				V609N		+0,5d						
Ascona 1.9 B/L/SR	75→	93										
Kadett E 1.9	75→	4	EX	V245	642 873	37x9x123,7	46	11	VV252		9x14,3/12,76x67	G
Manta B/E 1.9	75→			V245.1		+0,075d						B
Eng. 19E				V245.2		+0,15d						
1897ccm	66kw(90PS)			V245N		+0,5d						
Kadett 2.0 E/GT	77→	95										
Eng. 20E		4										
1979ccm	81/85kw(110/115PS)											

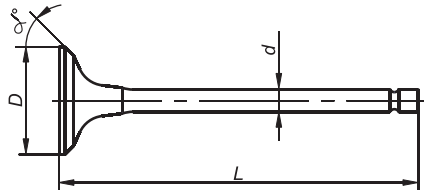
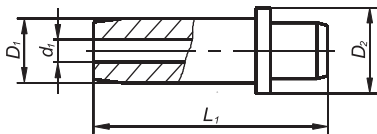
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
OPEL												
Manta 2.0 E/S 77→	95	IN	V609	642 750	42x9x123	46	1	VV251		9x12,76x60,9	G	
Rekord 2.0 E/LS/S 75→	4		V609.1		+0,075d						A	
Ascona 2.0 E/S 77→			V609.2		+0,15d							
Senator 2.2 E 77→			V609N		+0,5d							
Eng. 20S/E 1979ccm	74/85kw(100/115PS)	EX	V245	642 873	37x9x123,7	46	11	VV252		9x14,3/12,76x67	G	
			V245.1		+0,075d						B	
Omega 3.0 12V 78→	96		V245.2		+0,15d							
Monza 3.0 E/H 12V 78→	6		V245N		+0,5d							
Senator 3.0 E/H 12V 78→												
Eng. 30H/E 2969ccm	111kw(150PS)											
Astra 2.4i 16V 06→	87,5	IN	V511	641 022	32x6x102,1	45	3	VV163		6x10,04x45	G	
Eng. Z24XED 2405ccm	4			90412277				VV163.1		+0,03	F	
		EX	V512	641 325	29x6x92,2	45	3	VV163		6x10,04x45	G	
				641 331				VV163.1		+0,03	F	
				90410813								
Omega 2.6i 90→	88,8	IN	V1591	641 013	42x9x122,3	45	1	VV251		9x12,76x60,9	G	
Senator 2.6i 90→	6										A	
Eng. C26NE 2594ccm	110kw(150PS)	EX	V1592	641 313	36x9x123,2	45	1	VV252		9x14,3/12,76x67	G	
											B	
Frontera 3.2 24V 98→	93,4	IN	V1373		34x6x99	45	1					
Eng. 6VD1 MPi 3165ccm	V6											
	130/151kw(177/205PS)	EX	V1374		30x6x100,5	45	1					
Monza 3.0 E/H 12V 87→	95	IN	V609	642 750	42x9x123	46	1	VV251		9x12,76x60,9	G	
Senator 3.0 E/H 12V 87→	6										A	
Eng. 30NE												
Omega Senator 3.0i 12V 87→		EX	V678	642 912	37x9x123,7	45	1	VV252		9x14,3/12,76x67	G	
Eng. C30LE 2969ccm	110/130kw(150–177PS)										B	
Monza 2.2E 85→	95	IN	V881	642 754	45x9x122,5	46	1	VV251		9x12,76x60,9	G	
Rekord 2.2E 85→	4			642 663							A	
Senator 2.2E 85→												
Eng. 22E 2182ccm	85kw(115PS)	EX	V882	642 928	40x9x123,7	46	1	VV252		9x14,3/12,76x67	G	
				642 826							B	

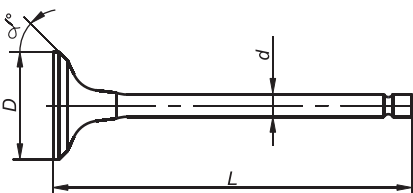
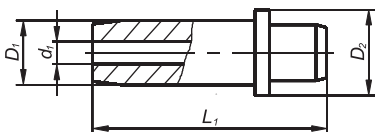
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
OPEL											
Omega CD 2.4i Frontera 2.4i Eng. C24NE 2410ccm	90→ 91→ 92kw(125PS)	95 4 EX	IN V881 V882	642 754 642 663 642 928 642 826	45x9x122,5 40x9x123,7	46 46	1 1	VV251 VV252	 9x14,3/12,76x67	9x12,76x60,9 9x14,3/12,76x67	G A G B
Omega 3.0i Senator 3.0i Eng. 30NE/C30NE 2969ccm	88→ 88→ 130kw(177PS)	95 6 EX	IN V1291 V1292	641 008 641 310	37,4x7x89,3 30,4x7x96,1	45 45	3 3	 	 	 	
Omega 3.0i 24V Senator 3.0i 24V Eng. C30SE 2969ccm	90→ 90→ 150kw(204PS)	95 6 EX	IN V1291 V1292	641 008 641 310	37,4x7x89,3 30,4x7x96,1	45 45	3 3	 	 	 	
Lotus Omega 3.6 24V Turbo Eng. C36GET Turbo 3638ccm	90→ 277/kw(377PS)	95,3 6 EX	IN V1291 V1292	641 008 641 310	37,4x7x89,3 30,4x7x96,1	45 45	3 3	 	 	 	
OPEL DIESEL											
Agila 1.3CDTi 16V Astra 1.3CDTi 16V Combo 1.3CDTi 16V Corsa 1.3CDTi 16V Meriva 1.3CDTi 16V Tigra 1.3CDTi 16V Eng. Z13 DT/DTJ, Y13 DT/DTJ 1248ccm	00→ 03→ 04→ 00→ 03→ 04→ 51/55kw(69/75PS)	69,6 4 EX	IN V1413 V1414	641 072 641 071	21,7x6x109,2 21,7x6x109,2	45 45	3 3	VV391 VV391.1 VV391.2 VV391 VV391.1 VV391.2	 642 065 642 066 642 065 642 066	 +0,03 +0,23 6x10,03x43,2 +0,03 +0,23	G F3 G F3 G F3
Astra 1.3 CDTi Meriva 1.3 CDTi Eng. A13DTE Euro 5 1248ccm	09→ 10→ 	69,6 4 EX	IN V1873 V1874	 	22,45x6x109,2 22,5x6x109,2	45 45	3 3	VV391 VV391.1 VV391.2 VV391 VV391.1 VV391.2	 	6x10,03x43,2 +0,03 +0,23 6x10,03x43,2 +0,03 +0,23	G F3 G F3

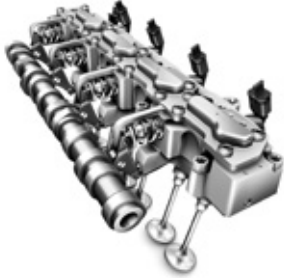
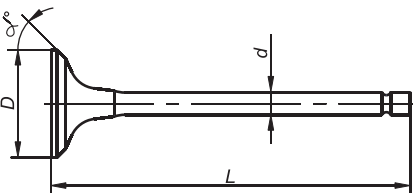
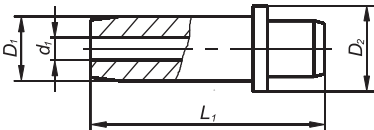
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
OPEL DIESEL											
Meriva 1.7 CDTi Corsa 1.7 CDTi Astra 1.7 CDTi Eng. A 17 DTR Eng. Z 17 DTR 1686ccm	06→ 06→ 07→	79 4	IN EX	V2041 V2042	641 085 641 086	27,4x6x102,6 25,45x6x102,4	45 45	1 1	VV231 VV231N VV231 VV231N	 6x11,05x42 +0,05	G F G F
Astra 1.6D Ascona 1.6D Kadett 1.6D Combo 1.6D Eng. 16D/16DA OHC 1598ccm	82→ 82→ 82→ 00→	80 4	IN	V695 V695N V695N1 V695N2 V695N3	642 651 90169309	36x8x123,2 +0,3S +0,2d +0,5S +1,0S	46	1	VV120 VV120.1 VV120N	8x12,01x50,1 +0,05 +0,20	G A1
Kadett 1.7D Vectra 1.7D Astra 1.7D Combo 1.7D Eng. 17D/17DR 1700ccm	89→ 89→ 91→ 94→	82,5 4	EX	V696 V696N V696N1 V696N2 V696N3	641 353 642 818 90499097	32x8x123,2 +0,3S +0,2d +0,5S +1,0S	46	1	VV120 VV120.1 VV120N	8x12,01x50,1 +0,05 +0,20	G A1
Astra, Vectra 1.7TD Eng. X17DTL Turbo 1699ccm	93→										

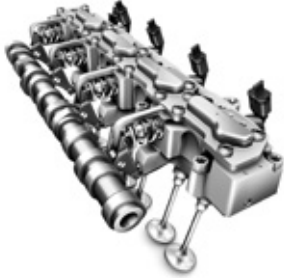
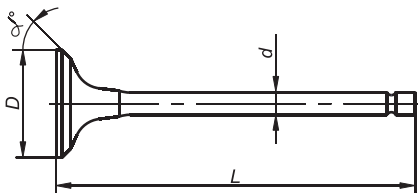
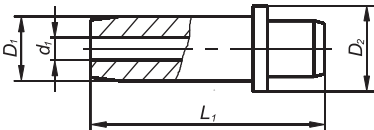
											
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
OPEL DIESEL											
Arena 1.9 D Eng. F8Q 600 Arena 1.9 D Eng. F8Q 606 1870ccm 44/48kw(60/65PS)	01→ 98→01	80 4	IN	V837		35,2x8x111,6	45	1	VV146 VV146.1 VV146.2	8x13,06x39 +0,05 +0,20	B F
			IN	V885		35x8x110	45	1	VV146 VV146.1 VV146.2	8x13,06x39 +0,05 +0,20	B F
			IN	V855 V855N3		36,1x8x111,7 +1,0S	60	1	VV146 VV146.1 VV146.2	8x13,06x39 +0,05 +0,20	B F
Vivaro 1.9 DTI Eng. F9Q 760 1870ccm 74kw(101PS)	01→ 01→		IN	V886		31,3x8x109,8	45	1	VV146 VV146.1 VV146.2	8x13,06x39 +0,05 +0,20	B F
			EX	V856 V856N3		31,6x8x111,3 +1,0S	45	1	VV146 VV146.1 VV146.2	8x13,06x39 +0,05 +0,20	B F
			EX	V856 V856N3		31,6x8x111,3 +1,0S	45	1	VV146 VV146.1 VV146.2	8x13,06x39 +0,05 +0,20	B F
Movano 1.9 DTI Eng. F9Q 770 1870ccm 58kw(79PS)	99→01 99→		IN	V951	4415921 7700 110 387	35,4x7x111	45	1	VV182 VV182.1	7x12,06x38,3 +0,05	B F
			EX	V952	4415922 7700 110 389	32,6x7x110,8	45	1	VV182 VV182.1	7x12,06x38,3 +0,05	B F
			EX	V952	4415922 7700 110 389	32,6x7x110,8	45	1	VV182 VV182.1	7x12,06x38,3 +0,05	B F

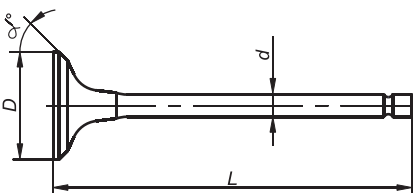
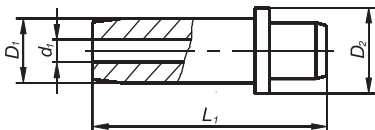
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1	2	3	4	5	6	7	8	9	10	11	12	
OPEL DIESEL												
Vivaro 1.9 Di 16V 2500-2700-2900 1870ccm	04→	80 4	IN	V1279	4506083	30,7x6x123,1	45	3	VV301 VV301N2 VV301N VV301N1		6x11,04x50 +0,05 +0,15 +0,20	B F
Movano 2.2 TDi 16V Eng. G97.C7 2187ccm	00→	87 4	EX	V1280	4506084	29,5x6x123,1	45	3	VV301 VV301N2 VV301N VV301N1		6x11,04x50 +0,05 +0,15 +0,20	B F
Movano 2.5 DTi 16V 2800-3300-3500	01→											
Vivaro 2.5 DTi 16V 2500-2700-2900 Eng. G9U.A7 2463ccm	03→											
Frontera 2.5TD Omega 2.5TD Eng. M 51D25/X25DT Turbo 2497ccm	96-98 93→	80 6	IN	V939	641 041 90511366	35,9x6x103,7	45	3	VV162 VV162.1 VV162.2	11121 244 464	6x12,56x39,5 +0,05 +0,10	B F
			EX	V940	641 346 90511374	30,9x6x103,5	45	3	VV162 VV162.1 VV162.2	11121 244 464	6x12,56x39,5 +0,05 +0,10	B F
Vectra C 1.9CDTi Zafira B 1.9CDTi Eng. Z19 DT 1910ccm	04→ 05→	82 4	IN	V1033		35,5x8x115	45	3	VV260 VV260.1 VV260.2 VV260.3 VV260.4		8x14,04x43 +0,05 +0,08 +0,18 +0,23	G F
			EX	V1034		34,5x8x115	45	3	VV260 VV260.1 VV260.2 VV260.3 VV260.4		8x14,04x43 +0,05 +0,08 +0,18 +0,23	G F

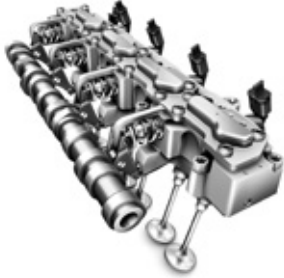
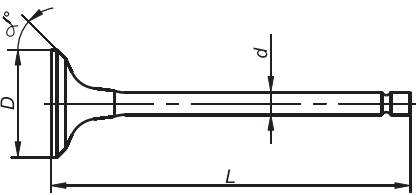
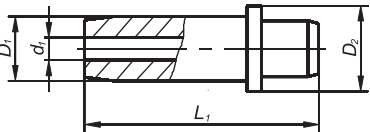
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
OPEL DIESEL											
Astra H 1.9CDTi 16V 04→ Signum 1.9CDTi 16V 04→ Vectra C 1.9CDTi 16V 04→ Zafira B 1.9CDTi 16V 05→ Eng. Z19 DTH 1910ccm 110kw(150PS)	82 4	IN	V1595* * Retainer s.e. 4,9 mm	55565261 641 404 641 464	27,9x5x114,4	45	3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A
Astra H 1.9CDTi 04→ Signum 1.9CDTi 05→ Vectra C 1.9CDTi 06→ Zafira B 1.9CDTi 05→ Eng. Z19 DTL 1910ccm 74kw(100PS)		IN	V1415	641 075 641 073 93178587 641 074 93185523	27,8x6x114,4	45	3	VV459 VV459.1 VV459.2	642 019	6x11,04x47 +0,03 +0,23	G F
Astra H 1.9CDTi 16V 04→ Eng. Z19 DTJ 1910ccm 88kw(120PS)		EX	V1596* * Retainer s.e. 5,9 mm	641 403 641 465 55565262	24,5x5x114,4	45	3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A
		EX	V1416	641 385 93178588 641 386	25,8x6x114,4	45	3	VV459 VV459.1 VV459.2	642 019	6x11,04x47 +0,03 +0,23	G F
Antara 2.0CDTi 16V 06→ Eng. Z20DM / Z20DMT Insignia 2.0CDTi 16V 08→ Eng. A20DTC / A20DTJ A20DTH / A20DTR 1991/1956ccm 93/110kw(127/150PS)	83 4	IN	V1625	4805321	28,6x6x95,7	45	3	VV163 VV163.1		6x10,04x45 +0,03	G F
		EX	V1626	4805322	24,4x6x95,7	45	3	VV163 VV163.1		6x10,04x45 +0,03	G F
Insignia 2.0 CDTi 16V 08→ Eng. A20 DTC 1956ccm 81kw(110PS)	83 4	IN	V1595* * Retainer s.e. 4,9 mm	55565261 641 404 641 464	27,9x5x114,4	45	3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A
Insignia 2.0 CDTi 16V 09→ Eng. A20 DTJ 1956ccm 96kw(131PS)		EX	V1596* * Retainer s.e. 5,9 mm	641 403 641 465 55565262	24,5x5x114,4	45	3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A
Astra J 2.0 CTi 16V 09→ Insignia 2.0 CDTi 16V 08→ Eng. A20 DTH 1956ccm 118kw(160PS)											

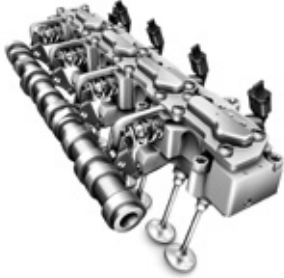
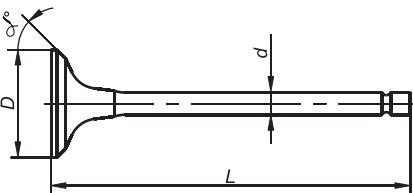
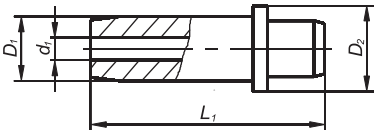
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
OPEL DIESEL												
Vivaro 2.0 DCi Eng. M9R 1995ccm	06→	84 4	IN	V1797	4431242	27,7x6x104	45	3	VV551		6x11,04x42,4	B F
			EX	V1798	4431241	26x6x103,8	45	3	VV551		6x11,04x42,4	B F
Vectra, Omega 2.0DTi 16V Sintra, Astra, Zafira 2.0DTi 16V Signum 2.0DTi 16V Eng. X20 DTH/DTL Turbo Eng. Y20 DTH/DTM Turbo 1995ccm 60/74kw(82/101PS)	97→ 97→ 00→	84 4	IN	V953	642 168 642 165 90502319	29x6x97,1	45	3	VV163 VV163.1		6x10,04x45 +0,03	G F
			EX	V954	642 211 642 208 90502326	26x6x97,1	45	3	VV163 VV163.1		6x10,04x45 +0,03	G F
Astra 2.2TDi 16V	02→											
Frontera 2.2TDi 16V	95→											
Omega 2.2TDi 16V	00→											
Signum 2.2TDi 16V	03→											
Sintra 2.2TDi 16V	97→											
Vectra 2.2TDi 16V	00→											
Zafira 2.2TDi 16V	02→											
Eng. Y22 DTH/DTR, X22 DTH 2171ccm 85/88kw(116/120PS)												
Movano 2.3 CDTi 16V Eng. M9T 2299ccm	11→	85 4	IN	V2119	4420439 93168105 13201-2274R	27,7x6x103,9	45	3	VV551		6x11,04x42,4	B F
			EX	V1798	7701476595 4431241 93161681	26x6x103,8	45	3	VV551		6x11,04x42,4	B F
Antara 2.2 CDTi Eng. A22DM-A22DMH 2231ccm	10→	86 4	IN	V2043	4802219	28,8x5x101,9	45	3				
			EX	V2044	4802220	26,4x5x101,9	45	3				

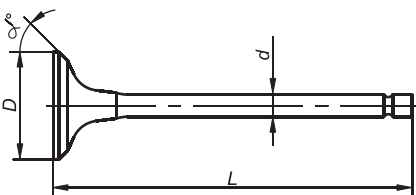
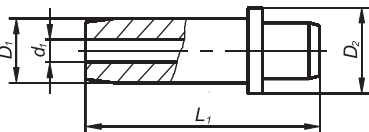
	CYL. Ø №	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
OPEL DIESEL											
Ascona, Manta 2.0D Rekord 2.0D Eng. 20D 1998ccm 43kw(58PS)	82→ 82→ 43kw(58PS)	86,5 4	IN	V643 V643.1 V643.2 V643N V643N1	642 759 90027622 +0,075d +0,15d +0,20d +0,40d	42x8x127,2	46 1				
Rekord 2.3D/Caravan Eng. 23D Omega 2.3D Eng. 23YD 2260ccm 54kw(73PS)	82→ 86→ 54kw(73PS)	92 4	EX	V644 V644.1 V644.2 V644N V644N1	642 882 642 868 90027627 +0,075d +0,15d +0,20d +0,40d	34,5x8x127,2	46 1				
Signum 3.0CDTi 24V Vectra 3.0CDTi 24V Eng. Y30DT 2958ccm 130kw(177PS)	03→ 02→ 130kw(177PS)	87,5 V6	IN	V1779	641 067	27,5x6x98,5	45 1	VV482	642 060	6x11,06x42	G P
			EX	V1780	641 384	26,5x6x98,1	45 1	VV482	642 060	6x11,06x42	G P
Vectra DTI V6 24V Signum DTI V6 24V Eng. Z30DT 2958ccm	05→ 2958ccm	87,5 V6	IN	V2121	641 084 97353102	30x6x98,4	45 1	VV482	642 060	6x11,06x42	G P
			EX	V2122	641 397 97353104	28x6x97,9	45 1	VV482	642 060	6x11,06x42	G P

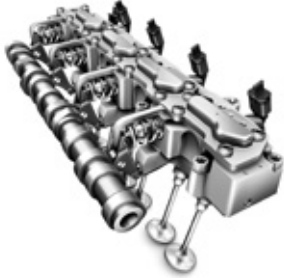
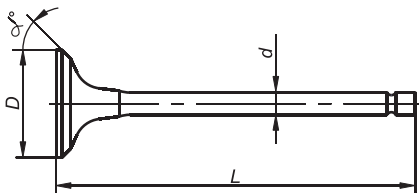
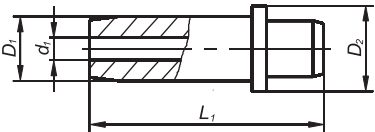
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
OPEL DIESEL											
Omega 2.3TD 86→ Eng. 23DTR/23YDT Turbo 2260ccm 66kw(90PS)	92 4	IN	V619	642 659 642 683	42x8x127,2	46	1				
			V619.1		+0,075d						
			V619.2		+0,15d						
			V619N		+0,20d						
			V619N1		+0,40d						
Monza 2.3TD 85→ Omega 2.3TD 91→ Frontera 2.3TD 91→ Eng. 23DTR/23YD/23YDT Turbo 2260ccm 54/74kw(73/100PS)	92 4	EX	V620	642 935	34,5x8x127,2	46	1				
			V620.1		+0,075d						
			V620.2		+0,15d						
			V620N		+0,20d						
			V620N1		+0,40d						
Rekord 2.3 TD 84→ Senator 2.3TD 84→ Eng. 23DT Turbo 2260ccm 63kw(86PS)											
Frontera SW 2.5TD 95→ Eng. VM 492 HR/HS Turbo 2498ccm 85kw(116PS)	92 4	IN	V1167	605 07 189	40,2x8x121	55	1	VV411		8x14,06x55	G
								VV411.1		+0,03	A
								VV411.2		+0,18	
								VV521		8x14,06x55	G
								VV521.1		+0,03	F
								VV521.2		+0,18	
		EX	V1168	605 04 864	34x8x121	45	1	VV411		8x14,06x55	G
								VV411.1		+0,03	A
								VV411.2		+0,18	
								VV521		8x14,06x55	G
								VV521.1		+0,03	F
								VV521.2		+0,18	
Frontera 2.8TD 93→ Eng. 28TDi Turbo 2772ccm 83kw(113PS)	93 4	IN	V1191	641 042	40,1x8x118,1	45	1				
		EX	V1192	641 352	35,7x8x118,1	45	1				

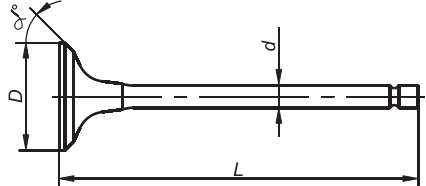
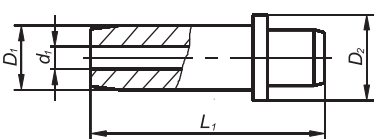
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
OPEL DIESEL												
Movano 2.8TDi Eng. S9W Euro 2 2798ccm 84kw(114PS)	98→ 4	94,4 4	IN	V326 V326N3	7 301 820	41x8x120,7 +1,0S	60	1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
			EX	V681 V681N3	99432837	35,9x8x122 +1,0S	45	1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
Movano 3.0CDTi 3300-3500 Eng. ZD30 DTi 2953ccm 113kw(154PS)	04→	96 4	IN	V1467	441 5247	32x7x113,4	45	1	VV466		7x11,04x45	G P6
			EX	V1468	441 5246	30x7x113,4	45	1	VV466		7x11,04x45	G P6
Frontera 3.2DTi 24V Eng. 6VD1 / Y32NE 3165ccm 151kw(205PS)	97→	97 V6	IN	V1649	641 049 97131961	34x6x103,8	45	1				
			EX	V1650	641 360 97131962	29x6x103,5	45	1				
Antara 3.2			IN	V2189		35x6x101,1	45	1				
			EX	V2190		30,5x6x97	45	1				
PERKINS												
ENG. 4.99 1622ccm 30kw(40PS)	58-73 30kw(40PS)	76,2 4	IN	V70	31431661 0910060	35,9x8x116,8	45	1	VV03 VV03N4 VV03.1 VV03N VV03N7 VV03N1 VV03N6	33261723	8x12,73x62 +0,02 +0,05 +0,1 +0,15 +0,20 -0,03d1	G A6
			EX	V71	31431861 0910061	30,3x8x117	45	1	VV03 VV03N4 VV03.1 VV03N VV03N7 VV03N1 VV03N6	33261723	8x12,73x62 +0,02 +0,05 +0,1 +0,15 +0,20 -0,03d1	G A6

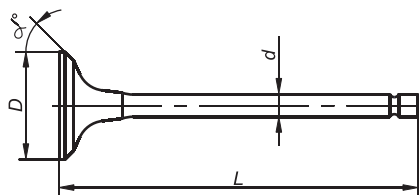
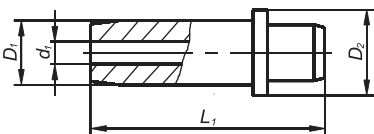
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PERKINS											
ENG. 3.27 S 900		IN	V1841	3142H007 3142H042	41,8x7x115,5	55	3	VV475 VV475N		7x12,06x45,5 +0,05	G A1
		EX	V1842	3142A091	38x7x115,5	45	3	VV475 VV475N		7x12,06x45,5 +0,05	G A1
Perkins Eng. UA Series 700	80 3	IN	V1111	3142 H011	44x7x106,5	45	3	VV232 VV232N		7x12,05x42 +0,05	G F
		EX	V1112	3142 A101	37,2x7x106,3	45	3	VV232 VV232N		7x12,05x42 +0,05	G F
ENG. 3.27 Series 700 Forklift ENG. 3.27 Series 900 Eng. CAT 3034	04→ 04→ 3	IN	V1733	1457503	42x7x106,4	45	3	VV475 VV475N		7x12,06x45,5 +0,05	G A1
		EX	V1734	1457499	34x7x106,3	45	3	VV475 VV475N		7x12,06x45,5 +0,05	G A1
ENG. Prima 65/4.20 Marine 1994ccm 46kw(63PS)	86-92 84,4 4	IN	V1489	BDU 1399	37,2x7,4x93,8	45	1	VV366	L343FF01	7,4x12,06x39	G A1
		EX	V1490	BDU 1400	33,6x7,4x93,8	45	1	VV366	L343FF01	7,4x12,06x39	G A1
ENG. Prima 80T/T4.20 Marine Turbo 1994ccm 60kw(82PS)	86-92										
ENG. P3, 3.144 2360ccm 26kw(35PS)	53-69 88,9 3	IN	V07 V07N V07N1	3143 1261	39x8x114,4 +0,3S +0,5S	45	1	VV03 VV03N4 VV03.1	33261723	8x12,73x62 +0,02 +0,05	G A6
			V07N2 V07N3 V07N4 V07N5		+1,2D +0,8S +1,0S +2,0S			VV03N VV03N7 VV03N1 VV03N6		+0,1 +0,15 +0,20 -0,03d ₁	
ENG. P4, 4.192 3147ccm 33kw(45PS)	45-66 88,9 4	IN	V08 V08N V08N1 V08N2 V08N3 V08N4 V08N5	3143 1951	33,4x8x114,4 +0,3S +0,5S +1,2D +0,8S +1,0S +2,0S	45	1	VV03 VV03N4 VV03.1 VV03N VV03N7 VV03N1 VV03N6	33261723	8x12,73x62 +0,02 +0,05 +0,1 +0,15 +0,20 -0,03d ₁	G A6
		EX									
ENG. P6, 6.288 4720ccm 61kw(83PS)	45-66 88,9 6	IN	V08 V08N V08N1 V08N2 V08N3 V08N4 V08N5	3143 1951	33,4x8x114,4 +0,3S +0,5S +1,2D +0,8S +1,0S +2,0S	45	1	VV03 VV03N4 VV03.1 VV03N VV03N7 VV03N1 VV03N6	33261723	8x12,73x62 +0,02 +0,05 +0,1 +0,15 +0,20 -0,03d ₁	G A6
		EX									
ENG. 3.152 2491ccm 33kw(44PS)	53-70 91,5 3	IN	V08 V08N V08N1 V08N2 V08N3 V08N4 V08N5	3143 1951	33,4x8x114,4 +0,3S +0,5S +1,2D +0,8S +1,0S +2,0S	45	1	VV03 VV03N4 VV03.1 VV03N VV03N7 VV03N1 VV03N6	33261723	8x12,73x62 +0,02 +0,05 +0,1 +0,15 +0,20 -0,03d ₁	G A6
		EX									
ENG. 4.203 3330ccm 44kw(60PS)	59→ 91,5 6	IN	V08 V08N V08N1 V08N2 V08N3 V08N4 V08N5	3143 1951	33,4x8x114,4 +0,3S +0,5S +1,2D +0,8S +1,0S +2,0S	45	1	VV03 VV03N4 VV03.1 VV03N VV03N7 VV03N1 VV03N6	33261723	8x12,73x62 +0,02 +0,05 +0,1 +0,15 +0,20 -0,03d ₁	G A6
		EX									
ENG. 6.305 5000ccm 66kw(90PS)	59-66 91,5 6	IN	V08 V08N V08N1 V08N2 V08N3 V08N4 V08N5	3143 1951	33,4x8x114,4 +0,3S +0,5S +1,2D +0,8S +1,0S +2,0S	45	1	VV03 VV03N4 VV03.1 VV03N VV03N7 VV03N1 VV03N6	33261723	8x12,73x62 +0,02 +0,05 +0,1 +0,15 +0,20 -0,03d ₁	G A6
		EX									

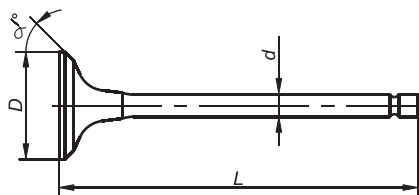
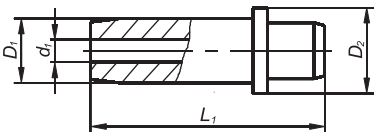
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
PERKINS											
ENG. 4.154 2523ccm 69→ 30kw(41PS)	88,9 4	IN	V877	3143 1491	40,5x8x114,6	45	1				
			V878	3142 A031	35,5x8x114,5	60	1				
ENG. 4.165 2710ccm 76→ 48kw(65PS)	92 4	EX									
ENG. D3.152 2491ccm 70→ 31kw(42PS)	91,5 3	IN	V675	3143 1281	39x8x114,3	45	1	VV03	33261723	8x12,73x62	G
			V675N1		+0,5S			VV03N4		+0,02	A6
ENG. D4.203 3330ccm 59→ 41kw(55PS)	91,5 4	EX	V675N2		+0,8S			VV03.1		+0,05	
			V675N3		+1,0S			VV03N		+0,1	
								VV03N7		+0,15	
								VV03N1		+0,20	
								VV03N6		-0,03d ₁	
			V676	3143 1591	33,4x8x114,3	45	1	VV03	33261723	8x12,73x62	G
			V676N1		+0,5S			VV03N4		+0,02	A6
			V676N2		+0,8S			VV03.1		+0,05	
			V676N3		+1,0S			VV03N		+0,1	
								VV03N7		+0,15	
								VV03N1		+0,20	
								VV03N6		-0,03d ₁	
ENG. D3.152 2491ccm 70→ 31kw(42PS)	91,5 3	IN	V263	3143 1681	39x8x114,3	55	1	VV03N6		8x12,73x62	G
			V263N		+0,3S			VV03N9		+0,05	A6
ENG. D4.203 3330ccm 59→ 41kw(55PS)	91,5 4	EX	V263N1		+0,5S						
			V263N2		+0,8S						
			V263N3		+1,0S						
			V264	3143 1761	33,4x8x114,3	55	1	VV03N6		8x12,73x62	G
			V264N		+0,3S			VV03N9		+0,05	A6
			V264N1		+0,5S						
			V264N2		+0,8S						
			V264N3		+1,0S						

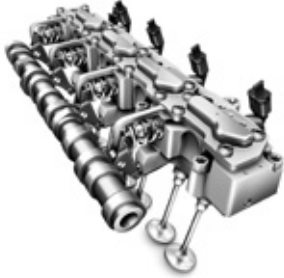
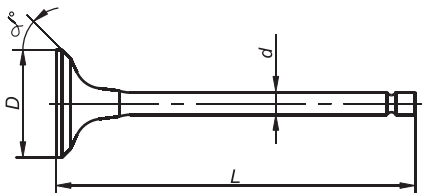
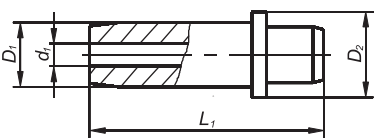
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PERKINS												
ENG. 4.212 3475ccm	69→ 47kw(64PS)	98,5 4	IN	V343 V343.1 V343.2	3143 1641	44,3x9,5x122,9 +0,075d +0,4d	45	1	VV01 VV01N VV01N2	33261732	9,5x15,9x58 +0,05 +0,40	G F
ENG. 4.236 Ebro 80 ENG. T4.236 Turbo 3867ccm	60→ 60→ 61kw(83PS)			V343N V343N1 V343N2 V343N3		+0,3S +0,5S +0,8S +1,2S						
ENG. 6.354/6.354.1/2 ENG. 6.236.2 5800ccm	60→ 60→ 96kw(130PS)	98,5 6		V343N5 V343N6 V343N7 V343N9		+0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d						
ENG. T6.354 Turbo ENG. T6.354.1 Turbo ENG. T6.354.2 Turbo 5800ccm	60→ 60→ 60→ 119kw(162PS)		EX	V344 V344.1 V344.2 V344N	3143 1109	36,6x9,5x123,3 +0,075d +0,4d +0,3S	45	1	VV02 VV02N VV02N2	33261752	9,5x15,9x61 +0,05 +0,40	G F6
ENG. 4.248/4.248.2 4065ccm	69→ 61kw(83PS)	101 4		V344N1 V344N2 V344N3		+0,5S +0,8S +1,2S						
ENG. 6.372 6097ccm	74→ 87kw(118PS)	101 6		V344N5 V344N6 V344N7 V344N9		+0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d						
			EX	V1422	3143 1701	36,6x9,5x127,1	45	1	VV02 VV02N VV02N2	33261752	9,5x15,9x61 +0,05 +0,40	G F6
ENG. T6.354.3 Turbo 5800ccm	60→ 119kw(162PS)	98,5 6	IN	V343 V343.1 V343.2	3143 1641	44,3x9,5x122,9 +0,075d +0,4d	45	1	VV01 VV01N VV01N2	33261732	9,5x15,9x58 +0,05 +0,40	G F
ENG. 6.354.4 5800ccm	69→ 96kw(130PS)			V343N V343N1 V343N2 V343N3		+0,3S +0,5S +0,8S +1,2S						
ENG. T6.354.4 Turbo 5800ccm	70→ 119kw(162PS)			V343N5 V343N6 V343N7 V343N9		+0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d						
ENG. 6.372.4 6097ccm	74→ 87kw(118PS)		EX	V1078 V1078N3	3142 A051	37,5x9,5x123,3 +1,0S	45	1	VV02 VV02N VV02N2	33261752	9,5x15,9x61 +0,05 +0,40	G F6

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PERKINS											
ENG. 4.40 Phaser 90 (1004-4) ENG. T4.40 Turbo 86→ Phaser 110T ENG. C4.40 Turbo 89→ Phaser 120TI 3990ccm 116kw(158PS)	100 4	IN	V1077 V1077N3	3142 L071	45x9,5x122,9 +1,0S	45	1	VV01 VV01N VV01N2	33261732	9,5x15,9x58 +0,05 +0,40	G F
			V1185 V1185N3	3142 L072	45x9,5x123 +1,0S	60	1	VV01 VV01N VV01N2	33261732	9,5x15,9x58 +0,05 +0,40	G F
		EX	V1078 V1078N3	3142 A051	37,5x9,5x123,3 +1,0S	45	1	VV02 VV02N VV02N2	33261752	9,5x15,9x61 +0,05 +0,40	G F6
Perkins Series 1000 05→ Eng. AQ, YG, YH 4000/6000 ccm	100 12	IN	V1267 V1267N3	3142 L081	43x9x123 +1,0S	60	1	VV303	3318E012	9x13,05x51,3	G A1
		EX	V1268 V1268N3	3142 D051	41x9x123 +1,0S	60	1	VV304	3318A705	9x14,05x51,3	G A16
ENG. 4.421 04→ Series 1004-42 3990 ccm 64/86kw(87/117PS)	100 4	IN	V1587	3142 H041	45x9x124,1	45	1	VV303	3318E012	9x13,05x51,3	G A1
		EX	V1588	3142 D061	42x9x124,1	45	1	VV304	3318A705	9x14,05x51,3	G A16
ENG. 4.401 01→ Series 1004-40TA CCA/CCT 4-401 Turbo 3990ccm 80kw(120PS) Series 1004-4T 3990ccm 59/70kw(80/95PS) Series 1004-6TA 00→ 1004-6TW 5984ccm 136/154kw(184/209PS)	100 4	IN	V1269 V1269N3	3142 D041	43x9x123 +1,0S	45	1	VV303	3318E012	9x13,05x51,3	G A1
		EX	V1270 V1270N3	3142 D031	41x9x123 +1,0S	45	1	VV304	3318A705	9x14,05x51,3	G A16
	100 6										
ENG. L4 53-58 4200ccm ENG. 4.270 53-73 4420ccm ENG. 4.318-4300 61-69 4920ccm ENG. 6.357-R6 MK II 59-66 5573ccm 35/46kw(48/63PS)	114,3 4	IN	V887	3143 1154 0910030	46,9x9,5x132,5	45	1				
		EX	V888	3143 1142 0910029	40,5x9,5x132,5	45	1				
	114,3 6										
		IN	V2019	3142 H101	46,4x9x129,1	45	3				
		EX	V2020	3142 A171	41,6x9x128,4	60	3				

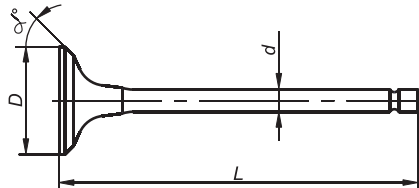
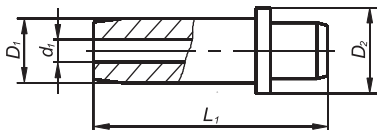
	CYL. Ø Nº	IN EX															
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE						
1	2	3	4	5	6	7	8	9	10	11	12						
PERKINS																	
Series 1106C Marine Turbo Eng. NV75380 6600 ccm	12→ 6	IN	V2249	3142 H091	35x6x108,2	60	3										
		EX	V2250	3142 A181	33x6x107,9	45	3										
PEUGEOT																	
106 XR 1.0 Eng. C1A, TU9 954ccm 32kw(44PS)	91→ 4	IN	V1093	0948.57	34,7x7x112,8	60	1	VV243	0220.59	7x13,07x47,5	G						
								VV243.1	0220.60	+0,05	F						
								VV243.2	9456 001 145	+0,20							
		EX	V1094	0949.58	27,7x7x112,6	45	1	VV581		7x13,07x47,5	B						
								VV581.1	+0,05	F							
								VV581.2	+0,20								
205 GL/XE/Junior 1.0 Eng. C1A, TU9A 954ccm 33kw(45PS)	86→	EX	V1094	0949.58	27,7x7x112,6	45	1	VV243	0220.59	7x13,07x47,5	G						
								VV243.1	0220.60	+0,05	F						
								VV243.2	9456 001 145	+0,20							
		EX	V1094	0949.58	27,7x7x112,6	45	1	VV581		7x13,07x47,5	B						
								VV581.1	+0,05	F							
								VV581.2	+0,20								
107 1.0 12V VVT Eng. 1KR-FE Toyota 998ccm 50kw(68PS)	06→ 3	IN	V1721	0948.E2	27,4x5x88,4	45	1	VV435	0221.28	5x9,75x34,4	G P						
		EX	V1722	0949.C8	23,6x5x89,2	45	1	VV435	0221.28	5x9,75x34,4	G P						
104 GL6/GR/SL 1.1 104 ZA/ZR/ZS/ZS2 1.1 Eng. XW3/XW5/XW3S 1124ccm 42/49kw(57/66PS)	72→ 72→	IN	V969	0948.38	36,8x8x113,4	60	1										
												EX	V970	0949.33 0949.42	29,3x8x113,6	45	1
		104 GLS 1.1 205 GL/GR 1.1 Samba 1.1 Eng. XW7 1124ccm 37kw(50PS)	83→ 83→ 81→														
104 SR 1.2 Samba Rallie 1.2 Eng. XZ5 1219ccm 41/66kw(57/90PS)	79→ 82→	75															
		4															

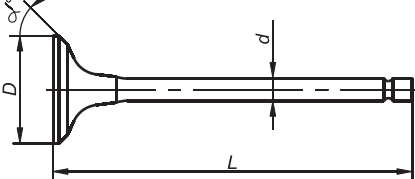
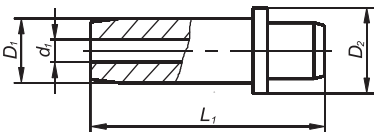
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT												
104 S/ZS 1.4 104 ZS2 1.4 Eng. XY6B/XYR 1361ccm 52/69kw(72/93PS)	80→ 82→	75 4	IN EX	V969 V970	0948.38 0949.33 0949.42	36,8x8x113,4 29,3x8x113,6	60 45	1 1				
205 GR/SR 1.4 Eng. XY7 1360ccm 44kw(60PS)	83→											
205 GT 1.4 Samba GLS 1.4 Eng. XY8 1361ccm 53/59kw(72/80PS)	80→ 82→											
106 1.1/1.1i 205 1.1/1.1i 306 1.1/1.1i 309 1.1/1.1i Partner 1.1/1.1i Eng. TU /KM/M/MZ 1124ccm 34/40/44kw(46/54/60PS)	91→ 87-98 89-97 89-93 93-97	72 4	IN EX	V694 V632	0948.58 0949.59	36,7x7x112,8 29,3x7x112,6	60 45	1 1	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	G F B F B F

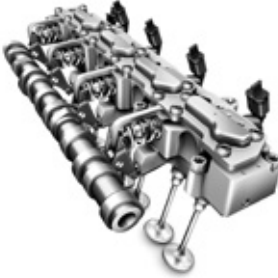
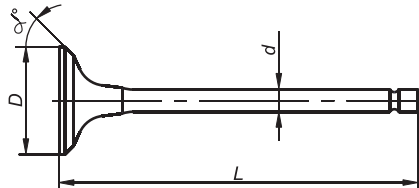
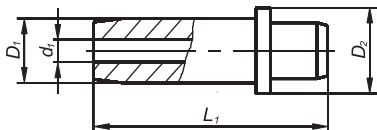
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT												
106 1.1i 205 1.1i Partner 1.1i Eng. TU1JP 1124ccm 44kw(60PS)	00→ 98→ 96→	72 4	IN	V694	0948.58	36,7x7x112,8	60	1	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	G F B F
106 1.4/1.4i 205 1.4/1.4i 306 1.4/1.4i 309 1.4/1.4i 405 1.4/1.4i Partner 1.4i Eng. TU3/A/S/FM/2K Eng. TU3FM/MC, TU3.2 1341ccm 44-62kw(60-84PS)	91→ 87→ 93→ 88→ 89→ 96-02	75 4	EX	V632	0949.59	29,3x7x112,6	45	1	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	G F B F
106 1.4i 205 1.4i 206 1.4i 306 1.4i 307 1.4i 1007 1.4i Partner 1.4i Ranch 1.4i Eng. TU 3JP 1341ccm 53/55kw(72/75PS)	96→ 88-98 98→ 96-03 00→ 05→ 96→ 97→	75 4	IN	V633	0948.91	36,7x7x112,8	45	1	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20	G F
106, 206 1.1i Partner 1.1i Eng. TU1JP 1124ccm 44kW(60PS)	98→ 00→	72 4	IN	V633	0948.91	36,7x7x112,8	45	1	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20	G F
1007 1.4i 106, 206 1.4i 306, 307 1.4i Partner 1.4i Eng. TU3JP 1361ccm 44kW(60PS)	06→ 01→ 01→ 01→	75 4	EX	V632	0949.59	29,3x7x112,6	45	1	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20	G F B F

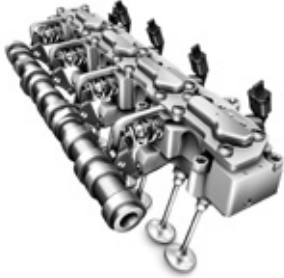
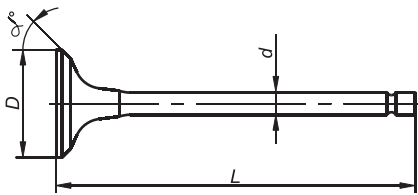
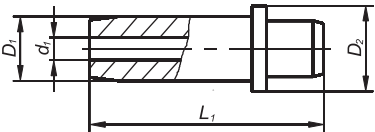
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT											
205 Rallye Eng. TU24 1294ccm 74kW(101PS)	91→	75 4	IN	V2171	0948.64	39,3x8x111,8	45 3	VV242	0220.72	8x13,07x45	B
			EX	V2172	0949.65	31,2x8x111,6	45 3	VV242.1 VV242.2 VV242 VV242.1 VV242.2	0221.17 0220.72 0221.17	+0,05 +0,20 8x13,07x45 +0,05 +0,20	F F B F
1007 1.4i 16V 207 1.4i 16V 307 1.4 16V Eng. ET3J4-KFU 1361ccm 65kW(88PS)	06→ 05→ 02→	75 4	IN	V1251	0948.C8	28,3x5,5x100,8	45 3	VV384 VV384N		5,5x10,58x38 +0,03	B A
			EX	V1252	0949.C4	24,3x5,5x101,1	45 3	VV384 VV384N		5,5x10,58x38 +0,03	B A
205 1.1 309 GL/GR 1.1 Eng. E1A/B 1118ccm 41kW(56PS)	85→ 85→	74 4	IN	V1573	0948.51	34x8x107	45 1				
			EX	V1572	0949.53	29x8x107,7	45 1				
208 1.2 12V VTi Eng. HMZ 1199ccm	12→	75 3	IN	V2123	9676359080	29,1x5x92,6	45 1				
			EX	V2124	9676359180	26x5x91,9	45 1				
106/106 Rallie 1.3 Eng. TU2F-J2K 1294ccm 70kW(95PS)	93→	75 4	IN	V1163	0948.73	39,5x7x111,7	60 3	VV283 VV283.1 VV283.2	0220.84 0220.83	7x13,07x48,5 +0,05 +0,20	B F
			EX	V1164	0949.70	31,3x7x111,5	45 3	VV283 VV283.1 VV283.2	0220.84 0220.83	7x13,07x48,5 +0,05 +0,20	B F
106 Xis 1.4i Eng. TU3F 1361ccm 72kW(99PS)	91→	78,5 4									
106 XSi 1.6 306 XT 1.6 306 Cabriolet 1.6 Eng. TU5JP, NFZ 1587ccm 65kW(88PS)	94→ 93→ 93→	78,5 4									
106XSi 1.6 Eng. TU5J2 1587ccm 74kW(101PS)	94→										
205 Rallye Eng. TU 24 1294ccm 74kW(101PS)	91→	75 4	IN	V2171	95638476	39,3x8x111,8	45 3	VV242 VV242.1 VV242.2	0220.72	8x13,07x45 +0,05 +0,20	B F
			EX	V2172	95638477	31,2x8x111,6	45 3	VV242 VV242.1 VV242.2	0220.72	8x13,07x45 +0,05 +0,20	B F

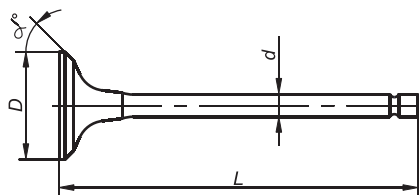
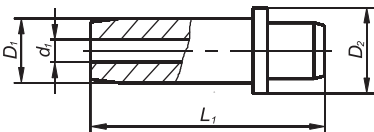
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT											
207 1.4i 16V Eng. EP3 1397ccm 70kW(95PS)	76 4	IN	V1701	0949.F9	30x5x97	45	3	VV519 VV519N		5x9,03x41 +0,05	B A
		EX	V1702	0949.F6	25,1x5x110,8	45	3	VV520 VV520N		5x9,03x44,5 +0,05	B A
205 1.3 309 GL/GR/SR 1.3 Eng. G1A/B, G25 1294ccm 47kW(64PS)	85→ 85→ 76,7 4	IN	V1571	0948.52	36x8x107	45	1				
		EX	V1572	0949.53	29x8x107,7	45	1				
306 GT 1.6 Eng. G1/G2 1592ccm 47kW(64PS)	83 4										
207 1.4i 16V 308 1.4i 16V Eng. 8 FP EP3 1397ccm	07→ 07→ 77 4	IN	V1701	0948.F9	30x5x97	45	3	VV519 VV519N		5x9,03x41 +0,05	B A
		EX	V1702	0949.F6	25,1x5x110,8	45	3	VV520 VV520N		5x9,03x44,5 +0,05	B A
207 1.6i 16V 308 1.6i 16V 3008 1.6i 16V 508 1.6i 16V Eng. 5FW EP6 Eng. 5FS EP6C 1598ccm	07→ 07→ 07→ 10→ 77 4	IN	V1701	0948.F9	30x5x97	45	3	VV519 VV519N		5x9,03x41 +0,05	B A
		EX	V1702	0949.F6	25,1x5x110,8	45	3	VV520 VV520N		5x9,03x44,5 +0,05	B A
RCZ 1.6 16V Eng. EP6CDTX Eng. EP6CDT 1598ccm 147/150kW(200/204PS)	10→ 77 4	IN	V2031	0948.G4	29,7x5x95,1	45	3	VV519 VV519N		5x9,03x41 +0,05	B A
		EX	V1674	0949.E2	26x5x110,1	45	3	VV520 VV520N		5x9,03x44,5 +0,05	B A
207 1.6i 16V 207 CC 1.6 16V 308 1.6i 16V Eng. EPG 1598ccm 88kW(120PS)	07→08 07→ 07→ 77 4	IN	V1673	0948.E8	28,8x5x105,7	45	3	VV519 VV519N		5x9,03x41 +0,05	B A
		EX	V1674	0949.E2	26x5x110,1	45	3	VV520 VV520N		5x9,03x44,5 +0,05	B A

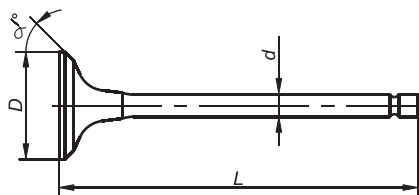
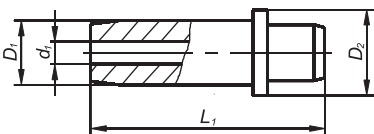
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT												
106i 1.6i Eng. TU5JP, NFZ, NFY	98→	78,5 4	IN	V631	0948.93	39,4x7x111,5	45	3	VV283 VV283.1 VV283.2	0220.84 0220.83	7x13,07x48,5 +0,05 +0,20	B F
206 1.6i 306 1.6i XR/XT Eng. TU5JP, NFZ, NFT 1587ccm 65kW(88PS)	98→ 99→		EX	V1164	0949.70	31,3x7x111,5	45	3	VV283 VV283.1 VV283.2	0220.84 0220.83	7x13,07x48,5 +0,05 +0,20	B F
106 GTi, Rally 1.6 16V Eng. TU5J4, NFX 1587ccm 72/87kW(98/118PS)	96→	78,5 4	IN	V1341	0948.83	28,8x6x104,4	45	1	VV201 VV201.1	0220.95	6x11,08x40 +0,05	B F
			EX	V1162	0949.89 0949.A8	24,5x6x104,4	45	1	VV201 VV201.1	0220.95	6x11,08x40 +0,05	B F
1007 1.6i 16V 307 1.6i 16V Ranch 1.6i 16V 106 GTi 1.6i 16V 206 1.6i 16V 207 1.6i 16V Partner 1.6i 16V Eng. TU5JP4, NFU-DOHC 1587ccm 80kW(109PS)	05→ 01→ 00→ 97→ 00→ 05→ 01→	78,5 4	IN	V1161	0948.A9 0948.E0	31,2x6x103,8	45	1	VV201 VV201.1	0220.95	6x11,08x40 +0,05	B F
			EX	V1162	0949.A8 0949.C5	24,5x6x104,4	45	1	VV201 VV201.1	0220.95	6x11,08x40 +0,05	B F
207 1.6 16V 308 1.6 16V 3008 1.6 16V 5008 1.6 16V Eng. EP6DTS 1598ccm	07→ 07→ 09→ 09→	78,5 4	IN	V1673	0948.E8	28,8x5x105,7	45	3	VV519 VV519N		5x9,03x41 +0,05	B A
			EX	V1674	0949.E2	26x5x110,1	45	3	VV520 VV520N		5x9,03x44,5 +0,05	B A
607 1.8i 16V 406 18i 16V 407 1.8i 16V Eng. EW7J4, 6FZ 1749ccm 87kW(118PS)	00→ 01→ 04→	82,7 4	IN	V1453	0948.A4	29,8x6x106	45	1	VV339 VV339N	02130.12	6x12,07x40 +0,05	B F
			EX	V1454	0949.A4	27,2x6x104	45	1	VV340 VV340N	02130.13	6x12,07x40 +0,05	G F

	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART N°	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12		
PEUGEOT													
205 GTi, 305GT 1.6i 309 GT 1.6i Eng. XU5J, 180A 1580ccm 77kw(105PS)	84→ 86→	83 4	IN	V967	0948.47	40x8x108,8	45	1	VV241 VV241.1 VV241.2	0220.64 0220.63	8x13,07x38,7 +0,05 +0,20	B F3	
305 GT/GR/SR 1.6 Eng. XU5S – 171 309.GR/SR 1.6 405 1.6 GL/GR/SR/GS 1.6 Eng. XU5–1C, B1D/E 1580ccm 58/68kw(80/94PS)	84→ 87→		EX EX	V968 V1116	0949.52 0949.48	33x8x108,1 32x8x108,7	45 45	1 1	VV242 VV242.1 VV242.2	0220.72 0221.17	8x13,07x45 +0,05 +0,20	B F	
205 1.6i Eng. XU5M, BDZ 205 GTi/CTi 1.6i 405 1.6i 406 1.6i Expert 1.6i Eng. XU5–JA/JP, BFZ 1580ccm 65/85kw(88/115PS)	92→ 86→ 89→ 96→ 96→	83 4	IN	V723	0948.56 0948.87	41,6x8x108,8	45	1	VV241 VV241.1 VV241.2	0220.64 0220.63	8x13,07x38,7 +0,05 +0,20	B F3	
309 GTi 1.6i 405 GE/GL/GR/SR 1.6i Eng. XU5–2C, B2A 1580ccm 76kw(103PS) 205 GTi 1.9i 309 GTi 1.9i 405 GL/GR 1.9i 305 GT 1.9i Eng. XU9–2C/JA, D2A/C, D6B 1905ccm 75/96kw(105/130PS) 405 GE/GL/GR/SR 1.8i 306 XT/Cabriolet 1.8i 406, 806 1.8i Expert 1.8i Ranch 1.8i Partner 1.8 Eng. XU7JP/JB, LFZ/LFX 1762ccm 74kw(100PS)	88→ 87→ 86→ 86→ 87→	83 4	IN EX	V723 V724	0948.56 0948.87 0949.57	41,6x8x108,8 34,5x8x108,4	45 45	1 1	VV241 VV241.1 VV241.2 VV242 VV242.1 VV242.2	0220.64 0220.63 0220.72 0221.17	8x13,07x38,7 +0,05 +0,20 8x13,07x45 +0,05 +0,20	B F3 B F	

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT												
405 GE/GL/GR/S R 1.9 Eng. XU9-2/XU5JP 1905ccm 81kw(110PS)	87→	83 4	IN	V723	0948.56 0948.87	41,6x8x108,8	45	1	VV241 VV241.1 VV241.2	0220.64 0220.63	8x13,07x38,7 +0,05 +0,20	B F3
Boxer 2.0i Eng. XU10J2U, RFW 1998ccm 89kW (121PS)	04→	86 4	EX	V724	0949.57	34,5x8x108,4	45	1	VV242 VV242.1 VV242.2	0220.72 0221.17	8x13,07x45 +0,05 +0,20	B F
406 1.8i Partner 1.8i Eng. XU7JB 1762ccm 66kW(90PS)	95→	83 4	IN	V1575	0948.62 0948.71	41,6x8x105,2	45	1	VV241 VV241.1 VV241.2	0220.64 0220.63	8x13,07x38,7 +0,05 +0,20	B F3
405 GR/SR 1.9i Eng. XU9J2 1905ccm 89/92kw(121/125PS)	87-97		EX	V1576	0949.63 0949.78	34,5x8x104,8	45	1	VV242 VV242.1 VV242.2	0220.72 0221.17	8x13,07x45 +0,05 +0,20	B F
406 1.8i 16V Eng. XU7JP4: LFY DEPOL CEE 95 1761ccm 81kw(110PS)	95→	83 4	IN	V933	0948.82	34,1x6x106,4	45	1	VV317 VV317.1	0221.25	6x12,06x40,8 +0,05	B F
			EX	V1184	0949.A6 0949.92	29,6x6x105,7	45	1	VV318 VV318.1	0221.24	6x12,06x40,8 +0,05	G F
205, 305 1.9 305, GTi 1.9 309 GTi 1.9 405 GLI/GR/SR 1.9 Eng. XU9-J1, DFZ 305 GTX 1.9 Eng. XU9-S, D2B 1905ccm 75/77kw(100/105PS)	85→ 85→ 85→ 87→ 84→	83 4	IN	V935	0948.54	39,5x8x105,2	45	1	VV241 VV241.1 VV241.2	0220.64 0220.63	8x13,07x38,7 +0,05 +0,20	B F3
			EX	V936	0949.54	33x8x105,2	45	1	VV242 VV242.1 VV242.2	0220.72 0221.17	8x13,07x45 +0,05 +0,20	B F
405 GE/DL/GR/S R 1.9 Eng. XU9-2C 1905ccm 79kw(107PS)	87→											

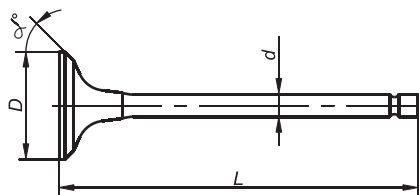
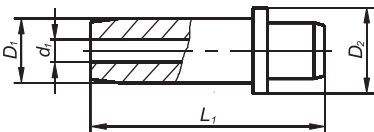
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT											
306 1.8i 16V 406 1.8i 16V Eng. XU7JP4 1762ccm 81kW(110PS)	97-03 95-04	83 4	IN	V933	0948.82	34,1x6x106,4	45 1	VV317 VV317.1	0221.25	6x12,06x40,8 +0,05	B F
			IN	V909	0948.75	34,6x7x106,4	45 3	VV244 VV244.1	0221.19	7x12,08x40 +0,05	B F
			EX	V1184	0949.92 0949.A6	29,6x6x105,7	45 1	VV318 VV318.1	0221.24	6x12,06x40,8 +0,05	G F
			EX	V910	0949.81	29,6x7x105,7	45 3	VV318 VV318.1	0221.19	7x12,08x40 +0,05	B F
306 1.8i 16V 406 SL/ST 1.8i 16V Eng. XU7JP4, LFY DOHC 1761ccm 81kW(110PS)	97-03 95→	83 4	IN	V909*	0948.75 0948.61 * Retainer s.e. 2,2 mm	34,6x7x106,4	45 3	VV244 VV244.1	0221.19	7x12,08x40 +0,05	B F
			EX	V910*	0949.81 0949.62 * Retainer s.e. 2,2 mm	29,6x7x105,7	45 3	VV244 VV244.1	0221.19	7x12,08x40 +0,05	B F
306 2.0i 16V 405 2.0i 16V 406 ST/SV/Coupe 2.0i 16V 605 SRi/SLi 2.0i 16V Eng. XU9J4, D6C 1905ccm 118kW (160PS)	97→ 97→ 95→ 95→	86 4									
306 GTI 1.8 16V Eng. XU7J4 1762ccm 81kW(110PS)	96→	83 4	IN	V1273*	0948.61 * Retainer s.e. 4 mm	34,6x7x106,4	45 3	VV413 VV413.1	0220.73	7x12,08x40 +0,03	B F3
			EX	V1274*	0949.62 * Retainer s.e. 4 mm	29,6x7x105,8	45 3	VV413 VV413.1	0220.73	7x12,08x40 +0,03	B F3
309 GTI 1.9 16V 405 MI 1.9 16V Eng. XU9J4, D6C 1905ccm 118kW(160PS)	88→ 88→										

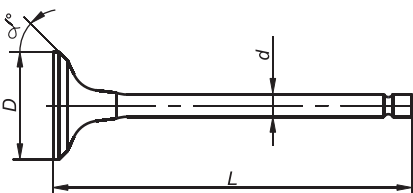
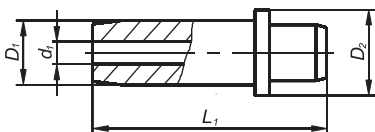
	CYL. Ø Nº	IN EX										
1	2	3	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT												
306 S16 2.0 16V 306 Cabrio 2.0 16V 405 MI 2.0 16V 406 2.0i 16V Eng. XU10J4, RFT 1998ccm 110kW(150PS)	93→ 93→ 92→ 95→	86 4	IN	V1273* * Retainer s.e. 4 mm	0948.61	34,6x7x106,4	45	3	VV413 VV413.1	0220.73	7x12,08x40 +0,03	B F3
405 TI 2.0 16V Turbo Eng. XU10J4TE, RGZ Turbo 1998ccm 144kW(196PS)	92→		EX	V1274* * Retainer s.e. 4 mm	0949.62	29,6x7x105,8	45	3	VV413 VV413.1	0220.73	7x12,08x40 +0,03	B F3
504, 505 1.6 Eng. KF1/KF2 1618ccm 56/65kW(76/88PS)	71→	84 4	IN	V593	0948.33 0948.55	42,6x8x118,6	60	1	VV141 VV141.1 VV141.2 VV141.3	0220.25	8x14,06x55 +0,05 +0,10 +0,20	G F
J7 1.6 J9 1.6 Eng. XC7P 1618ccm 40/43kW(54/58PS)	71→ 80→		EX	V594	0949.56 0949.27	35,5x8x112,2	45	1	VV141 VV141.1 VV141.2 VV141.3	0220.25	8x14,06x55 +0,05 +0,10 +0,20	G F
504 1.8 505 1.8 Eng. KF5/KF6/XM1	71→ 82→											
J5 1.8 J7 1.8 Eng. XM7T/P 1796ccm 58/66kW(79/90PS)	81→ 70→											
504 TI/GL 2.0 505 GR/SR 2.0 Eng. XN1/XN2 1971ccm 71/81kW(96/110PS)	72→ 79→	88 4										
506. 604 2.0 J5. J9 2.0 Eng. XN6/XN1T/P 1971ccm 57/87kW(78/110PS)	79→ 81→											
406 2.0 HPi 16V Eng. EW10D-RLZ 1998ccm 103kW(140PS)	01→	85 4	IN	V1315	0948.A7	32,4x6x105	45	1	VV339 VV339N	02130.12	6x12,07x40 +0,05	B F
			EX	V1316	0949.A7	29,2x6x102,6	45	1	VV340 VV340N	02130.13	6x12,07x40 +0,05	G F

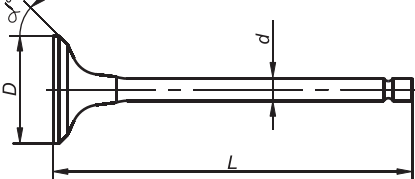
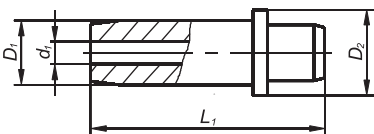
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT											
206 2.0i 16V 406 2.0i 16V 407 2.0i 16V 806 2.0i 16V 807 2.0i 16V 206 CC 2.0i 16V 307 2.0i 16V 607 2.0i 16V Expert Combi 20i 16V Eng. EW10J4, RFN/RFR 1998ccm 99/101kW(135/137PS)	99→ 99→ 04→ 98→ 01→ 01→ 00→ 99→	85 4 									

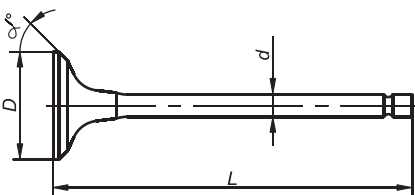
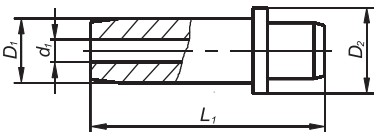
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT											
306 2.0i 16V 406 2.0i 16V 605 2.0i 16V 806 2.0i 16V Eng. XU10J4R-RFV FROM SPEC. 07360 1998ccm	97→	86 4	IN EX	V1183 V1184	0948.82 0949.92 0949.A6	34,6x6x106,3 29,6x6x105,7	45 1 45 1	VV449 VV449.1 VV449 VV449.1		6x12,07x40,8 +0,05 6x12,07x40,8 +0,05	B F B F
4007 2.4i 4008 2.4i Eng. DW10 1998ccm Eng. SFZ/4B12 2350ccm	08→	4	IN EX	V2253 V2254	0948.F2 0949.E7	35x5,5x113,2 29x5,5x105,8	45 1 45 1				
406 2.2i 16V 407 2.2i 16V 607 2.2i 16V 807 2.2i 16V Eng. 3FZ EW12J4 2230ccm	00→ 04→ 00→ 02→	86 4	IN EX	V1455 V1456	0948.A1 0949.A2	35x6x106 31,1x6x102,9	45 1 45 1	VV449 VV449.1 VV449 VV449.1		6x12,07x40,8 +0,05 6x12,07x40,8 +0,05	B F B F
Expert 1.6i Eng. 220 A2.000 Fiat 1581ccm	96→	86,4 4	IN EX	V411 V506	7 609 772 5 973 129	37,5x8x108,5 33,2x8x109	45 1 45 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4 VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162 4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x45,5 +0,03 +0,08 +0,18 +0,23 8x14,06x45,5 +0,03 +0,08 +0,18 +0,23	G F G F G F
406 3.0 V6 24V 407 3.0 V6 24V 607 3.0 V6 24V 807 3.0 V6 24V Eng. XFX(ES9J4S) 2946ccm	00-04 04→ 00→ 02→	87 6	IN EX	V1247 V1248	0948.A5 0949.A5	35x6x108,4 30,5x6x106,9	45 1 45 1	VV201 VV201.1 VV201 VV201.1	0220.95 0220.95	6x11,08x40 +0,05 6x11,08x40 +0,05	B F B F

			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT DIESEL											
Bipper 1,3 HDI Eng. 199A9.000 1248ccm	69,6 4	IN	V1413		21,7x6x109,2	45	3	VV391 VV391.1		6x10,03x43,2 +0,03	G F3
		EX	V1414		21,7x6x109,2	45	3	VV391 VV391.1		6x10,03x43,2 +0,03	G F3
		IN	V1873	0948.H0	22,45x6x109,2	45	3	VV391 VV391.1		6x10,03x43,2 +0,03	G F3
		EX	V1874	0949.G3	22,5x6x109,2	45	3	VV391 VV391.1		6x10,03x43,2 +0,03	G F3
1007 1.4 HDI 05→ 107 1.4 HDI 05→ 206 1.4 HDI 02→ 207 1.4 HDI 05→ 307 1.4 HDI 02→ Bipper Tepee 1,4 HDI 08→ Eng. 8HX, 8HR, 8HZ Eng. DV4 Turbo 1398ccm 50kW(68PS)	73,7 4	IN	V1205	0948.C2	32,8x5,5x97,3	45	3	VV399 VV399N		5,5x9,56x34 +0,05	G A
		EX	V1206	0949.B1	30,3x5,5x97,3	45	3	VV399 VV399N		5,5x9,56x34 +0,05	G A
1007 1.4 HDI 11→ Eng. DV4TD From OPR 10339 1398ccm	73,7 4	IN	V2125	0948.F5	32,8x5,5x97,1	45	3	VV399 VV399N		5,5x9,56x34 +0,05	G A
		EX	V2126	0949.F0	30,2x5,5x97,1	45	3	VV399 VV399N		5,5x9,56x34 +0,05	G A
106 1.4D 88-97 Eng. TUD3, TUD3Y-SOHC AX 1.4D 88-97 106 1.4D 92-96 Eng. K9A, K9Y 1361ccm 37/39kW(50/53PS)	75 4	IN	V809	0948.69 95638449	35,5x7x108,4	45	1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F
			V809N3		+1,0S						
		EX	V810	0949.71 95638450	30,6x7x108,2	45	1	VV210 VV210.1 VV210.2		7x13,07x42,8 +0,05 +0,20	B F
			V810N3		+1,0S						

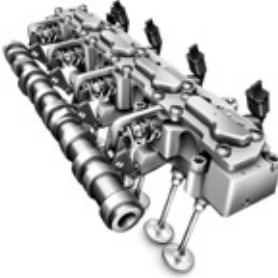
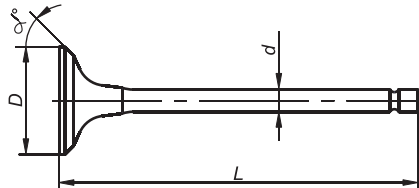
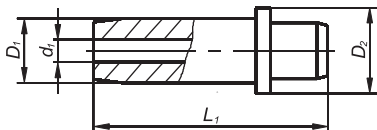
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT DIESEL												
1007 1.6HDi 16V 206 1.6HDi 16V 207 1.6HDi 16V 307 1.6HDi 16V 407 1.6HDi 16V Partner 1.6HDi 16V Ranch 1.6HDi 16V Eng. DV6TED4, 9HY, 9HZ Eng. DV6ATED4, 9HX 1560ccm	07→ 04→ 05→ 04→ 04→ 05→ 05→ 80kW(109PS)	75 4 EX	IN V1493 V1494	0948.C7 0949.C3	25,6x5,5x96,4 23,4x5,5x96,6	45 45	3 3	VV399 VV399N VV399 VV399N		5,5x9,56x34 +0,05 5,5x9,56x34 +0,05	G A G A	
5008 1.6HDi 207 1.6HDi 508 1.6HDi 308 1.6HDi Eng. 9HP (DV6DTED) 1560ccm 2008 1.6 HDi 208 1.6 HDi 3008 1.6 HDi Eng. 9HD (DV6CTED) 9HN (DV6ETED) 9HR (DV6C) 1560ccm 55/82-85kW(75/112-116PS)	10→ 09→ 10→ 09→ 13→ 14→ 13→ <											

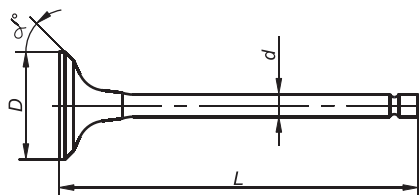
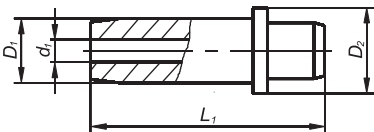
	CYL. Ø Nº	IN EX									
1	2	3	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE
			4	5	6	7	8	9	10	11	12
PEUGEOT DIESEL											
304 LD 1.5D 305 D/GRD/GLD 1.5D 305 SRD/SRD Break 1.5D Eng. XID/XIDL 1548ccm 32kw(44PS)	79→ 79→ 79→82	80 4	IN <								

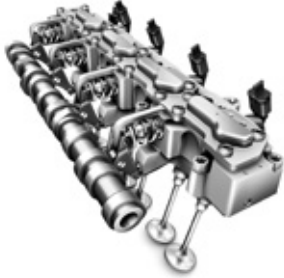
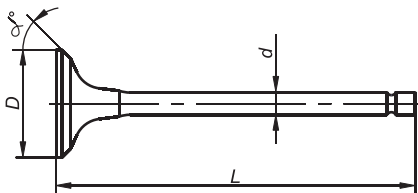
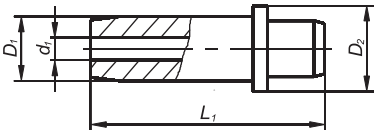
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT DIESEL												
309 SRD/GRD 1.9D	91→	83	IN	V721	0948.59	38,5x8x112,4	45	1	VV186	0220.75	8x14,06x52	B
405 GLD/GRD 1.9D	88→	4			0948.94				VV186.1		+0,05	A
J5 1.9D	88→			V721N1		+0,5S			VV186.2	0220.65	+0,22	
J9 1.9D	84→			V721N3		+1,0S						
Talbot Expres 250 1.9D	90→											
Partner, Expert 1.9D	96→		EX	V722	0949.60	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
306 SRD/ GRD 1.9D	93→			V722N1		+0,5S			VV186.1		+0,05	A
306 Cabriolet SRD GRD 1.9D	93→			V722N3		+1,0S			VV186.2	0220.65	+0,22	
Boxer Kombi 1.9D	95→											
Eng. XUD9A-DJY	95→		EX	V710	0949.73	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
1905 ccm	48/51kw(65/69PS)			V710N1		+0,5S			VV186.1		+0,05	A
				V710N3		+1,0S			VV186.2	0220.65	+0,22	
205 GRD/SRD/GTD 1.8TD	91→	80	IN	V721A	0948.63	38,5x8x112,4	45	1	VV187		8x14,06x48	B
306 SRD/GRD/GTD 1.8TD	93-99	4		V721N1		+0,5S			VV187.1		+0,05	F
309 GRD/GRD 1.8TD	91-92			V721N3		+1,0S						
405 GRD/GTD/SRD 1.8TD	88-92											
Eng. XUD7 T/TE, 161A Turbo			EX	V722	0949.60	33x8x111,9			VV187		8x14,06x48	B
1769 ccm	57/66kw(78/90PS)			V722N1		+0,5S	45	1	VV187.1		+0,05	F
				V722N3		+1,0S						
306 GTD-Turbo 1.9TD	93→	83										
405 GTD-Turbo 1.9TD	92→	4	EX	V710	0949.73	33x8x111,9			VV187		8x14,06x48	B
405 SRDT-Break Turbo 1.9TD	92→			V710N1		+0,5S	45	1	VV187.1		+0,05	F
406 SL/ST 1.9 Turbo	95→			V710N3		+1,0S						
806 GTD/SRDTI												
STDT/SVDT-Turbo 1.9TD	94→											
Boxer Kombi 1.9 Turbo	95→											
Expert 1.9D Turbo	96→											
Eng. XUD9TE/TF, D8B/C Turbo												
1905 ccm	66/68kw(90/92PS)											
406 SV 2.1 TD 12V	95→	85	IN	V1095	0948.68	33,9x8x122,3	45	3	VV245	9456 029 080	8x13,08x54,5	B
605 2.1 TD 12V	89→	4							VV245.1		+0,20	F
806 2.1 TD 12V	96→											
Eng. XUD11ATE/BTE-PHZ, P8C			EX	V1096	0949.68	33,9x8x121,9	45	3	VV245	9456 029 080	8x13,08x54,5	B
2088 ccm	80kW(109PS)								VV245.1		+0,20	F
605 SLD/SRD 2.1 D 12V	89→	86										
Eng. XUD11A - P9A		4										
2138ccm	60kw(82PS)											

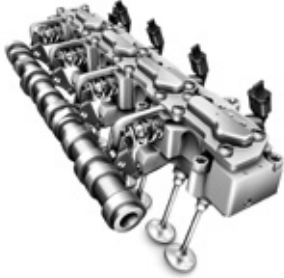
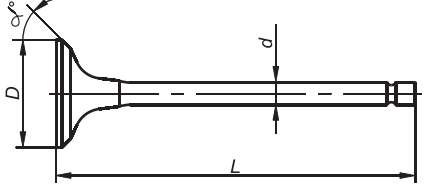
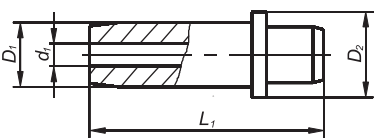
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT DIESEL												
206 2.0HDi 306 2.0HDi 307 2.0HDi 406 2.0HDi 607 2.0HDi 806 2.0HDi Expert 2.0HDi Boxer 2.0HDi Partner 2.0HDi Eng. DV10TD/ DW10ATED Turbo 1997ccm 66-82kW(90-112PS)	99→ 99-03 00→ 98→ 00→ 99-02 99→ 01→ 99→	85 4	IN	V1085	0948.95	35,6x6x107,1	45	3	VV378 VV378.1 VV266 VV266.1	0220.A2 0220.A1	6x10,06x41,5 +0,05 6x12,07x42,5 +0,05	G A G F
307 2.0HDi 16V 806 2.0HDi 16V 807 2.0HDi 16V Expert 2.0HDi 16V Eng. DW10ATED4 Turbo 1997ccm 80/82kW(109/112PS)	00→ 99-02 02→ 99→	75 4										
307 2.0HDi 16V 406 2.0HDi 16V 806 2.0HDi 16V 807 2.0HDi 16V Expert 2.0HDi 16V Ranch 2.0i 16V Eng. DW10ATED4, RHM, RHS Eng. RHZ, RHS, RHW, RHX, RHY 1997ccm 80kW(109PS)	00→ 01→ 01→ 02→ 01→ 01→	85 4	IN	V1313	0948.C0	29,9x6x106,2	45	3	VV378 VV378.1 VV266 VV266.1	0220.A2 0220.A1	6x10,06x41,5 +0,05 6x12,07x42,5 +0,05	G A G F
			EX	V1314	0949.A9	25x6x106,1	45	3	VV378 VV378.1 VV266 VV266.1	0220.A2 0220.A1	6x10,06x41,5 +0,05 6x12,07x42,5 +0,05	G A G F
407 2.2 HDi 16V 607 2.2 HDi 16V Eng. DW12BTED4,4HT Biturbo 2179ccm 125kW(170PS)	04→ 00→	85 4	IN	V1723	0948.E5	27,2x6x95,8	45	3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
			EX	V1724	0949.E1	25x6x95	45	3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A

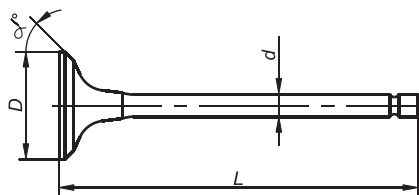
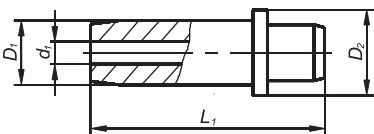
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT DIESEL											
307 2.0Hdi 16V 407 2.0Hdi 16V 607 2.0Hdi 16V 807 2.0Hdi 16V Eng. DW10BTED4-RHR 1997ccm 80/100kW(109/136PS)	03→ 04→ 02→ 02→	85 4	IN	V1179	0948.A3	29,8x6x105	45 3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
406 Coupe 2.2Hdi 16V 607 2.2Hdi 16V 806 2.2Hdi 16V 807 2.2Hdi 16V Eng. DW10TED4, 4HX 2179ccm 98/103kW(133/140PS)	01→ 01→ 02→ 01→		EX	V1180	0949.A3	25x6x105	45 3	VV266 VV266.1 VV378 VV378.1 VV266 VV266.1	0220.A1 0220.A2 0220.A1	6x12,07x42,5 +0,05 6x10,06x41,5 +0,05 6x12,07x42,5 +0,05	G A G F G F
308 2.0Hdi 16V 3008 2.0Hdi 16V 5008 2.0Hdi 16V RCZ 2.0Hdi 16V Eng. DW10CTED4-RHH 1997ccm	10→	85 4	IN EX	V2051 V1180	0948.F6 0949.A3	27,25x6x104,5 25x6x105	45 3 45 3				
605 SRDT/SVDT 2.5TD 12V Boxer 350LH, 320M 2.5D/TD 12V Eng. DK5 ATE- THY Turbo Eng. DJ5, DJ5T-Turbo T9A, T8A 2446ccm 76/95kw(103/129PS)	95→ 95→	92 4	IN EX	V1121 V1121N1 V1121N3 V1122 V1122N1 V1122N3	0948.72 0949.79 0949.93	36,9x7x127,9 +0,5S +1,0S 36,9x7x127,5 +0,5S +1,0S	45 3 45 3	VV246 VV246.1 VV246 VV246.1	0220.93 0220.93	7x13,06x54 +0,20 7x13,06x54 +0,20	B F B F
Jumper 27 2.5TD Boxer 1400/1800TD 2.5TD Eng. DJ5T/TED, THX Turbo Diesel 2446ccm 76kw(103PS)	01→ 96→	92 4	IN EX	V955 V956	0948.84 0949.90	41x7x115,7 37,8x7x115,4	45 3 45 3	VV291 VV291.1 VV291 VV291.1	0220.94 0220.94	7x13,06x43,1 +0,05 7x13,06x43,1 +0,05	B F B F
J5 2.5D Eng. U25.651/661 2499ccm 55kW(75PS)	82→	93 4	IN EX	V1623 V1624	0948.45 0949.46	42x8x121,4 35x9x121,4	45 3 45 3				
J5, J9 2.5TD Eng. CRD93 LS Turbo 2499ccm 70kW(95PS)	87-93										

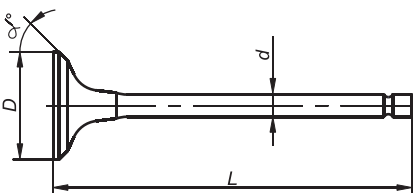
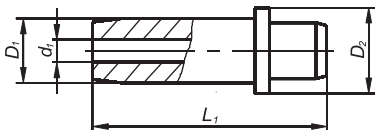
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT DIESEL												
504 GL/GLD/SRD 2.3D 505 GRD/SRD 2.3D J7 PX/PY/PZ 2.3D J9 2.3D Eng. XD2, XD2P94 2304ccm 49/53kW(66/72PS)	76→ 79→ 77→ 78→	94 4	IN	V785	0948.37	40,4x8,5x116,2	60	1	VV219 VV219.1 VV219.2 VV219.3	0220.16 0220.19	8,5x14,05x55 +0,05 +0,10 +0,20	G A
407 2.7 HDI 24V 607 2.7 HDI 24V Eng. DT17TED4 2720ccm 150kW(204PS)	04→ 00→	V6	IN	V1725	0948.E1	27,7x6x97,1	45	3	VV584 VV584N		6x10,72x39,3 +0,05	G A
			EX	V1726	0949.C6	25,2x6x96,4	45	3	VV584 VV584N		6x10,72x39,3 +0,05	G A
504 2.5D 505 GRD/SRD 2.5D Eng. XD3 J9 2.TD Eng. XD3P 2498ccm 53/55kW(73/75PS)	87→ 82→ 87→	94 4	IN	V793	0948.53 0948.49	42,5x8,5x116	45	1	VV219 VV219.1 VV219.2 VV219.3	0220.16 0220.19	8,5x14,05x55 +0,05 +0,10 +0,20	G A
505 SRD 2.5TD 604 GTD 2.5TD Eng. XD3T Turbo 2498ccm 67kW(92PS)	84→ 84→		EX	V794	0949.50 0949.45	35,5x8,5x116,3	45	1	VV219 VV219.1 VV219.2 VV219.3	0220.16 0220.19	8,5x14,05x55 +0,05 +0,10 +0,20	G A
Boxer 2.8 TD-HDi 310, 330, 350 Sofim Eng. 8140. 43S 2798ccm 94/107kW(127/145PS)	01→	94,4 4	IN	V326 V326N3	0948.A2	41x8x120,7 +1,0S	60	1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
			EX	V681 V681N3	0949.A0	35,9x8x122 +1,0S	45	1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F

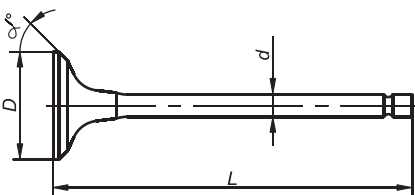
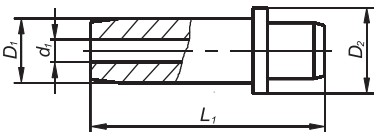
	CYL. Ø Nº	IN EX																	
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE								
1	2	3	4	5	6	7	8	9	10	11	12								
PEUGEOT DIESEL																			
Boxer 2.8 D Sofim 2798ccm 64/84kW(87/114PS)	01→	94,4 4	IN	V679 V679N3	0948.96	43,5x8x122 +1,0S	60	1	VV57	4 749 395	8x13,03x56	G							
									VV57.1	4 749 397	+0,03	F							
									VV57.2	4 749 398	+0,08								
									VV57.3		+0,18								
									VV57.4	4 749 399	+0,23								
		EX	V681 V681N3	0949.A0	35,9x8x122 +1,0S	45	1	VV57	4 749 395	8x13,03x56	G								
								VV57.1	4 749 397	+0,03	F								
								VV57.2	4 749 398	+0,08									
								VV57.3		+0,18									
								VV57.4	4 749 399	+0,23									
Boxer 3.0HDI 16V Eng. F1CE0481 2999ccm	06→	94,4 4	IN	V1697	504072531	32,4x6x119,9	60	3	VV335	500388426	6x10,04x49	G							
									VV335.1		+0,03	A							
									VV335.2		+0,23								
									EX	V1698	504081062	32,4x6x119,9	60	3	VV335	500388426	6x10,04x49	G	
															VV335.1		+0,03	A	
		VV335.2		+0,23															
		PORSCHE																	
		911 Eng. 901.01,,05 2.0L Targa 96kW(131PS) 911 Eng. 901.02 2.0S Targa 118kW(162PS) 911 Eng. 901.03,,13 2.0T Targa 81kW(111PS) 911 Eng. 901.09,,11 2.0E 103kW(141PS) 911 Eng. 901.10 2.0S Targa 125kW(171PS)	63→90	IN													VV593	93010432100	9x13,06x51
									VV593N		+0,10	A							
									VV593.1	93010432150	+0,20								
VV593N1									+0,25										
EX														VV593			93010432100	9x13,06x51	B
				VV593N		+0,10	A												
				VV593.1	93010432150	+0,20													
				VV593N1		+0,25													

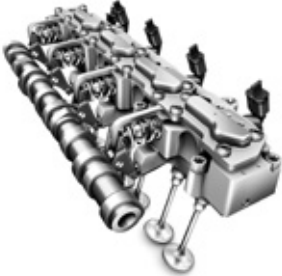
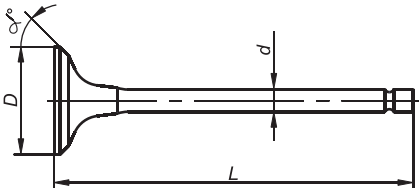
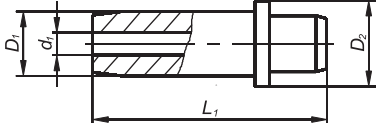
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PORSCHÉ											
914 Eng. 901.36,,37 2.0 81kW(111PS)	69-76	IN						VV593	93010432100	9x13,06x51	B
								VV593N		+0,10	A
								VV593.1	93010432150	+0,20	
								VV593N1		+0,25	
911 Eng. 911.01,,04 2.2E Targa 114kW(156PS)	63-90	EX						VV593	93010432100	9x13,06x51	B
								VV593N		+0,10	A
								VV593.1	93010432150	+0,20	
								VV593N1		+0,25	
911 Eng. 911.03,,06 2.2T Targa 92kW(126PS)	63-90							VV593	93010432100	9x13,06x51	B
								VV593N		+0,10	A
								VV593.1	93010432150	+0,20	
								VV593N1		+0,25	
911 Eng. 911.42,,47,,93,,98 2.7S Carrera/Targa 129kW(177PS)								VV593	93010432100	9x13,06x51	B
								VV593N		+0,10	A
								VV593.1	93010432150	+0,20	
								VV593N1		+0,25	
911 Eng. 911.52,,62 2.3E Targa 121kW(166PS)	63-90	IN						VV593	93010432100	9x13,06x51	B
								VV593N		+0,10	A
								VV593.1	93010432150	+0,20	
								VV593N1		+0,25	
911 Eng. 911.53,,63 2.3S 140kW(268PS)	63-90	EX						VV593	93010432100	9x13,06x51	B
								VV593N		+0,10	A
								VV593.1	93010432150	+0,20	
								VV593N1		+0,25	
911 Eng. 911.83 2.7SC Carrera RS, Targa 154kW(211PS)	63-90							VV593	93010432100	9x13,06x51	B
								VV593N		+0,10	A
								VV593.1	93010432150	+0,20	
								VV593N1		+0,25	
911 Eng. 911.92,,97 2.7 Targa 110kW(151PS)								VV593	93010432100	9x13,06x51	B
								VV593N		+0,10	A
								VV593.1	93010432150	+0,20	
								VV593N1		+0,25	
911 Eng. 930.03,,13 3.0SC Carrera, Targa 132kW(181PS)								VV593	93010432100	9x13,06x51	B
								VV593N		+0,10	A
								VV593.1	93010432150	+0,20	
								VV593N1		+0,25	

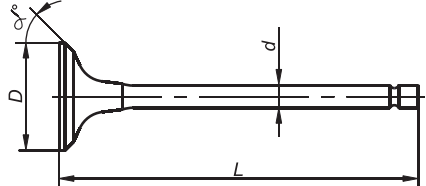
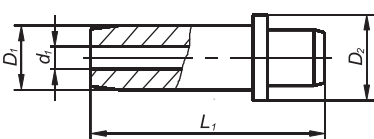
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PORSCHE											
911 63-90 Eng. 930.03,.13 3.0SC Carrera, Targa 147kW(201PS) 911 63-90 Eng. 930.20 3.2SC Carrera, Cabrio 170kW(233PS) 911 63-90 Eng. 930.25 3.2 Carrera Speedster Cabrio 160kW(219PS) 930 63-90 Eng. 930.50 3.0T 191kW(262PS) 911 74-77 Eng. 930.60 3.3TS 220-243kW(301-315PS) 911 63-90 Eng. 930.66 3.3T/SC Targa 220-221kW(301-302PS)		IN						VV593	93010432100	9x13,06x51	B
								VV593N		+0,10	A
								VV593.1	93010432150	+0,20	
								VV593N1		+0,25	
		EX						VV593	93010432100	9x13,06x51	B
								VV593N		+0,10	A
								VV593.1	93010432150	+0,20	
911(993) 93-97 Eng. M64.05,.06,.07,.08 3.6 Carrera 4, Cabrio 200kW Eng. M64.05S,.06S 3.8 Carrera 4, Cabrio 210kW(274PS) Eng. M64.21,.23,.24 Carrera 4, Cabrio, Targa 210kW Eng. M64.21S 3.8 Cabrio, Carrera RS, 4 221kW(365PS)		IN						VV591	99310432171	8x13,06x56	B
								VV591N		+0,10	F
								VV591N1		+0,25	
Cayenne 4.5 02→ Eng. M48.00 4511ccm	83 V8	IN	V2127	94810531101	37,1x6x109,2	45	3				
		EX	V2128	94810531200	32,5x6x109,5	45	3				
Cayenne 4.5 04→ Eng. M48.50S Turbo 4511ccm	83 V8	IN	V2127	94810531101	37,1x6x109,2	45	3				
		EX	V2120	94810531253	32,5x6x109,5	45	3				
Cayenne 4.8 07→ Eng. M48.01 4806ccm	83 V8	IN	V2129	94810532102	38,2x6x107,7	45	3				
		EX	V2130	94810532202	33x6x108,1	45	3				

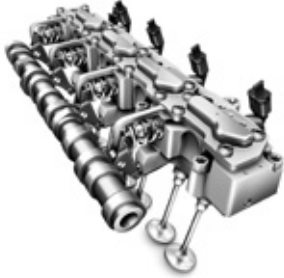
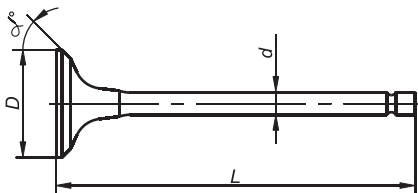
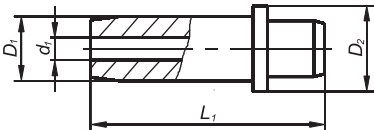
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PORSCHE												
Cayenne 4.8 Eng. M48.51 Turbo 4806ccm	07→	83 V8	IN	V2129	94810532102	38,2x6x107,7	45	3	VV578 VV578N VV578N1		6x10,55x40,5 +0,15 +0,25	B F
			EX	V2108	94810532252	33x6x108,2	45	3	VV578 VV578N VV578N1		6x10,55x40,5 +0,15 +0,25	B F
Cayenne 4.8 Eng. M48.02 4806ccm	10→	83 V8	IN	V2129	94810532102	38,2x6x107,7	45	3	VV578 VV578N VV578N1		6x10,55x40,5 +0,15 +0,25	B F
			EX	V2130	94810532202	33x6x108,1	45	3	VV578 VV578N VV578N1		6x10,55x40,5 +0,15 +0,25	B F
Cayenne 4.8 Eng. M48.52 Turbo 4806ccm	10→	83 V8	IN	V2129	94810532102	38,2x6x107,7	45	3	VV578 VV578N VV578N1		6x10,55x40,5 +0,15 +0,25	B F
			EX	V2108	94810532252	33x6x108,2	45	3	VV578 VV578N VV578N1		6x10,55x40,5 +0,15 +0,25	B F
Cayenne 3.2i V6 24V Eng. M02.2Y 3189ccm	02→	84 V6	IN	V1687	022 109 601H	33,2x6x136,3	45	3	VV513 VV513N		6x10,04x65 +0,05	B F
			EX	V1688	022 109 611P	30,2x6x136,1	45	3	VV513 VV513N		6x10,04x65 +0,05	B F
PORSCHE DIESEL												
Tractor Standard T Eng. F 217 1374ccm	60-63 15kW(20PS)	90 2	IN	V1829	001330105	38x8x155,4	45	3				
			EX	V1830	001330205	34x8x155,4	45	3				
Tractor Standard Eng. F 208 1644ccm	57-63 18kW(25PS)											
Tractor AP18/Standard 1531ccm	57-63 13/16kW(18/22PS)	95 2										

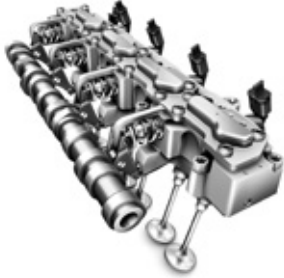
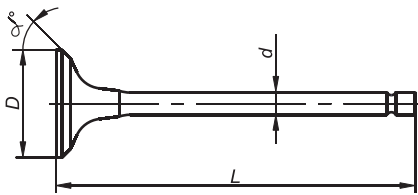
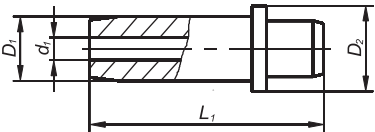
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PORSCHÉ DIESEL												
Tractor Junior K/L/S	57-63	95	IN	V1829	001330105	38x8x155,4	45	3				
Eng. F 108		1										
822ccm	10kW(14PS)		EX	V1830	001330205	34x8x155,4	45	3				
Super	57-63	3										
Eng. F 308												
2467ccm	28kW(38PS)											
P144	60-63	4										
Eng. F 408												
3289ccm	37kW(50PS)											
Tractor Standard Star	60-63	98										
Eng. F 219		2										
1750ccm	22kW(30PS)											
Super L	60-63	3										
Eng. F 319												
Super export	60-63											
Eng. F 329												
2625ccm	26kW(35PS)											
Master	60-63	4										
Eng. F 419												
3500ccm	37kW(50PS)											
RENAULT												
R4 L/TL/F4 0.8	72→	55,8	IN	V230	7700 648 970	28,2x7x73	45	8	VV174	0710 938 900	7x11,14x34	G
Eng. B1A		4	IN	V720	7701 458 152	28,2x7x73	45	1	VV174.1	7701 460 923	+0,05	A
782ccm	20kw(27PS)				7710 565 824				VV174.2		+0,10	
R5 L, R6L 0.9	72→		EX	V233	7701 458 195	25x7x73,8	45	2	VV174	0710 938 900	7x11,14x34	G
R4 L/TL/F4 0.9	72→				7700 555 263				VV174.1	7701 460 923	+0,05	A
R6L 0.9	72→								VV174.2		+0,10	
Eng. B1B												
845ccm	26kw(36PS)											

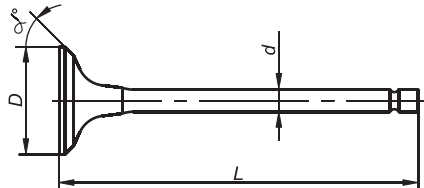
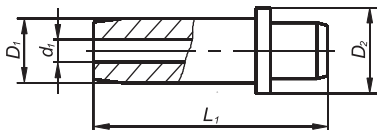
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT												
R4 F/FS/FSA/TL 0.85 Eng. 813 852ccm 21kw(29PS)	72→ 4	61,4	IN	V581	7701 458 180 7701 458 186	33,4x7x89,8	45	1	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
R5 GTL/GTS/TL 1.0 Expres, Super 5 TC 1.0 Eng. 689/C1C 956ccm 27kw(37PS)	72→ 85→ 4	65	EX	V582	7701 460 690	28,9x7x88,8	45	2	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
R4 1.1	76→	70										
R5 1.1	80-95	4										
Super 5 1.1	85→											
R6 1.1	76→											
R9 1.1	81-87											
R11 1.1	83-86											
Clio 1.1	91-98											
Estafette, Expres 1.1	79→											
Rapid 1.1	85-91											
Rodeo 5 1.1	71-80											
Eng. 688 / C1E												
1108ccm	25-35kw(34-48PS)	73										
R4 1.3	85-93	4										
R5, R11 1.3	74→											
R12, R14 1.3	72→											
R15, 1.3	72→											
Rodeo 6 1.3	81→											
Eng. 810												
1289ccm	29-47kw(40-64PS)	74										
Twingo E2 1.2	93→	4										
Eng. C3G												
1239ccm	40kw(55PS)											
R5 GTL/TL/TR R9 GTC/GTL/C/TC R11 GTC/TC R19 GTR/TR/TRE Eng. C1G/B530 1237ccm	87→ 87→ 87→ 88→	4	IN	V2209	7701 462 137	34,1x7x91,5	45	1	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
			EX	V2210	7700 638 247 7701 460 690	29x7x89	45	2	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A

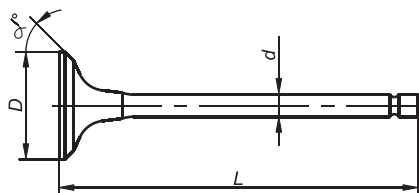
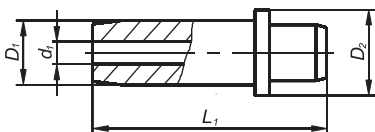
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT												
Clio 1.1/1.2i Twingo 1.1i Kangoo 1.1/1.2i Kangoo Express 1.2i Eng. D7F A7/D7/G7/J7 Eng. 7F 700/701/702/706 1149ccm 43kw(58PS)	98→ 97→ 97→ 97→	69 4	IN	V867	7701 469 266	32,8x6x106,8	60	1	VV248 VV248.1 VV248.2		6x11,08x45 +0,05 +0,20	B A
			EX	V868	7701 469 269	29,9x6x106,7	45	1	VV248 VV248.1 VV248.2		6x11,08x45 +0,05 +0,20	B A
Clio 1.2i 16V Kangoo 1.2i 16V Twingo 1.2i 16V Modus 1.2i 16V Expres 1.2i 16V Thalia 1.2i 16V Eng. D4F, D4F 07 Eng. D4F 712/714/716 1149ccm 55kW(75PS)	01→ 01→ 01→ 04→ 01→ 02→	69 4	IN	V1165	7701 472 986	26x5,5x110,7	45	3	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
			EX	V1166	7701 473 004	22x5,5x112,5	45	3	VV583 VV583N		5,5x11,08x40,6 +0,05	B F
									VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
									VV583 VV583N		5,5x11,08x40,6 +0,05	B F
Clio III 1.2 TCE 16V Modus 1.2 TCE 16V Modus II 1.2 GT/TCE 16V Twingo II 1.2 GT/TCE 16V Eng. D4F/784/786 Eng. D4F/780/782 1149ccm	07→ 07→ 07→ 07→	69 4	IN	V1165	7701 472 986	26x5,5x110,7	45	3	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
									VV583 VV583N		5,5x11,08x40,6 +0,05	B F
			EX	V1166	7701 477 875	22x5,5x112,5	45	3	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
									VV583 VV583N		5,5x11,08x40,6 +0,05	B F

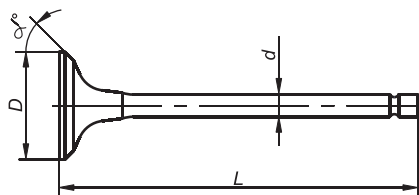
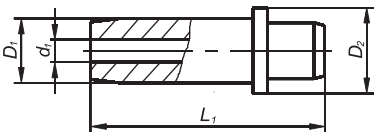
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT												
R5 GL/GTL/L/TL 1.1 Express -F40 1.1 R5 TL/SL/Five 1.1 Clio 1.1 Eng. C1E 1108ccm 34/43kw(47/58PS)	84→ 85→ 89→ 90→	70 4	IN	V581	7701 458 180 7701 458 186	33,4x7x89,8	45	1	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
			EX	V582A	7701 461 802 7701 463 181	28,9x7x88,8	45	2	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
R5 GT Turbo 1389ccm	89→	4	IN	V2207	690577A	34x7x90,8	45	2	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
			EX	V2208	7701 463 181	28,9x7x88,9	45	2	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
Megane III 1.4 16V TCE H4J700 1397ccm NEW	09→	4	IN	V2387	132016894R	29,5x5x101,3	45	1				
			EX	V2388	132028778R	25,4x5,5x102,5	45	1				
R5 GTR,TL,TR 1.2 Super 5 1.2 R9 C,GTC,GTL,TC 1.2 R11 GTC,TC 1.2 R19 1.2 Rapid 1.2 Expres Combi 1.2 Eng. C1G 1237ccm 40kW(55PS)	87→ 87→ 85→ 84→ 88→ 91→ 92→	71,5 4	IN	V1409	7701 462 137	34,2x7x91,4	45	1	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
			EX	V582	7701 460 690	28,9x7x88,8	45	2	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
R5 GTL,TS,TX 1.4 R18 1.4 Fuego 1.4 Trafic 1.4 Expres F40 GTL 1.4 Eng. 847 1397ccm 35/47kW(48/64PS)	81-85 83-86 80-85 80-89 84→	76 4										

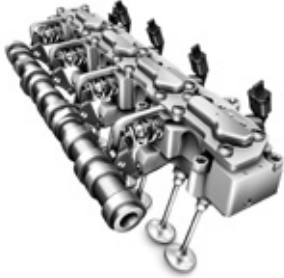
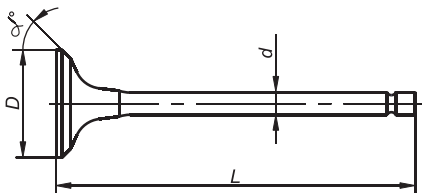
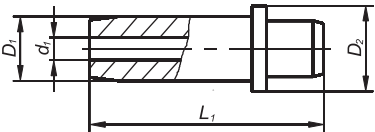
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
RENAULT											
R5 GTL,GTS,TS,TSE,SL 1.4 Super 5 1.4 R9 GTL,TL, GTE,GTx 1.4 R11 GTL,TL,TSE,GTS 1.4 R18 Breac TL 1.4 R19 GTR,TR,GTE,GTS,RL,RN 1.4 R19 Shamade TR,GTR 1.4 R21 GTS,RS,TL 1.4 Expres F40M,F402 Rapid 1.4 Fuego 1.4 Trafic 1.4 Eng. C1J,C2J,C3J 1397ccm 43-52kW(58-71PS)	84→ 85→ 81→ 83→ 83→ 88→ 89→ 88→ 85→ 85→ 80→ 81→	76 4	IN	V1409	7701 462 137	34,2x7x91,4	45 1	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
R5 1.7 Super 5 1.7 Eng. F2N 1721ccm 55/66kW(75/90PS)	87-95 87→	81 4	EX	V582	7701 460 690	28,9x7x88,8	45 2	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
R 14 GTL/L/TL 1.2 Eng. X5G R 14 TS 1.2 Eng. XZ7R/129-5 1218ccm 43kw(58PS) R 14 GTL/TL 1.4 Eng. X5J R 14 GTS/LS/TS 1.4 Eng. X6J 1361ccm 44/52kw(59/71PS)	76-79 79-83 79→ 79→	75 4	IN EX	V969 V970	7701 459 824 7910 025 377 7701 459 825 7910 025 379	36,8x8x113,4 29,3x8x113,6	60 1 45 1				
Clio IV 0.9 TCE Captur 0.9 TCE Eng. H4B 898ccm	12→ 13→	75 3	IN EX	V2131 V2132	132013562R 132025379R	26,5x5,5x100,9 23,5x5,5x101,7	45 3 45 3				

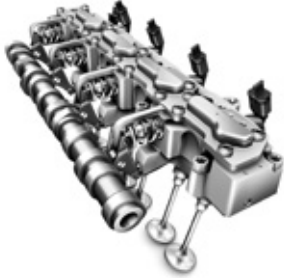
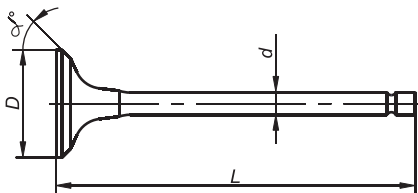
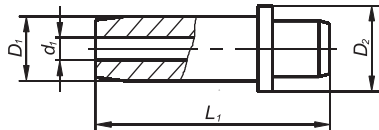
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
RENAULT											
Clio RL/RN 1.2 91→ R19 RL/RN 1.2 93→ Eng. E5F/E7F 1171ccm 40/44kW(54/60PS)	75,8	IN	V673	7701 465 088 7700 273 371	37,6x7x107,8	60	1	VV203 VV203.1		7x12,06x42 +0,05	B F
Clio S/RL/RN/RT 1.4 90→ R19 TS/TSE/GTS Chamade 1.4 88→ Megane/Megane Scenic 1.4 95→ Kangoo, Rapid 1.4 91→ Expres 1.4 86→ Eng. E6J/E7J/K7J 1397ccm 55/59kW(75/80PS)		EX	V674	7701 465 090 7700 865 934 7701 468 419	33,6x7x107,8	45	1	VV204 VV204.1		7x12,06x49 +0,05	B F
Expres RL/Furgon F40A 1.4 86→ Eng. C3J 1397ccm 40/44kW(55/60PS)											
Clio 1.6 96→ Kangoo 1.6 97→ Megane 1.6 96-99 Megane, Scenic/Cabrio 1.6 96-99 Eng. K7M 1598ccm 55/66kW(75/90PS)	79,5										
R 18 GTL/TL/Break 1.4 78→ Fuego 1.4 80-82 R5 1.4 82→ R9 1.4 81→ R11 1.4 83→ R19/R21 1.4 88→ Eng. 847.720, C1J,C2J 1397ccm 35/44/49/53kw	76	IN	V858	7701 460 699 7700 639 627	34x7x91,2	60	1	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
		EX	V582	7701 460 690	28,9x7x88,8	45	2	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
Trafic T/P 1.4 78→ Eng. 847-701 1397ccm 34kw(48PS)	76	IN	V858	7701 460 699 7700 639 627	34x7x91,2	60	1	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A
		EX	V582A	7701 461 802 7701 463 181	28,9x7x88,8	45	2	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A

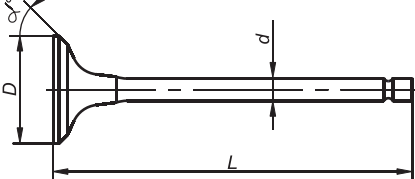
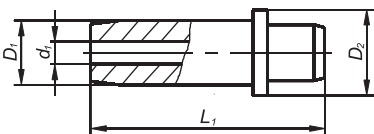
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT												
Thalia 1.4i 16V Clio 1.4i 16V Megane 1.4i 16V Modus 1.4i 16V Laguna 1.4i 16V Scenic 1.4i 16V Eng. K4J 1398ccm	00→ 01→ 00→ 04→ 98→ 70kw(95PS)	79,5 4 EX	IN V1013 V1014	7700 107 602 7701 471 378 7701 472 124 8200 054 762 7701 471 379 7701 473 354	32,7x5,5x109,3 28x5,5x107,6	45 45	1 1	VV249 VV249.1 VV249.2 VV583 VV583N VV249 VV249.1 VV249.2 VV583 VV583N	7700 109 151 7700 109 151	5,5x11,08x40,6 +0,05 +0,20 5,5x11,08x40,6 +0,05 5,5x11,08x40,6 +0,05 5,5x11,08x40,6 +0,05	B A B F B A B F	
R15 TS R16 TS R17 TL 1505ccm R16 TX 1647ccm	72→ 68→ 72→ 73→	4 EX	IN V2201 V2202	566902A 7701 458 187 566903E 7701 458 192	40x8x110,7 35,5x8x110,9	45 45	1 1	VV206 VV206.1 VV206.2 VV206 VV206.1 VV206.2	7101 462 486 7101 462 486	8x13,15x49 +0,05 +0,10 8x13,15x49 +0,05 +0,10	G A G A	
R18 TS/GTS Fuego GTL Trafic PA/TA Master R 1647ccm	 1647ccm	4 EX	IN V2203 V2204	629763A 7701 460 624 639199E 7701 460 625	36x8x105 31,5x8x103,5	45 45	1 3	VV205 VV205.1 VV205.2 VV206 VV206.1 VV206.2	7701 460 815 7701 462 486	8x13,15x39,5 +0,05 +0,10 8x13,15x49 +0,05 +0,10	G A G A	

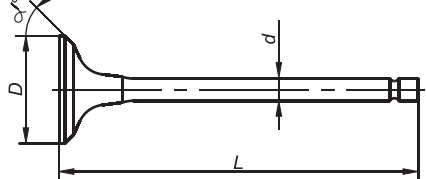
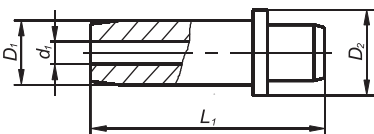
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT												
R17 TS R18 Fuego R20 TL/GTL 1647ccm	76→ 80→ 76→	4	IN EX	V2205 V2206	7701 458 792 7700 587 901A 7700 507 902E 7701 488 793	39x8x110,6 34,5x8x111	45 45	1 1	VV205 VV205.1 VV205.2 VV206 VV206.1 VV206.2	7701 460 815 7701 462 486	8x13,15x39,5 +0,05 +0,10 8x13,15x49 +0,05 +0,10	G A G A
Super 5 GTX Bacara 1.7 R5 GTE/GTX/TXE 1.7 R9 GTE/GTX/TX/TXE 1.7 R11 GTE/GTX/TX/TXE 1.7 R19 GTS/GTX/TSE/TXE 1.7 R21 GTL/GTS/RS/TS/TSE 1.7 Eng. F2N/F3N 1721ccm 56/66kw(76/90PS)	88→ 85→ 84→ 84→ 88→ 86→	81 4	IN EX	V765 V766	7701 463 081 7700 713 788 7701 463 944 7701 463 082 7700 713 790	38,2x8x111,5 32,5x8x111,3	60 45	1 1	VV205 VV205.1 VV205.2 VV206 VV206.1 VV206.2	7701 452 333 7701 452 337 0710 942 500 0710 942 600	8x13,15x39,5 +0,05 +0,10 8x13,15x49 +0,05 +0,10	G A G A
R21 GTS/GTX 1.7 Eng. F2R Trafic 1.7 Master 1.7 Eng. F1N 1721ccm 50/66kw(70/90PS)	86→ 87→ 87→											
Clio RT/BAC 1.7 R19 Chamade GTX/TXE 1.7 R21/NEVADA TS/GTS/TSE 1.7 Eng. F2N 1721ccm 68kw(92PS)	90→ 90→ 89→											
R19/Chamad e TS/GTS/GTX/TXE 1.7 Eng. F3N R21/NEVADA TL 1.7 Eng. F2N 1721ccm 55/69kw(75/94PS)	90→ 89→											

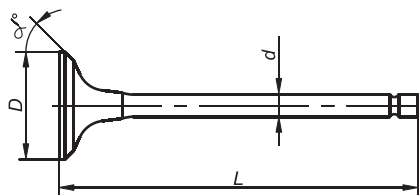
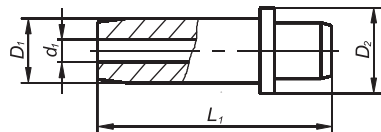
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT												
R19 1.8 16V Eng. F7P 1763ccm 103kw(140PS)	88→	82,7 4	IN	V1075	7701 465 172	30,7x7x107,5	45	1	VV250 VV250.1	7700 743 529	7x12,07x39,2 +0,05	B F
R19 Cabriolet 1.8 16V Clio 1.8 16V Eng. F7P 1764ccm 99/103kw(135/140PS)	90→ 90→		EX	V2352	7701 465 173	28,6x7x108,3	45	1	VV250 VV250.1	7700 743 529	7x12,07x39,2 +0,05	B F
			EX	V1076	7700 747 324	28,6x7x109,1	45	1	VV250 VV250.1	7700 743 529	7x12,07x39,2 +0,05	B F
Laguna Grandtour 1.8 Laguna GPL 1.8i Eng. F3P 1783/1794ccm 66/69kw(90/94PS)	94→ 98→	82,7 4	IN	V1157	7701 468 960 7700 112 413	40x8x115,6	45	1	VV284 VV284N		8x13,07x37,7 +0,05	B F
Megane 2.0 Espace 2.0 Laguna 2.0 Eng. F3R OHC 1998ccm 83kw(113PS)	95→ 96→ 97→		EX	V1158	7701 468 961 7700 112 412	32,5x8x115,3	45	1	VV284 VV284N		8x13,07x37,7 +0,05	B F
Clio 1.8/1.8 RSi Laguna 1.8 R19 1.8 Eng. F3P 1783/1794ccm 66/69/79/81kw(90/94/107/110PS)	91-98 93→ 91→	82,7 4	IN	V1155	7701 466 606	40,1x8x107,1	45	1	VV284 VV284N		8x13,07x37,7 +0,05	B F
Espace 2.0 Laguna 2.0 Megane 2.0/2.0i Megane, Scenic/Cabrio 2.0 Eng. F3R 1998ccm 83/84kw(113/114PS)	96-00 93→ 96→ 97→		EX	V1156	7701 466 607	32,7x8x106,9	45	1	VV284 VV284N		8x13,07x37,7 +0,05	B F

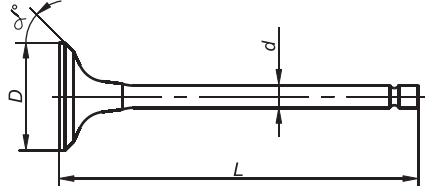
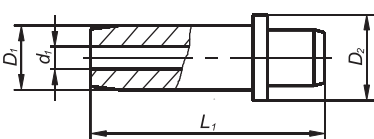
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
RENAULT											
Laguna SW 1.8 16V 98→ Megane/Scenic 1.8 16V 01→ Eng. F4P 1783ccm 85/88kw(115/120PS)	82,7 4	IN	V1983	7701 471 279 7701 471 287	33,4x5,5x110,1	45	1	VV249 VV249.1 VV249.2 VV583 VV583N	7700 109 151	5,5x11,08x40,6 +0,05 +0,20 5,5x11,08x40,6 +0,05	B A B F
Clio, Megane, Scenic 2.0 16V 98→ Espace, Trafic, Bus/Van 2.0 16V 98→ Laguna 2.0 16V 99→ Vel Satis 2.0 16V 02→ Eng. F4R/F4R Turbo 1998ccm 85/124kw(120/169PS)		EX	V982	7701 473 101 7701 471 280	28,9x5,5x108,9	45	1	VV249 VV249.1 VV249.2 VV583 VV583N	7700 109 151	5,5x11,08x40,6 +0,05 +0,20 5,5x11,08x40,6 +0,05	B A B F
Clio Williams 2.0 16V 94-98 Megane 2.0 Cabrio/Coupe 16V 96-99 Megane 2.0 RT COACH 16V 96-99 Sport Spider 2.0 16V 95→ Eng. F7R 1998ccm 108/110kw(148/150PS)	82,7 4	IN	V1377	7701 468 861 7700 865 550	33x7x107,3	45	1	VV250 VV250.1	7700 743 519	7x12,07x39,2 +0,05	B F
		EX	V1378	7701 468 862 7700 865 551	28,3x7x108,8	45	1	VV250 VV250.1	7700 743 519	7x12,07x39,2 +0,05	B F
Laguna 2.0 RXT 16V 98→ Eng. N7QD7 Safrane 2.0 RXE 16V 98→ Eng. N7QH7 1948 ccm 100/102kw(136/139PS)	83 4	IN	V763	7438 610 007	31x7x104,1	45	3	VV324 VV324N		7x11,99x45 +0,05	G F
		EX	V764	7438 610 008	27x7x103,3	45	3	VV324 VV324N		7x11,99x45 +0,05	G F
Laguna 2.0i 16V 07→ Megane 2.0i 16V 08→ Eng. M4R 1997ccm	84 4	IN	V1793	13201-EN201	33,9x5,5x106,3	45	1				
		EX	V1794	13202-EN200	27,7x5,5x105,2	45	1				
Master 2.3 CDTi 16V 10→ Eng. M9T 2299 ccm	85 4	IN	V1797	4420439 93168105 13201-2274R	27,7x6x104	45	3	VV551		6x11,04x42,4	B F
		EX	V1798	7701476595 4431241 93161681	26,1x6x103,8	45	3	VV551		6x11,04x42,4	B F

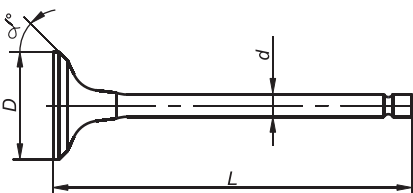
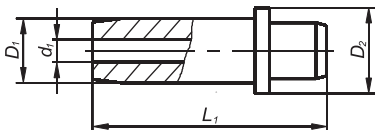
											
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS $d_1 \times D_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
RENAULT											
R20 TL/LS/TS 1647ccm	77→	88 4	IN	V1943	77 00 635 409 77 00 644 710 77 00 709 794	43,9x8x112	60	1			
R18 GTX/TX/Break	81→				77 01 460 147						
R20 LS/TS/GTL	77→				77 01 463 786						
R21 GTX/Ti/TXE/Turbo	86→				77 01 465 325						
GTS/RX Nevada					79 10 245 390						
R25 GTS/TS/GTX 1995ccm	83-91		EX	V1944	77 00 644 709 77 00 701 645	38,6x8x111,4	45	1			
Espace 2.0 GTS/TSE	83→				77 00 733 512						
Fuego GTL/GTX/TX	80→				77 00 740 221						
Eng. J6R/J7R					77 01 460 143						
Master R/Q	83→				77 01 460 148						
Trafic	83→				77 01 464 794						
Eng. J5R											
1991ccm			EX	V1920	77 01 463 787 79 00 000 681 79 10 245 802	37x8x111,3	45	1			
Safrane RN	92→										
1995ccm											
Espace GTX/TXE/ GTS/XE/TSE 2.0/2.2	83-91										
Quadra											
Trafic TB 12/22/32/42/52/62	89→										
2165ccm											
R21 GTX/TXE/4x4	86→										
Eng. J7R/J7T											
R25 GTX	83-91										
2165ccm											
R30 TS/TX	75-78	6									
2664ccm											
R25 Turbo	87→										
2458ccm											
R25	84→										
2849ccm											
Eng. Z7V/Z7W (59/61/77/79/81/89/91/94/ 105/106/118kw)											

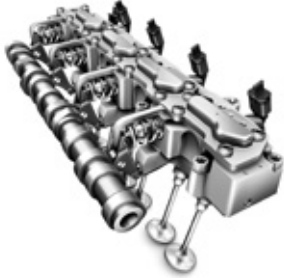
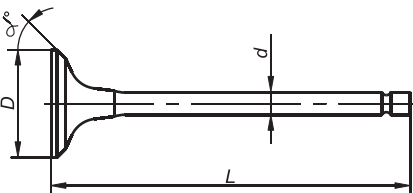
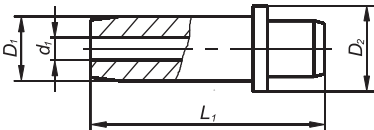
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT												
Megan 2.0 16V	96-02	88	IN	V1151	7701 471 780	31,5x5,5x113,5	45	1	VV400	7700 114 862	5,5x11,07x45	B
Laguna SW 2.0 16V	01→	4							VV400.1		+0,05	A
Scenic 2.0 16V	99-03											
Eng. F5R			EX	V1152	7701 471 781	27,3x5,5x114	45	1	VV400	7700 114 862	5,5x11,07x45	B
1998 ccm	103kw(140PS)								VV400.1		+0,05	A
Safrane RN/RT 12V 2.0/2.1	92→	88	IN	V1035	7701 465 495	36,4x7x111,8	45	1	VV203		7x12,06x42	B
R21 TXi 12V 2.0/2.1	91→	4							VV203.1		+0,05	F
Eng. J7R/J7T												
1995 ccm	99kw(135PS)		IN	V1037	7701 465 496	30,4x7x111,9	45	1	VV203		7x12,06x42	B
2165 ccm	103kw(140PS)								VV203.1		+0,05	F
Trafic 2.1	89→		EX	V1036	7701 465 497	40,1x7x112	45	1	VV204		7x12,06x49	B
Eng. J7T									VV204.1		+0,05	F
2165ccm	74kw(100PS)											
Espace 3.5 24V	04→		IN	V1727	7701 474 099	37,1x6x96,4	45	1				
Grande Espace 3.5 24V		V6										
Eng. V4Y.711			EX	V1728	7701 474 100	31,4x6x94	45	1				
3500ccm												
RENAULT DIESEL												
Clio 1.5 dCi	01→	76	IN	V979	7701 473 184	33,4x6x101	45	3	VV319		6x11,07x40,5	B
Kangoo 1.5 dCi	01→	4							VV319.1		+0,05	F
Megane 1.5 dCi	03→								VV319N		+0,20	
Modus 1.5 dCi	04→											
Scenic 1.5 dCi	03→		EX	V980	7701 473 183	28,9x6x100,8	45	3	VV319		6x11,07x40,5	B
Thalia 1.5dCi	01→								VV319.1		+0,05	F
Twingo 1.5 dCi	07→								VV319N		+0,20	
Eng. K9K Turbo Common Rail												
1461ccm	48/63/78kW(65/86/106PS)											
R5 Supercing 1.6 D	87-95	78	IN	V855	7701 462 813	36,1x8x111,7	60	1	VV146		8x13,06x39	B
Super 5 1.6 D	86→	4			7701 466 716				VV146.1		+0,05	F
R9 1.6 D	82-88				7701 465 107				VV146.2		+0,20	
R11 1.6 D	83-88			V855N3		+1,0S						
Expres F40 1.6 D	86-88											
Rapid 1.6 D	86-98		EX	V856	7701 462 814	31,6x8x111,3	45	1	VV146		8x13,06x39	B
Eng. F8M					7701 466 717				VV146.1		+0,05	F
1596ccm	40kw(55PS)			V856N3		+1,0S			VV146.2		+0,20	

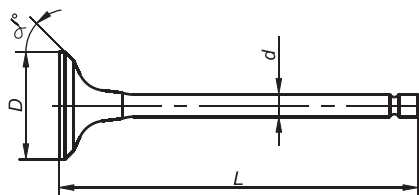
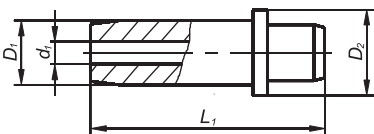
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT DIESEL												
R19 Chamade 1.9 D	88→95	80	IN	V855	7701 462 813	36,1x8x111,7	60	1	VV146		8x13,06x39	B
R21 Nevada 1.9 D	89→	4			7701 466 716				VV146.1		+0,05	F
Clio 1.9 D	90→				7701 465 107				VV146.2		+0,20	
Expres 1.9 D	85→			V855N3		+1,0S						
Rapid 1.9 D	91→97											
R19 Chamade 1.9 TD	91→96		EX	V856	7701 462 814	31,6x8x111,3	45	1	VV146		8x13,06x39	B
R21 1.9 TD	89→				7701 466 717				VV146.1		+0,05	F
Megane 1.9 TD	96→			V856N3		+1,0S			VV146.2		+0,20	
Megane, Scenic 1.9 TD	97→99											
Eng. F8Q/F8Q Turbo												
1870ccm 47/66/68/70kw(64/90/92/95PS)												
Megan III 1.6 DCi	11→	79,5	IN	V2103	132010370R	23,5x6x104,2	45	3	VV319		6x11,07x40,5	B
Grand Scenic III 1.6 DCi	11→	4							VV319.1		+0,05	F
Eng. R9M404									VV319N		+0,20	
1598ccm			EX	V2104	132024894R	23,4x6x104,1	45	3	VV319		6x11,07x40,5	B
									VV319.1		+0,05	F
									VV319N		+0,20	
Clio 1.9 D	91→99	80	IN	V837	7701 468 035	35,2x8x111,6	45	1	VV146		8x13,06x39	B
Clio II 1.9 D	98→	4							VV146.1		+0,05	F
Kangoo, Megane 1.9 D	95→								VV146.2		+0,20	
Rapid 1.9 D	94→98											
R19 Chamade 1.9 D	93→		EX	V856	7701 462 814	31,6x8x111,3	45	1	VV146		8x13,06x39	B
Expres 1.9 D	91→97			V856N3		+1,0S			VV146.1		+0,05	F
Eng. F8Q									VV146.2		+0,20	
1870ccm 48kW(65PS)												
R19 Chamade 1.9 TD	95→											
Megane 1.9 TD	96→											
Eng. F8Q Turbo												
1870ccm 66/69kW(90/94PS)												
Kangoo 1.9 D	97→	80	IN	V885	7701 469 369	35x8x110	45	1	VV146		8x13,06x39	B
Eng. F8Q-662		4	IN	V1057	7701 468 190	35x8x110,5	45	1	VV146.1		+0,05	F
Clio 1.9 D	98→								VV146.2		+0,20	
Eng. F8Q-630												
Megane 1.9 D	99→		EX	V886	7701 469 373	31,3x8x109,8	45	1	VV146		8x13,06x39	B
Express 1.9 D	94→		EX	V1058	7701 468 193	31,5x8x110,5	45	1	VV146.1		+0,05	F
Eng. F8Q-662/640									VV146.2		+0,20	
1870ccm 103kW(140PS)												

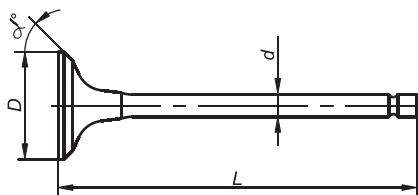
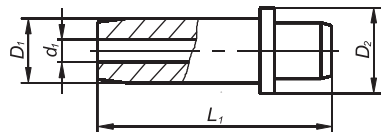
														
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE		
1	2	3	4	5	6	7	8		9	10	11	12		
RENAULT DIESEL														
Laguna 1.9 TDI/DCI	95→	80	IN	V951	7701 471 702	35,4x7x111	45	1	VV182	7700 859 086	7x12,06x38,3	B		
Megan 1.9 TDI/DCI	95→	4			7700 110 387				VV182.1		+0,05	F		
Kongoo 1.9 TDI	99→													
Clio/Espace 1.9TDI	99→		EX	V952	7701 471 703	32,6x7x110,8	45	1	VV182	7700 859 086	7x12,06x38,3	B		
Scenic 1.9DCi/DTi	99→				7700 110 389				VV182.1		+0,05	F		
Master 1.9DTi	00→													
Trafic 1.9DTi	00→													
Eng. F9Q Turbo														
1870ccm	55-79kw(80-110PS)													
Laguna 2.0 DCi	02→	84	IN	V1797	7701 476 596	27,7x6x104	45	3	VV551		6x11,04x42,4	B		
Koleos 2.0 DCi	08→	4										F		
Megane 2.0 DCi	03→													
Scenic 2.0 DCi	03→		EX	V1798	7701 476 595	26,1x6x103,8	45	3	VV551		6x11,04x42,4	B		
Vel Satis 2.0 DCi	02→											F		
Eng. M9R 700/740/760														
Eng. M9R 780/832														
1995ccm														
R18 2.1 D	79→	86	IN	V863	7701 462 232	40,2x8x111,6	45	1	VV145	7701 462 486	8x13,07x49	B		
R20 2.1 D	80-83	4			7701 461 338				VV145N		+0,03	F		
R21 Nevada 2.1D	89→													
R21 2.1 D	86-92		EX	V864	7701 461 339	33,3x8x111,6	45	1	VV145	7701 462 486	8x13,07x49	B		
R25 2.1 D	84-89				7700 663 546				VV145N		+0,03	F		
Master T28, Trafic 2.1 D	80→													
Eng. 852/J8S														
2068ccm	43-49kw(58-67PS)													
R18 2.1 TD	81→													
R20 2.1 TD	82-83													
R21 2.1 TD	86-95													
R21 Nevada 2.1 TD	89→													
R25 2.1 TD	84-92													
R30 2.1 TD														
Espace 2.1 TD	84-96													
Fuego 2.1 TD	81→													
Safrane 2.1 TD	91-96													
Master T30 2.1 TD	81→													
Eng. J8S Turbo														
2068ccm	59-65kw(80-88PS)													

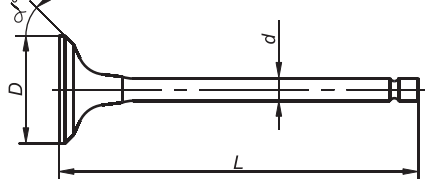
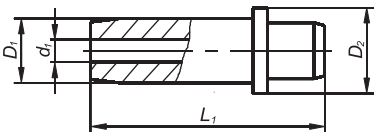
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT DIESEL												
Laguna Grandtour 2.2 TD 12V Safran, Espace 2.2 TD 12V Eng. G8T Turbo 2188ccm 61/83/85KW(83/113/116PS)	95→ 97→	87 4	IN EX	V1133 V1134	7701 469 684 7701 468 169 7701 468 170	32,2x7x117,6 31,1x7x117,6	45 45	3 3	VV203 VV203.1 VV204 VV204.1		7x12,06x42 +0,05 7x12,06x49 +0,05	B F B F
Master 2.2DCi 16V Laguna 2.2DCi 16V Espace 2.2DCi 16V Avantime 2.2DCi 16V Vel. Satis 2.2DCi 16V Grand Espace 2.2DCi 16V Eng. G9T 2188ccm 95/110kW(129/150PS)	00→ 02→ 00→ 01→ 01→ 04→	87 4	IN EX	V1279 V1280	7701 472 669 7701 472 670	30,7x6x123,1 29,5x6x123,1	45 45	3 3	VV301 VV301N2 VV301N VV301N1 VV301 VV301N2 VV301N VV301N1		6x11,04x50 +0,05 +0,15 +0,20 6x11,04x50 +0,05 +0,15 +0,20	B F B F
Master 2.5DCi 16V Trafic T27, T29 2.5DCi 16V Eng. G9U.A7 2463ccm 84/99/107kW	01→ 03→	89 4										
Vel. Satis V6 3.0DCi 24V Espace V6 3.0DCi 24V Eng. P9X.A7 2958ccm 130kW(177PS)	02→ 02→	87 V6										
Master R/Q 2.5D Eng. 8140 → No 162067 2445ccm 53kW(72PS)	81→	93 4	IN EX	V470 V470N1 V470N3 V966	7701 462 677 4 813 760 7701 462 679 4 733 349	41x8x122 +0,5S +1,0S 32,9x8x122	60 45	1 1	VV57 VV57.1 VV57.2 VV57.3 VV57.4 VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399 4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23 8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F G F

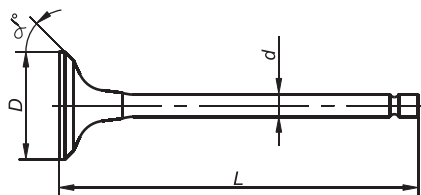
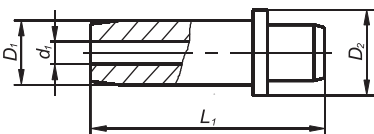
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
RENAULT DIESEL											
Master B80 2.5TDi 94→ Eng. 8140.07 Turbo Master 2.5D 93→ Eng. 8140.27 Sofim Aspirated 2499ccm 85kW(115PS)	93 4	IN	V470	4 813 760	41x8x122	60	1	VV57	4 749 395	8x13,03x56	G
			V470N1	+0,5S			VV57.1	4 749 397	+0,03	F	
			V470N3	+1,0S			VV57.2	4 749 398	+0,08		
							VV57.3		+0,18		
							VV57.4	4 749 399	+0,23		
		EX	V327	4 301 821 7 302 157	34,4x8x122	45	1	VV58	4 726 483	8x13,03x60	G
			V327N3		+1,0S			VV58.1	4 733 258	+0,03	A
								VV58.2	4 733 259	+0,08	
								VV58.3		+0,18	
								VV58.4	4 733 260	+0,23	
Safrane 2.5 TD 92→ Eng. 8144.97 2499ccm 85kW(115PS) X54 2.5i Diesel 91→ Eng. 8140.67 Master T35 2.5TD 80→ Safrane 2.5TD 92-96 Eng. S8U 2499ccm 83kW(113PS) Master T28 2.8 DT 00→ Eng. S9W 702 2798ccm 84kW(114PS)	93 4	IN	V326	7701 463 603 7701 462 678 7701 467 250	41x8x120,7	60	1	VV58	4 726 483	8x13,03x60	G
			V326N3	+1,0S			VV58.1	4 733 258	+0,03	A	
							VV58.2	4 733 259	+0,08		
							VV58.3		+0,18		
							VV58.4	4 733 260	+0,23		
		EX	V1022	7701 467 249	36,6x8x122	45	1	VV58	4 726 483	8x13,03x60	G
			V1022N3		+1,0S			VV58.1	4 733 258	+0,03	A
								VV58.2	4 733 259	+0,08	
								VV58.3		+0,18	
								VV58.4	4 733 260	+0,23	
Master R/Q 2.5D 81→ Eng. 8140.61 Nº .452001 Trafic/Master 2.5D 81→ Eng. S8U Nº .452001 2445ccm 53-83kW(72-113PS)	93 4	IN	V326	7701 463 603 7701 462 678 7701 467 250	41x8x120,7	60	1	VV58	4 726 483	8x13,03x60	G
			V326N3	+1,0S			VV58.1	4 733 258	+0,03	A	
							VV58.2	4 733 259	+0,08		
							VV58.3		+0,18		
							VV58.4	4 733 260	+0,23		
		EX	V966	7701 462 679	32,9x8x122	45	1	VV58	4 726 483	8x13,03x60	G
								VV58.1	4 733 258	+0,03	A
								VV58.2	4 733 259	+0,08	
								VV58.3		+0,18	
								VV58.4	4 733 260	+0,23	

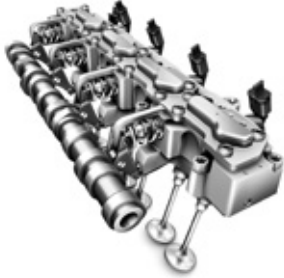
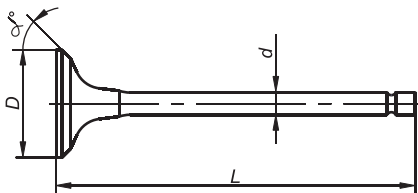
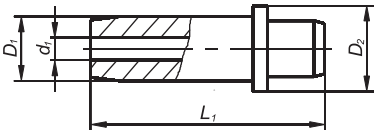
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
RENAULT DIESEL											
Master T28, T30, T35 2.4D 80→ Eng. 8140.61.2300/200 2445ccm 53kW(72PS)	93 4	IN	V326	7701 463 603	41x8x120,7 +1,0S	60	1	VV57	4 749 395	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
				7701 462 678				VV57.1	4 749 397		
				7701 467 250				VV57.2	4 749 398		
								VV57.3			
								VV57.4	4 749 399		
		EX	V326N3								
Master T28, T30, T35 2.4TD 80-98 Eng. 8140.27.2500/2510/2512/2580 2499ccm 69/72kW(94/98PS)	93 4	IN	V327	7701 203 675	34,4x8x122 +1,0S	45	1	VV58	4 726 483	8x13,03x60 +0,03 +0,08 +0,18 +0,23	G A
								VV58.1	4 733 258		
								VV58.2	4 733 259		
								VV58.3			
								VV58.4	4 733 260		
		EX	V327N3								
Safran 2.5TD 92→ Eng. 8144.97 Turbo → N° 1619921 Safran 2.5TD 92-96 Eng. S8U 2499ccm 83/85kW(113/115PS)	93 4	IN	V679	98468338	43,5x8x122 +1,0S	60	1	VV57	4 749 395	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
								VV57.1	4 749 397		
								VV57.2	4 749 398		
								VV57.3			
								VV57.4	4 749 399		
		EX	V679N3								
Master 2.5D 96→ Eng. 8140.67/67F Sofim Aspirated 2499ccm 55kW(75PS)	93 4	IN	V680	7701 467 249	36,5x8x122 +1,0S	45	1	VV57	4 749 395	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
				98418161				VV57.1	4 749 397		
								VV57.2	4 749 398		
								VV57.3			
								VV57.4	4 749 399		
		EX	V680N3								
Master 90 2.8D 99→ Eng. 8140.63 Sofim Aspirated 2798ccm 63kW(85PS)	94,4 4	IN	V681	99432837	35,9x8x122 +1,0S	45	1	VV57	4 749 395	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
								VV57.1	4 749 397		
								VV57.2	4 749 398		
								VV57.3			
								VV57.4	4 749 399		
		EX	V681N3								
Nuovo Maskott 3.0D 04→ 120.50, 160.55 2953ccm 103kW(140PS)	4	IN	V1467	7701 475 382	32x7x113,4 30x7x113,4	45	1	VV466		7x11,04x45 7x11,04x45	G P6 G P6
		EX	V1468	7701 475 381				VV466			

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
RENAULT DIESEL											
Eng. D 225-2 1700ccm 69-81 13/24kW(10/33PS)	95 2	IN	V687 V687N3		38x9x117 +1,0S	45	3	VV548	630503320034	9x16,5/15,05x58	G G
Eng. D 225-3 2550ccm 69-81 35/37kW(48/50PS)	3	EX	V688 V688N3		35x9x117 +1,0S	45	3	VV548	630503320034	9x16,5/15,05x58	G G
Eng. D 325-2 1700ccm 69-81 16/24kW(22/32PS)	2										
Eng. D 325-3 2550ccm 69-81 25/34kW(34/46PS)	3										
Eng. D 325-4 3400ccm 69-81 51kW(69PS)	4										
Eng. 712 8V Eng. 712-01-03 8V Eng. 712-01-04 8V 3320ccm 56kW(76PS)	98 4	IN	V2165	5000 044 429	46x10x140	45	1	VV569	33 123 074	10x16,05x86	G A
		IN	V2163	5000 676 255	45,8x10x140,2	60	1	VV569	33 123 074	10x16,05x86	G A
		EX	V2164	5000 676 257	39x10x140,2	45	1	VV560	33 123 076	10x16,05x67	G F

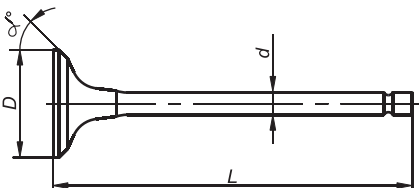
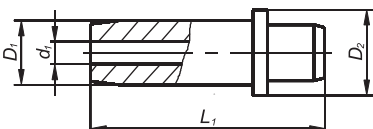
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT DIESEL												
Eng. A 4.236 3864ccm 37/65kW(50/89PS)	98,48	4	IN	V199		44,3x9,5x122,9	45	1	VV01		9,5x15,9x58	G
			IN	V199N		+0,3S			VV01N		+0,05	F
				V199N1		+0,5S			VV01N2		+0,40	
				V199N2		+0,8S						
				V199N3		+1,2S						
				V199N5		+0,5S/+0,2d						
				V199N6		+0,5d						
				V199N7		+0,2d						
				V199N9		+1,2S/+0,5d						
				V343		44,3x9,5x122,9	45	1	VV01		9,5x15,9x58	G
				V343.1		+0,075d			VV01N		+0,05	F
				V343.2		+0,4d			VV01N2		+0,40	
				V343N		+0,3S						
				V343N1		+0,5S						
				V343N2		+0,8S						
				V343N3		+1,2S						
				V343N5		+0,5S/+0,2d						
				V343N6		+0,5d						
				V343N7		+0,2d						
				V343N9		+1,2S/+0,5d						
			EX	V200		36,6x9,5x123,3	45	1	VV02		9,5x15,9x61	G
			EX	V200N		+0,3S			VV02N		+0,05	F6
				V200N1		+0,5S			VV02N2		+0,40	
				V200N2		+0,8S						
				V200N3		+1,2S						
				V200N5		+0,5S/+0,2d						
				V200N6		+0,5d						
				V200N7		+0,2d						
				V200N9		+1,2S/+0,5d						
				V344		36,6x9,5x123,3	45	1	VV02		9,5x15,9x61	G
				V344.1		+0,075d			VV02N		+0,05	F6
				V344.2		+0,4d			VV02N2		+0,40	
				V344N		+0,3S						
				V344N1		+0,5S						
				V344N2		+0,8S						
				V344N3		+1,2S						
				V344N5		+0,5S/+0,2d						
				V344N6		+0,5d						
				V344N7		+0,2d						
				V344N9		+1,2S/+0,5d						

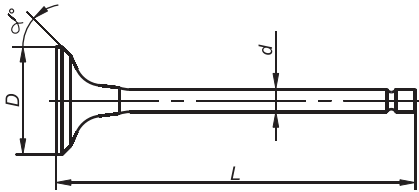
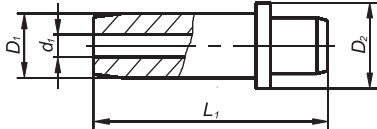
												
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT DIESEL												
Eng. D 227-4 3768ccm	70-77 46/61kW(63/83PS)	100 4	IN	V337		41x9x117	45	3	VV548		9x16,5/15,05x58	G G
Eng. D 227-6 5654ccm	70→ 63/91kW(86/124PS)	6	EX	V338		38x9x117	45	3	VV548		9x16,5/15,05x58	G G
Eng. D 327-2 1285ccm	72-77 24/27kW(32/37PS)	2										
Eng. D 327-3 2827ccm	72→ 31/48kW(42/55PS)	3										
Eng. D 327-4 3768ccm	70→ 47/55kW(64/74PS)	4										
Eng. D 226-3 3117ccm	68→ 35/44kW(48/60PS)	105 3										
Eng. D 226-4 4154ccm	68→ 44/64kW(60/87PS)	4										
Eng. D 226-6 6234ccm	69→ 74/96kW(101/131PS)	6										
Eng. 720 8V Eng. 720-12 8V 3590ccm	67-72kW(91-98PS)	102 4	IN	V2165	5000 044 429	46x10x140	45	1	VV569		10x16,05x86	G A
			IN	V2163	5000 676 255	45,8x10x140,2	60	1	VV569		10x16,05x86	G A
Eng. 798-13 12V 5490ccm	111-112kW(151-152PS)		EX	V2164	5000 676 257	39x10x140,2	45	1	VV560		10x16,05x67	G F

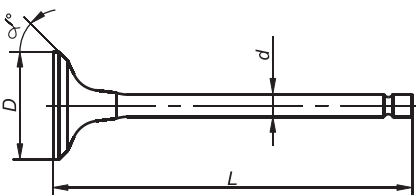
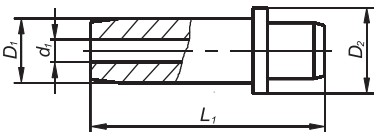
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
R.V.I.											
ENG. 8140.21 Turbo B90 2445ccm 86→ 68kW(92PS)	93 4	IN	V326	7701 463 603 7701 462 678	41x8x120,7	60	1	VV58	4 726 483	8x13,03x60	G
			V326N3		+1,0S			VV58.1	4 733 258	+0,03	A
								VV58.2	4 733 259	+0,08	
								VV58.3		+0,18	
								VV58.4	4 733 260	+0,23	
		EX	V327	7701 203 675	34,4x8x122	45	1	VV58	4 726 483	8x13,03x60	G
			V327N3	+1,0S			VV58.1	4 733 258	+0,03	A	
							VV58.2	4 733 259	+0,08		
							VV58.3		+0,18		
							VV58.4	4 733 260	+0,23		
Mascott 110.50/60 2.8 Mascott 130.55/65 2.8 ENG. 8140.43 B/C 2798ccm 78/90kW(106/122PS)	94,4 4	IN	V326	7701 030 863 7701 463 603	41x8x120,7	60	1	VV57	4 749 395	8x13,03x56	G
			V326N3	+1,0S			VV57.1	4 749 397	+0,03	F	
							VV57.2	4 749 398	+0,08		
							VV57.3		+0,18		
							VV57.4	4 749 399	+0,23		
		EX	V681	5001836573	35,9x8x122	45	1	VV57	4 749 395	8x13,03x56	G
			V681N3	+1,0S			VV57.1	4 749 397	+0,03	F	
							VV57.2	4 749 398	+0,08		
							VV57.3		+0,18		
							VV57.4	4 749 399	+0,23		

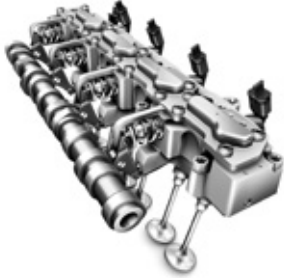
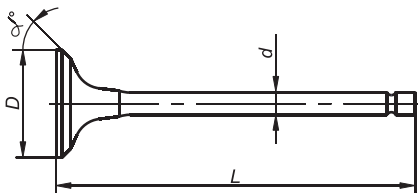
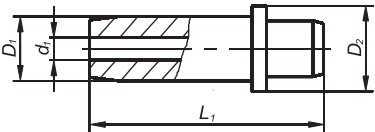
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
R.V.I.											
ENG. 4.236 3864ccm 48/60kW(59/80PS)	73→ 98,48 4	IN	V199		44,3x9,5x122,9	45	1	VV01	33261732	9,5x15,9x58	G
			V199N		+0,3S			VV01N		+0,05	F
			V199N1		+0,5S			VV01N2		+0,40	
			V199N2		+0,8S						
			V199N3		+1,2S						
			V199N5		+0,5S/+0,2d						
			V199N6		+0,5d						
			V199N7		+0,2d						
			V199N9		+1,2S/+0,5d						
		IN	V343		44,3x9,5x122,9	45	1	VV01	33261732	9,5x15,9x58	G
			V343.1		+0,075d			VV01N		+0,05	F
			V343.2		+0,4d			VV01N2		+0,40	
			V343N		+0,3S						
			V343N1		+0,5S						
			V343N2		+0,8S						
			V343N3		+1,2S						
			V343N5		+0,5S/+0,2d						
		IN	V343N6		+0,5d						
			V343N7		+0,2d						
			V343N9		+1,2S/+0,5d						
			V1941		44,2x9,5x122,8	60	1	VV01	33261732	9,5x15,9x58	G
								VV01N		+0,05	F
								VV01N2		+0,40	
		EX	V200		36,6x9,5x123,3	45	1	VV02	33261752	9,5x15,9x61	G
			V200N		+0,3S			VV02N		+0,05	F6
			V200N1		+0,5S			VV02N2		+0,40	
			V200N2		+0,8S						
			V200N3		+1,2S						
			V200N5		+0,5S/+0,2d						
			V200N6		+0,5d						
			V200N7		+0,2d						
			V200N9		+1,2S/+0,5d						
		EX	V344		36,6x9,5x123,3	45	1	VV02	33261752	9,5x15,9x61	G
			V344.1		+0,075d			VV02N		+0,05	F6
			V344.2		+0,4d			VV02N2		+0,40	
			V344N		+0,3S						
			V344N1		+0,5S						
			V344N2		+0,8S						
			V344N3		+1,2S						
			V344N5		+0,5S/+0,2d						
			V344N6		+0,5d						
			V344N7		+0,2d						
			V344N9		+1,2S/+0,5d						

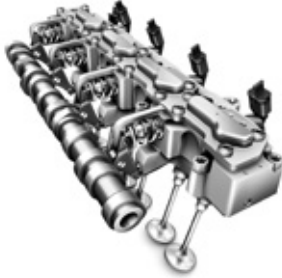
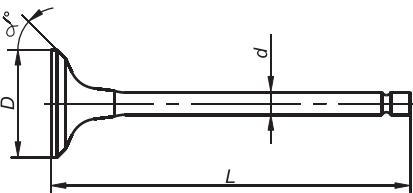
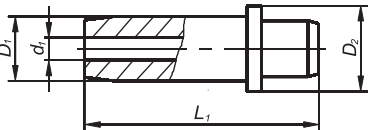
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
R.V.I.											
ENG. T4.40 4.0D S120 3990 mm 82/88kW(112/120PS)	90-92	100 4	IN	V1077 V1077N3	3142 L071	45x9,5x122,9 +1,0S	45 1	VV01 VV01N VV01N2	33261732	9,5x15,9x58 +0,05 +0,40	G F
			EX	V1078 V1078N3	3142 A051	37,5x9,5x123,3 +1,0S	45 1	VV02 VV02N VV02N2	33261752	9,5x15,9x61 +0,05 +0,40	G F6
ENG. MIDR 06.02.26 H/Q/U/V/W/X Turbo M150. M180. M200. M210 M230. G200. G210. S150. S180. PS150. PP180 6174ccm	93→	102 6	IN	V1651	5000667762	46,5x10x140,2	60 1	VV559	5000684383	10x16,05x78	G F
			EX	V1652	5000676258	40,6x10x140,2	45 1	VV560	5000684384	10x16,05x67	G F
			IN	V2163		45,8x10x140,2	60 1	VV569		10x16,05x86	G A
			EX	V2164		39x10x140,2	45 1	VV560	5000684384	10x16,05x67	G F
Midliner M 160.12/C Midliner M 160.13/14/15 Midliner S 110/130 Midliner S 150/160 Midliner S 160.09/B Eng. 797, 797-21 Eng. MIDS 06.02.12 B 5453ccm 96/76/117kW(130/103/159PS)	89-93	102 6	IN	V2163		45,8x10x140,2	60 1	VV569		10x16,05x86	G A
			EX	V2164		39x10x140,2	45 1	VV560	5000684384	10x16,05x67	G F
GG 170.11 GG 170.13/15/16/17 Midliner M 140.12/13 Midliner S 140.07/08 Midliner S 150/170 Eng. 797-10/20/26 Eng. 798, 798/10/20 Eng. MIDR 06.02.12/C/D 5490ccm 89-134kW(121-182PS)	83-90	102 6	IN	V2163		45,8x10x140,2	60 1	VV569		10x16,05x86	G A
			EX	V2164		39x10x140,2	45 1	VV560	5000684384	10x16,05x67	G F
Midlum 180.08/B Midlum 180.10/B Eng. MIDR 06.02.26 V/4 6177ccm 132kW(180PS)	00→	102 6	IN	V2163		45,8x10x140,2	60 1	VV569		10x16,05x86	G A
			EX	V2164		39x10x140,2	45 1	VV560	5000684384	10x16,05x67	G F

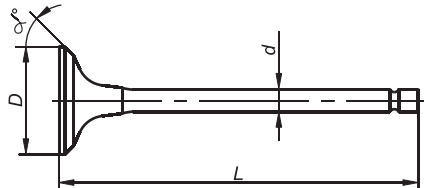
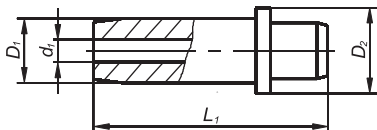
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
R.V.I.												
Midliner M 180.12/C Midliner M 180.15/D Midliner S 180.08/A Midliner S 220.11Ti Midliner S 220.13Ti/T Midliner S 220.14Ti/T Eng. MIDR 06.02.26 Eng. MIDR 06.02.26 V/41 6180ccm 159/132kW(216/180PS)	96-00 96-00 96-00 87-90 87-90 87-90	102 6	IN EX	V2163 V2164		45,8x10x140,2 39x10x140,2	60 45	1 1	VV569 VV560		10x16,05x86 10x16,05x67	G A G F
OM 926.925 18V 7201ccm 215/220kW(292-299PS)		106 6	IN IN EX	V1221 V1223 V1222		34x8x125,9 34x8x128,9 38x8x152,7	70 70 45	1 1 1	VV295 VV295N VV295 VV295N VV337 VV337N VV295 VV295N		8x13,05x60 +0,05 8x13,05x60 +0,05 8x14,05x60 +0,05 8x13,05x60 +0,05	G F G F G F G F
ENG. D0846 S45, S53, S105 7030ccm 118kW(160PS)	80-94	108 6	IN EX	V1301 V1302	5000280785 5000816454 5000280784 5000816455	52x11x155,1 43x11x155,5	45 45	1 1	VV313 VV314	51 03201 0014 51 03201 0012	11x18,04x81 11x18,04x70	G A2 G A2
ENG. MID 06.20.30 ENG. MIDR 06.20.30 ENG. MIDS 06.20.30 ENG. MIDS 06.20.30N/P 8820ccm 141-194kW(192-264PS) ENG. MID 06.20.45 ENG. MIDR 06.20.45 A/B/D/E/H ENG. MIDS 06.20.45 ENG. MIDS 06.20.45 B/D/J ENG. MIPS 06.20.45 9839ccm 152-265kW(207-360PS)	81-86 82-90 83-93 85→ 93→	120 6	IN EX	V1653 V1654	5000663529 5000663469	54x9x163,3 48x9x163,1	60 45	1 1	VV507 VV507N VV508 VV508N VV508 VV508N VV568 VV568N	50 10 359 098 00 00 157 983 00 00 157 983 50 10 359 099	9x17,04x78 +0,05 9x17,04x78 +0,05 9x17,04x78 +0,05 9x17,53x78 +0,05	G A G F G F G F

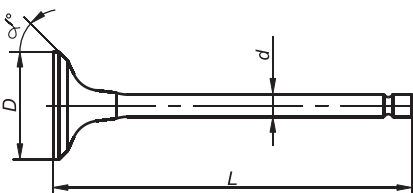
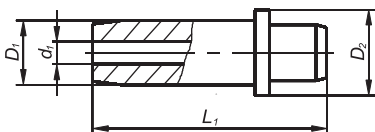
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
R.V.I.												
ENG. D2156 MTNS Turbo SM 260/280 SH 280T 10350ccm 210kW(285PS)	74→	121 6	IN EX	V339 V304	5000 278 461 51 04101 0379 5000 046 567 51 04101 0373	55,9x12x148,9 48,9x12x148,5	60 45	1 1	VV19 VV20	51 03201 0047 51 03201 0075	12x20,06x78 12x20,06x69	G F G F
ENG. D2356 HM 6DK SM 260 HT/MT/V 10350ccm 173kW(235PS)	74→	123 6	IN EX	V690 V406	5000 046 569 51 04101 0349 5000 046 570 51 04101 0364	56,9x12x148,9 51,9x12x148,5	45 45	1 1	VV19 VV20	51 03201 0047 51 03201 0075	12x20,06x78 12x20,06x69	G F G F
Eng. DXi 11 370 Euro 4/5 Eng. DXi 11 410 Euro 4/5 Eng. DXi 11 450 Euro 4/5 10800ccm	05→ 05→ 05→	123 6	IN EX	V1879 V1880	 38x8x192,7	40x8x192 38x8x192,7	60 60	3 3	VV487 VV487N VV487 VV487N	 8x15x83,4 +0,05 8x15x83,4 +0,05	 8x15x83,4 +0,05	G F G F
ENG.DCI 11C/E/G Euro 3 Kerax 320, 370, 420 24V Premium 320, 370, 420 24V Midlum 150 24V 1112ccm 112/229/266/303kW	01→ 00→ 00→	123 6	IN EX	V1417 V1418	5010359501 5010412164	42x8x185,5 38x8x185,5	60 45	1 1	VV328 VV328	50 1055 0145 50 1055 0145	8x14,03x80 8x14,03x80	G F G F
Magnum Euro Tech 400/400T Euro Tech 440/440T Euro Tech 480/480T	00→	124 6	IN EX	V1729 V1730	5010284847 5010284848	43x9,5x179,2 39,9x9,5x177,5	70 60	8 8	VV473 VV473	5010284732 5010284732	9,5x17,49x80 9,5x17,49x80	G F G F
Magnum Eng. Mack AE500/AE520		8	IN EX	V2347 V2348	5000824990 5000824991	44,9x9,5x173,8 42x9,5x172,8	70 60	8 8				
ENG.MIDR 635.40/G/H/H2/L1/N3 Turbo 12024ccm 275kW(374PS)	91→	135 6	IN EX	V1353 V1354	5000 678 873 5000 678 652	60x12x204,4 52x12x205,1	60 60	1 1				
ENG.MIDR 635.40 J1/J3 420 Ti Turbo 12024ccm 305kW(415PS)	92→											

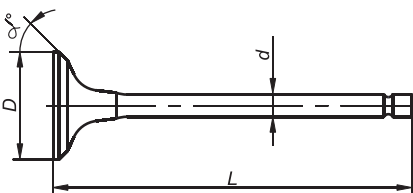
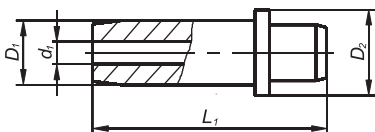
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ROLLS-ROYCE												
Silver Seraph 5.4 Eng. M73 B54 5379ccm 240kW(326PS)	98→	85 12	IN	V1177		42x7x104	45	3	VV188 VV188.1 VV188.2 VV188.3 VV188.4		7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F
			EX	V1178		36x7x103	45	3	VV188 VV188.1 VV188.2 VV188.3 VV188.4		7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F
ROMAN DIESEL												
Series 10.215 Eng. D 2156 HMN 8 10344ccm 159kW(216PS)	73-75	121 6	IN	V303		55,9x12x148,9	45	1	VV19		12x20,06x78	G F
			EX	V304		48,9x12x148,5	45	1	VV20		12x20,06x69	G F
Series 11.154 Eng. D 2156 HTN 8 10344ccm 188kW(256PS)	82-88	121 6	IN	V339		55,9x12x148,9	60	1	VV19		12x20,06x78	G F
			EX	V304		48,9x12x148,5	45	1	VV20		12x20,06x69	G F
ROTAX												
	4		IN	V2219		31x5x91	45	3	VV589		5x11,07x37	G F
			EX	V2220		27x5x89,4	45	3	VV589		5x11,07x37	G F
			IN	V2369		38x6x90,3	45	3				
			EX	V2370		30,9x6x90,6	45	3				

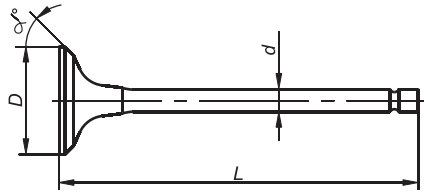
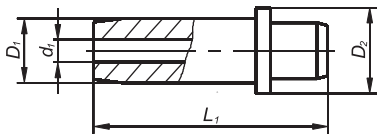
											
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ROVER											
100 Metro GTi, GTa 1.4i 16V 214 Si, SLi, GSi 1.4i 16V 114, 414 Si, SLi 1.4i 16V 200, 400 Si 1.4i 16V 25, 45 1.4i 16V 75 1.4i 16v Eng. 14K4D, 14K4F 1396ccm 66/70/76kW(90/95/103PS)	80→ 93→95 90→ 01→ 99→	75 4 EX	IN V1330	LGH 10029 LGH 10028 LGH 100820	27,7x6x89,6 24,2x6x90	45 45	1 1	VV269 VV269N VV269 VV269N	WAM 1452 WAM 1452	6x9,85x30 +0,05 6x9,85x30 +0,05	G A G A
216 Si, SLi 1.6i 16V 416 Si, SLi, ESi 1.6i 16V 200, 400 Si 1.6i 16V 25, 45 1.6i 16V Eng. 16K4F, K16EFi 1588ccm 81kW(110PS)	96→ 95→ 01→	80 4									
25, 45, 75 1.8i 16V Freelander 1.8i 16V Eng. 18K4F 1796ccm 88kW(120PS)	01→										
216i 1.6i 16V 416i 1.6i 16V Eng. D16A8/A9 1590ccm 90/96kW(112/135PS)	90→96 90→98	75 4 EX	IN V1016	14711-PG6-000 14712-PG6-000	30x6,6x105,5 27x6,6x104,6	45 45	1 1				
100 Metro 1.1 111 SLi, GSi, SEi 1.1 200, 211 1.1 25 1.1 Eng. 11K2 A/B/C/D/F 1113ccm 44kW(59PS)	90→ 90→ 95→ 01→	75 4 EX	IN V1432	WAM 4002 WAM 4003	33,6x7x90,5 31,2x7x91	45 45	1 1	VV334 VV334N VV334 VV334N	WAM 4227 WAM 4227	7x12,03x32 +0,05 7x12,03x32 +0,05	G A G A
100 Metro GS 1.4 114 GSi, GTi, SLi 1.4 214 S 1.4 414 1.4 25 1.4 Eng. 14K2 A/B/C/D/F 1396ccm 56kW(76PS)	90→ 90→ 90→96 96→ 01→										

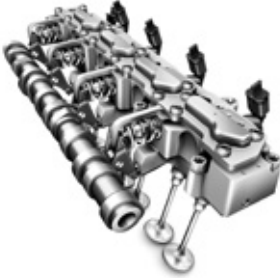
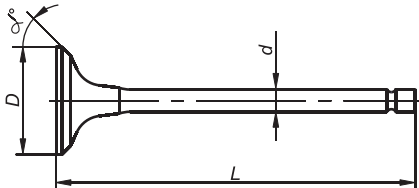
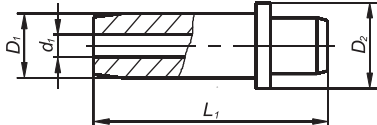
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ROVER											
216i, GSi, GTi 1.6i 16V 416i, GSi/GTi 1.6i 16V Eng. ZC1/D16A7 HONDA 1590ccm 82/99kW(112/135PS)	90→ 90-96	75 4	IN EX	V1529 FDU 1485 14711-PM3-000 V1530 FDU 1487 14721-PM3-000	29x5,5x115 24,9x5,5x118,7	45 45	1 1	VV347 VV347N VV348 VV348N	12204-PJ7-305 12205-PJ7-305	5,5x11,06x47,5 +0,05 5,5x11,06x54 +0,05	G P G P
Mini One 1.6i Mini Cooper 1.6i Eng. BMW-RSO Tritec 1596ccm 66/85kW(90/115PS)	00→	4	IN EX	V1705 1134 1 485 585 V1706 1134 7 829 943	30,3x6x109,5 23,3x6x118,3	45 45	3 3				
25, 45 1.6i 16V 216,416 1.6i 16V Eng. 16K4-K16 Honda 1588ccm 85kW(115PS)	00→ 95-99	80 4	IN EX	V1503 LGH 101310 V1504 LGH 101330	30x5,5x118,7 26x5,5x116	45 45	1 1	VV347 VV347N VV347 VV347N		5,5x11,06x47,5 +0,05 5,5x11,06x47,5 +0,05	G P G P
Rover 25 1.8i 16V Rover 45 1.8i 16V Rover 75 1.8i 16V Rover 200 Vi 1.8i 16V Rover 218 1.8i 16V Rover 418 1.8i 16V Eng. 18K4K (VVC) DOHC 1796ccm 86kW(116PS)	99→ 00→ 99→ 99→ 00→ 00→	80 4	IN EX	V1331 LGH 10064 V1332 LGH 10065	31,5x6x89,6 27,5x6x90	45 45	1 1	VV415 VV415N VV416 VV416N VV415 VV415N	LGJ 10034 LGJ 10033 LGJ 10034	6x9,89x30 +0,05 6x10,14x30 +0,05 6x9,89x30 +0,05	G A1 G A12 G A1
Rover 45 2.0i 24V Rover 75 2.0i 24V Rover MG75 2.0i 24V Eng. 20K4F 1991ccm 110kW(150PS)	99→ 99→ 99→	80 V6						VV416 VV416N	LGJ 10033	6x10,14x30 +0,05	G A12
Rover 825 2.5i 24V Rover 75 2.5i 24V Rover MG75 2.5i 24V Freelander 2.5i 24V Eng. 25K4F 2497ccm 130kW(177PS)	99→ 99→ 99→ 01→										

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ROVER												
Defender 10 2.8i 24V Eng. M52 B28 TU 2793ccm 142kW(193PS)	90-01	84 6	IN	V1131		32,9x6x106,1	45	3	VV202 VV202.1 VV202.2 VV202.3		6x12,56x43,5 +0,05 +0,10 +0,20	B F
Range Rover III 4.4i 32V Eng. M62 B44 TU 4398ccm 210kW(286PS)	02→	92 8	EX	V1132		30,4x6x105,7	45	3	VV202 VV202.1 VV202.2 VV202.3		6x12,56x43,5 +0,05 +0,10 +0,20	B F
Discovery 2.0 Mpi 16V 220 2.0 16V Turbo 420VVC 2.0 16V Turbo 620Ti 2.0 16V Turbo 820 Si/SLi 2.0 16V Turbo Eng. 20T4H/T16.4 1996ccm 100kW(136PS)	93→ 91→ 96→	84,5 4	IN EX	V1655 V1656	LGH 101060 LGH 10020 LGH 101000	31,9x7,1x110,8 29,4x7,1x110,8	45	1 1	VV557 VV558	LGJ100540 LGJ100550	7,1x12,10x46,8 7,1x12,10x51,2	G A3 G A36
600 620i 16V 600 620Si 16V Eng. F20Z1, F20Z2 1997ccm 96/85kW(131/115PS)	93-96 93-96	85 4	IN EX	V1529 V1530	14711-PM3-000 14721-PM3-000	29x5,5x115 24,9x5,5x118,7	45	1 1	VV347 VV347N VV348 VV348N	12204-PJ7-305 12205-PJ7-305	5,5x11,06x47,5 +0,05 5,5x11,06x54 +0,05	G P G P
Range Rover 4.4 32V Eng. M62 B44 4398ccm 210kW(286PS)	02→	92 V8	IN EX	V1281 V1282	1134 1 736 549 1134 1 741 231	34,9x6x104,1 30,4x6x103,6	45	3 3	VV202 VV202.1 VV202.2 VV202.3 VV202 VV202.1 VV202.2 VV202.3	1112 1 735 534 1112 1 735 534	6x12,56x43,5 +0,05 +0,10 +0,20 6x12,56x43,5 +0,05 +0,10 +0,20	B F B F
Discovery 1 3500ccm Discovery 2 3900ccm Defender 4000ccm Range Rover 4600ccm		V8	IN EX	V2323 V2324	LGH000030 LGH000040	39,9x8,7x117 24,3x8,7x117	45	9 9				

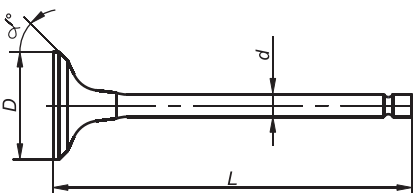
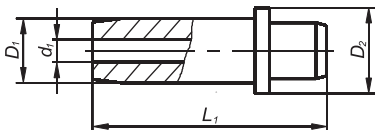
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ROVER												
Range Rover Sport Discovery III Eng. 448S2 4400ccm	02→	V8	IN	V2325	4646005 LR002447	34,8x5x105,3	45	1				
			EX	V2326	4646004	30,9x5x105,1	45	1				
ROVER DIESEL												
Mini One 1.4 TDi Eng. 1ND TV Toyota 1364ccm	03→	71 4	IN	V1487	1134 7 791 054	30,6x6x100	45	1	VV374	11122-30020	6x11,09x40,6	G P
			EX	V1488	1134 7 791 055	28x6x99,8	45	1	VV374	11122-30020	6x11,09x40,6	G P
Rover 114 1.4D Metro 1.4 CD/LD/SD Eng. TUD3, TUD3Y-SOHC 1361ccm	92→ 92-95	75 4	IN	V809 V809N3	95 638 449	35,5x7x108,4 +1,0S	45	1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F
			EX	V810 V810N3	95 638 450	30,6x7x108,2 +1,0S	45	1	VV210 VV210.1 VV210.2		7x13,07x42,8 +0,05 +0,20	B F
Rover 115 1.5 SD/SLD Eng. TUD5, SOHC/OHC 1527ccm	95→	77 4	IN	V1089 V1089N1	0948.74	37x7x108,5 +0,5S	45	1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F
			EX	V1090 V1090N1	0949.80	31,5x7x108,2 +0,5S	45	1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F
Land Rover Discovery 2.5DT Range Rover 2.5TD Eng. M51D25/D256TM-BMW 2497ccm	94→ 94→	80 6	IN	V939	STC 2156	35,9x6x103,7	45	3	VV162 VV162.1 VV162.2	1112 1 244 464	6x12,56x39,5 +0,05 +0,10	B F
			EX	V940	STC 2149	30,9x6x103,5	45	3	VV162 VV162.1 VV162.2	1112 1 244 464	6x12,56x39,5 +0,05 +0,10	B F

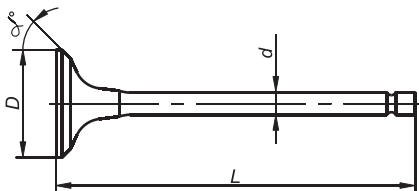
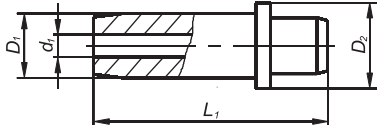
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ROVER DIESEL												
Rover 218 1.8TD Rover 418 1.8TD Tourer 1.8TD Eng. XUD7 TE Turbo 1769ccm	91-96 91-96 96→ 65kW(88PS)	80 4	IN EX EX	V721A V721N1 V721N3 V710 V710N1 V710N3 V722 V722N1 V722N3	LGH 10051 LGH 10052 LGH 10054	38,5x8x112,4 +0,5S +1,0S 33x8x111,9 +0,5S +1,0S 33x8x111,9 +0,5S +1,0S	45 45 45	1 1 1	VV187 VV187.1 VV187 VV187.1 VV187 VV187.1	 8x14,06x48 +0,05 8x14,06x48 +0,05 8x14,06x48 +0,05	B F B F B F	
Rover 218 1.9D/TD Rover 418 1.9D/TD Eng. XUD9 A 1905ccm	91-96 91-96 49/65kw(66/88PS)	83 4	IN EX EX	V721 V721N1 V721N3 V710 V710N1 V710N3 V722 V722N1 V722N3	LGH 10053 LGH 10052 LGH 10054	38,5x8x112,4 +0,5S +1,0S 33x8x111,9 +0,5S +1,0S 33x8x111,9 +0,5S +1,0S	45 45 45	1 1 1	VV186 VV186.1 VV186.2 VV186 VV186.1 VV186.2 VV186 VV186.1 VV186.2	0220.75 0220.65 0220.75 0220.65 0220.75 0220.65	8x14,06x52 +0,05 +0,20 8x14,06x52 +0,05 +0,20 8x14,06x52 +0,05 +0,20	B A B A B A
Rover 75 2.0 CDTi 16V Eng. 204D2, M47R, BMW 1951ccm	99→ 85/96kW(115/131PS)	84 4	IN EX	V994 V994	LGH 101450 LGH 101450	26x6x99,9 26x6x99,9	45 45	3 3	VV247 VV247.1 VV247 VV247.1	 6x11,55x39 +0,05	B A B A	
Freelander 2.0 Td4 16V Eng. 204D3, M47D20 BMW 1951ccm	01→ 85kW(115PS)											
Freelander 2.2 Td4 16V 2179ccm	06→ 118kW(160PS)											
Range Rover 3.0 Td6 24V Eng. 306D1, M57D30 BMW 2926ccm	02→ 135/142kW(184/193PS)	84 6	IN EX	V994 V994	LGH 101450 LGH 101450	26x6x99,9 26x6x99,9	45 45	3 3	VV247 VV247.1 VV247 VV247.1	 6x11,55x39 +0,05 6x11,55x39 +0,05	B A B A	

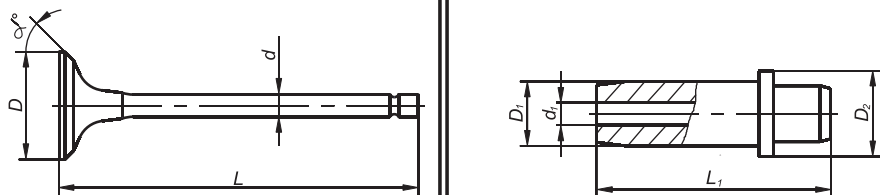
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
ROVER DIESEL											
Maestro Clubman DLX 2.0D 86-92 Eng. Prima 65 1994ccm 46kW(63PS)	84,4 4	IN EX	V1489 V1490	LGH 10036 BDU 1399 LGH 10037 BDU 1400	37,2x7,4x93,8 33,6x7,4x93,8	45 45	1 1	VV366 VV366N VV366 VV366N	CAM5821 CAM5821	7,4x12,06x39 +0,05 7,4x12,06x39 +0,05	G A1 G A1
Montego DL/DSL 2.0TD 80 TD 2.0 TD 87-→ Eng. Prima 80T Turbo 1994ccm 60kW(82PS)	88-92 87-→										
Rover 200 2.0 TDi 16V Rover 400 2.0 TDi 16V 1994ccm 77kw(105PS) 25, 45 2.0 TDi 16V Freelander 2.0 TDi 16V Rover 220 2.0 D/SDi 16V Rover 420 2.0 D/SD,Di, GSDi, SLDi 16V Rover 620 2.0 GSDi 16V Eng. 20T2 N/R Turbo 1994ccm 63/77kw(85/105PS)	95-→ 95-→ 77kw(105PS) 00-→ 98-→ 96-→ 95-→ 96-→	84,5 4 									

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ROVER DIESEL											
Range Rover 2.0TD Land Rover 2.0TD Santana 2.0TD 1986ccm 84kW(114PS)	86→ 86→ 86→ 84kW(114PS)	92 4	IN	V1167	AEU 2296	40,2x8x121	55	1	VV411 VV411.1 VV411.2 VV521 VV521.1 VV521.2	8x14,06x55 +0,03 +0,18	G A
Range Rover 2.4 TD Eng. VM 492 HT Turbo 2393ccm 67kW(91PS)	90→		EX	V1168	LGH 10041	34x8x121	45	1	VV411 VV411.1 VV411.2 VV521 VV521.1 VV521.2	8x14,06x55 +0,03 +0,18	G A
Range Rover 2.5 TD Rover 825 D/SD/SLD 2.5 TD Eng. VM84A, VM 492 HR/HS Turbo 2498ccm 87kW(118PS)	90→ 90→										
Range Rover Sport Discovery III 3600ccm	02→	V8	IN	V1725	1311281	27,7x6x97,1	45	3			
			EX	V1726	1316137 1520918	25,2x6x96,4	45	3			
RUGGERINI											
Motore RD 80		1	IN	V661	960.022	30,5x9x105	45	1	VV89 VV89N	464 039	9x15,03x45 +0,1 G A13
			EX	V662	960.023	30,5x9x105	45	1	VV90 VV90N	464 040	9x15,03x45 +0,1 G A12
Motore RD 85		1	IN	V663	960.016	35x9x105	45	1	VV89 VV89N	464 039	9x15,03x45 +0,1 G A13
			EX	V664	960.015	35x9x105	45	1	VV90 VV90N	464 040	9x15,03x45 +0,1 G A12
MD 300 – MD 350		3	IN	V1083	960.58	37x7x84,5	45	1			
			EX	V1084	960.59	33x7x84,5	45	1			
RF 80 – 90 RD 180		1 2	IN	V425	960.49	33x7x95	45	1	VV228		7x13x39 G F1
			EX	V426	960.50	30x7x95	45	1	VV228		7x13x39 G F1

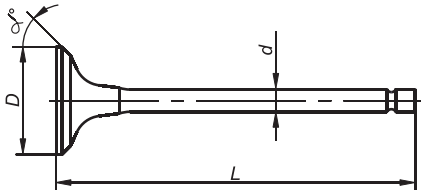
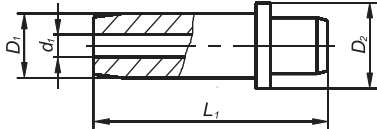
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1	2	3	4	5	6	7	8	9	10	11	12
SAAB											
9 - 3 1.8i 16V Eng. Z18XE 1769ccm 92kW(125PS)	01→	80,5 4	IN	V1003	905360095 641 048	31,2x5x101,4	45 3	VV223 VV223.1	9158589	5X10,04X39 +0,03	G F
			EX	V1004	90536164 641 357	27,5x5x100,8	45 3	VV223 VV223.1	9158589	5X10,04X39 +0,03	G F
900 SE/Coupe 2.5 24V 900 SE/Cabrio 2.5 24V Eng. B258 2498ccm 125kW(170PS)	93→ 93→	81,6 V6	IN	V511	45 00 849	32x6x102,1	45 3	VV163 VV163.1		6x10,04x45 +0,03	G F
			EX	V512	45 00 864	29x6x92,2	45 3	VV163 VV163.1		6x10,04x45 +0,03	G F
9000 CSE/CDE 3.0 24V 9000 Griffin 3.0 24V Eng. X30XE/B308i 2962ccm 155kW(211PS)	94→ 94→	86 V6									
9 - 3 Sport 2.0T 16V Eng. B207R 1998ccm 154kW(210PS)	02→	86 4	IN	V1069	12786696 641 063	35,1x6x102,3	45 3	VV461 VV461N	9006082	6x10,04x36 +0,05	G A
			EX	V1070	12791961 641 376	30,1x6x100,9	45 3	VV461 VV461N	9006082	6x10,04x36 +0,05	G A
900 I 2.0i Turbo 16V Eng. 202L 1985ccm 118/121kW(160/165PS)	84-93	90 4	IN	V1945	7484801 7562002	32x7x108,3	45 3	VV503 VV503N	7560154	7x12,05x49,2 +0,05	G F
			EX	V1946	7500085 9165598	29x7x108,3	45 3	VV503 VV503N	7560154	7x12,05x49,2 +0,05	G F
9000 2.0i Turbo 16V Eng. B 202 T 1985ccm 127/129kW(172/175PS)	84-86										
9000 2.0i Turbo 16V Eng. B 202 L 1985ccm 118/121kW(160/165PS)	84-93										
9-3 2.0i 16V Eng. B 204 I 1985ccm 96kW(130PS)	98-00										

												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SAAB												
900 I 2.0i 16V	88-93	90	IN	V1945	7484801	32x7x108,3	45	3	VV503	7560154	7x12,05x49,2	G
900 II 2.0i 16V	94-98	4			7562002				VV503N		+0,05	F
900 III 2.0i 16V	93-98											
Eng. B 204 I			EX	V1946	7500085	29x7x108,3	45	3	VV503	7560154	7x12,05x49,2	G
1985ccm	96kW(131PS)				9165598				VV503N		+0,05	F
9.3 2.0i Turbo 16V	98-00	90	IN	V1947	9165580	33x7x107,8	45	3	VV503	7560154	7x12,05x49,2	G
900 II 2.0i Turbo 16V	93-98	4							VV503N		+0,05	F
9000 2.0i Turbo 16V	93-98											
Eng. B 204 L									VV561	9185612	7x12,05x43	G
1985ccm	136kW(185PS)											F
9000 2.3i 16V	89-93		EX	V1946	7500085	29x7x108,3	45	3	VV503	7560154	7x12,05x49,2	G
Eng. B 234					9165598				VV503N		+0,05	F
2290ccm	107/114kW(146/155PS)								VV561	9185612	7x12,05x42,7	G
9 - 3 2.3i 16V	98-00											F
900 II 2.3i 16V	93-98											
9000 2.3i 16V	93-98											
Eng. B 234 I												
2290ccm	108/118kW(147/160PS)											
9000 2.3i Turbo 16V	92-98											
Eng. B 234 R												
2290ccm	165kW(224PS)											
9-3 B205-E-R-L / B235-R	98→		IN	V2353	9185851	33,1x5x107,5	45	3				
9-5 B205-E-R-L / B235-R			EX	V2354	9179219	29x5x107,9	45	3				
Eng. B205E					9399965							
2000ccm												
Eng. B235R												
2300ccm												
Eng. Vortec 256C.I.	09→		IN	V2279	12601763	38,6x6x105,8	45	3				
2921/3651/4200ccm		4										
		6	EX	V2280	12601762	33,5x6x107,9	45	3				

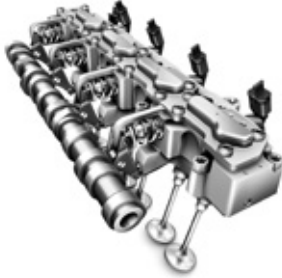
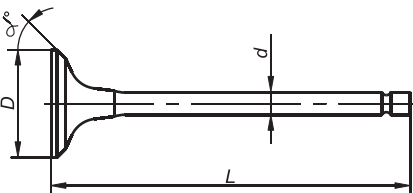
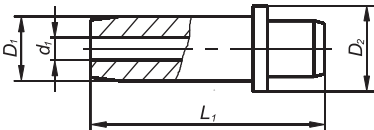
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SAAB DIESEL												
9 – 3 1.9TiD Eng. Z19DT 1910ccm 88kW(120PS)	04→	82 4	IN	V1033	641 083	35,5x8x115	45	3	VV260	7 565 472	8x14,04x43	G
									VV260.1	46 433 782	+0,03	F
									VV260.2	46 433 783	+0,08	
									VV260.3	7 565 473	+0,18	
									VV260.4	46 433 784	+0,23	
			EX	V1034	641 089	34,5x8x115	45	3	VV260	7 565 472	8x14,04x43	G
									VV260.1	46 433 782	+0,03	F
									VV260.2	46 433 783	+0,08	
									VV260.3	7 565 473	+0,18	
									VV260.4	46 433 784	+0,23	
9 – 3 1.9TDi 16V 9 – 5 1.9 TDi 16V Eng. Z19DT/DTH 1910ccm 110kW(150PS)	04→ 06→	82 4	IN	V1415	641 074	27,8x6x114,4	45	3	VV459		6x11,04x47	G
									VV459.1	93178836	+0,03	F
									VV459.2	93178838	+0,23	
			EX	V1416	641 386	25,8x6x114,4	45	3	VV459		6x11,04x47	G
									VV459.1	93178836	+0,03	F
									VV459.2	93178838	+0,23	
9 – 3 2.2 TDi 16V 9 – 5 2.2 TDi 16V Eng. X22 DTH/D223L 2171ccm 85kW(116PS)	98→ 02→	84 4	IN	V953	4772380	29x6x97,1	45	3	VV163	4770269	6x10,04x45	G
									VV163.1		+0,03	F
			EX	V954	4772414	26x6x97,1	45	3	VV163	4770269	6x10,04x45	G
									VV163.1		+0,03	F
9 – 5 3.0TiD V6 24V Eng. Y30DT 2958ccm	01→	87,5	IN	V1779		27,5x6x98,5	45	1	VV482	642 060	6x11,06x42	G P
			EX	V1780		26,5x6x98,1	45	1	VV482	642 060	6x11,06x42	G P
SACM												
MGO V12 ASH /VARTSILA/ 642/643	60-67		IN	V473	DLT 55651	56,6x12x212,4	60	1	VV83		12x22,04x103	G F1
			EX	V474	DLT 55863	51,2x12x212,1	45	1	VV83		12x22,04x103	G F1
SAMAND												
SAMAND EF7 NEW			IN	V2377		31,2x5,5x109,3	45	3				
			EX	V2378		26,6x5,5x109,3	45	3				

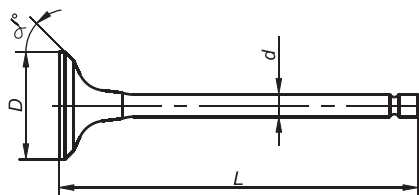
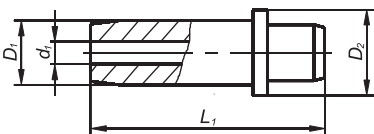
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SAME											
Diamond 215 Eng. BF 6M 1013 FC Euro 3 7146ccm 147/200kW(200/272PS)	108 6	IN	V1525		48x9x139	60	3	VV359		9x15,03x62,8	G A4
		EX	V1526		42x9x139	45	3	VV359		9x15,03x62,8	G A4
SAURER											
ENG.D2KT Type D330 11900ccm 224kw(304PS) ENG.D2K Type D250 12500ccm 172kw(233PS)	130 6	IN	V1285	463 0051 150	43,9x10x166,9	45	1	VV293		10x17,03x77,5	G A
		IN	V1287	463 0051 160	43,9x10x166,9	45	1	VV293		10x17,03x77,5	G A
		EX	V1286	463 0005 141	38,9x10x166,9	45	1	VV294		10x17,03x67,5	G A
SAVIEM											
Eng. 712.01 8V Eng. 712.03, 712.04 8V Eng. 712-01-01 8V Eng. 712-01-04 8V 3320ccm 51-68kW(70-92PS)	98 4	IN	V2163		45,8x10x140,2	60	1				
		EX	V2164		39x10x140,2	45	1				
Eng. 712-01-03 8V 3320ccm 56kW(73PS)	98 4	IN	V2165	5000 044 429	46x10x140	45	1	VV569		10x16,05x86	G A
		IN	V2163		45,8x10x140,2	60	1	VV569		10x16,05x86	G A
	EX	V2164		39x10x140,2	45	1	VV560		10x16,05x67	G F	
Eng. 720-12 8V 3595ccm 65kW(85PS)	102 4	IN	V2165	5000 044 429	46x10x140	45	1	VV569		10x16,05x86	G A
		IN	V2163		45,8x10x140,2	60	1	VV569		10x16,05x86	G A
	EX	V2164		39x10x140,2	45	1	VV560		10x16,05x67	G F	

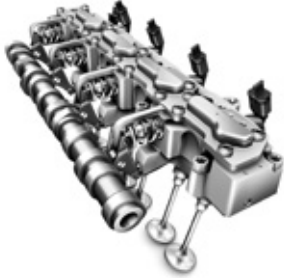
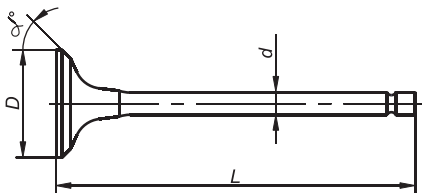
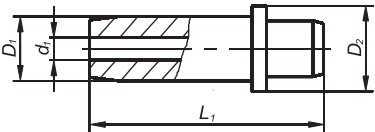
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SAVIEM											
Eng. 720 8V Eng. 720-01/02/08 8V 3596ccm 66/74kW(89/100PS)	102 4	IN	V2163		45,8x10x140,2	60	1	VV569		10x16,05x86	G A
		EX	V2164		39x10x140,2	45	1	VV560		10x16,05x67	G F
Eng. 797 12V 5489ccm 98-110kW(133-150PS)	102 6	IN	V2165	5000 044 429	46x10x140	45	1	VV569		10x16,05x86	G A
		IN	V2163		45,8x10x140,2	60	1	VV569		10x16,05x86	G A
		EX	V2164		39x10x140,2	45	1	VV560		10x16,05x67	G F
Eng. 797.02 12V Eng. 797.03 12V Eng. 797.04 12V 5489ccm 100kW(136PS)	102 6	IN	V2163		45,8x10x140,2	60	1				
		EX	V2164		39x10x140,2	45	1				
Eng. 797-10 Eng. 797-13 5490ccm 98/111kW(135/151PS)											
Eng. 798-10 12V 5490ccm 111kW(151PS)	102 6	IN	V2163		45,8x10x140,2	60	1	VV569		10x16,05x86	G A
		EX	V2164		39x10x140,2	45	1	VV560		10x16,05x67	G F
SM 10 69→ Eng. D 0846 HMN 2 7252ccm 118kW(160PS)	108 6	IN	V1301		52x11x155,1	45	1	VV313		11x18,04x81	G A2
		EX	V1302		43,1x11x155,5	45	1	VV314		11x18,04x70	G A2
E 110 66-75 Eng. 2156 HMN 6 Eng. 2156 HM 6 74-75 10344ccm 173/169kW(235/230PS)	121 6	IN	V303		55,9x12x148,9	45	1	VV19		12x20,06x78	G F
		EX	V304		48,9x12x148,5	45	1	VV20		12x20,06x69	G F
SM 260 74-78 Eng. D 2156 MTN 5 10344ccm 188kW(256PS)	121 6	IN	V339		55,9x12x148,9	60	1	VV19		12x20,06x78	G F
		EX	V304		48,9x12x148,5	45	1	VV20		12x20,06x69	G F

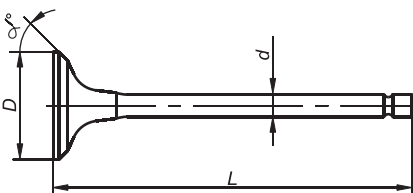
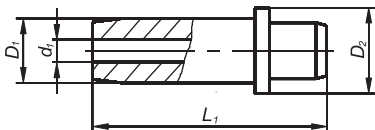
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SAVIEM												
SM 260 MT Eng. D 2356 HM 6 DK Eng. D 2356 HMN 5 10690ccm 173kW(235PS)	74-80 6	123 6	IN EX	V405 V406	 58x12x148,9 51,9x12x148,5	45 45	1 1	VV19 VV20	 12x20,06x78 12x20,06x69	 12x18,04x64 +0,05 +0,20 +0,40 12x18,04x64 +0,05 +0,20 +0,40 12x18,04x64 +0,05 +0,20 +0,40 12x18,04x64 +0,05 +0,20 +0,40	G F G F G F G F	
15 168 Eng. D 2555 M 9199ccm 124kW(168PS)	73-77 6	125 6	IN IN IN EX	V461 V455 V455N1 V455N3 V691 V456 V456N1 V456N3	 58x12x142,5 +0,5S +1,0S 58x12x142,5 51x12x142,5 +0,5S +1,0S	45 60 45 45	1 1 1 1	VV23 VV23N VV23.1 VV23.2 VV23 VV23N VV23.1 VV23.2 VV23 VV23N VV23.1 VV23.2	 12x18,04x64 +0,05 +0,20 +0,40 12x18,04x64 +0,05 +0,20 +0,40 12x18,04x64 +0,05 +0,20 +0,40	G F G F G F G F		
SCANIA												
ENG. D8 7790ccm ENG. DN8 7790ccm ENG. DS8 Turbo 7790ccm ENG. DSI8 Turbo 7790ccm ENG. 830 12470ccm	75-80 116kw(157PS) 75-86 120kw(163PS) →86 120/140/148kw 81-86 170kw(231PS) 54→	115 6 115 8	IN EX	V1427 V1428	215715 243648	50x11x169 42x11x169	60 45	11 1	VV333 VV66	207 991 223 632 300 958	11x18,02x86 11x18,02x73	G A G A

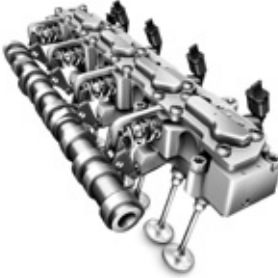
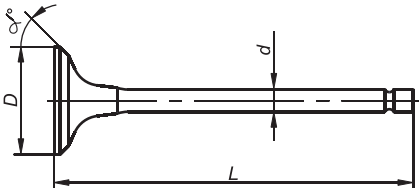
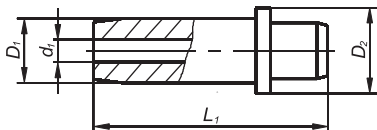
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS $d_1 \times d_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SCANIA											
ENG. DS9 Turbo P/R/K/G 92 85→ P/R/K/G 93 87→ 8471ccm 150/185kW(204/252PS)	115 6	IN	V1615	391608 1319081	51x11x162,5	70	1	VV65	180 197 300 957	11x18,02x80	G A
			V1616	366256	44x11x162,5	45	1	VV66	223 632 300 958	11x18,02x73	G A
ENG DSC9 Turbo P/R/T/G 92 85→ P/R/T/G 93 85→ Turbo Intercooled 8471ccm 207kW(282PS)		EX						VV616	1398624	11x18,02x68	G F
ENG. DN11 87→ ENG. DS11 77-81 No. 5220094→ 11015ccm 149/202/245 KW(203/275/333PS)	127 6	IN	V595	294674 1360836	54x11x162,5	70	1	VV65	180 197 300 957	11x18,02x80	G A
			V596	232018 1360834	45x11x162,5	45	1	VV66	223 632 300 958	11x18,02x73	G A
ENG. DS11 Turbo 81→ 11015 ccm 202/245kW(275/333PS)	127 6	IN	V595A	324675 1361191	54x11x162,5	70	1	VV65	180 197 300 957	11x18,02x80	G A
			V596	232018 1360834	45x11x162,5	45	1	VV66	223 632 300 958	11x18,02x73	G A
ENG. DS14 Turbo 81→ With valve Rotator 14181 ccm 276/285/291kW (203/388/396PS)	127 V-8	EX									
ENG. DS10 Turbo 10260 ccm	127 6	IN	V2401	272804 1361190	54x11x162,5	60	1	VV65	180 197 300 957	11x18,02x80	G A
			V596	232018 1360834	45x11x162,5	45	1	VV66	223 632 300 958	11x18,02x73	G A
ENG. DS11 Turbo Up to Eng. N.5220093 11015 ccm NEW		EX									
124 – DSC12,DS12 01→ 360, 400, 420 164 – DC16 480, 580 114 – DC11 330, 340, 380 R 380,420,470,500,580 LB-T-LA; LB-T-LB 11716ccm 244/496kw(331/675PS)	127 6	IN	V1365	1333230	44x10x171,5	70	1	VV307	1403823	10x16,02x73	G F
			V1366	1445830	41x10x171,5	45	1	VV307	1403823	10x16,02x73	G F

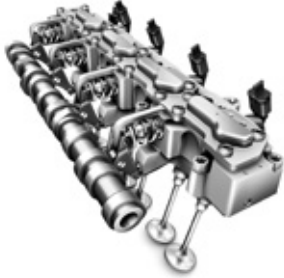
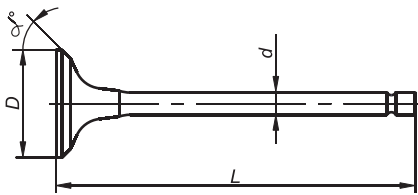
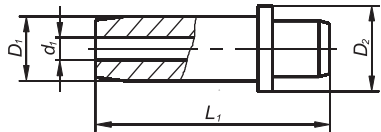
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SCANIA											
Eng. DC 9 11, 12, 13 Euro 3 20V 8870ccm 169/228kw(230/310PS)	04→	127 5	IN EX	V1949 V1950	1386647 1414395 1386648 1903846	46x11x162,5 41x11x162,5	70 45	1 1			
Eng. DC 9 16, 17, 18 Euro 4 20V 8870ccm 169/228kw(230/310PS)											
ENG. DC9 Euro 5 22/35/36 ENG. DC9 Filter 29/30/32 9300ccm 169-235kw(230-320PS)	06→ 06→	130 6	IN EX	V2133 V2134	1854798 1854799 1886946 1887056 1778492 1781847	44x10x171,4 41x10x171,5	70 45	4 4	VV307 VV307	1403823 1403823	10x16,02x73 10x16,02x73 G F G F
ENG. DC12 F6 14700ccm	07→										
ENG. DD13 Euro 5 05/06/07/10 12700ccm 205-353kw(300-480PS)	06→										
DC9-13 Eng. DC913 9000ccm	08→	5 6	IN EX	V2133 V2264	1854798 1887056 2032823	44x10x171,4 41x10x171,6	70 60	4 4	VV307 VV307	1403823 1403823	10x16,02x73 10x16,02x73 G F G F
SEAT											
Marbella LS/GLS/GLX 0.9 Fura L/GL 0.9 Ibiza Junior 0.9 Terra 0.9 Eng. Fiat 100 GL 3.C.O Eng. Fiat 146A 000 903 ccm 33kW(44PS)	82→ 84→ 86→ 87-95	65 4	IN EX	V257 V258	HB 012301 4 265 695 HB 012302 4 377 979	29x7x95,3 26x7x95,7	45 45	1 1	VV70 VV70.1 VV70.2 VV70.3 VV70.4 VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333 4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25 7x13,01x42,5 +0,05 +0,10 +0,20 +0,25 G F
Marbella LS/GLS 0.9 Eng. 100 GL. 6.000 845 ccm 25kW(34PS)	84→										

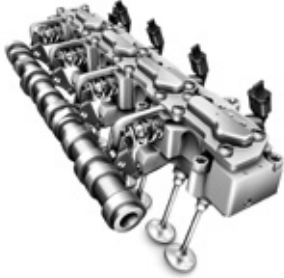
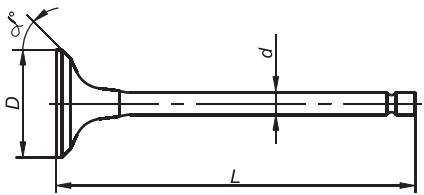
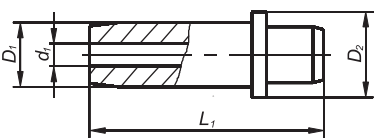
	CYL. Ø Nº	IN EX															
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE						
1	2	3	4	5	6	7	8	9	10	11	12						
SEAT																	
Fura 1.0 Eng. A112 B1.054 965ccm 35kW(48PS)	85→ 35kW(48PS)	67,1 4 IN	V257	HB 012301 4 265 695	29x7x95,3	45	1	VV70	4 265 699	7x13,01x42,5	G						
								VV70.1	4 372 331	+0,05	F						
								VV70.2	4 372 332	+0,10							
								VV70.3	4 265 700	+0,20							
								VV70.4	4 372 333	+0,25							
		EX	V258	HB 012302 4 377 979	26x7x95,7	45	1	VV70	4 265 699	7x13,01x42,5	G						
								VV70.1	4 372 331	+0,05	F						
								VV70.2	4 372 332	+0,10							
								VV70.3	4 265 700	+0,20							
								VV70.4	4 372 333	+0,25							
Arosa 1.0 Cordoba 1.0 Ibiza 1.0 Eng. AER Arosa 1.0i Eng. ALL 999 ccm 37kW(50PS)	97→ 97→ 97→ 98→ 37kW(50PS)	67,1 4 IN	V851	030 109 601AG	31x7x94,7	45	3	VV217	032 103 419A	7x12/11,07x33	B						
								VV217.1	+0,15	G							
								VV579	032 103 418A	7x11,07x33	B						
								VV579.1	+0,20	F							
								EX	V852	030 109 611N	26x7x94,4	45	3	VV217	032 103 419A	7x12/11,07x33	B
		VV217.1	+0,15	G													
		VV579	032 103 418A	7x11,07x33	B												
		VV579.1	+0,20	F													
		Arosa 1.0 Eng. AHT 999 ccm 37kW(50PS)	98→	67,1 4 IN	V703	047 109 601D	34x7x101,4							45	3	VV217	032 103 419A
								VV217.1	+0,15	G							
EX	V704							047 109 611D	30,1x7x101,4	45	3	VV217	032 103 419A			7x12/11,07x33	B
												VV217.1	+0,15			G	
Arosa 1.0 Eng. ALD, ANV Eng. AUC Cordoba 1.0 Ibiza 1.0 Eng. AUC 999ccm 37kW(50PS)	01→ 00→ 99-02 99-02 37kW(50PS)	67,1 4 IN	V1439	030 109 601AK	31x6x99	45	3	VV181	058 103 415	6x11,07x36	B						
								VV181.1	+0,05	F							
		EX	V1440	030 109 611S	26x6x99	45	3	VV181	058 103 415	6x11,07x36	B						
								VV181.1	+0,05	F							

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Altea 1.2 TSI 10→	71	IN	V1957	03F 109 601A	35,4x6x98,7	45	3	VV181	058 103 415	6x11,07x36	B
Leon 1.2 TSI 10→	4							VV181.1		+0,05	F
Ibiza 1.2 TSI 10→											
Toledo 1.2 TSI		EX	V1958	03F 109 611B 03F 109 611C	30x6x98,4	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Eng. CBZA/CBZB 1197ccm 63/77kW(86/105PS)											
Leon 1.2 TSI 16V 12→	71	IN	V2355	04E 109 601A	26,4x5x110,2	45	3				
Eng. CJZA-CJZB, CYVB 1197ccm 81kW(110PS)	4	EX	V2356	04E 109 611K	23,5x5x110,2	60	3				
Ibiza 1.2 12V 02→	73	IN	V1265	032 109 601L	34,5x6x99,2	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Eng. AWY 1197ccm 40kW(54PS)	4	EX	V1110	030 109 611T	28x6x99,2	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Mii 1.0 11→	74,5	IN	V2135	04E 109 601	29,5x5x110,3	45	3				
Eng. CHYA, CHYB 999ccm	3	EX	V2136	04E 109 611L	26,9x5x110,3	60	3				
Leon 1.4 TSI 16V 12→	74,5	IN	V2177	04E 109 601B	28,5x5x110,3	45	3				
Eng. CMBA/CXSA, CHPA 1395ccm 90/103kW(122/140PS)	4	EX	V2178	04E 109 611J	25,1x5x110,1	60	3				
Ibiza 1.4 TSI 13→											
Leon 1.4 TSI 13→											
Eng. CPTA 1395ccm 103kW(140PS)											
Toledo IV 1.4 TSI 15→											
Eng. CZCA 1395ccm 92kW(125PS)											
Ateca 1.4 TSI 16→											
Ibiza 1.4 TSI 15→											
Eng. CZEA 1395ccm 110kW(150PS)											
Ibiza 1.0I 93→	75	IN	V847	030 109 601N/M	32x7x99,3	45	3	VV150 VV150.1	030 103 419A	7x12/11,07x36,5 +0,15	B G
Eng. AAU, AEV 1043ccm 33kW(45PS)	4	EX	V848	030 109 611D	28,9x7x99,1	45	3	VV150 VV150.1	030 103 419A	7x12/11,07x36,5 +0,15	B G

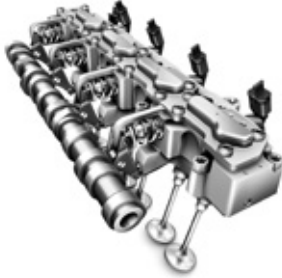
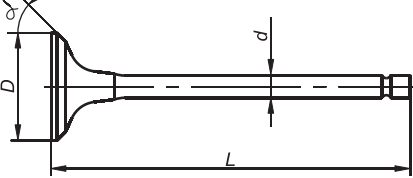
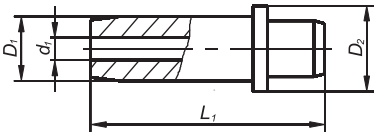
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12		
SEAT													
Ibiza 1.0 Eng. AAU 1043ccm 33kW(45PS)	93→ 4	75 4	IN	V682	030 109 601E	32x8x99,3	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G	
Ibiza 1.4 Cordoba 1.4 Eng. ABD,AEX, AKV, APQ 1391ccm 44kW(60PS)	93-99 93-99	75 4	EX	V646	030 109 611A	28,9x8x99,1	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G	
Ibiza 1.0 Eng. AAU Monomotronic 1043ccm 33kW(45PS)	95-96 4	75 4	IN	V645	030 109 601C 073 109 601A	36x8x98,9	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G	
Ibiza 1.3 Eng. AAV Monomotronic →Nº 80 NW 500600 1272ccm 40kW(54PS)	93-94 4	75 4	EX	V646	030 109 611A	28,9x8x99,1	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G	
Cordoba CLX, GLX 1.4i.e. Ibiza 1.4i.e. Eng. ABD Monomotronic →Nº 1HNW 990000 1391ccm 40/44kW(55/60PS)	94→ 94-96	75 4	IN	V1067	030 109 601G	34x7x99	45	3	VV150 VV150.1	030 103 419A	7x12/11,07x36,5 +0,15	B G	
Ibiza 1.3 Eng. AAV Nº 80-PW 000001→ 1272ccm 40kw(55PS)	93-99 4	75 4	IN	V874	030 109 601L 030 109 601J	36x7x99,3	45	3	VV150 VV150.1	030 103 419A	7x12/11,07x36,5 +0,15	B G	
Cordoba 1.4 Ibiza 1.4 Eng. ABD Nº 1H-PW 000001→ 1391ccm 44kW(60PS)	93-94 93-95	75 4	EX	V848	030 109 611D	28,9x7x99,1	45	3	VV150 VV150.1	030 103 419A	7x12/11,07x36,5 +0,15	B G	
Cordoba 1.2 GL/GLX Ibiza 1.2 L/GL/GLX Ronda 1.2 L/GL/GLX Sistem Porsche Malaga 1.2 L/GL/GLX 1193ccm 44/47kW(60/63PS)	84→ 84→ 84→ 85→	75 4	IN	V1039	3940 3030	32x7x103	45	3					
			EX	V1040	3940 3040	28x7x103	45	3					

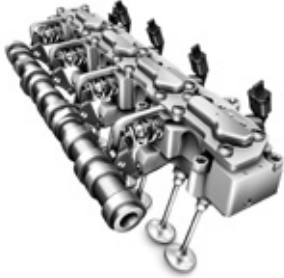
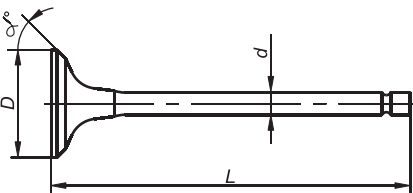
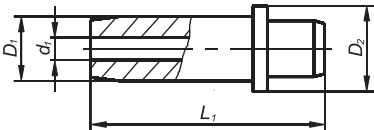
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SEAT												
Cordoba 1.2i 12V Ibiza 1.2i 12V Eng. AZQ, BME 1198ccm 47kw(64PS)	02→ 02→ 02→	76,5 3 76,5	IN IN	V957 V958	036 109 601S 036 109 601AD 036 109 611K	29,5x6x100,9 26x6x100,5	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
Toledo, Leon 1.4i 16V Cordoba, Ibiza 1.4i 16V Arosa, Inca 1.4i 16V Eng. APE, AUB, AHW, AUA, AQQ, AXP BCA, AFK, ANM Cordoba, Ibiza 1.4i 16V Eng. BBY 1390ccm 55/74kw(75/101PS)	99→ 99→ 00→ 02→	76,5 4 76,5	IN IN	V957 V958	036 109 601S 036 109 601AD 036 109 611K	29,5x6x100,9 26x6x100,5	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
Ibiza 1.6i 16V Toledo 1.6i 16V Leon 1.6i 16V Eng. AUS, AZD, ATN, BCB Cordoba 1.6i 16V Eng. BTG 1598ccm 77kw(105PS)	06→ 00→ 02→ 06→	76,5 4 76,5	IN IN	V1109 V1110	030 109 601AL 030 109 611T	33,5x6x99,2 28x6x99,2	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
Ibiza 1.4i 16V Cordoba 1.4i 16V Eng. AFH, AUA 1390ccm 74kw(100PS)	96→ 96→ 96→	76,5 4 76,5	IN IN	V1107 V1108	036 109 601P 036 109 611L	29,5x6x97,9 26x6x97,3	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
Inca 1.4i Ibiza, Cordoba 1.4i Arosa 1.4i Eng. AEX/AKV 1390ccm 44kw(60PS)	95→ 96→ 98→ 95→	76,5 4 76,5	IN IN	V783 V784	030 109 601AH 032 109 611G	35,6x7x94,7 29x7x95	45 45	3 3	VV217 VV217.1 VV217 VV217.1	032 103 419A 032 103 419A	7x12/11,07x33 +0,15 7x12/11,07x33 +0,15	B G B G

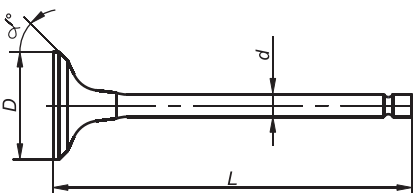
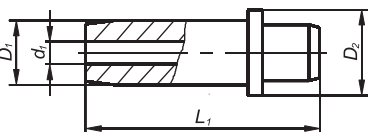
											
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Ibiza, Cordoba 1.6i	97→	76,5	IN	V783	030 109 601AH	35,6x7x94,7	45 3	VV217	032 103 419A	7x12/11,07x33	B
Inca 1.6i	97→	4						VV217.1		+0,15	G
Toledo 1.6i	93→										
Ibiza 1.6i	95→		EX	V784	032 109 611G	29x7x95	45 3	VV217	032 103 419A	7x12/11,07x33	B
Eng. ALM, AEE OHC								VV217.1		+0,15	G
1598ccm	55kw(75PS)										
Arosa 1.6	98→	81									
Cordoba 1.6	98→	4									
Ibiza 1.6	98→										
Eng. AEK											
1598ccm	74kw(101PS)										
Ibiza, Cordoba 1.6	93→	76,5	IN	V922	032 109 601G	34,6x7x94,8	45 3	VV217	032 103 419A	7x12/11,07x33	B
Eng. ABU, AEE		4	IN	V783	030 109 601AH	35,6x7x94,7	45 3	VV217.1		+0,15	G
1598 ccm	55kw(75PS)		EX	V784	032 109 611G	29x7x95	45 3	VV217	032 103 419A	7x12/11,07x33	B
								VV217.1		+0,15	G
Altea 1.4 FSI 16V	06→	76,5	IN	V957	036 109 601AD	29,5x6x100,9	45 3	VV181	058 103 415	6x11,07x36	B
Cordoba 1.4 FSI 16V	06→	4						VV181.1		+0,05	F
Ibiza 1.4i 16V	06→										
Eng. BXW			EX	V958	036 109 611K	26x6x100,5	45 3	VV181	058 103 415	6x11,07x36	B
1390ccm								VV181.1		+0,05	F
Cordoba, Ibiza 1.6	98→	81	IN	V869	078 109 601B	39,5x7x91,9	45 3	VV151	037 103 419B	7x13/12,07x36,5	B
Leon, Toledo 1.6	98→	4						VV151N		+0,05	G
Arosa 1.6	98→							VV151.1		+0,15	
Eng. AKL/AEH/AFT											
1595ccm	74kw(100PS)		EX	V870	048 109 611B	32,9x7x91,2	45 3	VV151	037 103 419B	7x13/12,07x36,5	B
					078 109 611C			VV151N		+0,05	G
								VV151.1		+0,15	
Toledo 2.0i	93→	82,5									
Ibiza 2.0i	95→	4									
Alhambra, Cordoba 2.0 i	95→										
Eng. ADY/AGG											
Alhambra 2.0i	00→										
Eng. ATM											
1984ccm	85kW(115PS)										

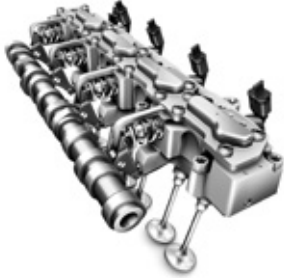
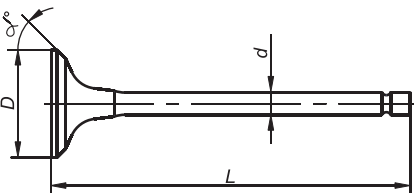
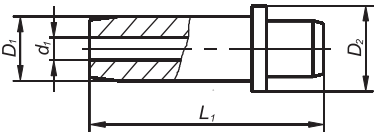
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Altea 1.6 Leon 1.6 Toledo 1.6 Teng, BGU, BSE, BSF 1595ccm	04→ 05→ 04→ 75kw(102PS)	81 4	IN EX	V1379 V1380	06B 109 601D 06B 109 601B 06B 109 611C 06B 109 611B	39,4x6x93,8 32,9x6x93,8	45 3 45 3	VV393 VV393.1 VV393 VV393.1		6x12,07x36,4 +0,05 6x12,07x36,4 +0,05	B F B F
Toledo 1.6 Eng. EZ, ABN 1595ccm	91-99 55kW(75PS)	81 4	IN EX	V754 V702	035 109 601H 035 109 601G 026 109 611A 048 109 611A	38x8x91 33,2x8x91	45 3 45 3	VV76 VV76.1 VV76.2 VV76.3 VV76 VV76.1 VV76.2 VV76.3	056 103 419A 056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25	B G B G
Cordoba 1.6 Ibiza 1.6 Toledo 1.6 Inca 1.6 Eng. ABN-1F 1595ccm	94→ 93→ 92→ 95→ 55kw(75PS)	81 4	IN EX	V796 V702B	035 109 601K 035 109 601J 053 109 611	38x8x91,9 33,2x8x91	45 3 45 3	VV76 VV76.1 VV76.2 VV76.3 VV76 VV76.1 VV76.2 VV76.3	056 103 419A 056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25	B G B G
Toledo GL/GLX 1.8 Eng. AAM/RP 1781ccm	91-93 66kw(90PS)										
Cordoba GL/GLX 1.8i.e. Toledo GL/GLX 1.8i.e. Ibiza 1.8i.e. Eng. ABS, ACC, ADZ 1781ccm	93→ 93→ 93→ 66kw(90PS)										
Toledo GT 1.8i 16V Eng. KR, PL 1781ccm	91→ 95/98kw(129/133PS)	81 4	IN EX	V779 V780	027 109 601C 027 109 611D	32x7x95,5 28x7x98,2	45 1 45 1	VV149 VV149.1 VV149 VV149.1	027 103 419 027 103 423 027 103 419 027 103 423	7x13/12,07x38 +0,05 7x13/12,07x38 +0,05	B G B G

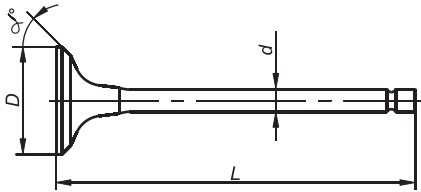
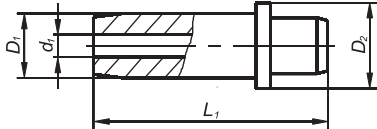
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Toledo GL, GLX 1.8i.e. Eng. AAM Monomotronic No 408198/001109→ 1781ccm 55kw(75PS)	94→	81 4	IN	V1293	048 109 601E	38x7x91,8	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			EX	V870	048 109 611B	32,9x7x91,2	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Ibiza 1.8 Cordoba 1.8 Toledo 1.8 Eng. ADZ No 408198/001109→ 1781ccm 55/60kw(75/90PS)	94→ 95→ 94-97	81 4	IN	V1293	048 109 601E	38x7x91,8	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			EX	V870	048 109 611B	32,9x7x91,2	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Ibiza, Cordoba 1.8 16V Eng. ADL 1780ccm 95kw(130PS)	94→	81 4	IN	V889	051 109 601B	32x7x95,5	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			EX	V890	051 109 611B	27x7x98	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Leon 18i 20V Toledo 18i 20V Eng. AGN, APG Leon 1.8i 20V Cupra R Eng. AMK Leon, 18i 20V Turbo Eng. APP 1781ccm 92/132/154kW	99→ 98-04	81 4	IN	V839* * Retainer s.e. 5 mm	058 109 601C	26,9x6x105,1	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
			EX	V840* * Retainer s.e. 3,4 mm	058 109 611M	29,9x6x103,9	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F

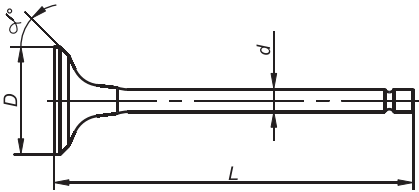
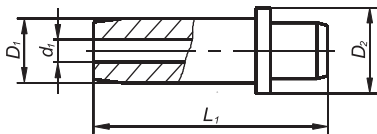
											
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Alhambra 18i 20V Turbo Eng. AJH, AWC Leon 18i 20V Turbo Toledo 18i 20V Turbo Eng. AJQ, AUQ, AQX, BAM Cordoba 18i 20V Turbo Ibica 18i 20V Turbo Eng. AQH, ARY 1781ccm 110/115/132/165kW	98→	81 4	IN	V839* * Retainer s.e. 5 mm	058 109 601C	26,9x6x105,1	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
	99→										
	98→		EX	V1634* * Retainer s.e. 5 mm	058 109 611E	29,9x6x103,9	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
	99→ 00→										
Leon 2.3 VR5 Toledo 2.3 VR5 Eng. AGZ 2324ccm 110kw(150PS)	98→	81 V5	IN	V929	021 109 601L	39x7x106	45 3	VV149 VV149.1	027 103 419	7x13/12,07x38 +0,05	B G
	98→		EX	V930	021 109 611F	34,2x7x107	45 3	VV149 VV149.1	027 103 419	7x13/12,07x38 +0,05	B G
Leon VR5 2.3 20V Toledo VR5 2.3 20V Eng. AQN 2324ccm 125kw(170PS)	01→	81 5	IN	V1217	022 109 601E	31x6x102,1	45 3	VV512 VV512N		6x10,04x44 +0,05	B F
	01→		IN	V1219	022 109 601F	31x6x136	45 3	VV513 VV513N		6x10,04x65 +0,05	B F
			EX	V1218	022 109 611C	27x6x136,4	45 3	VV513 VV513N		6x10,04x65 +0,05	B F
			EX	V1220	022 109 611B	27x6x102,5	45 3	VV512 VV512N		6x10,04x44 +0,05	B F
Alhambra 2.8 24V Eng. AYL VR6 Leon 2.8 24V Eng. AUE VR6 2792ccm 150kw(204PS)	00-02	81 6	IN	V1217	022 109 601E	31x6x102,1	45 3	VV512 VV512N		6x10,04x44 +0,05	B F
	01→		EX	V1218	022 109 611C	27x6x136,4	45 3	VV513 VV513N		6x10,04x65 +0,05	B F
			IN	V1219	022 109 601F	31x6x136	45 3	VV513 VV513N		6x10,04x65 +0,05	B F
			EX	V1220	022 109 611B	27x6x102,5	45 3	VV512 VV512N		6x10,04x44 +0,05	B F

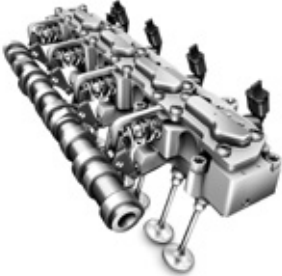
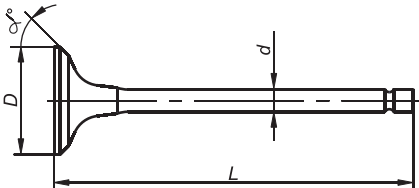
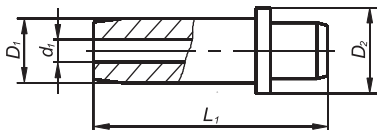
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Alhambra 2.0 Cordoba GT/GLX 2.0 Toledo GL/GLX/G T 2.0 Ibiza GT/GLX 2.0 Eng. 2E, AGG 1984ccm	96→ 93-96 91→ 93-96 85kw(115PS)	82,5 4	IN	V899	048 109 601A	39,5x8x91,9	45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Altea 2.0 FSi 16V Leon 2.0 FSi 16V Toledo 2.0 FSi 16V Eng. BLX, BLR, BLY, BLV, BVZ 1984ccm	04→ 05→ 05→ 110kW(150PS)	82,5 4	IN	V1605	06D 109 601K	33,8x6x104	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Altea 1.8 TFSi Leon 1.8 TFSi Toledo 1.8 TFSi Alhambra 1.8 TFSi Eng. CDAA 1798ccm	07→ 07→ 07→ 07→	82,5 4	IN	V2027	06D 109 601M	33,8x6x104	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Ibiza GLX/GL/SX 1.5/1.5i Malaga GLX 1.5/1.5i Ronda GLX/SX 1.5/1.5i Sistem Porsche 1461ccm	84→ 85→ 84→ 63kw(85PS)	83 4	IN	V1045	3940 2830	34x7x103	45 3				
			EX	V1046	3940 2840	30x7x103	45 3				
SEAT DIESEL											
Terra 1.3 D Eng. MN 1272ccm	89-94 33kw(45PS)	75 4	IN	V719	030 109 601	34x8x99,1	45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Terra 1.4 D Eng. 1W→ Nº 80NW 500000 1398ccm	90-95 35kw(47PS)		EX	V646	030 109 611A	28,9x8x99,1	45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G

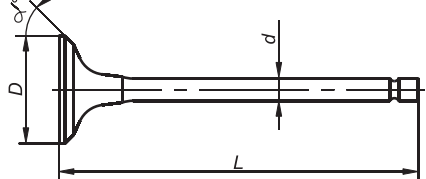
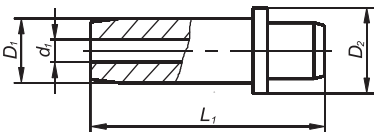
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SEAT DIESEL												
Terra 1.4 D From chassis n.80-NW-500001 Eng. 1W 1398ccm	90→95	75	IN	V1067	030 109 601J	34x7x99	45	3	VV150 VV150.1	030 103 419A	7x12/11,07x36,5 +0,15	B G
		4	EX	V848	030 109 611D	28,9x7x99,1	45	3	VV150 VV150.1	030 103 419A	7x12/11,07x36,5 +0,15	B G
Arosa 1.2 TDi Eng. ANY 1191ccm 45kW(61PS)	00→	76,5	IN	V919 V919N1 V919N3	038 109 601B	36x7x90 +0,5S +1,0S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
		3	EX	V920 V920N1 V920N3	038 109 611B	31,5x7x90 +0,5S +1,0S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Ibiza 1.2 TDi Eng. CFWA 1199ccm	10→	79,5	IN	V2029	03L 109 601A	26,6x6x99,3	45	3				
		3	EX	V2030	03L 109 611A	24,5x6x99,1	45	3				
Arosa 1.4 TDi Ibiza 1.4 TDi Cordoba 1.4 TDi Eng. AMF 1422ccm	00→ 02→ 02→	79,5	IN	V919 V919N1 V919N3	038 109 601B	36x7x90 +0,5S +1,0S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
		3	EX	V920 V920N1 V920N3	038 109 611B	31,5x7x90 +0,5S +1,0S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Altea 1.6 TDi Ibiza 1.6 TDi Leon 1.6 TDi Eng. CAYC, CAYB, CLNA 1598ccm	09→ 10→ 10→	79,5	IN	V2029	03L 109 601A	26,6x6x99,3	45	3				
		4	EX	V2030	03L 109 611A	24,5x6x99,1	45	3				

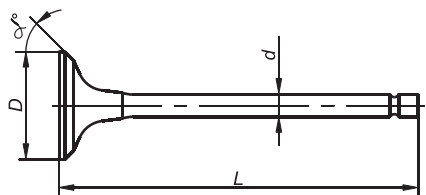
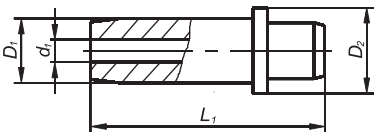
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT DIESEL											
Ibiza 1.7 D Eng. KY 1716ccm 42kw(57PS)	90→93	79,5 4	IN	V756 V756N1 V756N3	069 109 601D	36x8x104,9 +0,5S +1,0S	45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
			EX	V542 V542N V542N1 V542N3 V542N4 V542N5	068 109 611C	31,2x8x104,6 +0,3S +0,5S +0,8S +1,5S +1,0S	45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Ibiza 1.4 TDI Eng. BHC 1422ccm 55(75PS)	03→	79,5 4	IN	V1663 V1663N1	038 109 601E	36x7x89,5 +0,5S	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			EX	V1664 V1664N1	038 109 611E	31,5x7x89 +0,5S	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Leon 1.9 TDI Eng. AXR, BKC, BLS, BXE, BXF, BLB 1896ccm 74/77kW(101/105PS)	05→										
Leon 2.0 TDI Toledo 2.0 TDI Eng. BMM 1968ccm 103kW(140PS)	05→ 06→	81 4									
Toledo GL 1.9D Cordoba, Ibiza 1.9D Inca 1.9D Eng. 1Y Until. eng. N.580.000 1896ccm 48/50kW(65/68PS)	91→ 93→ 95→	79,5 4	IN	V697 V697N1 V697N3	069 109 601F	36x8x95,1 +0,5S +0,8S	45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
			EX	V698 V698N1 V698N3	074 109 611	31,2x8x95,1 +0,5S +0,8S	45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Cordoba, Ibiza 1.9SDi Toledo, Inca 1.9DSi Eng. AEY 1896ccm 47kW(64PS)	96→ 95→										

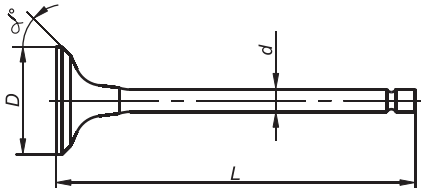
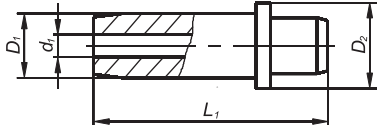
	CYL. Ø Nº	IN EX											
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE		
1	2	3	4	5	6	7	8	9	10	11	12		
SEAT DIESEL													
Cordoba GLX/GTD 1.9TD 94→ Ibiza GL/GT/GLX 1.9TD 93→ Toledo GLX/GL/SE/ 1.9TD 93→ Eng. AAZ Turbo Until. eng: N.678.000 1896ccm 55kW(75PS)	79,5 4	IN	V697A	069 109 601H	36x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B		
			V697N1		+0,5S		VV76.1		+0,05	G			
			V697N3		+0,8S		VV76.2		+0,15				
				EX	V698	074 109 611	31,2x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
		V698N1			+0,5S		VV76.1		+0,05	G			
		V698N3			+0,8S		VV76.2		+0,15				
							VV76.3		+0,25				
				EX	V544	068 109 611L	31,2x8x95	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
		V544N			+0,3S		VV76.1		+0,05	G			
		V544N1			+0,5S		VV76.2		+0,15				
		V544N3			+0,8S		VV76.3		+0,25				
V544N4		+1,5S											
			V544N5		+1,0S								
Toledo 1.9 TDI 96→99 From eng. N.678.001 Eng. AAZ 1896ccm Cordoba 1.9 D 98→ Ibiza 1.9 D 98→ Inca 19D 95→ Toledo 19D 96→ Eng. 1Y From. eng: N.580.001 1896ccm 55kW(75PS) Cordoba 1.9 D 96→ Ibiza 1.9 D 96→ Eng. AEF 1896ccm 47/50kW(64/68PS)	79,5 4	IN	V805	028 109 601B	36x7x95,5	45	3	VV151	037 103 419B	7x13/12,07x36,5	B		
			V805N1		+0,5S		VV151N		+0,05	G			
							VV151.1		+0,15				
				EX	V806	028 109 611E	31,1x7x95,6	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
		V806N1			+0,5S		VV151N		+0,05	G			
							VV151.1		+0,15				

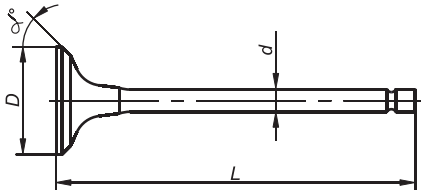
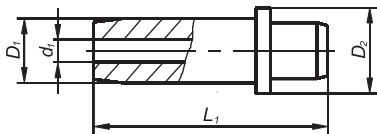
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SEAT DIESEL												
Toledo 1.9 TDi Until eng: N.770.000 Eng. 1Z Cordoba 1.9 TDi Ibiza 1.9 TDi Alhambra 1.9 TDi Eng. AFE, AHU Turbo 1896ccm 66/81kw(90/110PS)	95→96 4	79,5 4	IN	V821 V821N1	028 109 601H	36x8x96,8 +0,5S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
	96→ 96→ 95→		EX	V822 V822N1	046 109 611F 046 109 611C	31,5x8x96,9 +0,5S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Toledo 1.9 TDi From. eng: N.770.001 Eng. 1Z 1896ccm	96→	79,5 4	IN	V811 V811N1	028 109 601D	36x7x96,9 +0,5S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			EX	V812 V812N1	028 109 611G	31,4x7x96,9 +0,5S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Inca 1.9 SDi Ibiza 1.9 SDi Cordoba 1.9 SDi Toledo 1.9 SDi Eng. AEY, AYQ Inca 1.9 SDi Eng. AYQ Toledo 1.9 D/SDi Cordoba 1.9 SDi Ibiza 1.9 SDi Eng. AGP, AQM 1896ccm 47/50kw(64/68PS)	95→ 96→ 96→ 97→ 00→ 96→ 96→ 99→	79,5 4	IN	V831 V831N1	028 109 601J	36x7x96,5 +0,5S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			EX	V832 V832N1	028 109 611K	31,5x7x96,3 +0,5S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Arosa 1.7 SDi Eng. AHG/AKU Inca 1.7 SDi Eng. AKW, AHB 1716ccm 42/44kw(57/60PS)	97→ 96→	79,5 4	IN	V831 V831N1	028 109 601J	36x7x96,5 +0,5S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			EX	V832 V832N1	028 109 611K	31,5x7x96,3 +0,5S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT DIESEL											
Leon 1.9 SDi Cordoba 1.9 SDi Toledo 1.9 SDi Ibiza 1.9 SDi Eng. AQM Cordoba 1.9 SDi Ibiza 1.9 SDi Eng. ASY 1896ccm 47/50kw(64/68PS)	99→ 99→ 99→ 99→ 02→ 02→ 	79,5 4 	IN 								

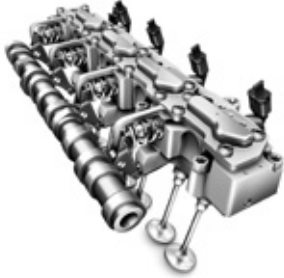
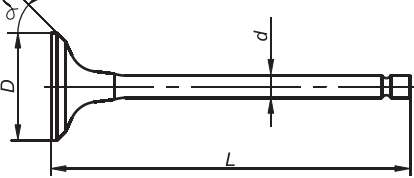
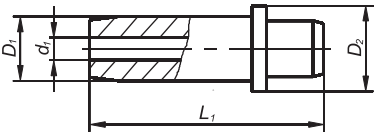
												
1		CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1		2	3	4	5	6	7	8	9	10	11	12
SEAT DIESEL												
Alhambra, Ibiza 1.9 TDi	01→	79,5	IN	V919	038 109 601B	36x7x90	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
Altea 1.9 TDi	04→	4		V919N1		+0,5S			VV151N		+0,05	G
Toledo, Leon 1.9 TDi	02→			V919N3		+1,0S			VV151.1		+0,15	
Cordoba 1.9 TDi	02→											
Eng. ASZ Turbo			EX	V920	038 109 611B	31,5x7x90	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
1896ccm	96kw(131PS)			V920N1		+0,5S			VV151N		+0,05	G
				V920N3		+1,0S			VV151.1		+0,15	
Cordoba, Ibiza 1.9 TDi	02→											
Toledo, Leon 1.9 TDi	01→		EX	V1832	038 109 611F	31,5x7x89,5	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
Eng. ATD, ASZ/ARL Turbo									VV151N		+0,05	G
1896ccm	74/96/110kw(101/131/150PS)								VV151.1		+0,15	
Alhambra 1.9 TDi												
ENG. AUY Turbo	00→											
ENG. ANU Turbo	02→											
1896ccm	66/85kw(90/116PS)											
Leon 1.9 TDi	05→	79,5	IN	V919	038 109 601B	36x7x90	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
Eng. AXR, BKC, BLS, BXE		4		V919N1		+0,5S			VV151N		+0,05	G
Eng. BXF, BLB				V919N3		+1,0S			VV151.1		+0,15	
			EX	V920	038 109 611B	31,5x7x90	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
				V920N1		+0,5S			VV151N		+0,05	G
				V920N3		+1,0S			VV151.1		+0,15	
Toledo 2.0 TDi 16V	04→	81	IN	V1491	03G 109 601A	29,4x6x88,5	45	3	VV272		6x10,07x42	B
Altea 2.0 TDi 16V	04→	4							VV272N		+0,05	F
Leon 2.0 TDi 16V	05→								VV272.1		+0,15	
Eng. AZV, BMN, BKD												
1968ccm	103/125kW(140/170PS)								VV215		6x11,5/10,07x41,5	B
												G
			EX	V1492	03G 109 611B	25,5x6x88,2	45	3	VV272		6x10,07x42	B
									VV272N		+0,05	F
									VV272.1		+0,15	
									VV216		6x11,5/10,07x41,5	B
												G

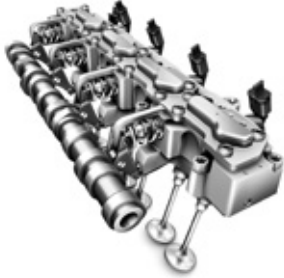
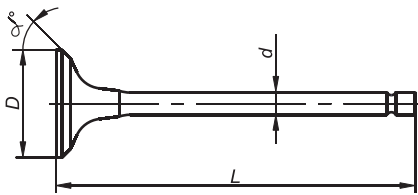
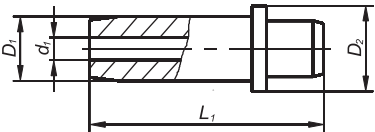
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT DIESEL											
Alhambra 2.0 TDi PD 16V Altea 2.0 TDi PD 16V Leon 2.0 TDi PD 16V Toledo 2.0 TDi PD 16V Eng. AZV, BKD, BMN 1968ccm 103/125kW(140/170PS)	04→ 05→ 05→ 04→	81 4	IN	V1607	03G 109 601B	29,2x6x87,8	45 3	VV272 VV272N VV272.1 VV215		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G
			EX	V1608	03G 109 611D	25,4x6x87,5	45 3	VV272 VV272N VV272.1 VV216		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G
Altea 2.0 TDi FR 16V Leon 2.0 TDi FR 16V Eng. CBAA, CBAB Eng. CBBA, CBBB 1968ccm	04→ 05→	81 4	IN	V1693	03L 109 601	28,1x6x99,3	45 3	VV272 VV272N VV272.1 VV215		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G
			EX	V1694	03L 109 611	26x6x99,1	45 3	VV272 VV272N VV272.1 VV216		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G
Exeo 2.0 TDi Eng. CAGC, CJCC, CAGA Eng. CJCA, CAHA, CGLB 1968ccm	09→	81 4	IN	V1693	03L 109 601	28,1x6x99,3	45 3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
			EX	V1694	03L 109 611	26x6x99,1	45 3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
Ibiza, Ronda 1.7 D Malaga 1.7 D Eng. Fiat 138 A5.000 1714ccm 40,5kw(55PS)	84→ 84→	83 4	IN	V1027	4 368 843	38,4x8x126	45 1				
			EX	V1028	4 368 845	33,4x8x126	45 1				

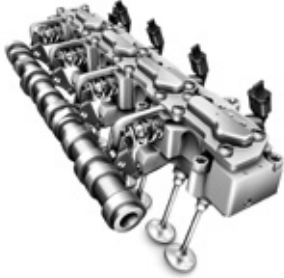
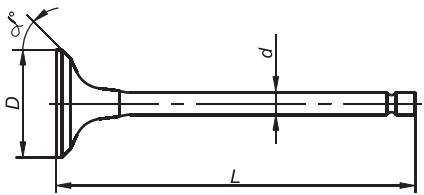
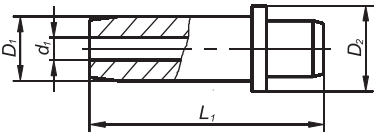
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT DIESEL											
Seat 132 2.0 D Eng. OM615 1988ccm 40kw(55PS)	74→	87 4	IN	V651 V651N3	615 053 0101	38,8x10x131,5 +1,0S	60 17	VV117 VV117.1 VV117.2	616 053 0329 616 053 0429	10x14,03x60 +0,05 +0,20	G A1
Seat 132 2.2 D Eng. OM615 2197ccm 44kw(60PS)	74→		EX	V652 V652N3	615 053 0705	33,2x10x131 +1,0S	60 17	VV118 VV118.1 VV118.2	616 053 0330 616 053 0430	10x14,03x48,5 +0,05 +0,20	G A1
Seat 131 2.4D Eng. 8144.61.200 2429ccm 53kw(72PS)	81→	93 4	IN	V326 V326N3	7 301 820 4 757 358	41x8x120,7 +1,0S	60 1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
			EX	V327 V327N3	7 301 821 7 302 157	34,4x8x122 +1,0S	45 1	VV58 VV58.1 VV58.2 VV58.3 VV58.4	4 726 483 4 733 258 4 733 259 4 733 259 4 733 260	8x13,03x60 +0,03 +0,08 +0,18 +0,23	G A
S.E.M.T. PIELSTICK											
ENG. 6PA 4V 185 VG 641-100 641-200 /ULJANIK – PULA/	→90		IN	V362	24 018 0165 00	64x14x222	60 1				
			EX	V363	24 018 0392 00	63x14x250	45 1				
ENG. PA4- 200			IN	V521	25 018 0461 00	67x14x232	60 1				
			EX	V522	25 018 0329 00	65x14x260	45 1				
ENG.8 PA 4V 185VG 641 – 300 GANZ MAVAG ALSTHOM- ATLANTIQE	85-88		IN	V509	3-02996-80 24 018 3081 51	64x14x222	60 5				
			EX	V510	3-01076-80	63x14x250	45 5				

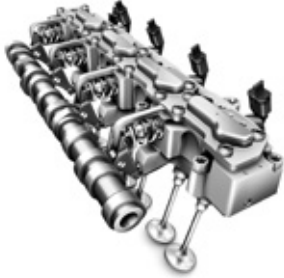
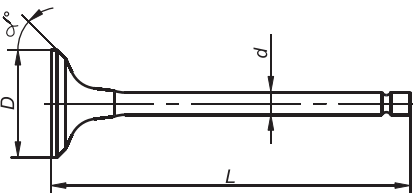
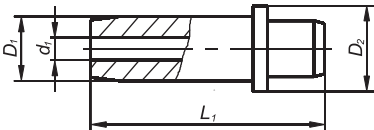
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ŠKODA												
Fabia 1.0i Eng. AER 999ccm 37kW(50PS)	99→ 67,1 4	IN	V851	030 109 601AG	31x7x94,7	45	3	VV217 VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G	
		EX	V852	030 109 611N	26x7x94,4	45	3	VV217 VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G	
								VV579 VV579.1	032 103 418A	7x11,07x33 +0,20	B F	
Fabia 1.0i Eng. AQV, ARV 999ccm 37kW(50PS)	00→02 67,1 4	IN	V1469	047 109 601 F	34x7x103,8	45	3					
		EX	V1470	047 109 611 B	27x7x103,8	45	3					
100,100 L 1.0 Eng. 998 988ccm 29/31kw(40/42PS)	69→78 68 4	IN	V75 V244	10 197 1209 10 201 1209	31,2x7,5x99,8 +0,25d	45	9					
		EX	V74 V158	10 215 1209 10 219 1209	28,2x7,5x99,8 +0,25d	45	9					
105 S/L 1.05 Eng. 742.10 1046ccm 33kw(45PS)	84→ 68 4	IN	V573	441 01209 311.6	31,2x8x99,8	45	3					
		EX	V351	441 01209 310.6	27,2x8x99,8	45	3					
Roomster 1.2 TSI Fabia 1.2 TSI Octavia 1.2 TSI Yeti 1.2 TSI Rapid 1.2 TSI Eng. CBZA, CBZB 1197ccm 63/77kw(86/105PS)	10→ 10→ 10→ 10→ 10→ 63/77kw(86/105PS)	71 4	IN	V1957	03F 109 601A	35,4x6x98,7	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
		EX	V1958	03F 109 611B 03F 109 611C	30x6x98,4	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F	
Octavia 1.2 TSI 16V Eng. CJZA/CJZB/CYVB 1197ccm 77/81kw(105/110PS)	12→ 71 4	IN	V2355	04E 109 601A	26,4x5x110,2	45	3					
		EX	V2356	04E 109 611K	23,5x5x110,2	60	3					
Fabia 1.0 Eng. ATY, ARV, AQV 997ccm 37kw(50PS)	00→ 72 4	IN	V1469	047 109 601F	34x7x103,8	45	3					
		EX	V1470	047 109 611B	27x7x103,8	45	3					
110 L/LS 1.1 Eng. 115 1107ccm 36/39kw(48/52PS)	69→81 72 4	IN	V193	441 01209 270.6	32,2x7,5x99,8	45	9					
		EX	V194	441 01209 260.6	27,2x7,5x99,8	45	9					

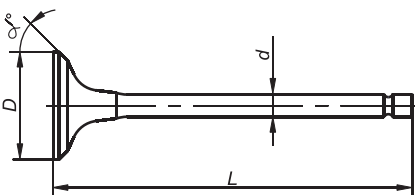
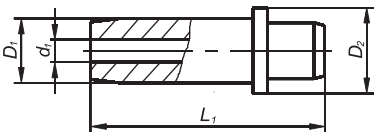
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA											
120 L/LS/GLS 1.2 1174ccm 77→ 39/43kw(52/58PS)	72 4	IN	V198	441 01209 266.6	32,2x8x99,8	45	3				
		EX	V361	441 01209 327.6	+0,25d						
		IN	V195	441 01209 264.6	27,2x8x99,8	45	3				
		EX	V359	441 01209 328.6	+0,25d						
120 L 1.2 Eng. 742.12 1174ccm 84→ 38kw(52PS)	72 4	IN	V574	441 01209 312.6	32,2x8x99,8	45	3				
		EX	V361	441 01209 327.6	+0,25d						
		IN	V351	441 01209 310.6	27,2x8x99,8	45	3				
		EX	V359	441 01209 328.6	+0,25d						
105/120 G/LS 1.05/1.2 Eng. 742.12 1046/1174ccm 84→ 38/43kw(52/58PS)	72 4	IN	V355	441 01209 322.6	32,2x8x99,8	45	3				
		EX	V351	441 01209 310.6	27,2x8x99,8	45	3				
Citigo 1.0 Eng. CHYA, CHYB 999ccm 11→	74,5 3	IN	V2135	04E 109 601	29,5x5x110,3	45	3				
		EX	V2136	04E 109 611L	26,9x5x110,3	60	3				
Octavia 1.4 TSI 16V Eng. CHPA 1395ccm 74,5 4 103kw(140PS)	74,5 4	IN	V2177	04E 109 601B	28,5x5x110,3	45	3				
		EX	V2178	04E 109 611J	25,1x5x110,1	60	3				
130 G/L 1.3 Eng. 742.13 1289ccm 84→	75,5 4	IN	V575	441 01209 320.6	34x8x99,8	45	3				
		EX	V356	441 01209 318.6	+0,25d						
		IN	V352	441 01209 321.6	29x8x99,8	45	3				
		EX	V360	441 01209 355.6	+0,25d						
Forman 135 L/LK/LE/LS/LSK/LE Eng.781.115/116/135/136 1137ccm 89→ 38kw(52PS)	75,5 4	IN	V366	441 01209 346.6	34x8x101,3	45	1				
		EX	V367	441 01209 347.6	30x8x101,8	45	1				
Favorit Forman 135,136 L/LK/LE/LS/LSK/LSE Eng.781.115/116/135/136 1289ccm 89→ 46kw(63PS)		IN	V370		+0,25d						
		EX									
Felicia 1.3 Eng. AMG 1289ccm 97→ 37kW(50PS)	75,5 4	IN	V513	047 109 601	34x8x101,5	45	1				
		EX	V514	047 109 611	30,1x8x101,5	45	1				

											
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA											
Fabia 1.4 Eng. AZF, AZE 1397ccm 44kW(60PS)	98→	75,5 4	IN	V703	047 109 601D	34x7x101,4	45 3	VV217 VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G
			EX	V704	047 109 611D	30,1x7x101,4	45 3	VV217 VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G
Fabia 1.4 Eng. AME, AQW, ATZ 1397ccm 50kW(68PS)	99→										
Fabia 1.2 HTP 6V Eng. AWY SOHC Eng. BMD, SOHC 1198ccm 40kW(54PS)	01→ 04→	76,5 3	IN	V1265	032 109 601L 03D 109 601B	34,5x6x99,2	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
			EX	V1110	030 109 611T 03D 109 611A	28x6x99,2	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Roomster 1.2 12V Fabia 1.2 HTP 12V Eng. AZQ, BME, BTS, DOHC 1198ccm 47kW(64PS)	06→ 03→	76,5 3	IN	V957	036 109 601AD 036 109 601S	29,5x6x100,9	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
			EX	V958	036 109 611K	26x6x100,5	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Fabia 1.4 16V Eng. AUA, AUB, AFH, BBY, BXW 1390ccm 55/74kW(75/101PS)	99→	76,5 4									
Octavia 1.4 16V Eng. AXP/BCA 1390/1360ccm 55kW(75PS)	00→	76,5 4	IN	V957	036 109 601AD 036 109 601S	29,5x6x100,9	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
			EX	V958	036 109 611K	26x6x100,5	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Fabia, 1.6FSi 16V Octavia, 1.6FSi 16V Eng. BLF, BTS 1598ccm 77/85kW(105/115PS)	07→ 04→										
Fabia 1.4i 16V Eng. AFH 1390ccm 74kW(100PS)	99→	76,5 4	IN	V1107	36 109 601P	29,5x6x97,9	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
			EX	V1108	36 109 611L	26x6x97,3	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Felicia 1.6 Octavia 1.6 Octavia Combi 1.6 Eng. AEE OHC 1598ccm 55kW(75PS)	96→ 96→ 98→	76,5 4	IN	V783	030 109 601AH	35,6x7x94,7	45 3	VV217 VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G
			EX	V784	032 109 611G	29x7x95	45 3	VV217 VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G

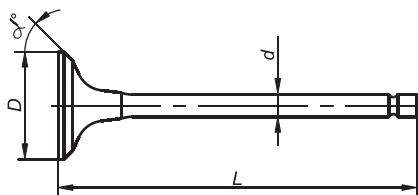
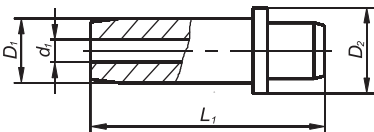
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA											
Felicia 1.6 95→ Fabia 1.6 95→ Eng. 1F 1595ccm 55kw(75PS)	81	IN	V796	035 109 601J 035 109 601K	38x8x91,9	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
	4	EX	V702B	053 109 611	33,2x8x91	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Octavia 1.6i 00→ Eng. AVU, BFQ, BGU, ALZ Eng. BSE, BSF 1595 ccm 75kW(102PS)	81	IN	V1379	06B 109 601D	39,4x6x93,8	45	3	VV393 VV393.1		6x12,07x36,4 +0,05	B F
	4	EX	V1380	06B 109 611C	32,9x6x93,8	45	3	VV393 VV393.1		6x12,07x36,4 +0,05	B F
Octavia 1.6 96→ Eng. AEH Motronic Injection Octavia 1.6 97→ Eng. AKL, AFT, AEH 1595ccm 74kW(101PS)	81	IN	V869	078 109 601B	39,5x7x91,9	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
	4	EX	V870	048 109 611B	32,9x7x91,2	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Octavia 2.0 98→ Eng. AQY, APK, AZH, AEQ Fabia 2.0 00→ Eng. AZL, AQY Superb 2.0 03→ Eng. AZM 1984ccm 85kW(115PS)	82,5										
	4										
Octavia 1.8i 20V 96→ Eng. ADR, AGN 1781ccm 92kW(125PS)	81	IN	V839*	058 109 601C * Retainer s.e. 5 mm	26,9x6x105,1	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
	4	EX	V840*	058 109 611M * Retainer s.e. 3,4 mm	29,9x6x103,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Octavia 2.8i V6 30V 02→ Eng. BBG	82,5										
	V6										
Superb 2.8i V6 30V 01→ Eng. AMX 2771ccm 140/142kW(190/193PS)											

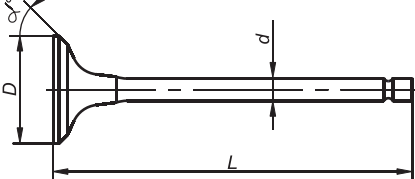
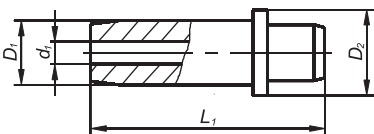
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA											
Octavia 1.8i 20V Turbo 97→ Eng. AEB, AGU, ARZ, AUQ, ARX, AUM Superb 1.8i 20V Turbo 01→ Eng. AWT 1781ccm 110/132kW(150/180PS)	81 4	IN	V839* * Retainer	058 109 601C s.e. 5 mm	26,9x6x105,1	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
		EX	V1634* * Retainer	058 109 611E s.e. 5 mm	29,9x6x103,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Octavia 2.0FSi 16V 04→ Eng. BLX, BLY, BLR, BVX, BVY, BVZ 1994ccm 110kW(150PS) Octavia 2.0 RS 16V 06→ Eng. BWA 1984ccm	82,5 4	IN	V1605	06D 109 601K	33,8x6x104	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
		EX	V1606	06D 109 611K/L	28x6x101,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Super B 1.8 TFSi 08→ Yeti 1.8 TFSi 08→ Octavia 1.8 TFSi 08→ Eng. CDAA 1798ccm	82,5 4	IN	V2027	06D 109 601M	33,8x6x104	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
		EX	V1606	06D 109 611L	28x6x101,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
ŠKODA DIESEL											
Superb 2.5 TDI 02→ Eng. AYM DOHC 2498ccm 114kw(155PS)	78,3 V6	IN	V879* * Retainer	059 109 601B s.e. 2,5 mm	27,1x6x100,5	45	3	VV272 VV272N VV272.1 VV215		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G
		EX	V880* * Retainer	059 109 611B s.e. 2,5 mm	24,1x6x100,5	45	3	VV272 VV272N VV272.1 VV216		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G
Superb 2.5 TDI 24V 02→ Eng. BDG DOHC 2496ccm 120kw(163PS)	78,3 V6	IN	V1277* * Retainer	059 109 601F s.e. 8,5 mm	27,1x6x100,6	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F
		EX	V1278* * Retainer	059 109 611G s.e. 8,5 mm	24,1x6x100,6	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F

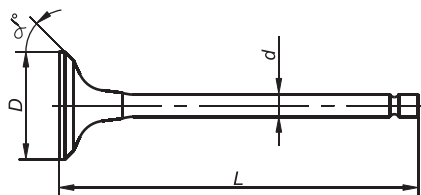
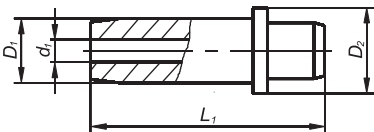
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA DIESEL											
Roomster 1.2 TDI Eng. CFWA 1199ccm	10→	79,5 3	IN	V2029	03L 109 601A	26,6x6x99,3	45 3				
			EX	V2030	03L 109 611A	24,5x6x99,1	45 3				
Fabia 1.4 TDi Eng. AMF Roomster 1.4 TDI Praktik 1.4 TDI Eng. BNM, BNV, BMS 1422ccm 51/55/59kW	03→	79,5 3	IN	V1663 V1663N1	038 109 601E	36x7x89,5 +0,5S	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			EX	V1664 V1664N1	038 109 611E	31,5x7x89 +0,5S	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
	06→	79,5 4									
	07→										
Octavia 1.6 TDI Eng. CAYC Fabia 1.6 TDI Yeti 1.6 TDI Eng. CAYB 1598ccm	09→	79,5 4	IN	V2029	03L 109 601A	26,6x6x99,3	45 3				
			EX	V2030	03L 109 611A	24,5x6x99,1	45 3				
Octavia 1.9 SDI Eng. AGP, AQM Felicia 1.9 D Eng. 1Y No 580001→ Eng. AEF No 007001→ 1836ccm 47/50kw(64/68PS)	97→	79,5 4	IN	V805 V805N1	028 109 601B	36x7x95,5 +0,5S	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			EX	V806 V806N1	028 109 611E	31,1x7x95,6 +0,5S	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Felicia 1.9 D Eng. AEF Octavia 1.9 D Eng. AGP, AQM 1896ccm 47/50kW(64/68PS) Octavia 1.9 SDi Eng. AEY 1896ccm 47kW(64PS)	95-96	79,5 4	IN	V697 V697N1 V697N3	069 109 601F	36x8x95,1 +0,5S +0,8S	45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
			EX	V698 V698N1 V698N3	074 109 611	31,2x8x95,1 +0,5S +0,8S	45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
	96-97										

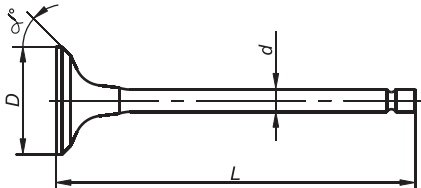
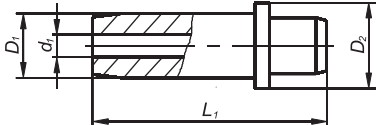
												
	CYL. Ø N _o	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ŠKODA DIESEL												
Felicia 1.9 D Octavia 1.9 D Eng. AGP, AEF 1896ccm 47/50kw(64/68PS)	95→ 97→ 47/50kw(64/68PS)	79,5 4	IN	V831 V831N1	028 109 601J +0,5S	36x7x96,5	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G	
Octavia 1.9 SDi Eng. AGP, AQM, AEY	97→		EX	V832 V832N1	028 109 611K +0,5S	31,5x7x96,3	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G	
Fabia 1.9 SDi Eng. ASY 1896ccm 47/50kw(64/68PS)	00→											
Octavia 1.9 TDi Eng. AGR, ALH Turbo 1896ccm 66kw(90PS)	96→	79,5 4	IN	V811 V811N1	028 109 601D +0,5S	36x7x96,9	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G	
Fabia 1.9 TDi Octavia 1.9 TDi Eng. AHF, ASV Turbo Intercooled 1896ccm 81kw(110PS)	99→ 97-01		EX	V812 V812N1	028 109 611G +0,5S	31,4x7x96,9	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G	
Fabia 1.4 TDi Eng. AMF 1422ccm 55kw(75PS)	03→	79,5 3	IN	V919 V919N1 V919N3	038 109 601B +0,5S +1,0S	36x7x90	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G	
			EX	V920 V920N1 V920N3	038 109 611B +0,5S +1,0S	31,5x7x90	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G	
			EX	V1832	038 109 611F +0,5S	31,5x7x89,5	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G	

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA DIESEL											
Fabia 1.9 TDi 00→ Octavia 1.9 TDi 00→ Eng. ATD, ASZ, AXR Turbo Intercooled 1896ccm 74kw(101PS)	79,5 4	IN	V919	038 109 601B	36x7x90	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
			V919N1		+0,5S			VV151N		+0,05	G
			V919N3		+1,0S			VV151.1		+0,15	
			EX V920	038 109 611B	31,5x7x90	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
Superb 1.9 TDi 01→ Eng. AVB, AVF, AWX 1896ccm 74/96kW(100/130PS)		EX	V920N1		+0,5S			VV151N		+0,05	G
			V920N3		+1,0S			VV151.1		+0,15	
			EX V1832	038 109 611F	31,5x7x89,5	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
								VV151N		+0,05	G
New Fabia 1.9 TDi 07→ Octavia 1.9 TDi 04→ Romster 1.9 TDi 06→ Superb 1.9 TDi 08→ Eng. BLS, BXE, BSW, BXE, BLS, BKC, BJB 1896ccm 77kW(105PS)	79,5 4	IN	V1663	038 109 601E	36x7x89,5	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
			V1663N1		+0,5S			VV151N		+0,05	G
								VV151.1		+0,15	
			EX V1664	038 109 611E	31,5x7x89	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
		EX	V1664N1		+0,5S			VV151N		+0,05	G
								VV151.1		+0,15	
Octavia 1.9 TDi 97→ Eng. 1Z 1896ccm 66kw(90PS)	79,5 4	IN	V821	028 109 601H	36x8x96,8	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
			V821N1		+0,5S			VV76.1		+0,05	G
								VV76.2		+0,15	
								VV76.3		+0,25	
		EX	V822	046 109 611F	31,5x8x96,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
			V822N1		+0,5S			VV76.1		+0,05	G
								VV76.2		+0,15	
								VV76.3		+0,25	
Octavia 2.0 TDI PD16V 04→ Fabia 2.0 TDI PD16V 07→ Eng. BKD 1968 ccm 103kW(140PS)	81 4	IN	V1607	03G 109 601B	29,2x6x87,8	45	3	VV272		6x10,07x42	B
								VV272N		+0,05	F
								VV272.1		+0,15	
								VV215		6x11,5/10,07x41,5	B
		EX	V1608	03G 109 611D	25,4x6x87,5	45	3	VV272		6x10,07x42	B
								VV272N		+0,05	F
								VV272.1		+0,15	
								VV216		6x11,5/10,07x41,5	B
											G

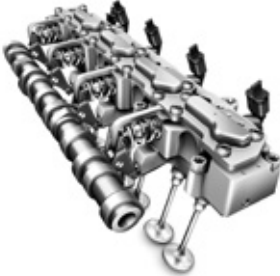
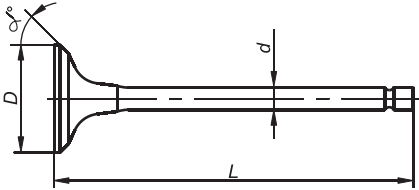
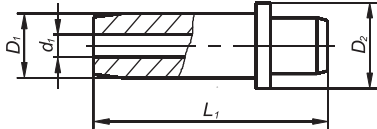
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ŠKODA DIESEL												
Octavia 2.0TDI RS 16V Eng. CBAA, CBAB Eng. CBBA, CBBB 1968 ccm	08→	81	IN	V1693	03L 109 601	28,1x6x99,3	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
		4							VV215		6x11,5/10,07x41,5	B G
			EX	V1694	03L 109 611	26x6x99,1	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
									VV216		6x11,5/10,07x41,5	B G
Yeti 2.0 TDI Eng. CLCA, CFHA, CFHF 1968ccm	09→	81	IN	V2029	03L 109 601A	26,6x6x99,3	45	3				
		4	EX	V2030	03L 109 611A	24,5x6x99,1	45	3				
Superb 2.0 TDi Eng. BMP 1968ccm	09→	81	IN	V1663 V1663N1	038 109 601E	36x7x89,5 +0,5S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
		4	EX	V1664 V1664N1	038 109 611E	31,5x7x89 +0,5S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Superb V6 30V Eng. AMK, BBG 2771ccm	01→	82,5	IN	V1609	059 109 601G	28,6x6x99,3	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F
		V6	EX	V1610	059 109 611K	26,8x6x99,2	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F
SMART												
Smart Eng. M160 599ccm	98→	63,5	IN	V1125	1600530001	30x6x89,3	45	1	VV562 VV562N		6x12,56x35 +0,05	G F
		3	EX	V1126	1600500027	25x6x89,3	45	1	VV562 VV562N		6x12,56x35 +0,05	G F
Crossblade 600 Eng. M160 599ccm	02→											

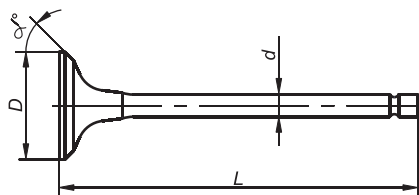
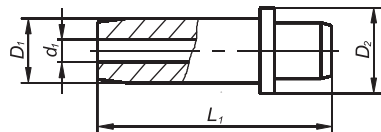
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SMART											
Smart City Fortwo Roadster Eng. M160.910 698ccm	03→ 04→ 03→	63,5 3	IN EX	V1125 V1126	1600530001 1600500027	30x6x89,3 25x6x89,3	45 45	1 1	VV562 VV562N VV562 VV562N	 6x12,56x35 +0,05 6x12,56x35 +0,05	G F G F
Fortwo 1.0 Turbo Fortwo 1.0 Brabus Eng. M132.930 999ccm	08→ 08→	72 3	IN EX	V2137 V2138	132 053 0001 132 053 0005	28x5x85,5 25x5x86,9	45 45	1 1	VV489 VV489	 5x10,56x34,5 5x10,56x34,5	G F G F
Fourfour 1.1 12V Eng. M134E11 1124ccm Fourfour 1.3 16V Eng. M135E13 1332ccm Fourfour 1.5 16V Eng. M135E15 1499ccm	04→	75 3 4	IN EX	V1861 V1862	1350530001 1350530005	30,4x5x89,6 25,4x5x90,9	45 45	1 1	VV489 VV489	 5x10,56x34,5 5x10,56x34,5	G F G F
SMART DIESEL											
Smart 800 CDi Eng. OM660,950 799ccm 33kW(45PS)	93→	65,5 3	IN EX	V1597 V1598	660 053 0101 Q0004570V003 660 053 0005 Q0004569V003	27,6x6x91,2 25,2x6x91,2	45 45	3 3	VV398 VV398N VV398 VV398N	 6x11,57x34,4 +0,03 6x11,57x34,4 +0,03	G F G F
Smart 1.5 DCi Fourfour Eng. OM639.939 1493ccm 50/70kW(68/95PS)	05→	4	IN EX	V1743 V1744	642 053 0401 642 050 0527	28,5x6x102,3 25,4x6x102,3	45 45	3 3	VV398 VV398N VV398 VV398N	 6x11,57x34,4 +0,03 6x11,57x34,4 +0,03	G F G F

												
		CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1		2	3	4	5	6	7	8	9	10	11	12
SSANG YONG												
Korando 2.0i 16V Musso 2.0i 16V Eng. M111 1998ccm 100kW(136PS)	97→	89,9	IN	V1229	111 053 1101	35x7x101,5	45	1	VV185	606 053 0230	7x12,56x37,5	G
	96→	4							VV185N		+0,05	F
									VV185.1	606 053 0330	+0,20	
			EX	V1230	111 050 1227	31x7x103,5	45	1	VV185	606 053 0230	7x12,56x37,5	G
Charman 2.8 24V Eng. M104 2799ccm	97→	89,9							VV185N		+0,05	F
		6							VV185.1	606 053 0330	+0,20	
Charman 3.2i 24V Korando 3.2i 24V Musso 3.2i 24V Rexton 3.2i 24V Eng. M104 3199ccm	97→											
	96→											
	96→											
	96→											
Korando 3.2i 24V Musso 3.2i 24V Rexton 3.2i 24V Eng. M111 3199ccm 156/162kW(212/220PS)	96→	89,9	IN	V1547	111 053 0101	35x7x101,5	45	3	VV185	606 053 0230	7x12,56x37,5	G
	96→	6			111 053 0201				VV185N		+0,05	F
	96→								VV185.1	606 053 0330	+0,20	
			EX	V1548	111 050 0527	31x7x103,5	45	3	VV185	606 053 0230	7x12,56x37,5	G
									VV185N		+0,05	F
									VV185.1	606 053 0330	+0,20	
Korando 2.3i 16V Musso 2.3i 16V Eng. M111 2295ccm 110kW(150PS)	97→	90,9	IN	V1229	111 053 1101	35x7x101,5	45	1	VV185	606 053 0230	7x12,56x37,5	G
	96→	4							VV185N		+0,05	F
									VV185.1	606 053 0330	+0,20	
			EX	V1230	111 050 1227	31x7x103,5	45	1	VV185	606 053 0230	7x12,56x37,5	G
									VV185N		+0,05	F
									VV185.1	606 053 0330	+0,20	

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SSANG YONG DIESEL											
Rexton 2.7XDI 20V Eng. R665 2696ccm 121kW(164PS)	02→ <										

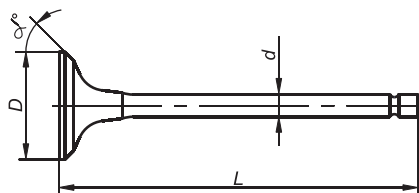
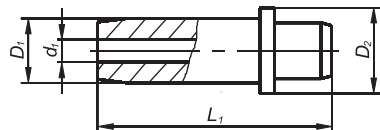
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
STEYR											
200 GE 4x4 2.0D ENG. M102 1997ccm 84→ 80kw(109PS)	89,4	IN	V991	102 053 1801	43x8x115	45	1	VV263 VV263N VV263.1	102 050 8924	8x14,05x46 +0,05 +0,20	B F1
		EX	V992	102 050 0327	39x9x115,8	45	1	VV264 VV264N VV264.1	102 050 0562 102 050 0362	9x14,05x51 +0,05 +0,20	B F1
G320 (Steyr) 3.2 18V ENG. M112.945 3199ccm 98→ 158kw(215PS)	89,96	IN	V1551	113 053 0101	36x7x119,4	45	1	VV346 VV346.1 VV346.2	113 053 0329 113 053 0429	7x12,56x50 +0,20 +0,60	G F
		EX	V1552	113 050 0227	41x7x122,3	45	1	VV346 VV346.1 VV346.2	113 053 0329 113 053 0429	7x12,56x50 +0,20 +0,60	G F
G320 4WD 3.2 24V Eng. M110 3199ccm 93→ 115kW(156PS)	89,94	IN	V1547	111 053 0201	35x7x101,5	45	3	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
		EX	V1548	111 050 0527	31x7x103,5	45	3	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
230 GE 4x4 2.3D ENG. M102 2299ccm 82-84 92kw(125PS)	95,54	IN	V993	102 053 1701	46x8x114,9	45	1	VV263 VV263N VV263.1	102 050 8924	8x14,05x46 +0,05 +0,20	B F1
		EX	V992	102 050 0327	39x9x115,8	45	1	VV264 VV264N VV264.1	102 050 0562 102 050 0362	9x14,05x51 +0,05 +0,20	B F1
230 GE 4x4 2.3D ENG. M102 2299ccm 84→ 79/92kw(108/125PS)		IN	V993	102 053 1701	46x8x114,9	45	1	VV263 VV263N VV263.1	102 050 8924	8x14,05x46 +0,05 +0,20	B F1
		EX	V992	102 050 0327	39x9x115,8	45	1	VV264 VV264N VV264.1	102 050 0562 102 050 0362	9x14,05x51 +0,05 +0,20	B F1
G500 (Steyr) 5.0 24V ENG. M113.962 4966ccm 98→ 218/225kw(296/306PS)	976	IN	V1553	113 053 0201	38x7x119,1	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
		EX	V1554	113 050 0327	43x7x121,8	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F

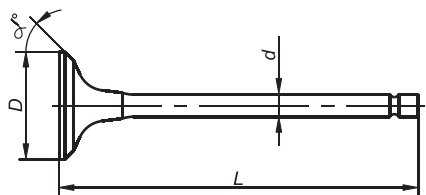
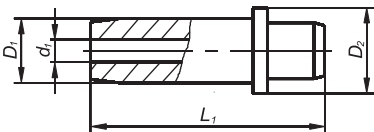
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
STEYR DIESEL												
ENG. OM615 City Bus 2.0 D 1988ccm 40kw(55PS)	68-79	87 4	IN EX	V651 V651N3 V652 V652N3	615 053 0101 615 053 0705	38,8x10x131,5 +1,0S 33,2x10x131 +1,0S	60 60	17 17	VV117 VV117.1 VV117.2 VV118 VV118.1 VV118.2	616 053 0329 616 053 0429 616 053 0330 616 053 0430	10x14,03x60 +0,05 +0,20 10x14,03x48,5 +0,05 +0,20	G A1 G A1
ENG. OM602 250 GD 4x4 2.5 D 2497 ccm 66kw(90PS)	85→	87 5	IN EX	V653 V653N1 V653N2 V653N3 V653N4 V653N5 V912 V912N1 V912N2 V912N3 V912N4 V912N5	601 053 1701 601 050 2327 601 050 2127	38x8x106,4 +0,5S +0,8S +1,0S +1,2S +1,0L 35x9x106,4 +0,5S +0,8S +1,0S +1,2S +1,0L	45 45	1 1	VV153 VV153N VV153.1 VV153.2 VV154 VV154N VV154.1 VV154.2	601 050 0624 601 050 0724 601 050 0824 601 050 0924 601 050 1024 601 050 1124	8x14,03x39,5 +0,05 +0,20 +0,40 9x14,03x37,5 +0,05 +0,20 +0,40	G F1 G F1
G300 TD Eng. OM 606.964 2996ccm 130kw(177PS)	98→	87 6	IN IN EX EX EX	V907 V1059 V1054 V1060 V908	 26x7x105,7	29x6x105,4 29x6x105,4 26x6x105,7 26x6x105,7	45 45 45 45	1 3 1 3 1	VV218 VV218N VV218.1 VV218 VV218N VV218.1 VV218 VV218N VV218.1 VV185 VV185N VV185.1	 +0,05 +0,20 +0,05 +0,20 +0,05 +0,20 +0,05 +0,20 +0,05 +0,20	6x12,56x37,5 6x12,56x37,5 +0,05 +0,20 6x12,56x37,5 +0,05 +0,20 6x12,56x37,5 +0,05 +0,20 7x12,56x37,5 +0,05 +0,20	G F G F G F G F

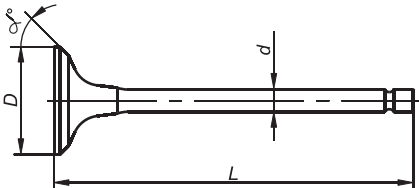
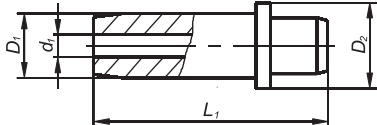
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
STEYR DIESEL												
ENG. OM 616 240GD 4x4 2.4 D 2399ccm 53kw(72PS)	79→ 	90,9 4	IN	V655 V655N3	616 053 0301	39,8x10x131,5 +1,0S	60	17	VV117 VV117.1 VV117.2	616 053 0329 616 053 0429	10x14,03x60 +0,05 +0,20	G A1
ENG. OM 617 300 GD 4x4 3.0 2998ccm 65kw(88PS)	79→ 		EX	V656 V656N3	616 050 0527	34,2x10x131 +1,0S	60	17	VV118 VV118.1 VV118.2	616 053 0330 616 053 0430	10x14,03x48,5 +0,05 +0,20	G A1
ENG. WD 407 3077ccm 38kw(52PS)	 	98 4	IN	V177	407 0501	41,9x9x142,5	45	9				
ENG. WD 408 3140ccm 38/47kw(52/63PS)	68→ 	100 4	EX	V178	407 0502	36,9x9x142,5	45	9				
ENG. WD 311.40 2592 ccm 35kw(48PS)	79→ 	100 3	IN	V349	311 0005 0014	42x9x142,5	45	1				
ENG. WD 411.41 3456ccm 43kw(59PS)	79→ 	100 4	EX	V350	311 0005 0015	37x9x142,5	45	1				
ENG. WD 611.40 5184ccm 63kw(85PS)	79→ 	100 6										
8075 WD 411.45 3456 ccm 47kw(64PS)	84-94 	100 4	IN	V2381	611 60 05 0001	45x9x142,5	55	1				
8080 WD 411.65 3456 ccm 51kw(69PS)	80-85 		EX	V2382	611 60 05 0002	36,9x9x142,5	45	1				
8080 WD 611.85 5184 ccm 74kw(100PS)	78→ 											
8120 WD 611.85 5184 ccm NEW	78-84 											

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
STEYR DIESEL											
ENG. WD 609 5976ccm 88/100kw(120/135PS)	62-68 6	IN	V535 V535N3	609 F05 0002	45x10x149,5 +1,5S	45	1	VV93	609 F040 038	10x16,03x80	G A
ENG. WD 610 5976ccm 97kw(132PS)	70-79	EX	V345 V345N3	610 6005 0002	39x10x149,5 +1,5S	45	1	VV94	609 F040 039	10x16,03x68	G A6
ENG. WD 612 6595ccm 88/106kw(120/145PS)	77→ 6	108									
6S10/8S10 Eng. 0824 FL 01 Euro 1 4580ccm 66/75kw(90/112PS)	108 4	IN	V932		49x10x136,6	60	1	VV189		10x16,03x60	G F2
8S15/9S15 Eng. 0824 LFL 01 Eng. 0824 FL 01 Euro 1 4580ccm 114kw(155PS)		EX	V746		42x10x136,3	45	1	VV190		10x16,03x55	G F
8S16/9S16 Eng. 0824 LFL 02 Euro 2 4580ccm 118kw(160PS)	108 4	IN	V932		49x10x136,6	60	1	VV189		10x16,03x60	G F2
8S22/9S22 Eng. 0826 LFL 03 Euro 2 6871ccm 162kw(220PS)		EX	V746		42x10x136,3	45	1	VV190		10x16,03x55	G F
8S22/9S22 Eng. 0826 LFL 06 Euro 1 6871ccm 162kw(220PS)	6										
ENG. WD 614 - Turbo 990-1290-1490 LKW 8143ccm 169kw(230PS)	67-79 6	IN	V346	614 6005 0007	50,9x12x158,5	55	1				
		EX	V347	615 6005 0006	48,9x12x158,4	45	1				
ENG. 612.63/65- Turbo		IN	V634 V634N3	610 6005 0001	48x10x149,5 +1,5S	55	1	VV93	609 F040 038	10x16,03x80	G A
		EX	V345 V345N3	610 6005 0002	39x10x149,5 +1,5S	45	1	VV94	609 F040 039	10x16,03x68	G A6

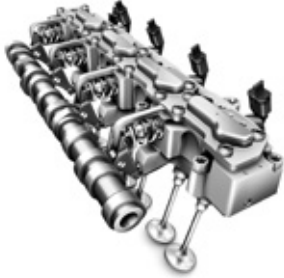
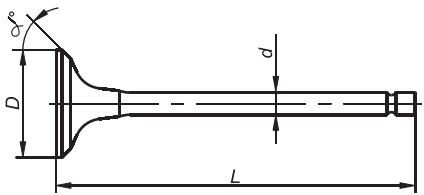
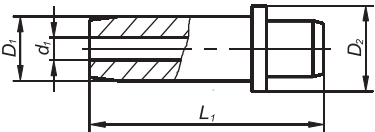
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
STEYR DIESEL											
ENG. WD 615.68/78 – Turbo 9726ccm	86→ 225kw(306PS)	126 6	IN	V683	615 6005 0022	50,9x11x159,4	55 1	VV84	615 6004 0033	11x16,03x81	G F6
ENG. WD 815.66 – Turbo 11970ccm	87→ 270kw(367PS)	126 8	EX	V684	615 6005 0027	48,9x11x158,4	45 1	VV84	615 6004 0033	11x16,03x81	G F6
SUBARU											
Trezia 1.3 16V Eng. 1NR – FE 1329ccm	11→	72,5 4	IN EX	V2139 V2140	13711–47010 13715–47010	28,9x5,5x103,4 24,3x5,5x104,6	45 1 45 1				
Justy G3X 1.3 16V Eng. M13A 1328ccm	04→ 59kW(80PS)	4	IN EX	V1471 V1472	12911–54G00 12915–54G00 12915–54G50	30x5,5x101 25x5,5x99	45 1 45 1	VV394 VV394	11115–54G00 11115–54G00	5,5x10,61x40 5,5x10,61x40	G F6 G F6
Impreza 16V Eng. EL15 1500ccm	06→ 77kW(105PS)		IN EX	V2007 V2008		29,3x6x104,5 24x6x105,7	45 1 45 1				
Justy 1.3i 16V Eng. 13B/BB – Suzuki 1298ccm	95→ 50kW(68PS)	74 4	IN IN EX EX	V1335 V1619 V1336 V1620	12911–71C00 12915–71C00	29,2x5,5x92,2 31x6,6x100,9 25x5,5x79,9 33x6,6x101	45 1 45 1 45 1 45 1	VV563 VV563N VV563 VV563N	11115–60B11 11115–60B11	5,5x11,07x32 +0,05 5,5x11,07x32 +0,05	G F6 G F6
Justy 1.3i 16V Eng. G13B – Suzuki 1298ccm	95→ 63kW(86PS)	74 4	IN EX	V1307 V1308	12911–82000 12915–82000	36x7x115,5 30x7x114,5	45 1 45 1	VV418 VV418N VV418 VV418N	11116–73010 11116–73010	7x12,06x48 +0,05 7x12,06x48 +0,05	G P G P
Justy 1.3i 16V Eng. G13B/BB – Suzuki 1298ccm	95→ 50kW(68PS)	74 4	IN EX	V1335 V1336	12911–71C00 12915–71C00	29,2x5,5x92,2 25x5,5x79,9	45 1 45 1	VV563 VV563N VV563 VV563N	11115–60B11 11115–60B11	5,5x11,07x32 +0,05 5,5x11,07x32 +0,05	G F6 G F6
Impreza 1.5 1498ccm	10→	4	IN EX	V2357 V2358	13201–AA530 13202–AA560	29,3x6x104,4 24x6x105,7	45 1 45 1				

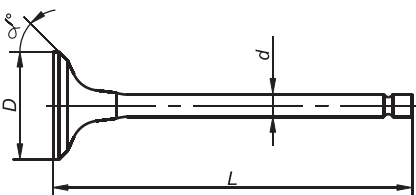
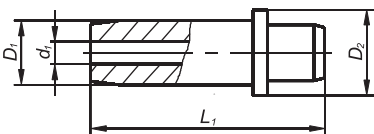
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SUBARU												
Traviq 2.2i 16V Eng. Z22XE 2198ccm 106kW(144PS)	01→	86 4	IN	V511		32x6x102,1	45	3	VV163 VV163.1 VV163.2		6x10,04x45 +0,03 +0,20	G F
			EX	V512		29x6x92,2	45	3	VV163 VV163.1 VV163.2		6x10,04x45 +0,03 +0,20	G F
Impreza 1.6 16V Eng. EJ16 1597ccm 70kW(95PS)	99→	87,9 4	IN	V1925	13201-AA420	32,5x6x120,6	45	1	VV440	13212-AA040	6x11,09x52,5	G P
			EX	V1926	13202-AA430	28,5x6x121,7	45	1	VV440	13212-AA040	6x11,09x52,5	G P
Impeza 2.0 16V Eng. EJ20 1998ccm 85kW(115PS)	95→	92 4	IN	V1243	13201-AA340	36x6x105,9	45	1				
			EX	V1244	13202-AA320	32x6x106,2	45	1				
Impreza 2.0i 16V Legacy 2.0i 16V Eng. EJ20 1994ccm	99→	92 4	IN	V1927	13201-AA430	34x6x120,6	45	1	VV440	13212-AA040	6x11,09x52,5	G P
	99→		EX	V1928	13202-AA440	32x6x104,7	45	1	VV440	13212-AA040	6x11,09x52,5	G P
Forester 2.0i 16V Legacy 2.0i 16V Eng. EJ20J 1994ccm 85/92kW(116/125PS)	98→ 04→	92 4	IN	V1809	13201-AA351	34x6x120,6	45	1	VV440	13212-AA040	6x11,09x52,5	G P
			EX	V1810	13202-AA361	30x6x121,6	45	1	VV440	13212-AA040	6x11,09x52,5	G P
Eng. H6			IN									
			EX	V2226	13202-AA530	30,5x5,5x105,2	45	1				
Eng. G11			IN									
			EX	V2224	13202-AA381	32x6x104,7	45	1				
			IN	V2179		35x5,5x99,8	45	16				
			EX	V2180		30,5x5,5x105,25	45	1				

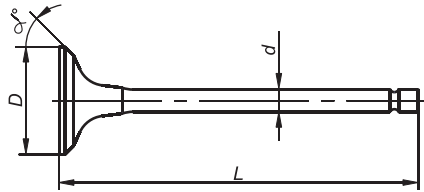
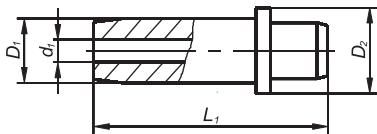
	CYL. Ø Nº	IN EX										
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1	2	3	4	5	6	7	8	9	10	11	12	
SUBARU												
Forester 2.0T 16V Impreza WRX 2.0T 16V Eng. EJ20G Turbo 1994ccm 155/195kW(210/265PS)	97→ 96→	92 4	IN EX	V1811 V1812	13201-AA371 13201-AA390 13202-AA400 13202-AA411	35,9x6x104,4 32x6x104,6	45 45	1 1	VV440 VV440	13212-AA040 13212-AA040	6x11,09x52,5 6x11,09x52,5	G P G P
Forester 2.5T 16V Eng. EJ25 Turbo 2457ccm 155/169kW(210/230PS)	04→											
Forester 2.0 16V Eng. EJ 20 1994ccm 92kw(125PS) Legacy 2.2 16V Impreza 2.2 16V Eng. EJ 22 2212ccm 94/100kw(128/136PS)	01→ 90→	97 4	IN EX	V1401 V1402	13201-AA080 13202-AA110	32,5x6x101 28x6x101,2	45 45	1 1	VV440 VV440	13212-AA040 13212-AA040	6x11,09x52,5 6x11,09x52,5	G P G P
Legacy 2.5 16V Outback 2.5 16V Eng. EJ 25 2457ccm 115/156kW(155/211PS)	04→ 01→	99,5 4	IN EX	V1403 V1404	13201-AA361 13202-AA371	36x6x120,6 31,4x6x121,7	45 45	1 1	VV440 VV440	13212-AA040 13212-AA040	6x11,09x52,5 6x11,09x52,5	G P G P
SUBARU DIESEL												
Justi 1.3 TDi 16V Eng. Z13DT 1248ccm 51/55kW(69/75PS) * Eng. Euro 5	03→	69,6 4	IN IN EX EX	V1413 V1873 V1414 V1874	641 072 641 071	21,7x6x109,2 22,45x6x109,2 21,7x6x109,2 22,5x6x109,2	45 45 45 45	3 3 3 3	VV391 VV391.1 VV391.2 VV391 VV391.1 VV391.2	 642 065 642 066 642 065 642 066	6x10,03x43,2 +0,03 +0,23 6x10,03x43,2 +0,03 +0,23	G F3 G F3 G
Trezia 1.4D Eng. 1ND-TV 1364ccm		73 4	IN EX	V1487 V1488		30,6x6x100 28x6x99,8	45 45	1 1	VV374 VV374	11122-30020 11122-30020	6x11,09x40,6 6x11,09x40,6	G P G P

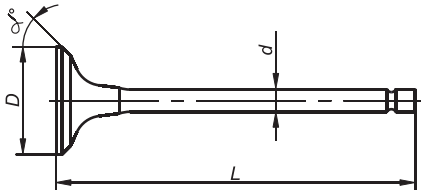
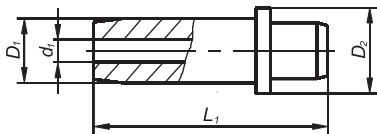
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SUZUKI												
Alto 600 / Carry 600 Fronte 600 / Cervo 600 Eng. F5A 543ccm 21kW(29PS)	82-85	62 3	IN	V1951	12911-M73012 12911-84000	31,5x7x110	45	1				
			EX	V1952	12915-M73012 12915-84000 12915-84010	27,4x7x109,8	45	1				
Alto 600 / Carry 600 Cervo 600 Eng. F5B 543ccm 25kW(34PS)	88→											
Jimny SJ40 1.0 Super Carry 1.0 Samurai 1.0 Eng. F10A 970ccm 38kW(52PS)	83→ 85→ 88→	65,5 4	IN	V1307	12911-82000	36x7x115,5	45	1	VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P
			EX	V1308	12915-82000	30x7x114,5	45	1	VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P
Swift 1.0 Cultus AA41 1.0 Eng. G10A/B 993ccm 44kW(60PS)	83→ 83→	74 3										
Jimny SJ413 1.3 Samurai 1.3 Swift, Cultus 1.3 Eng. G13A 1325ccm 38/44kW(52/60PS)	83→ 81→ 84→	74 4	IN	V1307	12911-82000	36x7x115,5	45	1	VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P
			EX	V1308	12915-82000	30x7x114,5	45	1	VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P
Wagon R 1.0 16V Eng. K10A 996ccm 48kW(65PS)	98→	68 4	IN	V1815	12911-73G00 12911-73G01	24,6x5,5x80,2	45	1	VV488	11115-73G01	5,5x10,61x29,4	G F6
			EX	V1816	12915-73G00 12915-73G20	21,5x5,5x81,3	45	1	VV488	11115-73G01	5,5x10,61x29,4	G F6
Alto 1.0 Eng. G10B 993ccm 39/43kW(53/58PS)	98→	4	IN	V1817	12911-M72F10	34x7x117,5	45	1	VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P
			EX	V1818	12915-M72F10	28,1x7x116,3	45	1	VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P
Alto 1.1 Eng. RF410 1061ccm	04→	4	IN	V1813	12911-M84400 12911-M84420	26,6x5,5x90,5	45	1				
			EX	V1814	12915-M84400 12915-M84440	23,4x5,5x87,1	45	1				

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SUZUKI											
Swift 1.3i Eng. G13B 1298ccm 50kW(68PS)	91→96	71	IN	V1145	MD-016460 22211-21010	34x6,6x102,1	45	1			
		4	EX	V1146	MD-016461 22212-21004	30x6,6x100,9	45	1			
Wagon R 1.2 Eng. K12A 1171ccm	98→	71	IN	V1815	12911-73G00 12911-73G01	24,6x5,5x80,2	45	1	VV488	11115-73G01	5,5x10,61x29,4 G F6
		4	EX	V1816	12915-73G00 12915-73G20	21,5x5,5x81,3	45	1	VV488	11115-73G01	5,5x10,61x29,4 G F6
Splash 1.0 12V Eng. K10B 996ccm	08→	73	IN	V1923	4708925 9319374 12911-51K00	27,5x5,5x87,5	45	1	VV498	4709231	5,5x10,6x34 G F
Splash 1.2 16V Eng. K12B 1242ccm	07→		EX	V1924	4708933 93193762	22,9x5,5x87,1	45	1	VV498	4709231	5,5x10,6x34 G F
Swift IV 1.2 16V Splash 1.2 16V Eng. K12B VVT 1242ccm	10→ 10→	73 4	IN	V2111	12911-69L00-000	27,5x5x87,5	45	1			
			EX	V2112	12915-69L00-000 12915-69LG0-000	22,9x5x87,1	45	1	VV596		5x10,56x36 G P
Carri 1.3 Swift 1.3 Eng. G13B OHC 1298ccm 50kW(68PS)	89→ 89→	74 4	IN	V1335	12991-71C00 12911-71C00	29,2x5,5x92,2	45	1	VV563 VV563N	11115-60B11	5,5x11,07x32 +0,05 G F6
Carri 1.3 16V Jimny 1.3 16V Cultus GTi/GXi 1.3 16V Eng. G13B/BB DOHC 1298ccm 74kW(101PS)	99→ 98→ 87→		EX	V1336	12915-71C00 12915-71C50	25x5,5x79,9	45	1	VV563 VV563N	11115-60B11	5,5x11,07x32 +0,05 G F6
Baleno Wagon 1.3 16V Eng. SY413 DOHC 1298ccm 63kW(86PS)	95→	74 4	IN	V1335	12991-71C00 12911-71C00	29,2x5,5x92,2	45	1	VV563 VV563N	11115-60B11	5,5x11,07x32 +0,05 G F6
			EX	V1336	12915-71C00 12915-71C50	25x5,5x79,9	45	1	VV563 VV563N	11115-60B11	5,5x11,07x32 +0,05 G F6

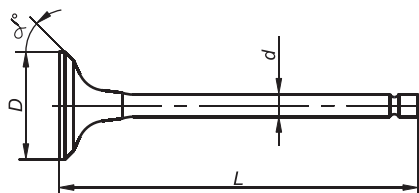
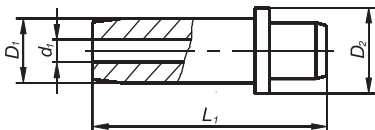
			CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12		
SUZUKI													
Vitara 1.6 16V Escudo 1.6 16V Eng. GA16A 1590ccm 70kW(95PS)	86→ 91→	75 4	IN EX	V1335 V1336	12991-71C00 12911-71C00 12915-71C00 12915-71C50	29,2x5,5x92,2 25x5,5x79,9	45 45	1 1	VV563 VV563N VV563 VV563N	11115-60B11 11115-60B11	5,5x11,07x32 +0,05 5,5x11,07x32 +0,05	G F6 G F6	
Baleno Wagon 1.6i 16V Vitara 1.6i 16V Grand Vitara 1.6i 16V Eng. SY416, SQ416 1590ccm 70/79kW(96/107PS)	95→ 90→ 97→												
Jimny 1.3 16V Swift 1.3 16V Eng. G13BB 1328ccm 59kW(80PS)	04→ 06→	74 4	IN EX	V1471 V1472	12911-54G00 12915-54G00 12915-54G50	30x5,5x101 25x5,5x99	45 45	1 1	VV394 VV394	11115-54G00 11115-54G00	5,5x10,61x40 5,5x10,61x40	G F6 G F6	
Grand Vitara 1.6 16V Ignis 1.6 16V Justy 1.6 16V Liana 1.6 16V Swift 1.6 16V SX4 1.6 16V Eng. M16A 1586ccm 78/92kW(106/125PS)	05→ 03→ 01→ 05→ 06→	78 4											
Vitara 1.6 Escudo 1.6 Santana 1.6 Eng. G16A OHC 1590ccm 60kW(81,5PS)	88→ 86→ 88→	4	IN EX	V1577 V1578	12911-60A10 12915-60A50	36,5x7x115,6 32,5x7x114,5	45 45	1 1	VV418 VV418N VV418 VV418N	11116-73010 11116-73010	7x12,06x48 +0,05 7x12,06x48 +0,05	G P G P	
Swift GTi 16V Eng. G13B 1298ccm	89→	75 4	IN EX	V1979 V1980	12911-86500 12915-86500	29x5,5x105,3 24,1x5,5x104,6	45 45	1 1	VV296 VV296N VV296 VV296N	11115-62D00 11115-62D00	5,5x11,05x43 +0,05 5,5x11,05x43 +0,05	G P G P	
Ignis 1.3 16V Jimny 1.3 16V Liana 1.3 16V Swift 1.3 16V Eng. M13A 1328ccm 60/66kW(82/90PS)	00→ 04→ 01→ 01→	78 4	IN EX	V1635 V1636	12911-69G00 12915-69G00	30x6x100,8 25x6x99	45 45	1 1	VV565 VV565N VV565 VV565N	11115-69G00 11115-69G00	6x11,1x40 +0,03 6x11,1x40 +0,03	G P6 G P6	

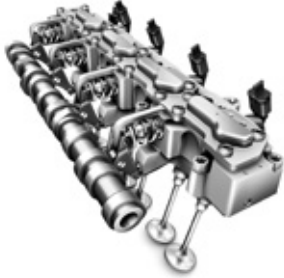
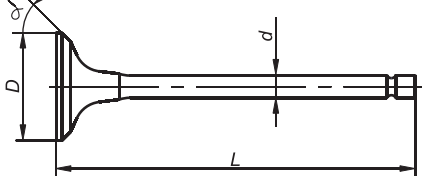
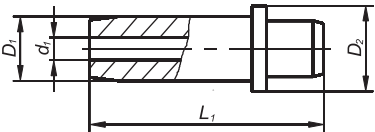
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SUZUKI												
Liana 1.6i 16V Eng. M16A 1586ccm	02→04	78 4	IN EX	V1635 V1636	12911-69G00 12915-69G00	30x6x100,8 25x6x99	45 45	1 1	VV565 VV565N VV565 VV565N	11115-69G00 11115-69G00	6x11,1x40 +0,03 6x11,1x40 +0,03	G P6 G P6
Baleno 1.8 16V Eng. G18 1840ccm	94→	84 4	IN EX	V2141 V2142	12911-86FA0 12911-86F50 12915-86F50	33x6x86,3 28x6x85,9	45 45	1 1	VV564 VV564N VV564 VV564N	115-85FA0-001 115-85FA0-001	6x11,07x35 +0,05 6x11,07x35 +0,05	G P G P
Grand Vitara Sx4 V6 2.7L NEW			IN EX	V2405 V2406	12911-65J01 12915-65J01	33x6x93,6 27,9x6x93,3	45 45	1 1				
SUZUKI DIESEL												
Wagon 1.3DDiS 16V Ignis 1.3DDiS 16V Swift 1.3DDiS 16V Eng. D13A Eng. Z13DT 1248ccm 51kW(69PS)	04→ 03→ 05→	69,6 4	IN IN EX EX	V1413 V1873 V1414 V1874	12911-85E00 12911-68L10-000 12915-85E00 12915-68L10-000	21,7x6x109,2 22,45x6x109,2 21,7x6x109,2 22,5x6x109,2	45 45 45 45	3 3 3 3	VV391 VV391.1 VV391.2 VV391 VV391.1 VV391.2	 642 065 642 066 642 065 642 066	6x10,03x43,2 +0,03 +0,23 6x10,03x43,2 +0,03 +0,23	G F3 G F3
Liana 1.4 DDiS Eng. RB 414D/8HY 1398ccm 66kW(90PS)	04→	73,7 4	IN EX	V1457 V1458	12911-73J00 12915-73J00	24,3x5,5x96,4 22,4x5,5x96,6	45 45	3 3	VV399 VV399N VV399 VV399N		5,5x9,56x34 +0,05 5,5x9,56x34 +0,05	G A G A
Jimny 1.5 DCi Eng. K9K 700 Turbo Engine Renault 1461ccm 60kW(82PS)	03→	76 4	IN EX	V979 V980	13201-BN700 7701 473 184 13202-BN700 7701 473 183	33,4x6x101 28,9x6x100,8	45 45	3 3	VV319 VV319.1 VV319N VV319 VV319.1 VV319N		6x11,07x40,5 +0,05 +0,20 6x11,07x40,5 +0,05 +0,20	B F B F
Vitara 1.9DDiS Eng.F9Q – Renault 1870ccm 59/79kW(80/100PS)	07→	80 4	IN EX	V951 V952	12910-67JG0 12915-67JG0	35,4x7x111 32,6x7x110,8	45 45	1 1	VV182 VV182.1 VV182 VV182.1	7700 859 086 7700 859 086	7x12,06x38,3 +0,05 7x12,06x38,3 +0,05	B F B F

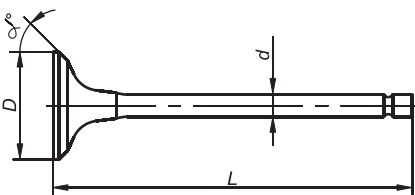
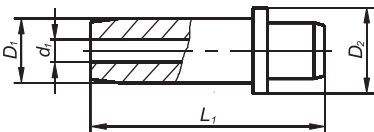
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1	2	3	4	5	6	7	8	9	10	11	12	
SUZUKI DIESEL												
SX4 1.9 DDiS 4WD Eng. D16AA 1910ccm	06→	82 4	IN	V1033		35,5x8x115	45	3	VV260	7 565 472	8x14,04x43	G
									VV260.1	46 433 782	+0,03	F
									VV260.2	46 433 783	+0,08	
									VV260.3	7 565 473	+0,18	
									VV260.4	46 433 784	+0,23	
		EX	V1034			34,5x8x115	45	3	VV260	7 565 472	8x14,04x43	G
									VV260.1	46 433 782	+0,03	F
									VV260.2	46 433 783	+0,08	
									VV260.3	7 565 473	+0,18	
									VV260.4	46 433 784	+0,23	
Vitara 1.9D Eng. XUD9A 1905ccm 47/52kw(64/71PS)	95→99	83 4	IN	V721	12911-86CA0 LGH 10053	38,5x8x112,4	45	1	VV186	0220.75	8x14,06x52	B
									VV186.1		+0,05	A
						+0,5S			VV186.2	0220.65	+0,20	
						+1,0S						
		EX	V710		12915-86CA0 LGH 10052	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
									VV186.1		+0,05	A
						+0,5S			VV186.2	0220.65	+0,20	
						+1,0S						
EX	V722		LGH 10054	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B		
				+0,5S			VV186.1		+0,05	A		
				+1,0S			VV186.2	0220.65	+0,20			
Vitara 1.9 TD Baleno 1.9 TD Samurai 1.9 TD Eng. XUD9SD/TE Turbo 1905ccm 51/55kw(71/75PS)	97→ 98→ 98→	83 4	IN	V721A	LGH 10051	38,5x8x112,4	45	1	VV187		8x14,06x48	B
						+0,5S			VV187.1		+0,05	F
						+1,0S						
		EX	V710		LGH 10052	33x8x111,9	45	1	VV187		8x14,06x48	B
						+0,5S			VV187.1		+0,05	F
						+1,0S						
EX	V722		LGH 10054	33x8x111,9	45	1	VV187		8x14,06x48	B		
				+0,5S			VV187.1		+0,05	F		
				+1,0S								

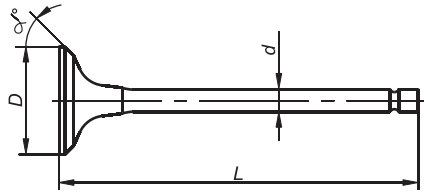
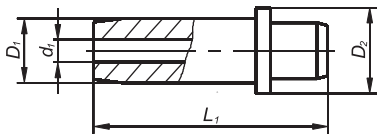
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SUZUKI DIESEL											
Grand Vitara 2.0 HDi 16V 01→ Eng. DW10ATED4, RHZ Peugeot 1997ccm 80kw(109PS)	85 4	IN	V1085	96247742 0948.95	35,6x6x107,1	45	3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
								VV266 VV266.1	0220.A1	6x12,07x42,5 +0,05	G F
		EX	V1086	96247745 0949.96	33,8x6x107,1	45	3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
								VV266 VV266.1	0220.A1	6x12,07x42,5 +0,05	G F
Vitara 2.0TDi 16V 02→ Eng. RHW (DW10ATED4) Grand Vitara 2.0HDi 16V 01→ Eng. RHZ (DW10ATED4) Engine Peugeot 1997ccm 80kW(109PS)	85 4	IN	V1313	96353179 0948.C0	29,9x6x106,2	45	3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
								VV266 VV266.1	0220.A1	6x12,07x42,5 +0,05	G F
		EX	V1314	96353184 0949.A9	25x6x106,1	45	3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A
								VV266 VV266.1	0220.A1	6x12,07x42,5 +0,05	G F
Grand Vitara 2.0TDi 98→ Eng. RF Mazda 1997ccm 52/64kW(71/87PS)	86 4	IN	V1819 V1511	12911-78E00	39,4x8x106,8	60	1	VV431 VV431N	11116-78E01	8x14,04x40,5 +0,05	G A13
		EX	V1820 V1512	12915-78E00	35,1x8x106,8	45	1	VV432 VV432N	11115-78E00	8x14,04x46,5 +0,05	G A16
Vitara 2.0TD 94→ Grand Vitara 2.0TD 98→ Eng. RF Eng. Mazda 1998ccm 53/64kW(72/87PS)	86 4	IN	V1023	RF01-12-111	41x8x107	45	1	VV431 VV431N	11116-78E01	8x14,04x40,5 +0,05	G A13
		EX	V1024	RF01-12-121	36x8x106,8	45	1	VV432 VV432N	11115-78E00	8x14,04x46,5 +0,05	G A16
TATA DIESEL											
Indica 1.4 02→ Eng. 475 IDI 1405ccm	75 4	IN	V1929	279005125104	36x7x109	45	1	VV566 VV566N		7x13,05x43,5 +0,05	G F
		EX	V1930	279005125105	30,5x7x109	45	1	VV566 VV566N		7x13,05x43,5 +0,05	G F

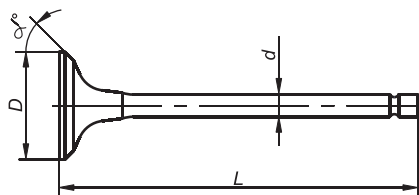
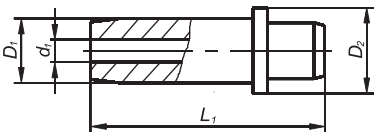
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
TATA DIESEL											
NEW		IN	V2421		36,7x7x114,4	45	1				
		EX	V2422		30,9x7x114,5	45	1				
Sumo TD	97→	83	IN V721	0948.59	38,5x8x112,4	45	1	VV186	0220.75	8x14,06x52	B
Safari TD	99→	4	V721N1		+0,5S			VV186.1		+0,05	A
Telcoline TD	99→		V721N3		+1,0S			VV186.2	0220.65	+0,20	
Eng. 483DL											
1948ccm			EX V722	0949.60	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
			V722N1		+0,5S			VV186.1		+0,05	A
			V722N3		+1,0S			VV186.2	0220.65	+0,20	
TATRA											
Tatra T815	86→	120	IN V371	928.1.0410.1	52x10x144	60	9	VV77		10x17,5/17,06x78	G
Eng. T3/T3A – 920		8									G6
Eng. T3–928/929/930		10									
		12	EX V372	928.1.0411.1	45x10x144	45	9	VV78		10x17,5/17,06x70,5	G
											G
			IN V1351	442.0.1209.026.8	52x10x144	60	9	VV77		10x17,5/17,06x78	G
											G6
			EX V1352	442.0.1209.027.8	45x10x144	45	9	VV78		10x17,5/17,06x70,5	G
											G
Tatra T 148 E	71	120	IN V331	442.0.1209.022.4	52x10x138	60	9				
Eng. T 928		8									
12660ccm		12	EX V332	442.0.1209.023.4	48x10x138	45	9				
	166kw(226PS)										
Tatra			IN V214	442.0.1209.020.4	52x10x144	60	9				
Eng. T – 929											
	208kw(283PS)		EX V215	442.0.1209.021.4	48x10x144	45	9				
TORPEDO											
T 500, TV–500			IN V19	V500 0614	50x11,5x137	45	9	VV51	V500.06.10B	11,5x18,03x75	G
											A16
			EX V20	500 0615a	42x11,5x137	45	9	VV51	V500.06.10B	11,5x18,03x75	G
											A16
			EX V34B	V500 0615b	42x11,5x137	45	9	VV51	V500.06.10B	11,5x18,03x75	G
											A16

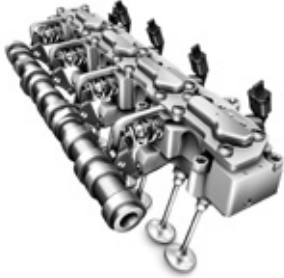
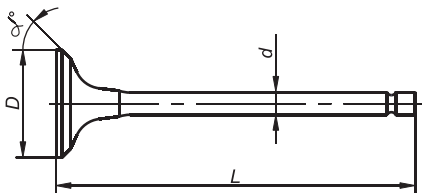
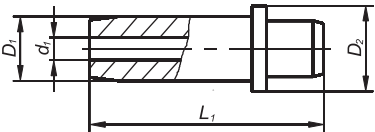
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
TORPEDO											
ARAN T 101		IN	V21	101 0614b	44x10x180	45	9	VV300		10x18,04x95	G A15
		EX	V21	101 0614b	44x10x180	45	9	VV300		10x18,04x95	G A15
PENTA T 700		IN	V32 V32N1 V32N3	T 701 0614	32x8x114,5 +0,5S +1,0S	45	11	VV46 VV46N	701 0610	8x15,03x62 +0,05	G A
		EX	V31 V31N1 V31N3	T 701 0615	32x8x114,5 +0,5S +1,0S	45	11	VV46 VV46N	701 0610	8x15,03x62 +0,05	G A
PENTA B 700		IN	V173 V173N1 V173N3	B 700 0614 23 3578	38x8x114,5 +0,5S +1,0S	45	11	VV183 VV183N	B 700 0610 A	8x15,03x59 +0,05	G F6
		EX	V174 V174N1 V174N3	B 700 0615 23 3580	34x8x114,5 +0,5S +1,0S	45	11	VV183 VV183N	B 700 0610 A	8x15,03x59 +0,05	G F6
PENTA D 700		IN	V353	D 700 0614 23 4843	38x8x120,5	45	1				
		EX	V354	D 700 0615 23 4844	34x8x120,5	45	1				
VENDER T-600 T624 9156ccm 73,5kw(100PS)	135 4	IN	V23	600 0614	53x11x167	45	15				
		EX	V24	600 0615	48x11x167	45	15				
TOYOTA											
Yaris 1.0 16V Eng. 1SZ-FE DOHC 998ccm 50kw(68PS)	98→ 69 4	IN	V1249	13711-23030	26x5x88,2	45	1	VV435	11122 - 21010	5x9,75x34,4	G P
		EX	V1250	13715-23030	22,6x5x89,2	45	1	VV435	11122 - 21010	5x9,75x34,4	G P

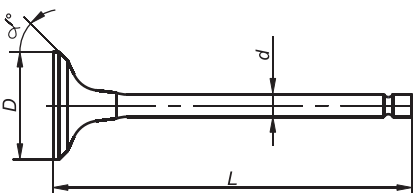
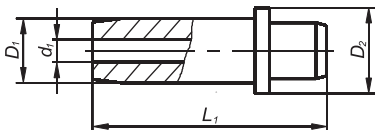
											
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
TOYOTA											
Hiace 1.0 Van Starlet 1000 GL/XL Eng. 1E-L	84-93 84-89	70,5 4	IN	V1019	13711-10020	30x6x92,3	45 1	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P
Hiace 1.0 12V Starlet 1000 GL/XL 12V Eng. 1E	93→ 89-92		IN	V1021	13712-10010	21x6x98,7	45 1	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P
999ccm 40kW(54PS)			EX	V1020	13715-10030	31x6x92,3	45 1	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P
Corolla 1.3 12V Corona 1.3 12V Haice 1.3 12V Sprinter 1.3 12V Starlet 1.3 12V Eng. 2E, 2E-E/C/U/L	87→ 85→ 89→ 85→ 84→	73 4									
1295ccm 55/60/74kW(75/82/101PS)											
Aygo 1.0 VVT Yaris 1.0 VVT Eng. 1KR-FE	05→ 06→	71 3	IN	V1721	13711-40040	27,4x5x88,4	45 1	VV435	11122-21010	5x9,75x34,4	G P
998ccm 51kW(69PS)			EX	V1722	13715-40040	23,6x5x89,2	45 1	VV435	11122-21010	5x9,75x34,4	G P
Yaris 1.3 16V Eng. 2SZ-FE	02→	72 4	IN	V1249	13711-23030 13711-97401 13711-0J010	26x5x88,2	45 1	VV435	11122-21010	5x9,75x34,4	G P
1298ccm			EX	V1250	13715-23030 13715-97401 13715-0J010	22,6x5x89,2	45 1	VV435	11122-21010	5x9,75x34,4	G P
Auris 1.3 16V IQ 1.3 16V Corolla VII 1.3 16V Urban Cruiser 1.3 16V Verso S 1.3 VVT 16V Yaris II 1.3 VVT 16V Yaris III 1.3 VVT 16V Eng. 1NR-FE	08→	72,5 4	IN	V2139	13711-47010	28,9x5,5x103,4	45 1				
1329ccm			EX	V2140	13715-47010	24,3x5,5x104,6	45 1				

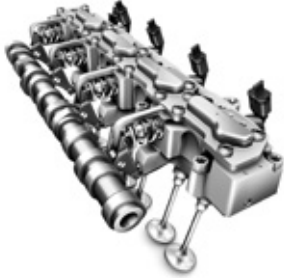
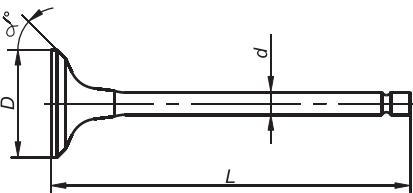
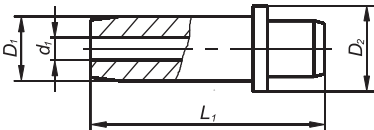
												
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
TOYOTA												
Corola 1.3 16V Starlet 1.3 16V Eng.4E-FE 1331ccm 55/66kW(75/88PS)	92→ 96→	74 4	IN EX	V1603 V1604	13711-11010 13711-11011 13715-11030	28,5x6x93,5 24,5x6x94	45 45	1 1	VV383 VV383N VV383 VV383N	11122-10040 11122-10040	6x11,05x40,5 +0,05 6x11,05x40,5 +0,05	G P G P
Tercel 1.5 16V Cyros 1.5 16V Eng.5E-FE 1496ccm 85kW(115PS)	92→ 92→											
Tercel 1.3 Eng. 2A 1296ccm 48kW(65PS)	79-86	75 4	IN EX	V1019 V1020	13711-10020 13715-10030	30x6x92,3 31x6x92,3	45 45	1 1	VV383 VV383N VV383 VV383N	11122-10040 11122-10040	6x11,05x40,5 +0,05 6x11,05x40,5 +0,05	G P G P
Yaris 1.3 16V Yaris Verso 1.3 16V Eng. 2NZ-FE 1299ccm 63/66kW(86/90PS)	98→ 99→	75 4	IN EX	V1337 V1338	13711-21010 13715-21010	30,5x5x89,2 25,5x5x87,9	45 45	1 1	VV435 VV435	11122-21010 11122-21010	5x9,75x34,4 5x9,75x34,4	G P G P
Yaris 1.5 16V Yaris Verso 1.5 16V Prius 1.5 16V Eng. 1NZ-FE 1497ccm 53/78kW(72/106PS)	01→ 99→ 99→											
Corolla, Tercel 1.3 Hiace 1.3 Sprinter 1.3 Eng. 2A-U 1295ccm 54kW(73PS)	79-88 79-84 83-85	76 4	IN EX	V1523 V1524	13711-15010 13711-15030 13715-15010	36x7x106,7 31x7x106,7	45 45	8 8				
Corolla 1.5 Corona, Carine 1.5 Hiace 1.5 Sprinter 1.5 Tercel 1.5 Eng. 3A-C/U/LU 1453ccm 52kW(71PS)	79-82 79-84 80-88 83-88 79→	77,5 4										

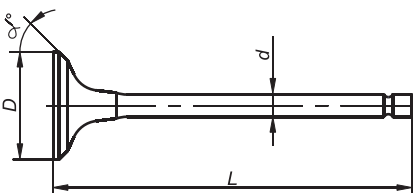
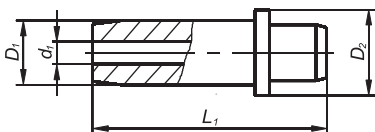
	CYL. Ø №	IN EX										
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1	2	3	4	5	6	7	8	9	10	11	12	
TOYOTA												
Corolla, Carina 1.6 Celica 1.6 Sprinter, Tercel 1.6 Eng. 4A-C/CL 1587ccm 54kW(73PS)	83→ 83→ 83→	81 4	IN EX	V1523 V1524	13711-15010 13711-15030 13715-15010	36x7x106,7 31x7x106,7	45 45	8 8				
Corolla 1.4VTi 16V Auris 1.4VTi 16V Eng. 4ZZ FE 1398ccm 71kW(97PS)	01→ 07→	79 4	IN EX	V1477 V1478	13711-22040 13711-0D020 13715-22040 13715-0D020	31x5,5x88,7 26,1x5,5x88,7	45 45	1 1	VV368 VV368	11122-20020 11122-20020	5,5x10,35x34,5 5,5x10,35x34,5	G P G P
Corolla 1.6i 16V Avensis 1.6i 16V Eng. 3ZZ FE 1598ccm 81kW(110PS)	01→ 03→											
Avensis 1.8i 16V Corolla 1.8i 16V Celica 1.8i 16V MR2 1.8i 16V RAV4 1.8i 16V Eng. 1ZZ FE VVT Celica 1.8i 16V VVT Eng. 2ZZ - GE 1794ccm 92/95/105kW(125/129/143PS)	00→ 00→ 99→ 99→ 00→ 00→											
Celica 1.8 TS Corolla 1.8 TS Eng. 2ZZ-GE/G3 1796ccm 141/165kW(192/224PS)	01→ 02→	79 4	IN EX	V1801 V1802	13711-88600 13715-88601	34x5,5x111,3 29x5,5x111,7	45 45	1 1	VV436 VV436	11122-88600 11122-88600	5,5x10,56x43 5,5x10,56x43	G P G P
Avensis 1.8 VVT 16V Celica 1.8 VVT 16V Corolla 1.8 VVT 16V MR2 1.8 VVT 16V RAV4 1.8 VVT 16V Eng. 1ZZ-FE 1794ccm 90/95/99/103kW	00→ 99→ 02→ 00→ 01→	79 4	IN EX	V1803 V1804	13711-22030 13715-22030	32x5,5x88,7 27,5x5,5x88,7	45 45	1 1	VV368 VV368	11122-20020 11122-20020	5,5x10,35x34,5 5,5x10,35x34,5	G P G P

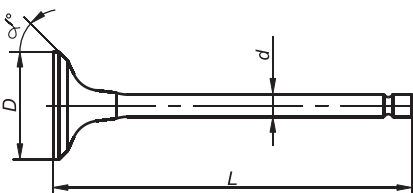
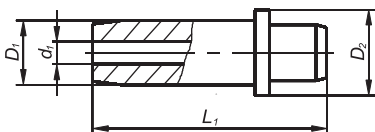
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
TOYOTA												
Auris 1.6i 16V Eng. 1ZR-FE 1598ccm	06→	80,5 4	IN	V1799	13711-37020	32x5,5x109,4	45	1	VV368	11122-20020	5,5x10,35x34,5	G P
Yaris 1.8i 16V Eng. 2ZR-FE 1797ccm	06→		EX	V1800	13715-37030	27,5x5,5x108,3	45	1	VV368	11122-20020	5,5x10,35x34,5	G P
Carina 1.6 16V Corolla 1.6 16V Corola Sedan/Wagon 1.6 16V Celica 1.6 16V Eng. 4AF 1587ccm	88-92 87-92 87→ 89→	81 4	IN	V1473	13711-15030	30x6x91,3	45	1	VV367	11122-15030	6x11,06x38,4	G P
			EX	V1474	13715-15030	24,5x6x91,9	45	1	VV367	11122-15030	6x11,06x38,4	G P
Avensis 1.6i 16V Carina 1.6i 16V Celica 1.6i 16V Corolla 1.6i 16V Corona 1.6i 16V Eng. 4A FE 1587ccm	97→ 87-97 89-93 87-92 88→	81 4	IN	V1475	13711-02050 13711-15090	31,1x6x87,5	45	1	VV367	11122-15030	6x11,06x38,4	G P
			EX	V1476	13715-16060	24,5x6x87,9	45	1	VV367	11122-15030	6x11,06x38,4	G P
Avensis 1.8i 16V Carina 1.8i 16V Celica 1.8i 16V Corolla 1.8i 16V Corona 1.8i 16V Sprinter 1.8i 16V Eng. 7A FE 1762ccm	97-00 94-97 93-99 95-97 92→ 95→	86 4	IN	V1475	13711-02050 13711-15090	31,1x6x87,5	45	1	VV367	11122-15030	6x11,06x38,4	G P
			EX	V1476	13715-16060	24,5x6x87,9	45	1	VV367	11122-15030	6x11,06x38,4	G P
Avensis 2.0i 16V Eng. 3S-FE Japanese production 1998ccm	97-00											
TownAce Eng. 1Y 1626ccm	83→	86 4	IN	V2403	13711-71010	40x8x108,3	45	1				
			EX	V2404	13715-71010	36x8x108,6	45	1				

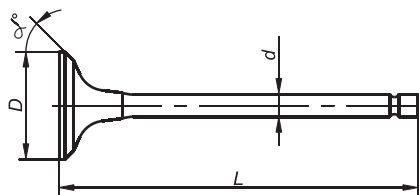
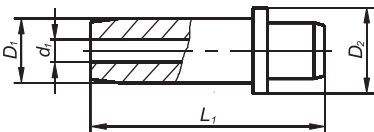
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
TOYOTA											
LiteAce – MasterAce Eng. 2Y 1812ccm HiAce – HiLux MasterAce – TownAce Eng. 3Y 1998ccm Van – Wagon Eng. 4YEC USA 1998ccm NEW	86 4	IN EX	V2403 V2404	13711–71010 13715–71010	40x8x108,3 36x8x108,6	45 45	1 1				
Alion 2.0i 16V 02→ Avensis 2.0i 16V 00→ Caldina 2.0i 16V 03→ Calmry 2.0i 16V 01→ Ipsium 2.0i 16V 01→ Ipsis 2.0i 16V 04→ Noah 2.0i 16V 05→ Premio 2.0i 16V 02→ RAV4 2.0i 16V 00→ Voxi 2.0i 16V 06→ Vish 2.0i 16V 03→ Eng. 1AZ FE/FSE 1998ccm 110/112/114kW	86 4	IN EX	V1479 V1480	13711–28010 13715–28010	33,9x5,5x101,7 29,5x5,5x101,1	45 45	1 1	VV369 VV369N VV370 VV370N	11122–28010 11126–20020	5,5x10,34x38,4 +0,05 5,5x10,34x40,5 +0,05	G P G P
Avensis 2.0 16V 97→ Camry 2.0 16V 86–91 Carina 2.0 16V 87–96 Celica 2.0 16V 86–89 Hiace 2.0 16V 89→ Picnic 2.0 16V 97→ Rav 4GS/GX 2.0 16V 94→ Funcruiser 2.0 16V 94→ Eng. 3S–FE DOHC 1998ccm 68/88/94/98kW	86 4	IN EX	V1339 V1340	13711–74101 13715–74100	32x6x97,5 27x6x98,5	45 45	1 1	VV571 VV572	11122–74030 11122–16010	6x11,04x38,5 6x11,04x40,5	G P G P1

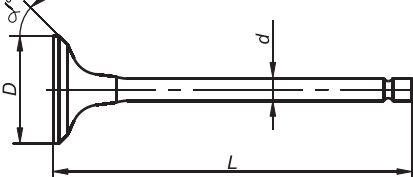
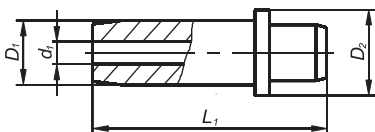
	CYL. Ø Nº	IN EX										
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1	2	3	4	5	6	7	8	9	10	11	12	
TOYOTA												
Hiace Coaster Eng. 2TRFE 2693ccm	08→	4	IN	V2359	13711-75110	37,5x5,5x106,4	45	1				
			EX	V2360	13715-75100	31,6x5,5x106,9	45	1				
Camry 3.0 V6 Eng. 1MZ-FE 2995ccm	96→	87,5 V6	IN	V2145	13711-20020	34x5,5x95,3	45	1				
			EX	V2146	13715-20020	27,3x5,5x95,3	45	1				
Lexus IS 200 114KW Eng. 1GFE 1998ccm	99→	6	IN	V1905	13711-70060	29,5x5x91,7	45	1				
			EX	V1906	13715-70080	25x5x91,8	45	1				
Lexus GS 300 Lexus GS 300 VVT 3000ccm		6	IN	V2327	13711-46021 13711-46022	33,5x6x98,6	45	1				
			EX	V2328	13715-46020	29x6x99,1	45	1				
Land Cruiser 100 4.7 V8 Eng. 2UZFE 4664ccm GS 430 VVT LS 430 VVT Eng. 3UZFE 4293ccm	00→	6 8	IN	V2329	13711-50060	34,5x5,5x95,1	45	1				
			EX	V2330	13715-50060 13715-50070	29x5,5x95,1	45	1				
RAV 4 Eng. 2GRFE 3456ccm Land Cruiser Prado Eng. 1GRFE 4461ccm	09→ 10→	V6 V8	IN	V2331	13711-31100	38x5,5x105,9	45	1				
			EX	V2332	13715-31120	32x5,5x110,4	45	1				
TOYOTA DIESEL												
Auris 1.4D – 4D Corolla 1.4D4-D TDi Eng. 1ND TV/D-4D 1364ccm	04→ 06→	71 4	IN	V1487	13711-33030	30,6x6x100	45	1	VV374	11122-30020	6x11,09x40,6	G P
			EX	V1488	13715-33040	28x6x99,8	45	1				
Yaris 1.4D – 4D Eng. 1ND-TV 1364ccm	01→ 07→	73 4										

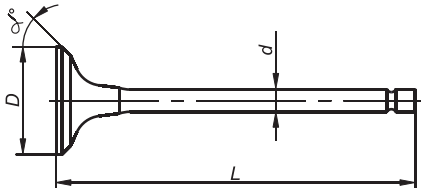
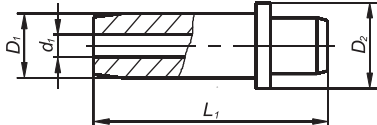
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
TOYOTA DIESEL											
Aygo 1.4Hdi 06→ Eng. DV4D Peugeot 2WZ-TV 1398ccm 40kW(54PS)	73,7 4	IN	V1205	SU001-00551	32,8x5,5x97,3	45	3	VV399		5,5x9,56x34 +0,05	G A
		EX	V1206	SU001-00552	30,3x5,5x97,3	45	3	VV399 VV399N		5,5x9,56x34 +0,05	G A
Corolla 1.9D 99→ Eng. 1WZ Peugeot 1868ccm 51kW(69PS)	82,2 4	IN	V721 V721N1 V721N3	0948.59	38,5x8x112,4 +0,5S +1,0S	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,22	B A
		EX	V710 V710N1 V710N3	0949.73	33x8x111,9 +0,5S +1,0S	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,22	B A
Avensis 2.0 D 16V 99→ Corolla 2.0 D 16V 99→ Previa 2.0 D 16V 00→ RAV 4 2.0 D 16V 00→ Eng. 1CD FTV 1995ccm 66/81kW(90/110PS)	82,2 4	IN	V1485	13711-27010	28x6x102,6	45	1	VV373	11122-27010	6x11,04x40,6	G P
		EX	V1486	13715-27010	24x6x102	45	1	VV373	11122-27010	6x11,04x40,6	G P
Camry/Corola 1800 D 81-85 Corona/Sprinter 1800 D 81-85 Town Ace 1800 D 81-85 Vista 1800 D 81-85 Eng. 1C 1839ccm 48kW(65PS)	83 4	IN	V1345	13711-64010 13711-64011	38,5x8x105,6	45	1	VV372 VV372N	11126-24030	8x13,04x50 +0,05	G P
		EX	V1346	13715-64010	32,5x8x106,5	45	1	VV372 VV372N	11126-24030	8x13,04x50 +0,05	G P
Corolla 200 D 16V 92-97 Town Ace 2000 D 83-85 Lite Ace 2000 D 88-95 Eng. 2C 1974ccm 53kW(72PS)	86 4										
Camry 2.0 D 84→ Carina 2.0 D 87-96 Corolla 2.0 D 92-97 Corona 2.0 D 83-87 Sprintr 2.0 D 84→ Eng. 2C 1974ccm 54/54kW(72/73PS)	86 4	IN	V1345	13711-64030 13711-64020	38,5x8x105,6	45	1	VV371 VV371N	11122-64010	8x13,04x46 +0,05	G P
		EX	V1482	13715-64030 13715-64040	32,4x8x105,3	45	1	VV372 VV372N	11126-64030	8x13,04x50 +0,05	G P

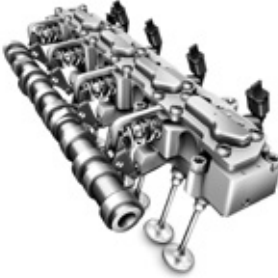
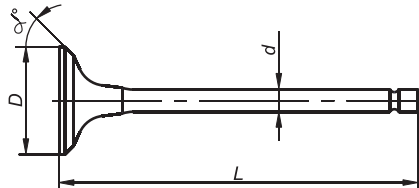
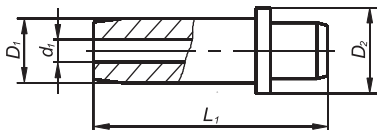
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
TOYOTA DIESEL												
Camri 2.0 TD Camri 2.0 TD Vista 2.0 TD Eng. 2C-T 1974ccm 61/67kW(83/91PS)	86-91 94-97 90→	86 4	IN EX	V1345 V1482	13711-64030 13711-64020 13715-64030 13715-64040	38,5x8x105,6 32,4x8x105,3	45 45	1 1	VV371 VV371N VV372 VV372N	11122-64010 11126-64030	8x13,04x46 +0,05 8x13,04x50 +0,05	G P G P
Camri 2.2 TD Caldina 2.2 TD Corona 2.2 TD Gaia 2.2 TD Ipsum 2.2 TD Picnic 2.2 TD Vista 2.2 TD Eng. 3C-TE 2184ccm 66/70kW(90/95PS)	84→ 03→ 99→ 99→ 96→ 97-01 94→	86 4	IN EX	V1345 V1482	13711-64030 13711-64020 13715-64030 13715-64040	38,5x8x105,6 32,4x8x105,3	45 45	1 1	VV371 VV371N VV372 VV372N	11122-64010 11126-64030	8x13,04x46 +0,05 8x13,04x50 +0,05	G P G P
Auris 2.0D-4D 16V Avensis 2.0D-4D 16V Eng. 1AD FTV Euro 4 1998ccm 93kW(126PS)	06→ 06→	86 4	IN EX	V1661 V1662	13711-0R010 13715-0R010	30,1x6x104,3 27x6x104,1	45 45	1 1	VV374 VV374	11122-30020 11122-30020	6x11,09x40,6 6x11,09x40,6	G P G P
Avensis 2.2D-4D 16V Rav 4 2.2D-4D 16V Corolla Verso 2.2D-4D 16V Eng. 2AD FTV Euro 4 2230ccm 100/130kW(136/177PS)	06→ 05→											
Blizzard 2.2D Chaser 2.2D Cresida 2.2D Crown 2.2D Hi Ace 2.2D Hilux 2.2D Eng. L 2188ccm 47/53kW(64/72PS)	80→ 80→ 80-84 79-83 82-85 80-87	90 4	IN EX	V1583 V1584	13711-54010 13715-54020	42,6x8,5x123 35x8,5x122,8	45 45	3 3				

	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
TOYOTA DIESEL												
Blizzard 2.4D Chaser 2.4D Cresida 2.4D Crown 2.4D Corona 2.4D Duna 100/150 2.4D Hi Ace 2.4D Hilux 2.4D Landcruiser 2.4D 4-Runier 2.4D Eng. 2L 2446ccm	84→ 88→ 84-96 83→ 83→ 85-95 84-95 88-97 88→ 88→	92 4 	IN EX	V1583 V1584	13711-54010 13715-54020	42,6x8,5x123 35x8,5x122,8	45 45	3 3				
Corona 2.4 D/TD Cressida 2.4 D/TD Duna 2.4D 4 Runier 2.4 D/TD Hilux, Hiace 2.4 D/TD Land Cruiser 2.4 D/TD Toyo Ace Chaser 2.4D Eng. 2L, 2L T/TE 2445ccm	88→ 88→ 85→ 88→ 88→ 88→ 88→	92 4 	IN EX	V1387 V1484	13711-54020 13711-17010 13715-54040 13715-17010	42,5x8x103,5 36x8x103,3	45 45	1 1	VV320 VV320N VV320 VV320N		8x13,05x42 +0,05 8x13,05x42 +0,05	G P G P
Dyna 2.8 D/TD Hiace 2.8 D/TD Eng. 3L 2779ccm	88→ 88→											
Hi-Lux 2.5D-4D Eng. 2KD-FTV 2494ccm		92 4	IN EX	V1953 V1954	13711-30040 13715-30040	30,5x6x105,6 26,5x6x105,8	45 45	1 1	VV374 VV374	11122-30020 11122-30020	6x11,09x40,6 6x11,09x40,6	G P G P
Land Cruiser 4.2 TDi 24V Eng. 1HD FTE Turbo 4164ccm	98→	94 6	IN EX	V1391 V1392	13711-17020 13711-17021 13715-17030	33x7x127,2 30,5x7x126,8	45 45	1 1				
Dyna 150 2.8 TD Eng. 3L 2778ccm	88→	96 4	IN EX	V1387 V1484	13711-54020 13714-54040	42,5x8x103,5 36x8x103,3	45 45	1 1	VV528 VV528N VV528 VV528N	11122-68010 11122-68010	8x13,05x40 +0,05 8x13,05x40 +0,05	G P G P

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
TOYOTA DIESEL											
Land Cruiser 90 3.0 TD Runier 3.0 TD Eng. 1KZ TE 2982ccm	94→ 93-96 92kW(125PS)	96 4	IN EX	V1387 V1388	13711-54020 13715-67020	42,5x8x103,5 37x8x103,5	45 1 45 1	VV320 VV320N VV320 VV320N		8x13,05x42 +0,05 8x13,05x42 +0,05	G P G P
Land Cruiser 90 3.0TD Runner 3.0TD Eng. 1KZ-TE 2982ccm	01→ 92kW(125PS)	96 4	IN EX	V1805 V1806	13711-54040 13715-67040	42,4x8x104,2 37x8x104,2	45 1 45 1	VV486 VV486	11122-67020 11122-67020	8x13,05x42 8x13,05x42	G P G P
Land Cruiser 90 3.0D 16V Land Cruiser 120 3.0D 16V Hi-Lux 3.0D 16V Eng. 1KD-FTV 2982ccm	00→ 00→ 120kW(163PS)	96 4	IN EX	V1675 V1676	13711-30030 13715-30030	32,2x6x105,4 27,7x6x105,4	45 1 45 1	VV374 VV374	11122-30020 11122-30020	6x11,09x40,6 6x11,09x40,6	G P G P
Bondeirante 3.8D Eng. OM 314.910 3780ccm	84-01 63kw(85PS)	97	IN IN EX EX EX	V489 V489N3 V931 V505N3 V169 V490N3 V490 V490N3 V488		42,8x9x140,5 +1,0S 44x9x140,5 +1,0S 36x10x140,5 +1,0S 36x10x140,5 +1,0S 36x10x140,5	60 5 45 5 45 5 45 5 45 5	VV52 VV52.1 VV52.2 VV36 VV36.1 VV53 VV53.1 VV53.2 VV37 VV37.1		9x15,03x78 +0,10 +0,20 9x15,03x72 +0,20 10x15,03x73 +0,10 +0,20 10x15,03x67 +0,20	G A G F G A G F

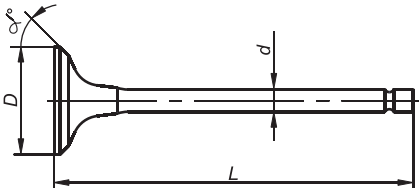
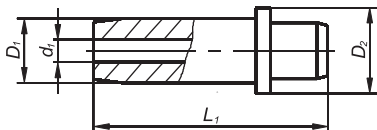
	CYL. Ø №	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
URSUS											
Ursus C355, C360 Eng. S-4003-Tractor 3120ccm 36kw(50PS)	95 4	IN	V475 V475N1 V475N2 V475N4	5050 506	39,2x8x129,5 +0,5S +1,0D/+0,5S +1,0S	45	5	VV06 VV06N		8x17,4/15,04x62 +0,10	G G
		EX	V476 V476N1 V476N2 V476N4	5050 505	33,2x10x129,5 +0,5S +1,0D/+0,5S +1,0S	45	5	VV07 VV07N		10x17,4/15,04x62 +0,10	G G
Ursus C 330,C 335, C328 Eng. S- 312C- Tractor S-312 1960ccm 23kw(31PS)	102 2	IN	V815 V815N	5000 849	44,5x9x145 +1,0D/+0,5S	45	5	VV152		9x15,04x70	G A
		EX	V816 V816N	5000 848	36,5x9x145 +1,0D/+0,5S	45	5	VV152		9x15,04x70	G A
Ursus C385 – Cristal Eng. Z 8401.1 Tractor 4562 ccm 57kw(77,5PS) Eng. Z 8701.1 Tractor 6842ccm 85kw(115,5PS)	110 4	IN	V87 V87N3	4-80005 014	49,3x10x138,9 +1,0S	45	1	VV111		10x16,05x68	G A6
	110 6	EX	V315 V315N3	4-80005 015	41,3x10x138,9 +1,0S	45	1	VV112		10x16,05x68	G F2
Ursus C385 Turbo Eng. Z 8002.1 4562ccm 70,5kw(96PS) Eng. Z 8602.1. 6842ccm 111kw(151PS)	110 4	IN	V333 V515N3	89 005 915	49,2x10x139 +1,0S	60	1	VV111		10x16,05x68	G A6
	110 6	EX	V315 V315N3	89 005 902 80 005 015	41,3x10x138,9 +1,0S	45	1	VV112		10x16,05x68	G F2
U.T.B. UNIVERSAL											
U500, U650, U651M Eng. D110, D113 4760ccm 37/44kw(50/60PS)	66→ 108 4	IN	V449	103 02 117	41x11x168,3	45	13	VV285		11x18,07x85	G A
		EX	V450	103 02 118	37x11x167,6	45	13	VV285		11x18,07x85	G A

	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
U.T.B. UNIVERSAL												
U445, U550M, U640		IN	V321	11 502 050 4 659 379	44x8x125,8	45	1	VV326 VV326.1 VV326.2		8x14,02x56 +0,03 +0,18	G A16	
			V321N		+0,3S							
			V321N1		+0,5S							
			V321N2		+1,0S							
			V321N4		+1,5S							
		EX	V322	12 702 105 4 673 608	37x8x125,6	45	1	VV379 VV379.1 VV379.2 VV379.3		8x14,02x48,7 +0,05 +0,10 +0,15	G A1	
			V322N		+0,3S							
			V322N1		+0,5S							
			V322N2		+1,0S							
			V322N4		+1,5S							
VAUXHALL „see” OPEL												
VLADIMIRAC												
T25, T40 Belorus		IN	V1355	100-7014-W1	44x9x137	45	8	VV226 VV226N		9x17,8/16,09x73 +1,0	G G	
EX		V1356	100-7015-W	38x9x137	45	8	VV226 VV226N		9x17,8/16,09x73 +1,0	G G		
VOLGA												
Volga M21 2500ccm	92 4	IN	V2011	13-1007010-B1	47x9x117	45	10	VV515		9x17,07x57,5	G F12	
			EX	V2012	24-1007015	36x9x117,5	45	5	VV516		9x17,07x59,4	G F1
Volga 24 2445ccm 2890ccm	4	IN	V1231	402.1007010	47,1x9x117,2	45	5	VV515		9x17,07x57,5	G F12	
			EX	V1232	402.1007015	39,1x9x117,3	45	5	VV516		9x17,07x59,4	G F1

	CYL. Ø Nº	IN EX											
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE		
1	2	3	4	5	6	7	8	9	10	11	12		
VOLKSWAGEN													
Polo 1.0i Lupo 1.0i Eng. AER/ALL 999ccm 37kw(50PS)	97→	67,1	IN	V851	030 109 601AG	31x7x94,7	45	3	VV217	032 103 419A	7x12/11,07x33	B	
	97→	4							VV217.1	+0,15	G		
				EX	V852	030 109 611N	26x7x94,4	45	3	VV579	032 103 418A	7x11,07x33	B
										VV579.1	+0,20	F	
									VV217	032 103 419A	7x12/11,07x33	B	
									VV217.1	+0,15	G		
									VV579	032 103 418A	7x11,07x33	B	
									VV579.1	+0,20	F		
Lupo 1.0i Eng. ANV, AUC Lupo 1.0i Eng. ALD Polo 1.0i Eng. ALD, AUC 999ccm 37kw(50PS)	99-01	67,1	IN	V1439	030 109 601AK	31x6x99	45	3	VV181	058 103 415	6x11,07x36	B	
		4							VV181.1	+0,05	F		
		00→		EX	V1440	030 109 611S	26x6x99	45	3	VV181	058 103 415	6x11,07x36	B
	99-01			VV181.1						+0,05	F		
Derby GL/L 0.9 Polo GL/L 0.9 Eng. HA 895ccm 29kw(40PS)	77-79	69,5	IN	V692	052 109 601	31,5x8x104	45	1	VV76	056 103 419A	8x13/12,06x36,5	B	
	75-79	4							VV76.1	+0,05	G		
				EX	V648	052 109 611	28x8x104	45	1	VV76.2	+0,15		
				VV76.3						+0,25			
	Derby GLS/LS/S 1.1	77-79								VV76	056 103 419A	8x13/12,06x36,5	B
	Golf I GL/L Formel E 1.1	74-79								VV76.1	+0,05	G	
Polo GLS/LS/S 1.1	75-79			VV76.2	+0,15								
Scirocco GL/L 1.1	75-84			VV76.3	+0,25								
Eng. HB 1093ccm 37kw(50PS)													
Derby 1.1 Polo GLS/LS 1.1 Eng. HC 1093ccm 44kW(60PS)	76-77	69,5	IN	V692	052 109 601	31,5x8x104	45	1	VV76	056 103 419A	8x13/12,06x36,5	B	
	75-79	4							VV76.1	+0,05	G		
				EX	V648	052 109 611	28x8x104	45	1	VV76.2	+0,15		
										VV76.3	+0,25		
Derby GLS/LS 1.3	77-79	75							VV76	056 103 419A	8x13/12,06x36,5	B	
Polo GLS/LS 1.3	78-79	4							VV76.1	+0,05	G		
Eng. HJ/HH 1272ccm 44kW(60PS)									VV76.2	+0,15			
									VV76.3	+0,25			

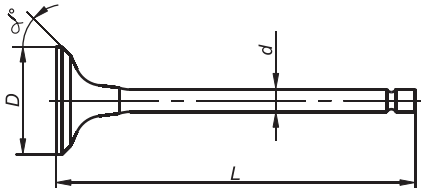
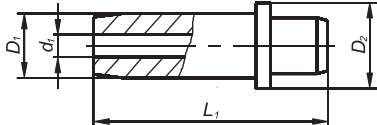
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			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Derby, Polo GL/L 0.9 79→ Eng. HA/DN 895ccm 29kW(40PS)	69,5 4	IN	V647	036 109 601	34x8x104	45	1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Jetta, Scirocco 1.1 79→ Derby, Polo GLS/LS/S 1.1 79→ Golf I, GL/L Formel E 1.1 79→ Eng. HB/GG/FA/FJ/HG 1093ccm 37kW(50PS)		EX	V648	052 109 611	28x8x104	45	1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Derby, Polo GLS/LS/S 1.3 79-81 Santana 1.3 79-81 Golf I, Jetta GL/GLS/L/LS/S 1.3 79-81 Passat GL/L 1.3 79-81 Scirocco GL/GT/L 1.3 79-81 Eng. FZ/FY/GF/GK/HH 1272ccm 40/44kW(55/60PS)	75 4										
Derby, Scirocco C/CL/GL 1.1 84→ Golf I, Polo C/CL/GL/Formel E 1.1 84→ Eng. HD/HC 1093 ccm 37/44kW(50/60PS)	69,5 4	IN	V545	036 109 601B	34x8x104	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Derby, Jetta, C/CL/GL 1.3 81→ Golf I, Polo C/CL/GL 1.3 81→ Santana 1.3 81→ Passat C/CL/GL (Variant) 1.3 81→ Scirocco CL/GL 1.3 81→ Eng. FY/FZ/EP/GF/HH/HJ 1272 ccm 40/44kW(55/60PS)	75 4	EX	V547	052 109 611A	28,2x8x104	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Caddy 1.2 TSI 10→ Golf VI 1.2 TSI Golf plus 1.2 TSI Polo 1.2 TSI 09→ Touran 1.2 TSI 10→ Beetle 1.2 TSI Jetta 1.2 TSI Eng. CBZA, CBZB 1197ccm 63/77kW(86/105PS)	71 4	IN	V1957	03F 109 601A	35,4x6x98,7	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
		EX	V1958	03F 109 611B 03F 109 611C	30x6x98,4	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F

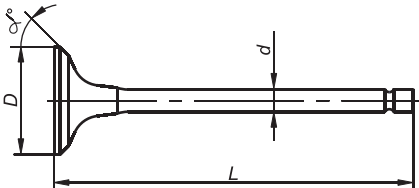
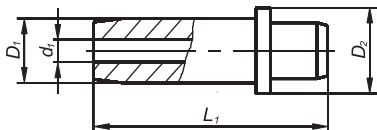
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Polo 1.2 TSI →14 Eng. CBZC 1197ccm 66kW(90PS)	71 4	IN	V1957	03F 109 601A	35,4x6x98,7	45	3	VV181	058 103 415	6x11,07x36 +0,05	B F
		EX	V1958	03F 109 611B 03F 109 611C	30x6x98,4	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Golf VII 1.2 TSI 16V 12→ Touran 1.2 TSI Eng. CJZA/CJZB/CYVA Euro 6/CYVB 1197ccm 63/77/81kW(86/105/110PS)	71 4	IN	V2355	04E 109 601A	26,4x5x110,2	45	3				
		EX	V2356	04E 109 611K	23,5x5x110,2	60	3				
Lupo 1.0 i 98-00 Eng. AHT 997ccm	72 4	IN	V2147	047 109 601B	31,5x7x103,6	45	3	VV217	032 103 419A	7x12/11,07x33 +0,15	B G
		EX	V2148	047 109 611B	27x7x103,7	45	3	VV217 VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G
UP 1.0 11→ Eng. CHYA, CHYB 999ccm	74,5 3	IN	V2135	04E 109 601	29,5x5x110,3	45	3				
		EX	V2136	04E 109 611L	26,9x5x110,3	60	3				
Polo 1.0i 92→ Eng. AEV 1043ccm 33kW(45PS)	75 4	IN	V847	030 109 601N	32x7x99,3	45	3	VV150	030 103 419A	7x12/11,07x36,5 +0,15	B G
		EX	V848	030 109 611D	28,9x7x99,1	45	3	VV150 VV150.1	030 103 419A	7x12/11,07x36,5 +0,15	B G
Derby C/CL/GL/Coupe 1.1 81→ Polo C/CL/GL/Coupe 1.1 81→ Eng. GL 1043 ccm 29kw(40PS)	75 4	IN	V711	036 109 601A	34x8x110,5	45	3	VV80	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
		EX	V712	036 109 611	28,2x8x110,5	45	3	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
Derby C/CL/GL 1.3 83→ Jetta 1.3 83→ Golf II C/CL/GL/Formel/E 1.3 83→ Scirocco 1.3 83→ Polo C/CL/GL/Coupe 1.3 83→ Eng. HK 1272 ccm 40kw(55PS)	75 4	IN	V711	036 109 601A	34x8x110,5	45	3	VV80	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
		EX	V712	036 109 611	28,2x8x110,5	45	3	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
Derby 1.3 83→ Polo Coupe GT 1.3 83→ Eng. GK 1272 ccm 55kw(75PS)	75 4	IN	V711	036 109 601A	34x8x110,5	45	3	VV80	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
		EX	V712	036 109 611	28,2x8x110,5	45	3	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F

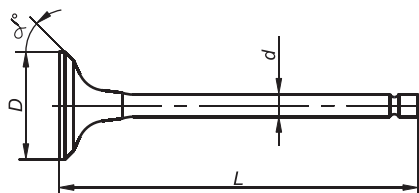
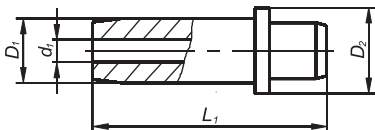
	CYL. Ø №	IN EX														
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE					
1	2	3	4	5	6	7	8	9	10	11	12					
VOLKSWAGEN																
Golf I, Jetta C/CL 1.3 Eng. GS/GT Polo 1.3 1272 ccm	85→ 86→ 44kw(60PS)	75 4	IN	V546	036 109 601F	31,5x8x104	45	3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F				
			EX	V547	052 109 611A	28,2x8x104	45	3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F				
				75 4	IN	V645A	030 109 601F	36x8x98,9	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G		
					EX	V646	030 109 611A	28,9x8x99,1	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G		
						75 4	IN	V645A	030 109 601F	36x8x98,9	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
							EX	V682	030 109 601E	32x8x99,3	45	3	VV76.1 VV76.2 VV76.3		+0,05 +0,15 +0,25	G
		75 4						IN	V645A	030 109 601F	36x8x98,9	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25
			EX					V646	030 109 611A	28,9x8x99,1	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G

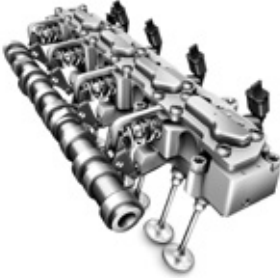
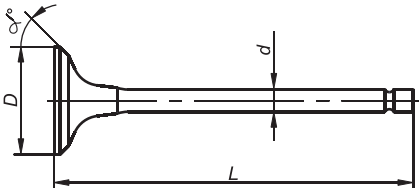
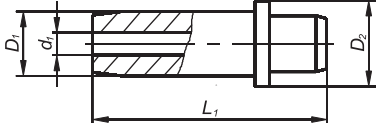
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Golf II 1.3 90→	75	IN	V645A	030 109 601F	36x8x98,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Polo CL/GT/Coupe 1.3 90→	4	IN	V682	030 109 601E	32x8x99,3	45	3	VV76.1		+0,05	G
Jetta 1.3 90→								VV76.2		+0,15	
Eng. ZG/NZ/AAV/3F/MH								VV76.3		+0,25	
1272 ccm 40/56kw(55/76PS)		EX	V646	030 109 611A	28,9x8x99,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Golf III CL/GL 1.4i 91→								VV76.1		+0,05	G
Vento 1.4i 92→								VV76.2		+0,15	
Eng. ABD								VV76.3		+0,25	
1391 ccm 44kw(60PS)											
Polo C 1.1 85→	75	IN	V645	030 109 601C	36x8x98,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Golf II, Jetta CL/GL 1.1 85→	4							VV76.1		+0,05	G
Eng. HZ								VV76.2		+0,15	
1043 ccm 33/37kw(45/50PS)								VV76.3		+0,25	
Polo C/CL/GL 1.3 85→								VV80	049 103 419	8x12,06x42,5	B
Golf II Jetta CL/GL 1.3 85→								VV80.1		+0,05	F
Eng. NZ/NU								VV80.2		+0,15	
Polo GL/Coupe-Formel 1.3 87→								VV80.3		+0,25	
1272 ccm 37/40/44kw(50/54/60PS)		EX	V646	030 109 611A	28,9x8x99,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Golf III 1.4 91-94								VV76.1		+0,05	G
Vento 1.4 92-94								VV76.2		+0,15	
Eng. ABD→No 1H-NW500000								VV76.3		+0,25	
1391ccm 44kw(60PS)								VV80	049 103 419	8x12,06x42,5	B
								VV80.1		+0,05	F
								VV80.2		+0,15	
								VV80.3		+0,25	
Passat GL/L/N/ Variant 1.3 73-78	75	IN	V755	056 109 601A	34x8x98,7	45	1	VV76	056 103 419A	8x13/12,07x36,5	B
Eng. ZA	4			056 109 601C				VV76.1		+0,05	G
1272 ccm 40/44kw(50/60PS)								VV76.2		+0,15	
								VV76.3		+0,25	
Golf I 1.5 74-75	76,5										
Jetta 1.5 78-84	4	EX	V799	056 109 611A	31,2x8x98,5	45	1	VV76	056 103 419A	8x13/12,07x36,5	B
Scirocco L 1.5 74-75				049 109 611G				VV76.1		+0,05	G
Eng. FH/JB								VV76.2		+0,15	
1471 ccm 52kw(70PS)								VV76.3		+0,25	

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Passat GL/LS/S/TS 1.5 73-75 Passat Variant 1.5 73-75 Scirocco GL/LS/TS 1.5 73-75 Eng. FD/YJ/ZB/ZC 1471 ccm 52/55/63kw(70/75/85PS)	76,5 4	IN	V755	056 109 601A 056 109 601C	34x8x98,7	45	1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,07x36,5 +0,05 +0,15 +0,25	B G
Caddy 1.5 82-83 Golf, GLS/LS/S 1.5 74-81 Jetta GL/GT/LS/S 1.5 79-81 Scirocco GL/GT/LS/S 1.5 74-81 1457 ccm 51kw(70PS)	79,5 4	EX	V799	056 109 611A 049 109 611G	31,2x8x98,5	45	1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,07x36,5 +0,05 +0,15 +0,25	B G
Golf I S 1.6 75→ Passat GLS/LS/S/TS 1.6 75-80 Scirocco CL/GT/LS/S/TS 1.6 75-80 Eng. WP/YP/FR 1588 ccm 55/63kw(70/85PS)											
Polo 1.0i 89-94 Eng. AAU Unitil chassi n 80-NW-50000 1043 ccm	75 4	IN	V682	030 109 601E	32x8x99,3	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,07x36,5 +0,05 +0,15 +0,25	B G
		EX	V646	030 109 611A	28,9x8x99,1	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,07x36,5 +0,05 +0,15 +0,25	B G
Polo 1.0i Eng. 2G, 3F, NZ, AAV From chassi n 80-NW 50001 1272ccm	75 4	IN	V847	030 109 601M/N	32x7x99,3	45	3	VV150 VV150.1	030 103 419A	7x12/11,07x36,5 +0,15	B G
		EX	V848	030 109 611D	28,9x7x99,1	45	3	VV150 VV150.1	030 103 419A	7x12/11,07x36,5 +0,15	B G
Polo 45 1.1i/1.4i 94→ Eng. AEV/ABD 1043/1391 ccm 33/40kw(45/55PS)	75 4	IN IN	V1067 V874	030 109 601G 030 109 601L	34x7x99 36x7x99,3	45 45	3 3	VV150 VV150.1	030 103 419A	7x12/11,07x36,5 +0,15	B G
Golf III 1.4i Variant, Ecomatic CL 94→ Vento 1.4i 92-95 Eng. ABD/1W 1391 ccm 44kw(60PS)		EX	V848	030 109 611D	28,9x7x99,1	45	3	VV150 VV150.1	030 103 419A	7x12/11,07x36,5 +0,15	B G

												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLKSWAGEN												
Jetta C/CL/GL 1.3	83→	75	IN	V747	049 109 601F	34x8x98,7	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Passat C/L 1.3	83→	4			049 109 601K				VV76.1		+0,05	G
Santana CX 1.3	83→								VV76.2		+0,15	
Passat C/CL 1.3	84→								VV76.3		+0,25	
Eng. EP									VV80	049 103 419	8x12,06x42,5	B
1297 ccm	44kw(60PS)								VV80.1		+0,05	F
									VV80.2		+0,15	
									VV80.3		+0,25	
Passat 1.5	72-75	76,5										
Eng. ZC		4										
1471ccm	63kw(85PS)		EX	V748	049 109 611F	31,2x8x98,5	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
									VV76.1		+0,05	G
Caddy 1.5	82→	79,5							VV76.2		+0,15	
Golf I, Jetta C/CL/GL 1.5	81→	4							VV76.3		+0,25	
Scirocco GL/GLS/GT 1.5	81→								VV80	049 103 419	8x12,06x42,5	B
Jetta CL/GL/GLS/GS 1.5	81→								VV80.1		+0,05	F
Passat CL/GL/Variant 1.5	81→								VV80.2		+0,15	
Eng. JB									VV80.3		+0,25	
1457ccm	51kw(70PS)											
Passat 1.6	81→											
Santana 1.6	81→											
Eng. WP/YP/WV/EM/FR												
1588ccm	48/55/63kw(65/75/85PS)											
LT28-35 2.0	75→	75	IN	V1613	046 109 601C	37,8x9x137,2	45	1				
LT40-45 2.0	75→	4										
Eng. CH			EX	V1614	046 109 611A	33x9x137	45	1				
1984ccm	55kw(75PS)											
Polo 55 1.3	94→	76,5	IN	V1683	030 109 601AA	32,1x7x94,5	45	3	VV217	032 103 419A	7x12/11,07x33	B
Eng. ADX		4			030 109 601AB				VV217.1		+0,15	G
1297ccm	40kW(55PS)		EX	V784	032 109 611G	29x7x95	45	3	VV217	032 103 419A	7x12/11,07x33	B
									VV217.1		+0,15	G
Polo 1.2 9N 6V	02→	76,5	IN	V1265	032 109 601L	34,5x6x99,2	45	3	VV181	058 103 415	6x11,07x36	B
Fox 1.2 6V	05→	3							VV181.1		+0,05	F
Eng. AWY/BMD SOHC												
1198ccm	40kw(54PS)		EX	V958	036 109 611K	26x6x100,5	45	3	VV181	058 103 415	6x11,07x36	B
									VV181.1		+0,05	F

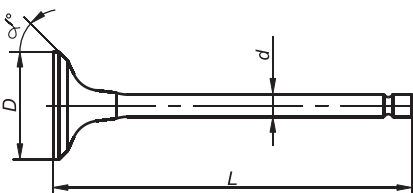
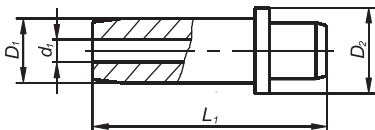
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLKSWAGEN												
Polo 1.2i Eng. AMY	02→04	76,5 3	IN	V1265	032 109 601L	34,5x6x99,2	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Polo 1.2i Eng. DMD	04→07		EX	V1110	030 109 611T 032 109 611L 032 109 611M 032 109 611A	28x6x99,2	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Polo 1.2i 12V Eng. BBM 1198ccm 40/44kw(54/60PS)	07→											
Fox 1.4i 16V Eng. BKR 1390ccm	05→	76,5 4										
Polo 1.2 9N 12V Eng. AZQ/BME SOHC 1198ccm 47kw(64PS)	01→	76,5 3	IN	V957	036 109 601AD 036 109 601S	29,5x6x100,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
New Beetle 1.4 16v Golf IV 1.4 16V Bora, Lupo 1.4 16V Jetta 1.4 16v Cady 1.4 16v Polo 1.4 16V Touran 1.4 16v Eng. AUA/AHW/AKQ/APE/BCA/ANM/ AQQ/AFK/AUB/BBY 1390ccm 55/74kw(75/101PS)	01→ 97→ 98→ 00→ 00→ 99→ 03→	76,5 4	EX	V958	036 109 611K	26x6x100,5	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Lupo 1.4 FSi 16V Golf V 1.4 FSi 16V Eng. ARR 1390ccm 77kw(105PS)	01→ 03→											
Tiguan 1.4 TSI 16V Eng. BWK, CAVA Scirocco 1.4 TSI 16V Eos 1.4 TSI 16V Jetta 1.4 TSI 16V Golf VI 1.4 TSI 16V Eng. CAVD 1390ccm	07→ 08→ 08→ 08→ 08→											

	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Polo 1.0 TSi →14 Golf VII 1.0 TSi Eng. CHZB/CHZC 999ccm 70/81kw(95/110PS)	74,5 3	IN EX	V2177 V2178	04E 109 601B 04E 109 611J	28,5x5x110,3 25,1x5x110,1	45 60	3 3				
Golf VI Cabriolet 1.4 TSi 13→ Passat Variant 1.4 TSi 14→ Tiguan 1.4 TSi 15→ Cady 1.4 TSi 15→ Beetle 1.4 TSi 14→ CC 1.4 TSi 15→ Sharan 1.4 TSi 15→ Eng. CZCA, CZCB, CZDA, CNLA, CPTA, CZEA, CZTA, CUKB, CRJA 1395ccm 92/103/110kw(125/140/150PS)											
Golf VII 1.4 TSi 16V 12→ Eng. CMBA/CHPA/CHSA 1395ccm 90kw(102PS)	74,5 4										
Bora 1.6 16v 00→ Golf IV 1.6 16v 00→ Lupo, Polo 1.6 16V 99→ Eng. ARC/AVY/ATN/AZD 1598ccm 77/92kw(105/125PS)	76,5 4	IN EX	V957 V958	036 109 601AD 036 109 601S 036 109 611K	29,5x6x100,9 26x6x100,5	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
Bora 1.6 FSi 16V 03→ Golf V 1.6 FSi 16V 03→ Passat 1.6 FSi 16V 05→ Jetta 1.6 FSi 16V 05→ Touran 1.6 FSi 16V 03→ Eng. BAG, BLF, BLP, BTS 1598ccm 81/85kw(110/115PS)											

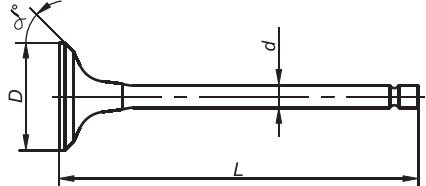
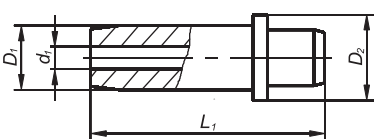
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLKSWAGEN												
LT 28/31/35/45 2.4 Eng. HS 2384ccm 62kw(84PS)	82→	76,5 6	IN	V645	073 109 601A 030 109 601C	36x8x98,9	45	3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F
LT 28/31/35/45/50 2.4 Eng. DL 2383ccm 66kw(90PS)	89→		EX	V748	049 109 611F	31,2x8x98,5	45	3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F
Polo 1.3i Eng. ADX 1296ccm 40kw(54PS)	94→97	76,5 4	IN	V1683	030 109 601AA	32,1x7x94,5	45	3	VV217	032 103 419A	7x12/11,07x33	B G
			EX	V784	032 109 611G	29x7x95	45	3	VV217	032 103 419A	7x12/11,07x33	B G
Caddy 1.4B Lupo 1.4i Polo 1.4i Eng. AUD/AKK/AKP 1390ccm 40/44kw(54/60PS)	95→ 00→ 95→01	76,5 4	IN	V1109	030 109 601AL	33,5x6x99,2	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
			EX	V1110	030 109 611T	28x6x99,2	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Polo 1.4i Caddy, Golf III –Variant 1.4i Polo–Clasic/ Variant 1.4i Vento 1.4i Eng. AKV/AEX Caddy 1.4i Golf III 1.4i Polo 1.4i Eng. AKV/APQ 1390 ccm 40/44kw(54/60PS)	95→99 97→ 97→ 85→ 97→ 93→ 95→	76,5 4	IN	V783	030 109 601AH	35,6x7x94,7	45	3	VV217 VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G
			EX	V784	032 109 611G	29x7x95	45	3	VV217 VV217.1	032 103 419 A	7x12/11,07x33 +0,15	B G

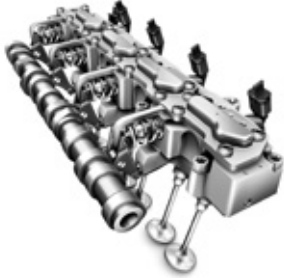
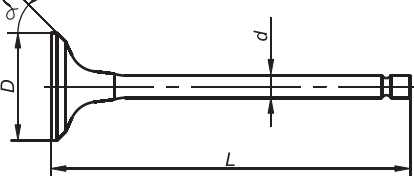
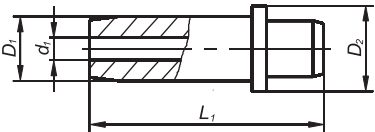
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Caddy/Pick-up 1.6i Golf III, Polo 1.6i Vento 1.6i Eng. AEE, ALM 1595 ccm	96→ 95→ 95→ 55kw(75PS)	76,5 4	IN EX	V783 V784	030 109 601AH 032 109 611G	35,6x7x94,7 29x7x95	45 3 45 3	VV217 VV217.1 VV217 VV217.1	032 103 419A 032 103 419 A	7x12/11,07x33 +0,15 7x12/11,07x33 +0,15	B G B G
Passat 1.4 TSI Ecofuel Touran 1.4 TSI Ecofuel Eng. CDGA 1390ccm	09→	76,5 4	IN EX	V2149 V2150	03C 109 601L 03C 109 611Q	29,5x6x100,7 26x6x100,7	45 3 45 3				
Polo CL 75 1.6 Eng. AEA/ABU Polo Variant 1.6 Eng. AEE Golf III CL, Variant CL 1.6 Golf III, Variant Syncro 1.6 Vento GL 1.6 Eng. AEA/ABU/AEE Golf III Variant 1.6 Eng. AEE 1598ccm	94→ 97→ 94→ 94→ 94→ 96→ 55kw(75PS)	76,5 4	IN IN EX	V922 V783 V784	032 109 601G 030 109 601AH 032 109 611G	34,6x7x94,8 35,6x7x94,7 29x7x95	45 3 45 3 45 3	VV217 VV217.1 VV217 VV217.1 VV217 VV217.1	032 103 419A 032 103 419A 032 103 419A	7x12/11,07x33 +0,15 7x12/11,07x33 +0,15 7x12/11,07x33 +0,15	B G B G B G
Caddy 1.6 Passat 1.6 Polo 1.6 Eng. 1F 1595ccm	95→ 88-90 95-99 53/55kw(72/75PS)	76,5 4	IN EX	V1293 V870	048 109 601E 048 109 611B	38x7x91,8 32,9x7x91,2	45 3 45 3	VV160 VV160.1 VV160 VV160.1	051 103 419 051 103 419	7x12,07x35 +0,15 7x12,07x35 +0,15	B F B F
Golf IV 1.6 SRE Golf Plus 1.6 SRE Eng. CCSA 1598ccm	07→ 08→ 75kw(102PS)	76,5 4	IN EX	V1379 V1380	06B 109 601 H 06B 109 601 D 06B 109 601 B 06B 109 611 C 06B 109 611 B	39,4x6x93,8 32,9x6x93,8	45 3 45 3	VV393 VV393.1 VV393 VV393.1		6x12,07x36,4 +0,05 6x12,07x36,4 +0,05	B F B F
Golf 1.0 16V 999ccm	96→		IN EX	V1135 V1136	036 109 601R 036 109 611J	22,5x6x98,7 20x6x98,5	45 3 45 3				

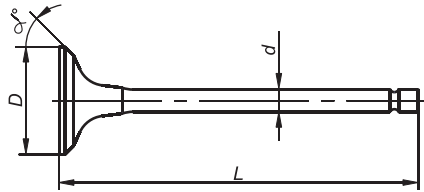
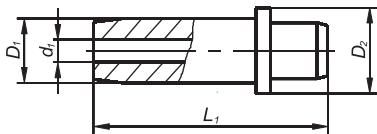
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Polo 1.4 16V Eng. AFH 1390ccm 74kw(100PS)	96-99 4	IN	V1107	036 109 601P	29,5x6x97,9	45	3	VV181	058 103 415	6x11,07x36	B
		EX	V1108	036 109 611L	26x6x97,3	45	3	VV181.1	058 103 415	+0,05	F
1200, 1200A 1.2 113/117/141/151 1.2 Combi 221 1.2 Transporter 211 1.2 Eng. F 1192ccm 25kw(34PS)	60-→ 4 60-→ 60-→ 60-→	IN	V318	113 109 601A	31,5x8x111,8	45	3	VV233	113 101 402	8x12,06x64,5	B
		EX	V319	113 109 612	30x8x111,8	45	3	VV233.1	113 101 403	+0,05	A
1200, 1200L, 1303 1.3 1285ccm 33kw(44PS)	74-→ 4	IN	V1127	311 109 601	35,5x8x111,9	45	3	VV233.2	113 101 404	+0,15	
		EX	V834	043 109 611	30x9x111,9	45	3	VV233.3	113 101 406	+0,25	
1303 L/LS 1.6 Bus, Kombi 1.6 Transporter 1.6 Eng. AS 1584ccm 37kw(50PS)	74-→ 4 74-80 74-80	IN						VV233.4	113 101 408	+0,45	
		EX						VV253	113 101 416	8x12,06x65,5	B
1300L, 1302, 1303L 1.3 1285ccm 33kw(44PS)	72-→ 4	IN	V1127	311 109 601	35,5x8x111,9	45	3	VV253.1	113 101 417	+0,05	A6
		IN	V1080	040 109 601	39x8x111,8	45	3	VV253.2	113 101 418	+0,15	
1500A/N, 1600, 1600A/Variant 1.5 Transporter 1.5 1493ccm 33kw(54PS)	63-75 4	IN						VV253.3	113 101 420	+0,25	
		EX	V1128	311 109 612A 311 109 612	32x8x111,8	45	3	VV253.4	113 101 422	+0,45	
1500S/Variant 1.5 1493ccm 40kw(54PS)	63-67 4	IN									
		EX									
1300 LS/S, 1302S 1.6 1303 L/S 1.6 1600A L/TL/Variant 1.6 Eng. T/P 1584ccm 40kw(54PS)	70-→ 4 72-74 65-75	IN									
		EX									

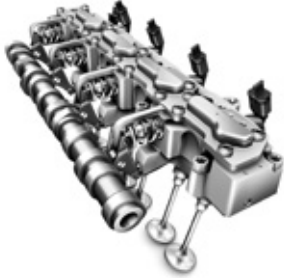
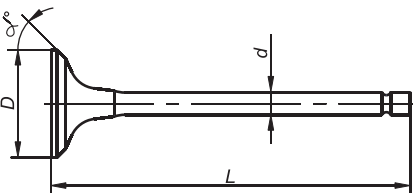
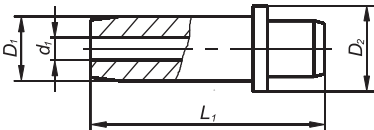
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Golf I GLi 1.6 75-82	79,5	IN	V749	049 109 601A	38x8x105,7	45	1	VV76	056 103 419A	8x13/12,06x36,5	B
Golf I GLi/GTi 1.6 75-83	4							VV76.1		+0,05	G
Jetta CLi/GLi/GTi 1.6 81→								VV76.2		+0,15	
Scirocco GLi/GTi 1.6 76-82								VV76.3		+0,25	
Passat 1.6 76-82											
Eng. YS,EG 1588ccm	81kw(110PS)	EX	V750	049 109 611A	31,2x8x105,5	45	1	VV80	049 103 419	8x12,06x42,5	B
								VV80.1		+0,05	F
								VV80.2		+0,15	
								VV80.3		+0,25	
Passat CL5/GL5/Variant 1.9 81→	79,5	IN	V751	035 109 601C	38x8x98,7	45	3	VV80	049 103 419	8x12,06x42,5	B
Santana CL5/GL5 1.9 81→	5			035 109 601F				VV80.1		+0,05	F
Eng. WN 1921ccm	85kw(115PS)							VV80.2		+0,15	
								VV80.3		+0,25	
Caddy 1.6 84→	81	EX	V752	035 109 611F	33,2x8x98,5	45	3	VV80	049 103 419	8x12,06x42,5	B
Jetta, Passat C/CL/GL 1.6 84→	4							VV80.1		+0,05	F
Santana CX/GX/LX 1.6 84→								VV80.2		+0,15	
Scirocco GT/GTL 1.6 84→								VV80.3		+0,25	
Golf II C/CL/GL/Cabriolet 1.6 84→											
Eng. EW/HN/EZ/HM/DT 1595ccm	55kw(75PS)										
Caddy 1.8 85→											
Golf II Cabrio 1.8 83→											
Golf II Carat 1.8 84→											
Scirocco 1.8 84→											
Passat CL 1.8 84→											
Jetta 1.8 84→											
Santana LX 83→											
Eng. EX/GU/GX/JH/DS/DZ 1781ccm	66/82kw(90/122PS)										

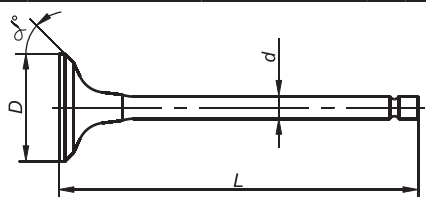
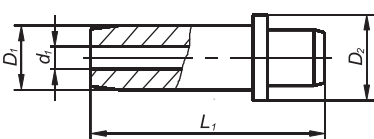
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1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Passat 2.2 84→85 Eng. HY 2144ccm 100kw(136PS)	79,5 5	IN	V701	026 109 601C	40x8x91	45	3	VV76	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
								VV76.1 VV76.2 VV76.3			
Golf II, Jetta CL/GL/GT/GTi 1.8 88→ Passat CL/GL/GT 1.8 88→ Eng. RV/PF/PB 1781ccm 77/82kw(104/112PS)	81 4	IN	V701	026 109 601C	40x8x91	45	3	VV80	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
								VV80.1 VV80.2 VV80.3			
		EX	V702B	053 109 611	33,2x8x91	45	3	VV76	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
								VV76.1 VV76.2 VV76.3 VV80			
Golf III, Vento, Passat 1.8 94→ Golf III Cabriolet, Variant 1.8 94→ Eng. AAM, ADZ 1781ccm 55/66kw(75/90PS)	81 4	IN	V1293	048 109 601E	38x7x91,8	45	3	VV160	051 103 419	7x12,07x35 +0,15	B F
								VV160.1			
		EX	V870	048 109 611B	32,9x7x91,2	45	3	VV160	051 103 419	7x12,07x35 +0,15	B F
								VV160.1			
Bora 1.6i 00→ Cady 1.6i 04→ Golf IV 1.6i 00→ Touran 1.6i 03→ Eng. AVU, BGU, BFQ, BSE, BSF	81 4	IN	V1379	06B 109 601D 06B 109 601B	39,4x6x93,8	45	3	VV393		6x12,07x36,4 +0,05	B F
								VV393.1 VV376			
New Beetle 1.6i 04→ Passat 1.6i 00→ Eng. ALZ, AYD 1595ccm 75kw(102PS)		EX	V1380	06B 109 611C 06B 109 611B	32,9x6x93,8	45	3	VV376.1		6x12,05x38,5 +0,05	B F
								VV393 VV393.1 VV376 VV376.1			

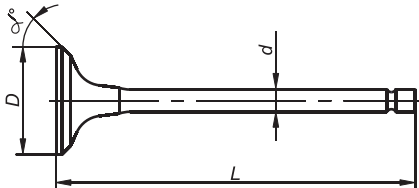
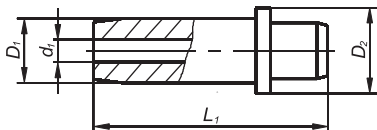
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Caddy 1.6 85→ Golf II, Jetta 1.6 85→ Passat, Scirocco 1.6 85→ Eng. EZA/EW/EZ/HN/HM 1595ccm 51/55kw(69/75PS)	81 4	IN	V754	035 109 601H 035 109 601G	38x8x91	45	3	VV76 056 103 419A VV76.1 VV76.2 VV76.3 VV80 049 103 419 VV80.1 VV80.2 VV80.3	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F	
Golf II 1.8 85→ Golf IICi/GLi 1.8 84→ Jetta, Passat, Scirocco 1.8 85→ Eng. EX/GU/GX/RG 1781ccm 66/79kw(90/107PS)	81 4	EX	V702	026 109 611A 048 109 611A	33,2x8x91	45	3	VV76 056 103 419A VV76.1 VV76.2 VV76.3 VV80 049 103 419 VV80.1 VV80.2 VV80.3	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F	
Golf IV 1.6 96→ Bora 1.6 98→ Polo 1.6 95→ Vento 1.6 96→ Passat 1.6 96→ Eng. AEH, AKL, AFT, AHL, AEK, ARM Passat 1.6 96→ Eng. ARM/ADP New Beetle 1.6 99→ Eng. AWH 1595ccm 74kw(101PS)	81 4	IN	V869	078 109 601B	39,5x7x91,9	45	3	VV151 037 103 419B VV151N VV151.1	7x13/12,07x36,5 +0,05 +0,15	B G	
Transporter T4 2.0 90-03 Eng. AAC 1968ccm 62kw(84PS)	81 4	EX	V870	048 109 611B 078 109 611C	32,9x7x91,2	45	3	VV151 037 103 419B VV151N VV151.1	7x13/12,07x36,5 +0,05 +0,15	B G	

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Golf III 2.0 Vento 2.0 Passat 2.0 Corrado 2.0 Sharan 2.0 Eng. 2E/ADY New Beetle 2.0i Golf IV 2.0i Bora, Jetta 2.0i Eng. AEG/AQY/APK/AGG Caddy 2.0 Sharan 2.0 Passat 2.0 Teuran 2.0 Eng. ATM/AZM/BSX/AKR/AWG/AVH/BER 1984ccm 80/85kw(109/115PS) Transporter 2.0 Eng. AXA 1984ccm 85kw(115PS)	91→95 92→96 90→ 93→95 95→ 98→ 98→ 98→ 06→ 00→ 00→ 06→	82,5 4 EX	IN EX	V869 V870	078 109 601 B 048 109 611 B 078 109 611 C	39,5x7x91,9 32,9x7x91,2	45 3 45 3	VV151 VV151N VV151.1 VV151 VV151N VV151.1	037 103 419B 037 103 419B	7x13/12,07x36,5 +0,05 +0,15 7x13/12,07x36,5 +0,05 +0,15	B G B G
Golf II GLi 1.8 Golf II GTi 1.8 Scirocco GLi/GTi/GTS 1.8 Eng. DX, EV 1781ccm 82kw(112PS)	83→ 84→ 85→	81 4 	IN EX	V753 V752	026 109 601 035 109 611F	40x8x98,7 33,2x8x98,5	45 3 45 3	VV80 VV80.1 VV80.2 VV80.3 VV80 VV80.1 VV80.2 VV80.3	049 103 419 049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B F B F
Golf II GTi 1.8i 16V Jetta, Passat GTi 1.8i 16V Scirocco GT/GTx 1.8i 16V Corrado GTi 1.8i 16V Eng. PL/KR 1781ccm 95/98kw(129/133PS)	85→ 88→ 85→ 89→	81 4 	IN EX	V779 V780	027 109 601C 027 109 611D	32x7x95,5 28x7x98,2	45 1 45 1	VV149 VV149.1 VV149 VV149.1	027 103 419 027 103 423 027 103 419 027 103 423	7x13/12,07x38 +0,05 7x13/12,07x38 +0,05	B G B G

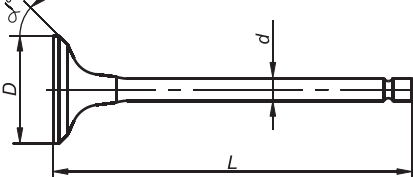
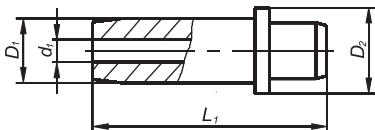
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Golf II 2.0i 16V Jetta 2.0i 16V Passat GT 2.0i 16V Corrado GT 2.0i 16V Eng. 9A 1984ccm	89-91 89-92 88→ 91→ 100kw(136PS)	82,5 4 EX	IN V779 V780	027 109 601C 027 109 611D	32x7x95,5 28x7x98,2	45 45	1 1	VV149 VV149.1 VV149 VV149.1	027 103 419 027 103 423 027 103 419 027 103 423	7x13/12,07x38 +0,05 7x13/12,07x38 +0,05	B G B G
Golf II, Jetta GTi 1.8 Scirocco GT/GTL/GTx 1.8 Eng. RD 1781ccm	85→ 85→ 79kw(107PS)	81 4 EX	IN V701 V702	026 109 601C 026 109 611A 048 109 611A	40x8x91 33,2x8x91	45 45	3 3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3 VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419 056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F B G B F
Golf II, Jetta 1.6 Scirocco, Passat 1.6 Eng. PP/PN/RE/RF 1595ccm	86→ 86→ 51/53kw(69/72PS)	81 4 EX	IN V796 V702B	035 109 601J 035 109 601K 053 109 611	38x8x91,9 33,2x8x91	45 45	3 3	VV76 VV76.1 VV76.2 VV76.3 VV76 VV76.1 VV76.2 VV76.3	056 103 419A 056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25	B G B G
Passat CL/GL 1.6 Eng. DT 1595ccm	88→ 53/55kw(72/75PS)										
Passat GL 1.8 Eng. DS/JN 1781ccm	88→ 66kw(90PS)										
Golf II, Jetta CL/GL/GT 1.8 Scirocco 1.8 Passat CL/GL/GT 1.8 Eng. GU/RP F1G-M-000001→ 1781ccm	89→ 89→ 89→ 66/77kw(90/105PS)										

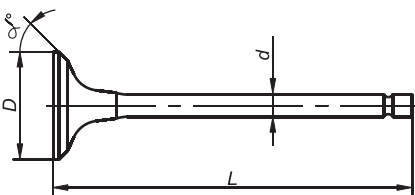
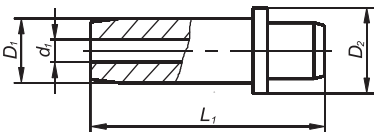
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Golf III, Vento, Passat 1.8 Golf III Cabriolet 1.8 Eng. AAM/ADZ Up to Erg. 408197/001108 1781ccm 55/66kw(75/90PS)	94→ 93→	81 4	IN 	V796 035 109 601J 035 109 601K	38x8x91,9	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Caddy 1.6 Golf III, Vento, Passat CL/GL/GT 1.6 Golf III, Vento, Passat, Syncro 1.6 Jetta, Polo 1.6 Transporter T4 1.6 Eng. ABN/1F Up to Eng. 408197/001108 1595ccm 55/75kw(75/102PS)	95→ 91→ 93→ 91→ 91→	EX	V702B	053 109 611	33,2x8x91	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Golf III 1.8 Vento 1.8 Passat 1.8 Transporter T4 1.8 Transporter Syncro T4 1.8 Caravelle 1.8 Eng. ABS/AAM/PD/ADZ 1781ccm 55/66kw(75/90PS)	91→ 92→ 91→ 93→ 91→ 90→										
Golf II 1.8 Jetta 1.8 Passat 1.8 Santana 1.8 Scirocco 1.8 Eng. DS/EX/GU/GX 1781ccm 62/66kw(74/90PS)	84-91 84-91 82-88 82-88 83-92										
Golf III GL/GT 2.0 Vento GL 2.0 Passat 2.0 Santana 2.0 Eng. APP/AGG/JS/HP 1984ccm 79/85kw(107/116PS)	92→ 92→ 84→ 84→	82,5 4									
Passat 2.1 Santana 2.1 Eng. HY 2144ccm 100kw(136PS)	82-84 82-84	79,5 5									

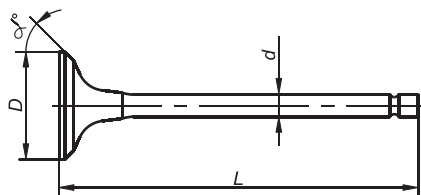
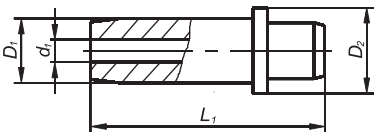
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Passat 2.2 Eng. KX/KV/JT 2266ccm 85/88/100kw(116/120/136PS)	85-88	81 5	IN	V796 							

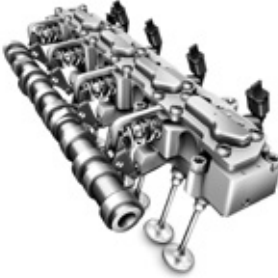
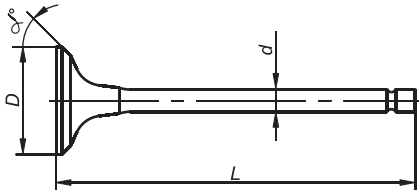
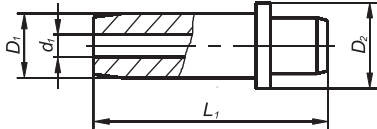
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLKSWAGEN												
Golf IV 1.8i 20V Bora 1.8i 20V Eng. AGN	97→ 97→	81 4	IN	V839* * Retainer s.e. 5 mm	058 109 601C	26,9x6x105,1	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Passat 1.8i 20V Eng. AFY, ADR, APT 1781ccm 85/92kw(116/125PS)	96→00		EX	V840* * Retainer s.e. 3,4 mm	058 109 611M	29,9x6x103,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Passat 2.8i V6 30V Eng. ACK, APR, AMX, BBG, ALG, AQD 2771ccm 140/142kw(190/193PS)	97→05	82,5 V6										
New Beetle 1.8i 20V Turbo Bora 1.8i 20V Turbo Golf IV 1.8i 20V Turbo Eng. AGU, AUQ, ARZ, AVC, ARX, AUM	99→ 00→05 99→04	81 4	IN	V839* * Retainer s.e. 5 mm	058 109 601C	26,9x6x105,1	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,15	B F
Passat 1.8i 20V Turbo Eng. AEB, ANB, AWT, APU	96→05		EX	V1634* * Retainer s.e. 5 mm	058 109 611E	29,9x6x103,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,15	B F
Sharan 1.8i 20V Turbo Eng. AJH 1781ccm 110/132kw(150/180PS)	97→											
Golf IV, Passat 2.3 VR5 20V Bora 2.3 VR5 20V Eng. AGZ 2324ccm 110kw(150PS)	97→ 98→	81 5	IN	V929	021 109 601H	39x7x106	45	3	VV149 VV149.1	027 103 419 027 103 423	7x13/12,07x38 +0,05	B G
Sharan 2.8 VR6 Golf III GTi VR6 Jeta 2.8 VR6 Vento GL/GT VR6 Corrado 2.8 VR6 Passat GL/GLS/GT VR6 Eng. AAA/AMY 2792ccm 128kw(174PS)	95→ 92→ 95→ 92→ 91→ 91→	81 6	EX	V930	021 109 611D	34,2x7x107	45	3	VV149 VV149.1	027 103 419 027 103 423	7x13/12,07x38 +0,05	B G
Golf III GTi 2.9 VR6 Syncro Passat 2.9 VR6 Corrado 2.9 VR6 Golf Variant 2.9 VR6 Eng. ABV 2861ccm 140kw(190PS)	94→ 94→ 91→ 97→	82 6										

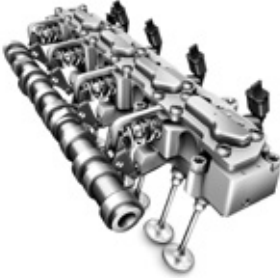
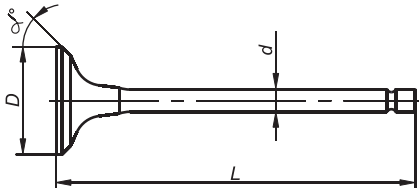
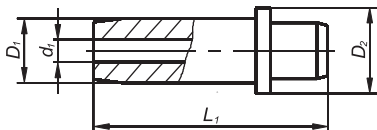
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Passat VR5 2.3 20V Eng. AZX 2324ccm 125kw(170PS)	01→	81	IN	V1217	022 109 601E	31x6x102,1	45	3	VV512 VV512N	6x10,04x44 +0,05	B F
		5	EX	V1218	022 109 611C	27x6x136,4	45	3	VV513 VV513N	6x10,04x65 +0,05	B F
Beetle VR5 2.3 20V Bora VR5 2.3 20V Golf V VR5 2.3 20V Eng. AQN 2324ccm 125kw(170PS)	00→	81	IN	V1217	022 109 601E	31x6x102,1	45	3	VV512 VV512N	6x10,04x44 +0,05	B F
	00→	5	IN	V1219	022 109 601F	31x6x136	45	3	VV513 VV513N	6x10,04x65 +0,05	B F
	00→		EX	V1218	022 109 611C	27x6x136,4	45	3	VV513 VV513N	6x10,04x65 +0,05	B F
			EX	V1220	022 109 611B	27x6x102,5	45	3	VV512 VV512N	6x10,04x44 +0,05	B F
Sharan VR6 2.8 24V Eng. AYL 2792ccm 150kw(204PS)	00→	81	IN	V1219	022 109 601F	31x6x136	45	3	VV513 VV513N	6x10,04x65 +0,05	B F
		6	EX	V1218	022 109 611C	27x6x136,4	45	3	VV512 VV512N	6x10,04x44 +0,05	B F
Bora, Golf V VR6 2.8 24V Eng. AQP Bora, Golf V VR6 2.8 24V 4x4 Eng. AUE/BDE 2792ccm 150kw(204PS)	99→	81	IN	V1217	022 109 601E	31x6x102,1	45	3	VV512 VV512N	6x10,04x44 +0,05	B F
	99→	81	EX	V1218	022 109 611C	27x6x136,4	45	3	VV513 VV513N	6x10,04x65 +0,05	B F
		V6	IN	V1219	022 109 601F	31x6x136	45	3	VV513 VV513N	6x10,04x65 +0,05	B F
		6	EX	V1220	022 109 611B	27x6x102,5	45	3	VV512 VV512N	6x10,04x44 +0,05	B F
Golf III, Vento, Passat GTi 2.0 16V Sharan 2.0i 16V Eng. ABF 1984ccm 105/110kw(143/150PS)	92→	82,5	IN	V889	051 109 601B	32x7x95,5	45	3	VV160 VV160.1	051 103 419 7x12,07x35 +0,15	B F
	96→	4	EX	V890	051 109 611B	27x7x98	45	3	VV160 VV160.1	051 103 419 7x12,07x35 +0,15	B F

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLKSWAGEN												
Golf 2.0 FSI 16V Eng. AXX	04-08	82,5 4	IN	V2027	06D 109 601M 079 109 601B	33,8x6x104	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Bora 2.0 TFSI 16V	05→											
Golf 2.0 TFSI 16V	05-11		EX	V1606	06D 109 611H	28x6x101,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Passat 2.0 TFSI 16V	05-07											
Eos 2.0 TFSI 16V Eng. BPY	06→											
Bora 2.0 TFSI 16V	05→											
Golf 2.0 TFSI 16V	05→											
Jetta 2.0 TFSI 16V	05→											
Vento 2.0 TFSI 16V	06→											
Eos 2.0 TFSI 16V Eng. BWA	06→											
1984ccm	147kw(200PS)											
Golf V 2.0 TFSI 16V Eng. BYD	06-08											
Scirocco 2.0 TFSI 16V Eng. CDLC	09→											
Passat 1.8i TFSI 16V Eng. BZB	07→											
1781ccm	118kw(160PS)											
Tiguan 2.0 TSI 16V Eng. CAWA	08→											
1984ccm	125kw(170PS)											
Golf V 2.0 TFSI 16V	08→											
Jetta 2.0 TFSI 16V	08→											
Passat 2.0 TFSI 16V	07→											
Scirocco 2.0 TFSI 16V	08→											
Tiguan 2.0 TFSI 16V	07→											
Vento 2.0 TFSI 16V	08→											
Eos 2.0 TFSI 16V Eng. CAWB	08→											
Bora 2.0 TFSI 16V	08→											
Golf 2.0 TFSI 16V	08→											
Eos 2.0 TFSI 16V	07→											
Jetta 2.0 TFSI 16V	08→											
Passat 2.0 TSI 16V	09-10											
Passat 2.0 TFSI 16V Eng. CBFA	07-08											
1984ccm	147kw(200PS)											

												
		CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1		2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN												
Bora 2.0 TFSI 16V	08→	82,5	IN	V2027	06D 109 601M	33,8x6x104	45	3	VV181	058 103 415	6x11,07x36	B
Eos 2.0 FSI 16V	07→	4			079 109 601B				VV181.1		+0,05	F
Golf IV 2.0 TFSI 16V	08→											
Passat 2.0 TSI 16V	08→10		EX	V1606	06D 109 611H	28x6x101,9	45	3	VV181	058 103 415	6x11,07x36	B
Passat 2.0 TFSI 16V	07→								VV181.1		+0,05	F
Tiguan 2.0 FSI 16V	07→											
Eng. CCTA												
1984ccm	147kw(200PS)											
Passat 2.0 TFSI 16V	07→											
Tiguan 2.0 TSI 16V	08→											
Eng. CCTB												
1984ccm	125kw(170PS)											
Eos 2.0 TFSI 16V	09→											
Jetta 2.0 TFSI 16V	10→											
Passat 2.0 TFSI 16V	09→											
Sharan II 2.0 TFSI	10→											
Tiguan 2.0 FSI 16V	07→											
Tiguan 2.0 TFSI 16V	09→											
Eng. CCZA												
1984ccm	147kw(200PS)											
CC 2.0 TSI	11→											
Golf VI 2.0 GTI 16V	09→											
Passat 2.0 TFSI 16V	10→											
Scirocco 2.0 TFSI 16V	09→											
Tiguan 2.0 TSI 16V	11→											
Eng. CCZB												
1984ccm	155kw(211PS)											
Golf VI 1.8 TFSI 16V	09→											
Passat 1.8 FSI 16V	09→											
Passat 1.8 TFSI 16V	09→											
Eng. CDAA/CDAB												
1798ccm	118/112kw(160/152PS)											
Scirocco 2.0 TFSI 16V	09→											
Eng. CDLA												
1984ccm	195kw(265PS)											

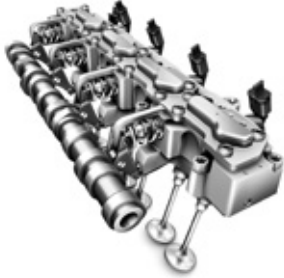
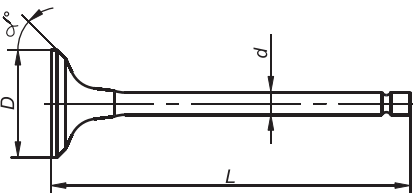
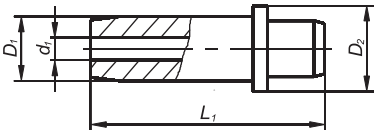
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1	2	3	4	5	6	7	8	9	10	11	12	
VOLKSWAGEN												
Golf V 2.0 FSi 16V	03-05	82,5	IN	V1605	06D 109 601K	33,8x6x104	45	3	VV181	058 103 415	6x11,07x36	B
Touran 2.0 FSi 16V	03-04	4			06E 109 601E				VV181.1		+0,05	F
Eng. AXW					06E 109 601F							
Golf V 2.0 FSi 16V	05-07											
Jetta 2.0 FSi 16V	05→		EX	V1606	06D 109 611K	28x6x101,9	45	3	VV181	058 103 415	6x11,07x36	B
Passat 2.0 FSi 16V	05→				06D 109 611L				VV181.1		+0,05	F
Touran 2.0 FSi 16V	04-05											
Eng. BLR BLX, BLY												
Golf V 2.0 FSi 16V	05-08											
Passat 2.0 FSi 16V	05→											
Eng. BVX												
Golf V 2.0 FSi 16V	05-08											
Jetta 2.0 FSi 16V	05-08											
Passat 2.0 FSi 16V	05→											
Touran 2.0 FSi 16V	05-07											
Golf Plus 2.0 FSi 16V	07-08											
Eos 2.0 FSi 16V	06-08											
Eng. BW/BVZ												
1984ccm	110kw(150PS)											
Bora 2.5i 20V	05-07	82,5	IN	V1679	06E 109 601Q	32,3x6x104	45	3	VV181	058 103 415	6x11,07x36	B
Jetta 2.5i 20V	05-08	4							VV181.1		+0,05	F
Eng. BGP												
New Beetle 2.5i 20V	05→		EX	V1606	06D 109 611K	28x6x101,9	45	3	VV181	058 103 415	6x11,07x36	B
Eng. BPR/BPS					06D 109 611L				VV181.1		+0,05	F
Bora 2.5i 20V												
Jetta 2.5i 20V	05-07											
Eng. BGQ/BTK												
Bora 2.5i 20V	08→											
Jetta 2.5i 20V	07→											
Eng. CBTA/CBUA												
Bora 2.5i 20V	07→											
Jetta 2.5i 20V	08→											
Eng. CCCA												
2480ccm	110kw(150PS)											

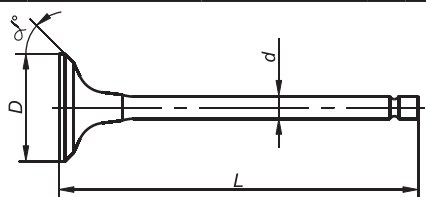
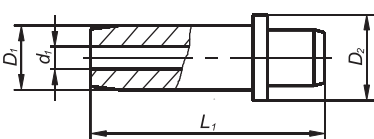
											
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Tuareg 3.2i V6 24V Phaeton 3.2i V6 24V Multivan 3.2i V6 24V Golf 3.2i V6 24V Eos 3.2i V6 24V Eng. AXZ, AZZ, BKJ, BMV Eng. BRJ, AYT, BKL, BRK Eng. BDL, BKK, BFH, BML Eng. BUD, CBR 3189ccm	02→ 02→ 02→ 02→ 02→	84 V6	IN	V1685	022 109 601G	33,2x6x102,4	45 3	VV512 VV512N		6x10,04x44 +0,05	B F
			IN	V1687	022 109 601H	33,2x6x136,3	45 3	VV513 VV513N		6x10,04x65 +0,05	B F
			EX	V1686	022 109 611N 022 109 611D	30,2x6x102,3	45 3	VV512 VV512N		6x10,04x44 +0,05	B F
			EX	V1688	022 109 611P 022 109 611M	30,2x6x136,1	45 3	VV513 VV513N		6x10,04x65 +0,05	B F
Phaeton 4.2 32V Touareg 4.2 32V Eng. BGH, BHX, BGJ 4172ccm	03→ 03→	84,5 V8	IN	V1137	077 109 601Q	26,9x6x96,5	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
			EX	V1138	077 109 611S 077 109 611K	29,9x6x95	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Passat 3.2 Fsi 24V Eng. AXZ 3168ccm	05→ 184kw(250PS)	89 6	IN	V1685	022 109 601G	33,2x6x102,4	45 3	VV512 VV512N		6x10,04x44 +0,05	B F
			IN	V1687	022 109 601H	33,2x6x136,3	45 3	VV513 VV513N		6x10,04x65 +0,05	B F
Passat 3.6 Fsi 24V Eng. BLV 3597ccm	05→ 206kw(280PS)		EX	V1686	022 109 611N 03H 109 611D	30,2x6x102,3	45 3	VV512 VV512N		6x10,04x44 +0,05	B F
Passat 3.6 Fsi 24V Eng. BWS 3597ccm	07→ 220kw(290PS)		EX	V1688	022 109 611P 03H 109 611E 022 109 611M	30,2x6x136,1	45 3	VV513 VV513N		6x10,04x65 +0,05	B F
Transporter T2 1.7 412.7 Eng. CA/CB 1679ccm	71-73 49kw(66PS)	90 4	IN	V1857	021 109 601	39,3x8x117	60 3				
			EX	V1858	022 109 612D	33x9x117	45 3				
VW-Porsche 914 1.7 412 1.7 Eng. W 1679ccm	69-73 59kw(80PS)										
Transporter T2 1.8 Eng. AP 1795ccm	 50kw(68PS)	93 4									

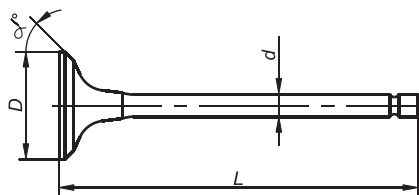
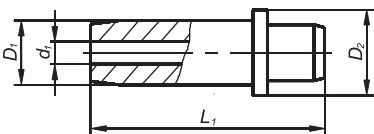
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLKSWAGEN												
LT 28-35-46 2.3 16V Eng. AGL 2295ccm 105kw(143PS)	97→	90,9 4	IN	V1229	00A 109 601A	35x7x101,5	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
			EX	V1230	00A 109 611	31x7x103,5	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
Transporter 1.9 Transporter Syncro 1.9 Eng. DF, EY 1913ccm 44kw(60PS)	83→ 85→	94 4	IN	V1539	025 109 601B 025 109 601A	35,5x8x122,4	45	3	VV281 VV281.1 VV281.2 VV281.3	113 101 402A 113 101 403A 113 101 405A	8x14,3/12,07x64 +0,05 +0,15 +0,25	B B1
			EX	V1540	025 109 612B	30x9x122,7	45	3	VV282 VV282.1 VV282.2 VV282.3	021 101 417A	9x14,6/13,07x66,5 +0,05 +0,15 +0,25	B B6
Caravelle 1.9 Multivan 1.9 Transporter 1.9 "Wasserboxer" Eng. DG/DH/GW 1913ccm 57kw(78PS)	85-90 82-90 82→	94 4	IN	V1113	025 109 601	39,9x8x122,4	45	3	VV281 VV281.1 VV281.2 VV281.3	113 101 402A 113 101 403A 113 101 405A	8x14,3/12,07x64 +0,05 +0,15 +0,25	B B1
			EX	V1114	025 109 612A	33,9x9x122,7	45	3	VV282 VV282.1 VV282.2 VV282.3	021 101 417A	9x14,6/13,07x66,5 +0,05 +0,15 +0,25	B B6
Transporter 2.1 "Wasserboxer" Eng. SR, SS 2109ccm 64/68kw(88/92PS)	85→											
Transporter Syncro 2.1 Eng. DJ, MV 2109ccm 70/82kw(95/112PS)	85→											

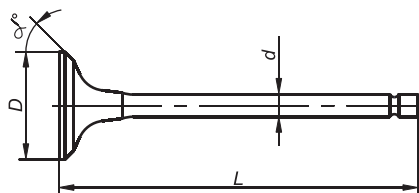
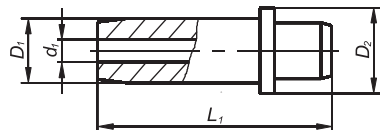
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Polo D 1.3D 86→ Polo C/CL/Coupe 1.3D 86→ Eng. MN 1272ccm 33kw(45PS) Polo CL/GT/Fox Coupe 1.4D 90→ Eng. 1W 1398ccm 35kw(48PS)	75 4	IN	V719	030 109 601	34x8x99,1	45	3	VV76	056 103 419 A	8x13/12,06x36,5	B
								VV76.1		+0,05	G
								VV76.2		+0,15	
								VV76.3		+0,25	
								VV80	049 103 419	8x12,06x42,5	B
								VV80.1		+0,05	F
								VV80.2		+0,15	
								VV80.3		+0,25	
		EX	V646	030 109 611A	28,9x8x99,1	45	3	VV76	056 103 419 A	8x13/12,06x36,5	B
								VV76.1		+0,05	G
								VV76.2		+0,15	
								VV76.3		+0,25	
								VV80	049 103 419	8x12,06x42,5	B
								VV80.1		+0,05	F
								VV80.2		+0,15	
								VV80.3		+0,25	
Lupo 1.2TDi 99→ Eng. ANY, AYZ 1191ccm 45kw(61PS)	76,5 3	IN	V1689	045 109 601	36x7x89,6	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
								VV151N		+0,05	G
								VV151.1		+0,15	
		EX	V1690	045 109 611	31,5x7x89,6	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
Golf I D/GLD/LD 1.5D 76-80 Passat GLD/LD 1.5D 76-80 Eng. CK/CS 1471ccm 37kw(50PS) Golf I, Jetta D/GLD/LD 1.6D 80→ Passat D/GLD/LD 1.6D 80→ Eng. CR 1588ccm 40kw(54PS) Transporter 1.6 D 80→ Tup 2 →Eng. No. F24-b-152581 1588ccm 37kw(50PS)	76,5 4	IN	V713	068 109 601	34x8x104,8	45	1	VV76	056 103 419 A	8x13/12,06x36,5	B
								VV76.1		+0,05	G
								VV76.2		+0,15	
								VV76.3		+0,25	
					+0,5S						
		EX	V714	068 109 611	31x8x104,6	45	1	VV76	056 103 419 A	8x13/12,06x36,5	B
								VV76.1		+0,05	G
								VV76.2		+0,15	
								VV76.3		+0,25	
					+0,5S						

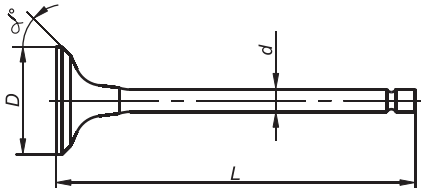
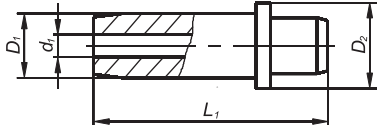
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Caddy 1.6D 81-92 Golf I, Jetta, Passat C/CL/GL 1.6D 81-85 Santana C/CL/GL 1.6D 81→ Eng. CR, JK, JP 1588ccm 40kw(54PS)	76,5 4	IN	V541	068 109 601C	34x8x104,8	45	3	VV76	056 103 419 A	8x13/12,06x36,5	B
			V541N		+0,3S			VV76.1		+0,05	G
			V541N1		+0,5S			VV76.2		+0,15	
			V541N3		+0,8S			VV76.3		+0,25	
			V541N4		+1,5S						
Transporter T2 1.6D 81-87 Eng. CS Eng. No. F24-B-152582→ 1588ccm 37kw(50PS)	79,5 4	EX	V542	068 109 611C	31,2x8x104,6	45	3	VV76	056 103 419 A	8x13/12,06x36,5	B
			V542N		+0,3S			VV76.1		+0,05	G
			V542N1		+0,5S			VV76.2		+0,15	
			V542N3		+0,8S			VV76.3		+0,25	
			V542N4		+1,5S						
Transporter, T3 Caravele 1.7 D 86-92 Caravelle 1.7D 86-92 Eng. KY 1715ccm 42kw(57PS)	79,5 4	EX	V542N5		+1,0S						
Golf II GTD Turbo 1.6 82-85 Jetta GTD Turbo 1.6 82-85 Passat GTD Turbo 1.6 82-85 Santana GTD Turbo 1.6 82-85 Transporter T3 1.6D Turbo 87→ Eng. CY/JR/JX Turbo 1588ccm 50/52kw(68/70PS)	76,5 4	IN	V541A	068 109 601D	34x8x104,8	45	3	VV76	056 103 419 A	8x13/12,06x36,5	B
			V541N		+0,3S			VV76.1		+0,05	G
			V541N1		+0,5S			VV76.2		+0,15	
			V541N3		+0,8S			VV76.3		+0,25	
			V541N4		+1,5S						
Transporter T3 1.6D Turbo 87→ Eng. CY/JR/JX Turbo 1588ccm 50/52kw(68/70PS)	76,5 4	EX	V541N5		+1,0S						
			V542A	068 109 611D 072 109 611	31,2x8x104,6	45	3	VV76	056 103 419 A	8x13/12,06x36,5	B
			V542N		+0,3S			VV76.1		+0,05	G
			V542N1		+0,5S			VV76.2		+0,15	
			V542N3		+0,8S			VV76.3		+0,25	
Santana 1.6D 82→ Golf II C/CL/GL 1.6D 85→ Caddy 1.6D 82-92 Jetta C/CL/GL 1.6D 85→ Passat C/CL/GL 1.6D 85→ Eng. JP/JK/ME/MF/CR/RA/SB 1588ccm 40kw(54PS)	76,5 4	IN	V543	068 109 601L	34x8x95,1	45	3	VV76	056 103 419 A	8x13/12,06x36,5	B
			V543N		+0,3S			VV76.1		+0,05	G
			V543N1		+0,5S			VV76.2		+0,15	
			V543N3		+0,8S			VV76.3		+0,25	
			V543N4		+1,5S						
Passat C/CL/GL 1.6D 85→ Eng. JP/JK/ME/MF/CR/RA/SB 1588ccm 40kw(54PS)	76,5 4	EX	V543N5		+1,0S						
			V544	068 109 611L	31,2x8x95	45	3	VV76	056 103 419 A	8x13/12,06x36,5	B
			V544N		+0,3S			VV76.1		+0,05	G
			V544N1		+0,5S			VV76.2		+0,15	
			V544N3		+0,8S			VV76.3		+0,25	
Passat C/CL/GL 1.6D 85→ Eng. JP/JK/ME/MF/CR/RA/SB 1588ccm 40kw(54PS)	76,5 4	EX	V544N4		+1,5S						
			V544N5		+1,0S						

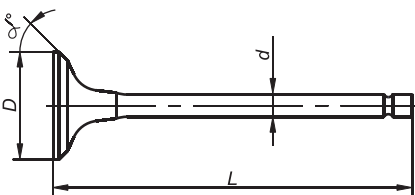
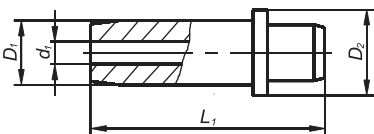
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Golf II GTD Turbo 1.6 Jetta GTD Turbo 1.6 Passat GTD Turbo 1.6 Santana GTD Turbo 1.6 Eng. CY/JR/JK/JP Turbo 1588ccm	85-86 85-86 85-86 85-86 51kw(70PS)	76,5 4	IN	V543A V543N V543N1 V543N3 V543N4 V543N5	068 109 601M 068 109 601N +0,3S +0,5S +0,8S +1,5S +1,0S	34x8x95,1 	45 3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F
Golf II 1.6 TD Jetta 1.6 TD Passat 1.6 TD Eng. RA/SB MF, ME 1V Turbo 1588ccm	89→ 89→ 88→ 51/59kw(70/80PS)	76,5 4	EX	V544A V544N V544N1 V544N3 V544N4 V544N5	068 109 611M 069 109 611 +0,3S +0,5S +0,8S +1,5S +1,0S	31,2x8x95 	45 3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F
LT 28D/31D/35D/40D 2.4D LT 45D/50D 2.4D Eng. CP/DW 2383ccm	78-81 78-93 55kw(75PS)	76,5 6	IN	V800	069 109 601	36x8x104,8	45 1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
			EX	V714 V714N1	068 109 611	31x8x104,6 +0,5S	45 1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
LT 28D/31D/35D/40D 2.4D LT 45D/50D 2.4D Eng. CP 2383ccm	81→ 81→ 55kw(75PS)	76,5 6	IN	V756 V756N1 V756N3	069 109 601C 069 109 601D +0,5S +1,0S	36x8x104,9 	45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Caravelle 1.7D Transporter T3 1.7D Eng. KY 1715ccm	87→ 87→ 42kw(57PS)	79,5 4	EX	V542 V542A V542N V542N1 V542N3 V542N4 V542N5	068 109 611C 068 109 611D +0,3S +0,5S +0,8S +1,5S +1,0S	31,2x8x104,6 31,2x8x104,6 	45 3 45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G

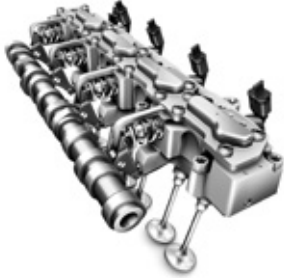
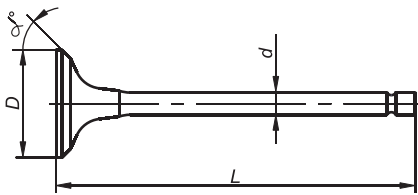
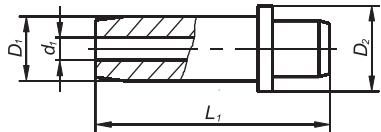
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
			4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Golf V PD 2.0 TDi 16V 04→ Jetta PD 2.0 TDi 16V 05→ Touran PD 2.0 TDi 16V 04→ Eng. BKD, AZV, BMN 1968ccm 100/125kw(136/170PS)	4	IN	V1491	03G 109 601A	29,4x6x88,5	45	3	VV272 VV272N VV272.1 VV215		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G
		EX	V1492	03G 109 611B	25,5x6x88,2	45	3	VV272 VV272N VV272.1 VV215		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G
LT 28D/31D/35D/40D 45D/50D/55 D Turbo 86→ Eng. 1G 2383ccm 68kw(92PS)	76,5 6	IN	V756A V756N1 V756N3	072 109 601	36x8x104,9 +0,5S +1,0S	45	3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F
LT 28D/31D/35D/40D 45D/50D/55D Turbo 82-86 Eng. DV 2383ccm 75kw(102PS)		EX	V542A V542N V542N1 V542N3 V542N4 V542N5	068 109 611D 072 109 611	31,2x8x104,6 +0,3S +0,5S +0,8S +1,5S +1,0S	45	3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLKSWAGEN DIESEL												
LT 28/31/35/45/50/55 2.4D LT 40 4x4/LT 45 4x4 2.4D Eng. DW/1S Up to Eng. 1Y 580 000 LT 28/31/35/40/45/50 2.4D Eng. ACT 2383ccm 51/55kw(69/75PS)	89→ 89→ 92-95	76,5 6	IN	V697 V697N1 V697N3	069 109 601F	36x8x95,1 +0,5S +0,8S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
LT 28/31/35/40 2.4TD Eng. ACL Turbo 2383ccm 70/75kw(90/102PS)	89→ 92-95	76,5 6	IN	V697A V697N1 V697N3	069 109 601H 069 109 601G	36x8x95,1 +0,5S +0,8S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Passat 2.5 TDI V6 24V Eng. AKN Passat 2.5 TDI V6 24V Eng. AFB 2496 ccm 110kw(150PS)	98→ 99→	78,3 6	IN	V879* * Retainer s.e. 2,5 mm	059 109 601B 059 109 601C	27,1x6x100,5	45	3	VV272 VV272N VV272.1 VV215		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G
			EX	V880* * Retainer s.e. 2,5 mm	059 109 611B 059 109 611C	24,1x6x100,5	45	3	VV272 VV272N VV272.1 VV215		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G

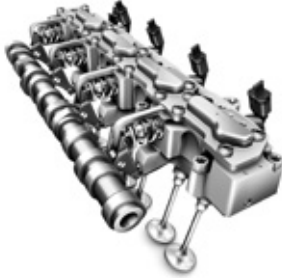
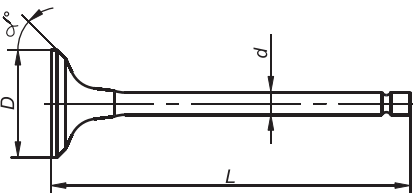
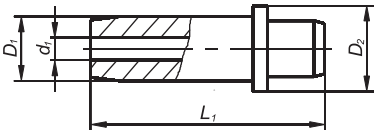
																		
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE							
1	2	3	4	5	6	7	8	9	10	11	12							
VOLKSWAGEN DIESEL																		
Passat 2.5 TDi 24V Eng. BAU, BDH, BDG 2496ccm 120/132kw(163/180PS)	03→	78,3 6	IN	V1277* * Retainer	059 109 601F s.e. 8,5 mm	27,1x6x100,6	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F						
									VV392 VV392.1		6x10,07x36 +0,05	B F						
		EX	V1278* * Retainer	059 109 611G/F s.e. 8,5 mm	24,1x6x100,6	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F							
									VV392 VV392.1		6x10,07x36 +0,05	B F						
Polo 1.2 TDI Eng. CFWA 1199ccm	09→	79,5 3	IN	V2029	03L 109 601A	26,6x6x99,3	45	3										
			EX	V2030	03L 109 611A	24,5x6x99,1	45	3										
Golf VI 1.6 TDI Jetta III 1.6 TDI Jetta IV 1.6 TDI Passat 1.6 TDI Polo 1.6 TDI Touran 1.6 TDI Eng. CAYC, CFWA Eng. CAYD, CAYE, CAYB 1598ccm	09→	79,5 4	IN	V2029	03L 109 601A	26,6x6x99,3	45	3										
	09→																	
	11→												EX	V2030	03L 109 611A	24,5x6x99,1	45	3
	10→																	
	09→																	
	10→																	

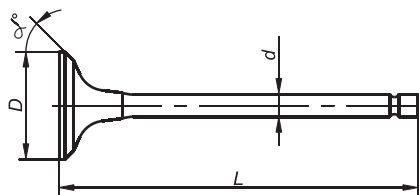
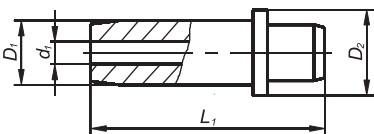
												
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLKSWAGEN DIESEL												
Passat 1.9D Polo 1.9D Golf, Vento CL/GL 1.9D Vento 1.9D Golf III Ecomatic, Variant 1.9D Caddy 1.9 D No→580 000 Eng. 1Y Polo 1.9D Eng. AEF 1896 ccm 47kw(64PS)	90→ 96→ 91→ 92→ 93→ 91→ 94→ 47kw(64PS)	79,5 4 EX EX	IN EX EX	V697 V697N1 V697N3 V698 V698N1 V698N3 V544 V544N V544N1 V544N3 V544N4 V544N5	069 109 601F 074 109 611 068 109 611L	36x8x95,1 +0,5S +0,8S 31,2x8x95,1 +0,5S +0,8S 31,2x8x95 +0,3S +0,5S +0,8S +1,5S +1,0S	45 45 45 45	3 3 3 3	VV76 VV76.1 VV76.2 VV76.3 VV76 VV76.1 VV76.2 VV76.3 VV76 VV76.1 VV76.2 VV76.3	056 103 419A 056 103 419A 056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25	B G B G B G
Golf III, Polo 1.9 SDi Vento, Caddy 1.9 SDi Eng. AEY, AEF, AGD 1896 ccm 47kw(64PS) Caddy 1.9D Golf III CL/GL 1.9D Vento CL/GL 1.9D Passat CL/GL 1.9D ENG. 1Y 1896 ccm 48kw(65PS)	95-97 95-97 98→ 91-99 92-97 89-93 48kw(65PS)	79,5 4 EX EX	IN EX EX	V697 V697N1 V697N3 V698 V698N1 V698N3 V544 V544N V544N1 V544N3 V544N4 V544N5	069 109 601F 074 109 611 068 109 611L	36x8x95,1 +0,5S +0,8S 31,2x8x95,1 +0,5S +0,8S 31,2x8x95 +0,3S +0,5S +0,8S +1,5S +1,0S	45 45 45 45	3 3 3 3	VV76 VV76.1 VV76.2 VV76.3 VV76 VV76.1 VV76.2 VV76.3 VV76 VV76.1 VV76.2 VV76.3	056 103 419A 056 103 419A 056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25	B G B G B G

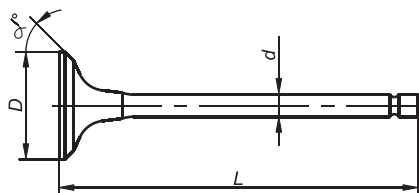
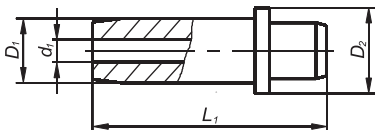
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLKSWAGEN DIESEL												
Transporter 1.9D	90→	79,5	IN	V697	069 109 601F	36x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Multivan 1.9D	90→	4		V697N1		+0,5S			VV76.1		+0,05	G
Caravelle 1.9D	90→			V697N3		+0,8S			VV76.2		+0,15	
ENG. 1X									VV76.3		+0,25	
1895 ccm	45kw(61PS)											
			EX	V698	074 109 611	31,2x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Caravelle 2.4D	90→98	79,5		V698N1		+0,5S			VV76.1		+0,05	G
Transporter Syncro T4 2.4D	91→	5		V698N3		+0,8S			VV76.2		+0,15	
Multivan 2.4D	95→								VV76.3		+0,25	
Eng. AAB, AJA												
2370 ccm	57kw(82PS)		EX	V544	068 109 611L	31,2x8x95	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
				V544N		+0,3S			VV76.1		+0,05	G
Camper T4 2.5 TD	95→	81		V544N1		+0,5S			VV76.2		+0,15	
Caravelle GL T4 2.5 TD	95→	5		V544N3		+0,8S			VV76.3		+0,25	
Kombi T4 2.5 TD	95→			V544N4		+1,5S						
Multivan T4 2.5 TD	95→			V544N5		+1,0S						
2459 ccm	75kw(102PS)											
Golf III, Vento CL/GL/GTD 1.9 TD	92→	79,5	IN	V697A	069 109 601H	36x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Passat CL/GL/GTD 1.9 TD	91→	4			069 109 601G				VV76.1		+0,05	G
Eng. AAZ Turbo				V697N1		+0,5S			VV76.2		+0,15	
1896 ccm	55kw(75PS)			V697N3		+0,8S			VV76.3		+0,25	
			EX	V698	074 109 611	31,2x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Camper T4 1.9 TD	95→			V698N1		+0,5S			VV76.1		+0,05	G
Caravelle GL T4 1.9 TD	95→			V698N3		+0,8S			VV76.2		+0,15	
Combi T4 1.9 TD	95→								VV76.3		+0,25	
Sharan 1.9 TD	94→											
Multivan T4 1.9 TD	95→											
Transporter T4 1.9 TD	92→		EX	V544	068 109 611L	31,2x8x95	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Eng. ABL Turbo Diesel				V544N		+0,3S			VV76.1		+0,05	G
1895ccm	50kw(68PS)			V544N1		+0,5S			VV76.2		+0,15	
				V544N3		+0,8S			VV76.3		+0,25	
				V544N4		+1,5S						
				V544N5		+1,0S						

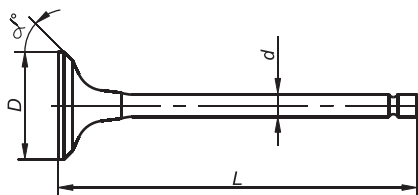
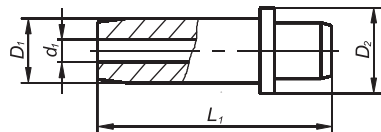
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Lupo 1.2 TDI Eng. ANY, AYZ 1191ccm	99→ 45kw(60PS)	76,5 4	IN	V919 V919N1 V919N3	038 109 601 B	36x7x90 +0,5S +1,0S	45 3	VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5 +0,05 +0,15	B G
Lupo, Polo 1.4 TDI Eng. AMF, BAY Turbo 1422 ccm	99→ 55kw(75PS)	79,5 3						VV289 VV289N		7x12,07x31,5 +0,05	B F
Bora 1.9 TDI New Beetle 1.9 TDI Sharan, Golf IV 1.9 TDI Eng. AUY, ATJ 1896 ccm	00→ 99→ 99→ 85kw(115PS)	79,5 4	EX	V920 V920N1 V920N3	038 109 611 B	31,5x7x90 +0,5S +1,0S	45 3	VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5 +0,05 +0,15	B G
Bora 1.9 TDi Golf IV 1.9 TDI Passat 1.9 TDi Sharan 1.9 TDi Eng. AJM/ANU 1896 ccm	98→ 99→ 98→ 99→ 85kw(115PS)		EX	V1832	038 109 611 F	31,5x7x89,5	45 3	VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5 +0,05 +0,15	B G
Passat 1.9 TDI Eng. AVB	00→							VV289 VV289N		7x12,07x31,5 +0,05	B F
Passat 1.9 TDI Eng. AVF, AWX 1896 ccm	00→ 74/96kw(100/130PS)										
Golf IV, Bora 1.9 TDi Beetle 1.9 TDi Polo 1.9 TDI Sharan 1.9 TDi Eng. ATD/ASZ, ARL Turbo 1896 ccm	00→ 00→ 01→ 02→ 74/96/110kw										
Multivan 1.9 TDi Transporter 1.9 TDi Eng. AXC, AXB 1896ccm	03→ 03→ 63/77kw(86/105PS)										
Multivan 2.5 TDi Transporter 2.5 TDi Eng. AXD, AXE 2460ccm	03→ 03→ 111kw(151PS)	81 5									

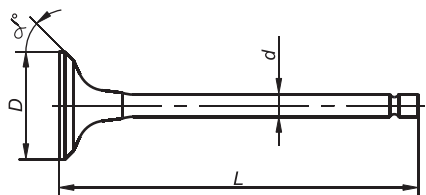
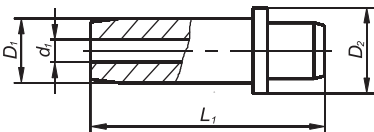
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS $d_1 \times D_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Taureg 2.5 TDi 03→ Eng. BAC 2461ccm 128kw(174PS)	81 5	IN	V919	038 109 601 B	36x7x90 +0,5S +1,0S	45	3	VV151	037 103 419 B	7x13/12,07x36,5 +0,05 +0,15	B G
			V919N1					VV151N			
			V919N3					VV151.1			
								VV289			
Phaeton 5.0 TDi 20V Taureg 5.0 TDi 20V Eng. AJH, AYH, BLE, BWF 4921ccm 230kw(313PS)	81 V10	EX	V920	038 109 611 B	31,5x7x90 +0,5S +1,0S	45	3	VV289N	037 103 419 B	7x12,07x31,5 +0,05 7x13/12,07x36,5 +0,05 +0,15	B F G
			V920N1					VV151			
			V920N3					VV151N			
								VV151.1			
		EX	V1832	038 109 611 F	31,5x7x89,5	45	3	VV289	037 103 419 B	7x12,07x31,5 +0,05 7x13/12,07x36,5 +0,05 +0,15	B F G
								VV151			
								VV151N			
								VV151.1			
		EX		038 109 611 F	31,5x7x89,5	45	3	VV289	037 103 419 B	7x12,07x31,5 +0,05 7x13/12,07x36,5 +0,05 +0,15	B F G
								VV151			
								VV151N			
								VV151.1			
Golf III, Variant 1.9 TDi 93-96 Vento 1.9 TDi 93-96 Golf III, Cabrio 1.9 TDi 95→ Passat 1.9 TDi 89-96 Caddy 1.9 TDi 95→ Sharan 1.9 TDi 95-96 Eng. 1Z 1896 ccm 66kw(90PS)	79,5 4	IN	V821	028 109 601 H	36x8x96,8 +0,5S	45	3	VV76	056 103 419 A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
			V821N1					VV76.1			
								VV76.2			
								VV76.3			
Transporter T4 2.5 TDi 95→ Caravelle 2.5 TDi 96→ Eng. AJT/ACV/AHY Turbo 2461ccm 65/75/111kw(88/102/151PS)	81 5	EX	V822	046 109 611 F 046 109 611 C	31,5x8x96,9 +0,5S	45	3	VV76	056 103 419 A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
			V822N1					VV76.1			
								VV76.2			
								VV76.3			
LT 28, 35, 46 2.5TDi 01→ Eng. BBE, BBF 2461ccm 61/70kw(83/95PS)											

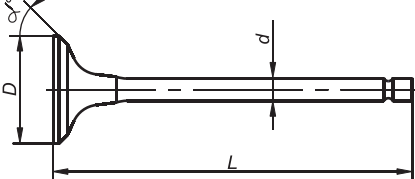
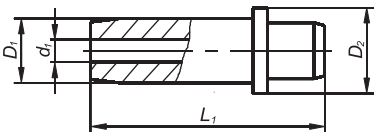
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Caddy 1.9 SDI 95→	79,5	IN	V831	028 109 601J	36x7x96,5	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B
Golf III, Variant, Vento 1.9 SDI 95→	4		V831N1		+0,5S			VV151N		+0,05	G
Polo 1.9 SDI 97→								VV151.1		+0,15	
Caddy 1.9 SDI 00→											
Eng. AYQ, AEY 0020001→		EX	V832	028 109 611K	31,5x7x96,3	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B
Eng. 1Y, ASY, AEF, AGD, ASX			V832N1		+0,5S			VV151N		+0,05	G
1896 ccm 47kw(64PS)								VV151.1		+0,15	
Caddy 1.7 SDI 96→											
Lupo 1.7SDI 98→											
Polo 1.7 SDI 97→											
Eng. AKW/AHB/AKU/AHG											
1716 ccm 42/44kw(57/60PS)											
Bora 1.9 SDI 98→											
Golf IV 1.9 SDI 98→											
Polo 1.9 SDi 98→											
Eng. AQM/AGP											
1896 ccm 50/81kw(68/110PS)											
Golf III Variant 1.9 TDI 96→	79,5	IN	V811	028 109 601D	36x7x96,9	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B
Vento 1.9 TDI 96→	4		V811N1		+0,5S			VV151N		+0,05	G
Eng. AAZ Turbo								VV151.1		+0,15	
1896 ccm 55kw(75PS)		EX	V812	028 109 611G	31,4x7x96,9	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B
Bora 1.9TDI 98-05			V812N1		+0,5S			VV151N		+0,05	G
Golf IV Variant 1.9 TDI Diesel 97→								VV151.1		+0,15	
Polo 1.9TDI 99→											
Eng. AGR/AHU Turbo											
1896 ccm 66/81kw(90/110PS)											

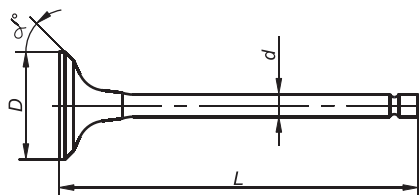
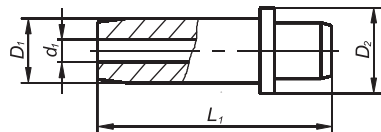
													
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE		
1	2	3	4	5	6	7	8	9	10	11	12		
VOLKSWAGEN DIESEL													
Caddy 1.9TDI	96-00	79,5	IN	V811	028 109 601D	36x7x96,9	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B	
Sharan, Golf 1.9 TDI Diesel	96→	4		V811N1		+0,5S			VV151N		+0,05	G	
Beetle 1.9TDI	98→								VV151.1		+0,15		
Passat 1.9 TDI	96→												
Vento 1.9 TDI	96→		EX	V812	028 109 611G	31,4x7x96,9	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B	
Eng. AHU Turbo				V812N1		+0,5S			VV151N		+0,05	G	
Polo Classic/Variant 1.9 TDI	97→								VV151.1		+0,15		
Eng. AHU/ALE													
Caddy 1.9 TDI	97-00												
Golf IV 1.9 TDI	97→												
Eng. ALE Turbo													
New Beetle 1.9 TDI	98→												
Bora 1.9 TDI	98→												
Polo 1.9 TDI	99→												
Golf IV 1.9 TDI	97→												
Jetta 1.9 TDI	00→												
Eng. ALH Turbo													
1896 ccm	66kw(90PS)												
Polo 1.9 TDI	98→												
Golf IV 1.9 TDI	96-98												
Vento 1.9 TDI	97→												
Golf Cabriolet 1.9 TDI	97→												
Passat 1.9 TDI	96→												
Sharan 1.9 TDI	96→												
Eng. AFN AVG Turbo													
Bora 1.9 TDI	98→												
Golf 1.9 TDI	97→												
Eng. AHF Turbo													
1896 ccm	81kw(110PS)												
Lupo 1.4TDI	99-05	79,5	IN	V1663	038 109 601E	36x7x89,5	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B	
Polo 1.4TDI	99-05	3		V1663N1		+0,5S			VV151N		+0,05	G	
Eng. AMF, BNM, BNV									VV151.1		+0,15		
1422ccm	51/55kw(69/75PS)												
			EX	V1664	038 109 611E	31,5x7x89	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B	
				V1664N1		+0,5S			VV151N		+0,05	G	
									VV151.1		+0,15		

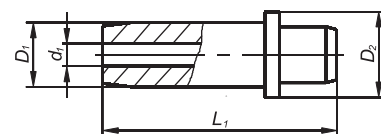
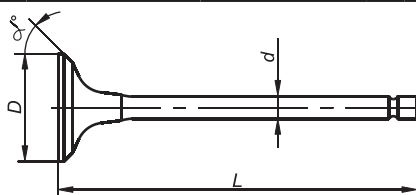
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Cady 1.9TDI 04→ Bora 1.9TDI 04-08 Golf IV 1.9TDI 01-06 Golf V 1.9TDI 04→ Jetta 1.9TDI 05→ Multivan T5 1.9TDI 06-07 New Beetle 1.9TDI 03→ Passat 1.9TDI 05-08 Polo 1.9TDI 01-08 Touran 1.9TDI 03→ Transporter T5 1.9TDI 06-08 Vento 1.9TDI 05→ Eng. AXR, BLS, BJB, BKC, BKS, BRU, BSU, BRR, BRS, BXE, BXF 1896ccm 55-77kw(75-105PS)	79,5 4	IN <									

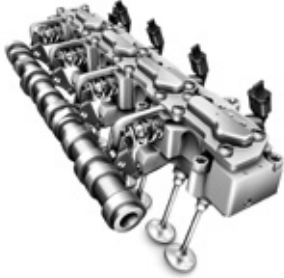
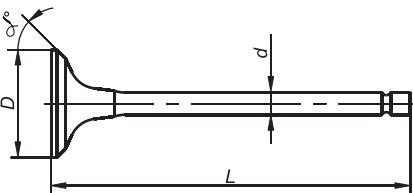
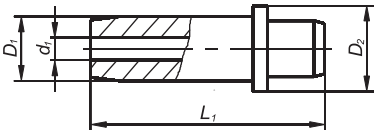
	CYL. Ø Nº	IN EX											
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE		
1	2	3	4	5	6	7	8	9	10	11	12		
VOLKSWAGEN DIESEL													
Golf III/Variant, Vento 1.9D Eng. 1Y	96→	79,5 4	IN	V805	028 109 601B 028 109 601C	36x7x95,5	45	3	VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5 +0,05 +0,15	B G	
Vento , Caddy, Polo 1.9D	98→			V805N1	+0,5S								
Golf III, Passat1.9D	98→			V806	028 109 611E	31,1x7x95,6	45	3	VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5 +0,05 +0,15	B G	
Caddy Pick-up 1.9D	96→			V806N1	+0,5S								
Polo 1.9D Eng. AEF 1896 ccm	96→												
Golf III 1.9 TDI Variant Vento 1.9 TDI Eng. AAZ/ABL 1896 ccm	95→												
Golf 2.0TDi PD 16V Touran 2.0TDi PD 16V Jetta 2.0TDi PD 16V Passat 2.0TDi PD 16V Eng. AZV, BKD, BMN, BMR, BKP, BVE 1968 ccm	04→ 04→ 05→ 05→	81 4	IN	V1607	03G 109 601B	29,2x6x87,8	45	3	VV272 VV272N VV272.1 VV215		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G	
				V1608	03G 109 611D	25,4x6x87,5	45	3	VV272 VV272N VV272.1 VV216		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G	
New Beetle 2.0D Eng. BEW 1996 ccm	05→	81 4	IN	V1691	038 109 601F	36x7x88,8	40	3	VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5 +0,05 +0,15	B G	
			EX	V1692	038 109 611G	31,5x7x88,4	40	3	VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5 +0,05 +0,15	B G	

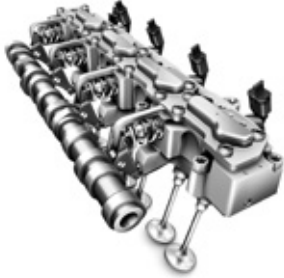
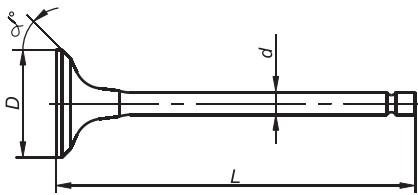
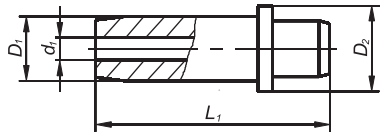
	CYL. Ø Nº	IN EX												
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1	2	3	4	5	6	7	8	9	10	11	12			
VOLKSWAGEN DIESEL														
LT 28D/31D/35D 2.7D Eng. Perkins 4.165 2710 ccm 48kw(65PS)	75→	92 4	IN	V877	061 109 601	40,5x8x114,6	45	1						
			EX	V878	061 109 611	35,5x8x114,5	60	1						
Taro Pick up 4x4 2.4D Eng. 2L Toyota 2446ccm 58kw(79PS)	89→	92 4	IN	V1387	J13711-54020	42,5x8x103,5	45	1	VV320 VV320N		8x13,05x42 +0,05	G P		
			EX	V1484	J13715-54040	36x8x103,3	45	1						
			IN	V1583	13711-54010	42,6x8,5x123	45	3			VV320 VV320N	8x13,05x42 +0,05	G P	
			EX	V1584	13715-54020	35x8,5x122,8	45	3						
LT 28, LT 35, LT 46 2.8TDi 8V Eng. AGK, ATA 2798ccm 92/96kw(125/130PS)	97-02	93 4	IN	V1193	062 109 601	33x7x105	60	3	VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5 +0,05 +0,15	B G		
			EX	V1194	062 109 611A	40x7x105	45	3						
LT 28-35 2.5TDi/SDi LT 28-46 2.5TDi/SDi Eng. AHD, AGH 2461ccm 55/75kw(75/102PS)	96→ 96→	5	IN	V1229	00A 109 601A	35x7x101,5	45	1	VV268 VV268N VV268.1	611 053 0329	7x12,56x37,5 +0,05 0,20	G F		
			EX	V1230	00A 109 611	31x7x103,5	45	1					611 053 0429	
	99→													
	LT 28-46 2.5TDi Eng. APA, ANJ, AVR, BBF, BBF 2461ccm 61/66/70/80kw													
VOLVO														
66 L/DL 1.1 Eng. B10E 1108ccm 33kw(45PS)	75-81	70 4	IN	V581	3104401-9	33,4x7x89,8	45	1	VV122 VV122.1 VV122.2 VV122.3	3102891-3	7x11,14x41,5 +0,05 +0,10 +0,20	G A		
66 DL/GL – Sedan/Kombi 1.3 Eng. B13E 1289ccm 42kw(57PS)	75-81	73 4	EX	V582	3267437-6	28,9x7x88,8	45	2	VV122 VV122.1 VV122.2 VV122.3	3102891-3	7x11,14x41,5 +0,05 +0,10 +0,20	G A		
340 L/DL/GL 1.4 Eng. B14E 1397ccm 46/51kw(62/69PS)	79-85	76 4								3102890-5	+0,20			

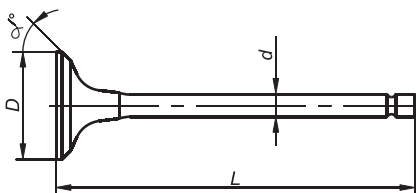
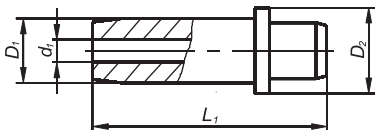
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1	2	3	4	5	6	7	8	9	10	11	12	
VOLVO												
343 DL/L 1.4 345 DL/L 1.4 Eng. B14 1397 ccm 47kw(64PS)	82-85 82-85	76 4	IN	V858	3277693-2	34x7x91,2	60	1	VV122 VV122.1 VV122.2 VV122.3	3102891-3 3102890-5	7x11,14x41,5 +0,05 +0,10 +0,20	G A
			EX	V582	3267437-6 3277695-7	28,9x7x88,8	45	2	VV122 VV122.1 VV122.2 VV122.3	3102891-3 3102890-5	7x11,14x41,5 +0,05 +0,10 +0,20	G A
C30 1.6 16V S40 1.6 16V V50 1.6 16V Eng. B4164S3 1596ccm 74/80kw(101/109PS)	06→ 04→ 04→	79 4	IN	V1025	30711639	30x6x99	45	3	VV383 VV383N	11122 - 10040	6x11,05x40,5 +0,05	G P
			EX	V1026	30711638	24,1x6x101,5	45	3	VV383 VV383N	11122 - 10040	6x11,05x40,5 +0,05	G P
S40 1.6i 16V Eng. B 4164 S 1587ccm 77kw(105PS)	97-99	81 4	IN	V1025	30711639	30x6x99	45	3	VV383 VV383N	11122 - 10040	6x11,05x40,5 +0,05	G P
			EX	V1026	30711638	24,1x6x101,5	45	3	VV383 VV383N	11122 - 10040	6x11,05x40,5 +0,05	G P
S40 1.6i 16V V40 1.6i 16V Eng. B 4164 S2 1587ccm 80kw(109PS)	00-03											
C30 1.6i 16V S40 1.6i 16V V40 1.6i 16V V50 1.6i 16V Eng. B 4164 S3 1587ccm 74kw(100PS)	06→ 04→ 04→ 04→											
S60 1.6 T4 16V S80 1.6 T4 16V V40 1.6 T4 16V V60 1.6 T4 16V V70 1.6 T4 16V Eng. B4164T/T1/T2/T3/T4 1595ccm	10→ 11→ 12→	4	IN	V2273	31370617	30x5x98,8	45	3				
			EX	V2274	31330401 31375559	24,9x5x99,7	60	3				

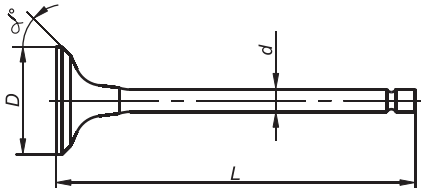
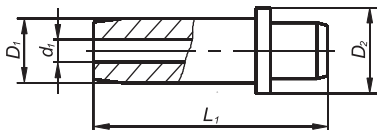
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLVO												
340 1.7 360 GL 1.7 Eng. B172K, F3N 1709/1721ccm 59/75kw(80/102PS)	85→ 85→	81 4	IN EX	V765 V766	3342278-3 3343738-5 3342399-7	38,2x8x111,5 32,5x8x111,3	60 45	1 1	VV284 VV284N VV284 VV284N	3343624 3343624	8x13,07x37,7 +0,05 8x13,07x37,7 +0,05	B F B F
440 GL/GLE/G LT 1.7 480 ES 1.7 440 GL 1.7 460 GLE 1.7 Eng. B18 E/F 1721 ccm 70/75kw(95/102PS)	88→ 86→ 90→ 90→											
S40, V40 1.6i 16V Eng. B4164 S/S2 1587ccm	95-04	81 4	IN IN	V763 V2151	1397641-0 1270455	31x7x104,1 32x7x104,3	45 45	3 3	VV324 VV324N VV324 VV324N	1270391 1270391	7x11,99x45 +0,05 7x11,99x45 +0,05	G F G F
850 2.0i 20V V70 2.0i 20V Eng. B5204 F/S 1984ccm 103kw(140PS)	91-96 97→	81 5	EX	V764	1366882-7 1366490	27x7x103,3	45	3	VV324 VV324N	1270391	7x11,99x45 +0,05	G F
850 2.0i 20V Turbo C60 2.0i 20V Turbo C70, S70, V70 2.0i 20V Turbo S80 2.0i 20V Turbo Eng. B5204 T2/T3/T4/T5 1984ccm 107kw(143PS)	93-96 01→ 97→ 98→											
C70, S70, V70 2.3i 20V Turbo S60 2.3i 20V Turbo Eng. B5234 T/T3/T4/T6/T8 2319ccm 166/177kw(225/240PS)	97→ 00→											
960 2.5i 24V S90, V90 2.5i 24V Eng. B6254 S 2473ccm 125kw(170PS)	94→ 97→	81 V6										
S40, V40 1.8i 16V Eng. B4184 S/S2 1783ccm	95→	83 4										

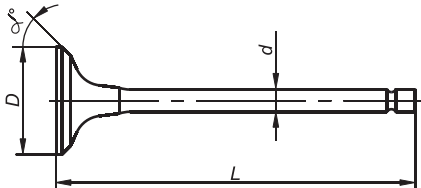
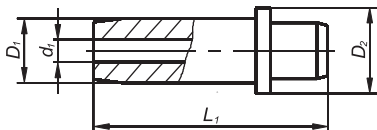
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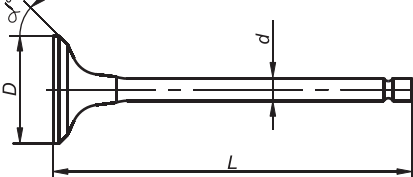
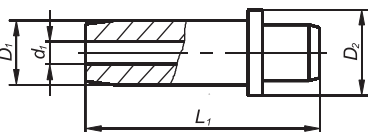
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO											
S80 2.8i 24V Turbo Eng. B6284 T6 2783ccm 200kw(272PS)	98→	83 6	IN	V1257	9454607	31x6x104,3	45 3	VV467		6x12,00x45	G F
			IN	V1633	9454608	32x6x104,3	45 3	VV467		6x12,00x45	G F
			EX	V1258	9454610	27x6x103,3	45 3	VV467		6x12,00x45	G F
S80 2.9i 24V Turbo 02-05 XC90 2.9i 24V Turbo 03-05 Eng. B6294 T6 2922ccm 150kw(204PS)											
440, 460 1.8i Eng. B18U 1794ccm 66kw(90PS)	91→	82,7 4	IN	V1155	3344841-6	40,1x8x107,1	45 1	VV284 VV284N	3343624	8x13,07x37,7 +0,05	B F
			EX	V1156	3344842-4	32,6x8x106,9	45 1	VV284 VV284N	3343624	8x13,07x37,7 +0,05	B F
440, 460, 480 2.0i Eng. B20FE SOHC 1998 ccm 81kw(110PS)	93→										
C30 1.8i 16V 04→ S40 1.8i 16V 04→ V50 1.8i 16V Eng. B4184S11 Ford 1798ccm 92kw(125PS)	04→	83 4	IN	V1363	8694781	32,5x5,5x103,4	45 1	VV396	LFY1-10-281	5,5x11,06x39	G A
			EX	V1364	8694780	28x5,5x104,6	45 1	VV396	LFY1-10-281	5,5x11,06x39	G A
C30 2.0 16V 06→ S40 2.0 16V 04→ V50 2.0 16V Eng. B4204S 1999ccm 92/100/103/107kw	06→	4	IN	V1495	30777329	35x5,5x103,4	45 1	VV396	LFY1-10-281	5,5x11,06x39	G A
			EX	V1496	30777328	30x5,5x104,6	45 1	VV396	LFY1-10-281	5,5x11,06x39	G A
S60 2.0T 16V 11→ S80 2.0T 16V 12→ V60 2.0T 16V V70 2.0T 16V XC60 2.0T 16V Eng. B4204T6/T7 1948ccm	11→ 12→	4	IN	V2361	31316318	30x8x103,8	45 8				
			IN	V1363	31316317	32,5x5,5x103,4	45 1				
			EX	V1364	9487443	28x5,5x104,6	45 1				
240 2.7i 79-83 260 2.7i 74-80 Eng. B27 E 2664ccm 103/109kw(140/148PS)	79-83 74-80	88 6	IN	V1943	2453900 245390 245390-0	43,9x8x112	60 1				
			EX	V1920	2458024 245802 245802-4	37x8x111,3	45 1				

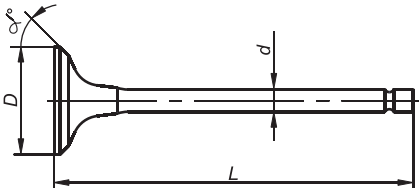
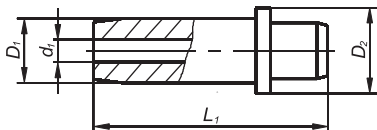
											
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO											
260 2.8i Eng. B28 A/F 2849ccm Eng. B28 E 2849ccm	79→86 97kw(132PS) 100/114kw(136/155PS)	91	IN	V1943	2453900	43,9x8x112	60	1			
		6			245390 245390-0						
			EX	V1920	2458024 245802 245802-4	37x8x111,3	45	1			
740 GLT 2.0 16V 940 2.0 16V 960 2.0 16V Eng. B204E 1986 ccm 760, 780 GLE Turbo 2.0 16V 940 GLE Turbo 2.0 16V 960 GLE Turbo 2.0 16V Eng. B204FT/GT DOHC 1986/1991ccm 140/147kw(190/200PS)	88→ 90→ 90→ 89→ 91→ 91→	89	IN	V1119	1378473-1	32,5x7x122,5	45	3			
		4									
			EX	V1120	1378474-9 3514491-4	29,5x7x122,3	45	3			
240 2.3 740, 760 2.3 Eng. B230K 2316ccm	85→ 85→ 85kw(116PS)	96	IN	V1349	1336290-0	44x8x119,6	45	3			
		4									
			EX	V1350	1336291-8	35x8x119,9	45	3			
740 GLT 2.3 16V 940 GLE 2.3 16V Eng. B234F 2316ccm	88→ 90→ 114/117kw(155/159PS)	96	IN	V1227	1317793-6	34,5x7x122,5	45	3			
		4									
			EX	V1228	1317792-8	31,5x7x122,3	45	3			
VOLVO DIESEL											
V50 1.6 TDi 16V S40 1.6 TDi 16V Eng. DV6 TED4, D4164T 1560ccm	04→ 04→ 80kw(109PS)	75	IN	V1493	30711498	25,6x5,5x96,4	45	3	VV399 VV399N	5,5x9,56x34 +0,05	G A
		4									
			EX	V1494	30711497	23,4x5,5x96,6	45	3	VV399 VV399N	5,5x9,56x34 +0,05	G A

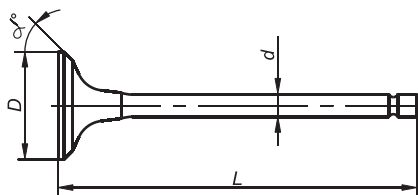
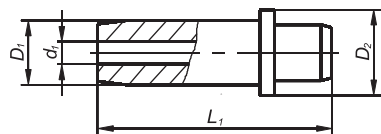
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			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO DIESEL											
S60 1.6 Drive V60 1.6 Drive C30 1.6 D2 S40 1.6 D2 V40 1.6 D2 V50 1.6 D2 V70 1.6 D2 S80 1.6 D2 Eng. D4162 1560ccm 84kw(114PS)	11→ 10→	75 4 EX	IN V2049 V2050	31330181 31330182	30,15x5,5x95,6 27,5x5,5x95,5	45 45	3 3	VV399 VV399N VV399 VV399N	 <		

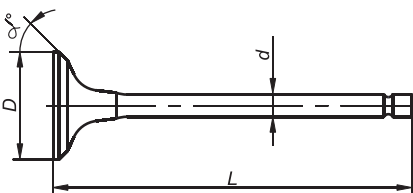
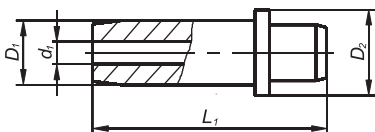
												
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1	2	3	4	5	6	7	8	9	10	11	12	
VOLVO DIESEL												
240 GL 2.4D	81→	76,5	IN	V756	1328088-8	36x8x104,9	45	3	VV76	1257613	8x13/12,06x36,5	B
244 GL 2.4D	81-85	6			069 109 601C				VV76.1		+0,05	G
245 GL 2.4D	81-85			V756N1		+0,5S			VV76.2		+0,15	
720 GL 2.4D	81→			V756N3		+1,0S			VV76.3		+0,25	
740 GL 2.4D	85→											
760 GL 2.4D	85→		EX	V542	1328089-6	31,2x8x104,6	45	3	VV76	1257613	8x13/12,06x36,5	B
940 GL 2.4D	85→				068 109 611C				VV76.1		+0,05	G
Eng. D24				V542N		+0,3S			VV76.2		+0,15	
2383 ccm	61kw(82PS)			V542N1		+0,5S			VV76.3		+0,25	
				V542N3		+0,8S						
740 GLE 2.4TD	82→			V542N4		+1,5S						
760 GLE 2.4TD	82→			V542N5		+1,0S						
780 GLE 2.4TD	85→											
940 GLE 2.4TD	90→											
960 GLE 2.4TD	90→											
Eng. D 24 T Turbo												
2303 ccm	81/85kw(110/116PS)											
740 GLE 2.4 TD	85→	76,5	IN	V756A	1389261-7	36x8x104,9	45	3	VV76	1257613	8x13/12,06x36,5	B
760 GLE 2.4 TD	85→	6			1328147-2				VV76.1		+0,05	G
780 2.4 TD	85→			V756N1		+0,5S			VV76.2		+0,15	
940 GLE 2.4 TD	90→			V756N3		+1,0S			VV76.3		+0,25	
960 GLE 2.4 TD	90→											
980 GLE 2.4 TD	90→		EX	V542A	1389262-5	31,2x8x104,6	45	3	VV76	1257613	8x13/12,06x36,5	B
Eng. D 24 TIC Turbo Intercooler					132 8148-0				VV76.1		+0,05	G
2383 ccm	60/90kw(82/122PS)				068 109 611D				VV76.2		+0,15	
				V542N		+0,3S			VV76.3		+0,25	
				V542N1		+0,5S						
				V542N3		+0,8S						
				V542N4		+1,5S						
				V542N5		+1,0S						

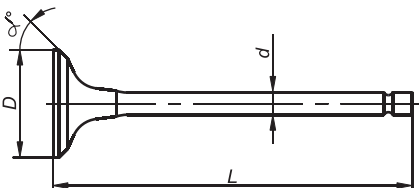
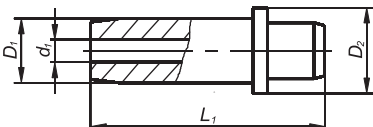
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			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLVO DIESEL												
740/740 GLE 2.4 TD 760/760 GLE 2.4 TD 780 2.4 TD 940/960 2.4 TD Eng. D24T Turbo 2383ccm 80/95kw(109/129PS)	85→ 85→ 85→ 90→	76,5 4	IN	V697A V697N1 V697N3 V544A	069 109 601H 069 109 601G 068 109 611M 069 109 611	36x8x95,1 +0,5S +0,8S 31,2x8x95	45	3	VV76 VV76.1 VV76.2 VV76.3 VV76 VV76.1 VV76.2 VV76.3	1257613 1257613	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25	B G B G
340, 360, 1.6 D Eng. D16 1596 ccm 40kw(54PS)	84→	78 4	IN	V855 V855N3	3287966-0	36,1x8x111,7 +1,0S	60	1	VV146 VV146.1 VV146.2		8x13,06x39 +0,05 +0,20	B F
440 1.9 TD 460 1.9 TD Eng. F8Q 740/784, D19T →No 930900 1870ccm 66/70kw(90/95PS)	93→ 94→	80 4	EX	V856 V856N3	3287967-8	31,6x8x111,3 +1,0S	45	1	VV146 VV146.1 VV146.2		8x13,06x39 +0,05 +0,20	B F
V40 1.9 TDi S40 1.9 TDi Eng. D4192T Turbo 1870ccm 66kw(90PS)	95-99 95-99											
440L 1.9 TD 460L 1.9 TD Eng. F8Q.610/768, D19T No 930901→ 1870ccm 66/70kw(90/95PS)	94→ 94→	80 4	IN	V837	7701 468 035	35,2x8x111,6	45	1	VV146 VV146.1 VV146.2		8x13,06x39 +0,05 +0,20	B F
			EX	V856 V856N3	7701 469 373	31,6x8x111,3 +1,0S	45	1	VV146 VV146.1 VV146.2		8x13,06x39 +0,05 +0,20	B F
S40 1.9TDI/TCI V40 1.9TDI/TCI Eng. D4192 T2/T3/T4 1870ccm 75kw(102PS)	99→ 99→	80 4	IN	V951	30889401 7701 471 702 7700 110 387	35,4x7x111	45	1	VV182 VV182.1	7700 859 086	7x12,06x38,3 +0,05	B F
			EX	V952	30889403 7701 471 703 7700 110 389	32,6x7x110,8	45	1	VV182 VV182.1	7700 859 086	7x12,06x38,3 +0,05	B F

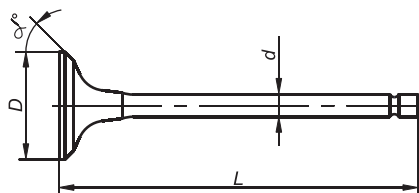
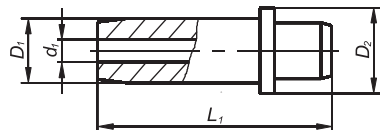
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLVO DIESEL												
460 1.9TDi Eng. F8Q.610/768 S40 1.9TDi V40 1.9TDi Eng. D4192 T2 1870ccm 66/68kw(90/92PS)	95→ 95-99 95-99	80 4 EX	IN V1057 V1058	3345515 30852144 3345516	35x8x110,5 31,5x8x110,5	45 45	1 1	VV146 VV146.1 VV146.2 VV146 VV146.1 VV146.2	 8x13,06x39 +0,05 +0,20 8x13,06x39 +0,05 +0,20	B F B F		
S60 2.4 D/D5 20V S80 2.4 D/D5 20V C30 2.4 D5 20V C70 2.4 D5 20V V50 2.4 D5 20V V70 SW/AW 2.4 D5 20V XC70 AWD 2.4 D5 20V XC90 AWD 2.4 D5 20V Eng. D5244 T/T2/T4/T5/T8 Turbo 2401 ccm 93/96/120/132/136kw	00→ 98→ 06→ 06→ 00→ 00→ 02→	81 5 EX	IN V1617 V1618	8631650 8631651	28,8x6x98,1 26,2x6x97,8	45 45	3 3	 	 	 		
850 2.5 TDI 10V S70 2.5 TDI 10V S80 2.5 TDI 10V V70 2.5 TDI 10V Eng. D5252T Turbo 2461 ccm 103kw(140PS)	96→ 97→ 99→ 97→	81 5 EX	IN V821 V821N1 V822 V822N1	046 109 601 H 1669766 +0,5S 046 109 611 F 1669772 +0,5S	36x8x96,8 +0,5S 31,5x8x96,9 +0,5S	45 45	3 3	VV76 VV76.1 VV76.2 VV76.3 VV76 VV76.1 VV76.2 VV76.3	056 103 419A 056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25	B G B G	
C70 2.0TD S40 2.0TD V50 2.0TD V70 2.0 Combi Eng. D4204T 1997ccm 94/103kw(128/140PS)	08→ 04→ 04→ 07→	85 4 EX	IN V1179 V1180	8653745 8653744	29,8x6x105 25x6x105	45 45	3 3	VV378 VV378.1 VV378 VV378.1	0220.A2 0220.A2	6x10,06x41,5 +0,05 6x10,06x41,5 +0,05	G A G A	
VOLVO INDUSTRIAL AND COMMERCIAL												
FL 4 FL 408 ENG. TD 41 G 3590 ccm 82-91kw(111-124PS)	86-89	92 6 EX	IN V2167 V2168	838637 838638	39x8x126,4 37x8x126,4	60 45	1 1	 	 	 		

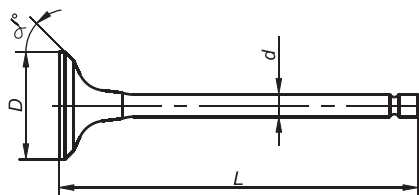
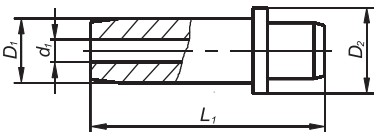
	CYL. Ø Nº	IN EX										
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VOLVO INDUSTRIAL AND COMMERCIAL												
B 54 – N/F 84 F 85 ENG. D 50 A/B B 54 – N/F 84 F 85 ENG. TD 50 A/B – Turbo 5100 ccm 79/86/108/121kw NEW	65→76	6	IN EX	V2391 V2392	420016–8 420017–6 420192–7	39,5x9,4x142,8 35x9,4x142,8	60 45	10 10				
ENG. D60 BIF 609 F611 5480 ccm 85/88kw(115/120PS) ENG. TD 60 Turbo F613 5480 ccm 125/132kw(170/180PS) ENG. TD 61 Turbo FL614 5480 ccm 148kw(200PS) ENG. TD 61 F/G Turbo FL 608/613/614/617 5480 ccm 112/152kw(152/207PS)	75→98,42	6	IN EX IN EX	V767 V768 V1259 V1260	420553–0 3825723 465549–4 8192143 465281 465282	41x8x145,3 37x8x145,3 41x8x145,3 37x8x145,3	60 45 60 45	11 11 1 1	VV124 VV124 VV124 VV124	465157–6 465157–6 465157–6 465157–6	8x16,02x64,5 8x16,02x64,5 8x16,02x64,5 8x16,02x64,5	G F G F G F
ENG. D6A/TD63E/ES Turbo FL 610/611/613/614 6370 ccm 106/111kw(144/150PS) ENG. D6B 180/220/250 FL 180–FL6E/H 5480 ccm	91→00→	6	IN EX IN EX	V767 V768 V1259 V1260	420553–0 3825723 465549–4 8192143 465281 465282	41x8x145,3 37x8x145,3 41x8x145,3 37x8x145,3	60 45 60 45	11 11 1 1	VV124 VV124 VV124 VV124	465157–6 465157–6 465157–6 465157–6	8x16,02x64,5 8x16,02x64,5 8x16,02x64,5 8x16,02x64,5	G F G F G F

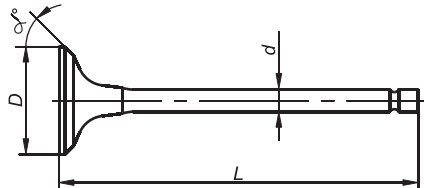
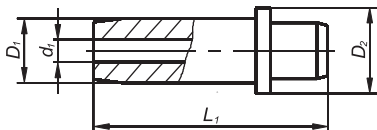
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO INDUSTRIAL AND COMMERCIAL											
F82/F83 Eng. D39 3864 ccm F406/F407 Eng. 4.236 3864 ccm	75-86 59kw(80PS)	98,48 4	IN	V199 V199N V199N1 V199N2 V199N3 V199N5 V199N6 V199N7 V199N9	44,3x9,5x122,9 +0,3S +0,5S +0,8S +1,2S +0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d	45	1	VV01 VV01N VV01N2	9,5x15,9x58 +0,05 +0,40	G F	
			IN	V343 V343.1 V343.2 V343N V343N1 V343N2 V343N3 V343N5 V343N6 V343N7 V343N9	44,3x9,5x122,9 +0,075d +0,4d +0,3S +0,5S +0,8S +1,2S +0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d	45	1	VV01 VV01N VV01N2	9,5x15,9x58 +0,05 +0,40	G F	
			EX	V200 V200N V200N1 V200N2 V200N3 V200N5 V200N6 V200N7 V200N9	36,6x9,5x123,3 +0,3S +0,5S +0,8S +1,2S +0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d	45	1	VV02 VV02N VV02N2	9,5x15,9x61 +0,05 +0,40	G F6	
			EX	V344 V344.1 V344.2 V344N V344N1 V344N2 V344N3 V344N5 V344N6 V344N7 V344N9	36,6x9,5x123,3 +0,075d +0,4d +0,3S +0,5S +0,8S +1,2S +0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d	45	1	VV02 VV02N VV02N2	9,5x15,9x61 +0,05 +0,40	G F6	

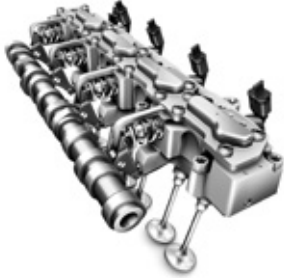
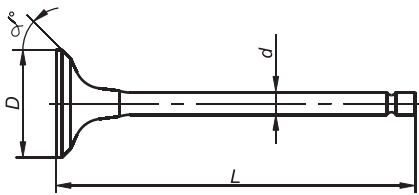
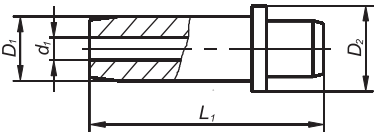
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLVO INDUSTRIAL AND COMMERCIAL												
ENG. TD 70E/F/G/H ENG. TD 70 Turbo B57 F7/86 TF 86/86T TN 7 86 DTC 6730 ccm 155/175kw(210/236PS)	76→	104,8 6	IN EX	V1087 V1087N3 V1088 V1088N3	466379-5 421680 471195-8	43x11x148,5 +1,0S 37x11x148,6 +1,0S	60 45	1 1	VV229 VV229N VV229 VV229N	466386-0 466386-0	11x18x66 +0,05 11x18x66 +0,05	G F G F
ENG TD FS Turbo F7 ENG TD 71 F/FD/FQ/FS ENG TD 71 Turbo FL 7 6730 ccm 165/180kw(180/245PS)	79-85 85→											
ENG D7A, D7B Turbo FL 7 - 38.52 6700 ccm 169/191/210kw	93→											
FL7/230-260 Eng. TD73 E/ES 6725ccm	85-98	104,8 6	IN EX	V2153 V2154	477447 477443	43x8x149,6 39x8x149,5	60 45	2 2	VV124 VV124	465157-6 465157-6	8x16,02x64,5 8x16,02x64,5	G F G F
FL7/230-260 Eng. TD73 E/EA/EB/ES Euro 1 6725ccm 160/191kw(218/260PS)	85-98	104,8 6	IN EX	V1827 V1828	3978768 3978766	43x8x149,6 39x8x149,6	60 45	1 1	VV124 VV124	465157-6 465157-6	8x16,02x64,5 8x16,02x64,5	G F G F
Eng. D7 Euro 2 A230/A260/A285/B230/B260 6730ccm 169/210kw(230/285PS)	93→											
Eng. D7 Euro 2 C215/C250/C290/C310 7280ccm 158/228kw(215/310PS)	98→											

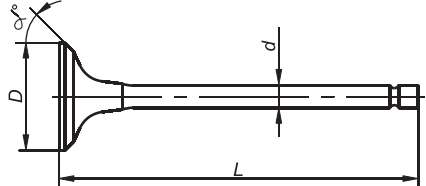
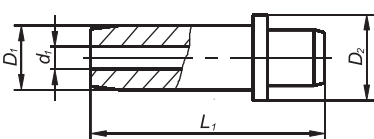
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			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
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VOLVO INDUSTRIAL AND COMMERCIAL												
Bus 5000 Bus 7000 Eng. D7 C 215/250/290 Euro 2 Bus 8700 Eng. D7 C 310 Euro 2 B 7L Eng. D7 C 215/250/290/310 Euro 2 FM 7 250/290/310 Eng. D7 C 250/290/310 Euro 2 7280ccm 158-228kw(215-310PS)	99→ 98→ 04→ 99→	107 6	IN EX	V1827 V1828	3978768 3978766	43x8x149,6 39x8x149,6	60 45	1 1	VV124 VV124	477877 477877	8x16,02x64,5 8x16,02x64,5	G F G F
FE280-FE320 Eng. D7E320 7100ccm	06→	108 6	IN EX	V2155 V2156	20833932 20980413 20833936 20997871	38,2x8x145,9 35,8x8x145,9	60 45	3 3	VV487 VV487N VV494 VV494N VV487 VV487N VV494 VV494N	3183283 20904074 3183283 20904074	8x15x83,4 +0,05 8x15x83,4 +0,05 8x15x83,4 +0,05 8x15x83,4 +0,05	G F G F1 G F G F1
Eng. D7 DEAE 2 7146ccm	 	108 6	IN EX	V1525 V1526	20405502 20714469 20405503 20565912	48x9x139 42x9x139	60 45	3 3	VV359 VV359	 	9x15,03x62,8 9x15,03x62,8	G A4 G A4
Olympion Eng. D9 A 300 Eng. D9 A 340 FM9-260, FM9-300 FM9-340, FM9-380 Eng. D9 A 260, D9 A 300 D9 A 340, D9 A 380 Euro 3 9364ccm 191-280kw(260-380PS)	01→ 01→ 01→	120 6	IN IN EX EX	V1993 V1519 V1994 V1520	20528113 20551761 20450002 20528110 20528111 20570965 20516141 8148069	38x8x192 38x8x192 38x8x191,7 38x8x191,7	60 60 60 60	3 1 3 1	VV487 VV487N VV487 VV487N VV487 VV487N VV487 VV487N	3183283 3183283 3183283 3183283	8x15x83,4 +0,05 8x15x83,4 +0,05 8x15x83,4 +0,05 8x15x83,4 +0,05	G F G F G F G F

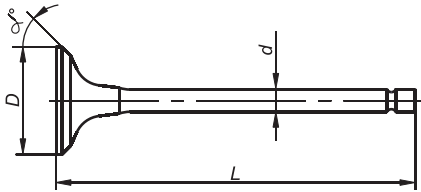
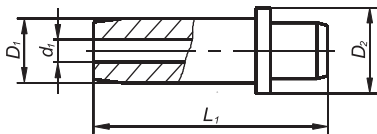
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO INDUSTRIAL AND COMMERCIAL											
Bus 7700 Eng. D9 B 260, D9 B 310 D9 B 360 Euro 4/5 FM300, FM340, FM380 05→ FM360 Eng. D9 B 300, D9 B 340 D9 B 360, D9 B 380 Euro 4/5 9364ccm 191-280kw(260-380PS)	120,6	IN	V1993	20528113 20551761	38x8x192	60	3				
	6	EX	V1974	20564039	36x8x192,7	60	3				
ENG.THD 100D- Turbo 84→ B/N 10 9599 ccm 185/203kw(252/276PS)	120,6	IN	V459	469240-6 467861	49x11x167,2	60	1	VV13	422320	11x18,00x82	G A
	6	EX	V460	467855-3	46x11x167,2	45	1	VV14	421297	11x18,00x66	G A
ENG.TD 100A/B - Turbo 65→ F/N 100 9599 ccm 169/220kw(230/300PS)	120,6	IN	V463	467502-1 1545290	50x11x167,2	60	1	VV13	422320	11x18x82	G A
	6	IN	V1381	8194223	50x11x167,2	60	1	VV13	422320	11x18x82	G A
ENG.TD 100F/G- Turbo 81→ B 10M/R F/N 10 9599 ccm 160/220kw(217/300PS)		EX	V460	467855-3	46x11x167,2	45	1	VV14	421297	11x18x66	G A
ENG.THD 100 E - Turbo 84→ B/N 10 9599 ccm 160/203kw(217/276PS)		EX	V1382	8194224	46x11x167,2	45	1	VV14	421297	11x18x66	G A
ENG.TD 101 F/G/GA 81→ ENG. TD 101 Turbo F10											
ENG.TD 101 FA/FC/FD 83→ ENG. TD 101 Turbo FL10 9599 ccm 200/220kw(272/300PS)											
ENG.THD 101 K - Turbo 84→ B/N 10 9599 ccm 160/228kw(217/310PS)											

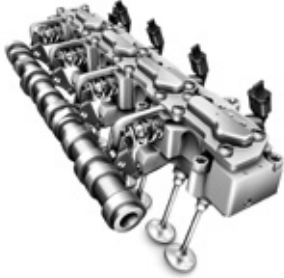
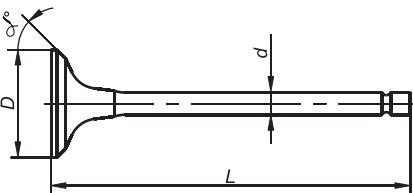
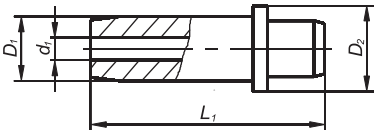
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
VOLVO INDUSTRIAL AND COMMERCIAL											
ENG. THD 102 KF- Turbo 91→ B10 R/M 9599 ccm 180/210kw(245/280PS) ENG. TD 103 E/ES - Turbo 91→ F10/FL, F10/FS 9600/12000ccm 235/262kw(320/356PS)	120,6 6	IN	V463	467502-1 1545290	50x11x167,2	60	1	VV13	422320	11x18x82	G A
		IN	V1381	8194223	50x11x167,2	60	1	VV13	422320	11x18x82	G A
		EX	V460	467855-3	46x11x167,2	45	1	VV14	421297	11x18x66	G A
		EX	V1382	8194224	46x11x167,2	45	1	VV14	421297	11x18x66	G A
ENG. D11 A-A 07→ D11 A-B 10800ccm 493kw(670PS)	123 6	IN	V1879	20540012 20540013 20540017	40x8x192	60	3	VV487 VV487N	3183283	8x15x83,4 +0,05	G F
		EX	V1880	20464020 20564019 20564020	38x8x192,7	60	3	VV487 VV487N	3183283	8x15x83,4 +0,05	G F
ENG TD 120A Turbo 79-85 F88/89 12000 ccm 243kw(330PS) ENG TD 120 C/E/F/G - 77→ ENG TD 120 Turbo ENG TD 121 F/G/GD 80→ ENG TD 121 Turbo F/N 12 12000 ccm 227/283kw(308/385PS) ENG TD 122F/FS Turbo 88→ F 12 12000 ccm 262/291kw(356/395PS)	130,2 6	IN	V555	468302-5	54x11x167,2	60	1	VV13	422320	11x18x82	G A
		EX	V556	468303-3	50x11x167,2	45	1	VV14	421297	11x18x66	G A
ENG. D12C, D12D 12V FM12, FH12, NF12 Bus. B12B, B12M ENG. D12A 24V Turbo 93→ FH12-340-380-420-460 12130ccm 250/270/309kw(340/380/420PS)	131 6	IN	V1684	20459326	40x8x192	60	1	VV298 VV298N	1546437	8x15x83,4 +0,05	G F
		EX	V1304	20441945	40x8x191,7	45	1	VV298 VV298N	1546437	8x15x83,4 +0,05	G F

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO INDUSTRIAL AND COMMERCIAL											
FM12 420 24V FH12 420 24V FH12 460 24V FH12 500 24V Eng. D12D 12130ccm 309/338/368kw	02→ 6	131 6	IN EX V1303 V1304	1547492 3169490 8148574 20441486 3165234	40x8x192 40x8x191,7	60 45	11 1	VV487 VV487N VV487 VV487N	3183283 3183283	8x15x83,4 +0,05 8x15x83,4 +0,05	G F G F
FM Eng. D13 24V Euro 4 A360/B360/400/440/500 12800ccm 264/368kw(360/500PS) Eng. D13 24V Euro 4/5 A400/440/480/520 12800ccm 294/382kw(400/520PS)	07→ 05→	131 6	IN EX V1853 V1854	20712128 20740798 20561995 20768506 20768519	42x8x192 40x8x191,7	65 50	3 3	VV494 VV494N VV494 VV494N	20904074 20904074	8x15x83,4 +0,05 8x15x83,4 +0,05	G F1 G F1
FH16 550 FH16 610 Eng. D16C 16123ccm	02→	6	IN EX V1807 V1808	20735572 24426433 20513285	49x10x192,9 46x10x191,4	65 45	11 1	VV567 VV567	20916916 20562837 20916916 20562837	10x16x83,4 10x16x83,4	G F G F
ENG. TD 162 Turbo F16 16121ccm 342kw(466PS) ENG. TD 163 ES Turbo F16 16121ccm 370kw(503PS) ENG. D16A Turbo 24V FH16-470/520 16100ccm 346/382kw(470/520PS)	87→ 91→ 91→	142 6 144 6 142 6	IN EX V1197 V1198	1556472 1543026 1556473 1543027	47x9,5x176,8 45x9,5x176,9	60 45	1 1	VV607 VV608	1556607-8 1556604-5	9,5x16x82 9,5x16x71	G A3 G A

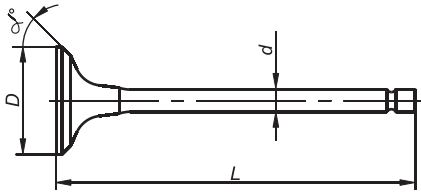
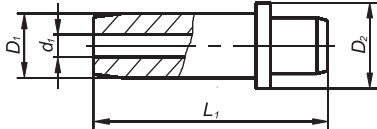
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO-BM											
ZL 402 Eng. F 3L 1011 F Euro 1 2049ccm 28/33kw(38/45PS)	97→	91 3	IN	V1261 V1261N		40,1x8x124,7 +0,2d	45 3	VV506		8x15/12,03x48	G G
			EX	V1262 V1262N		34,9x8x124,7 +0,2d	45 3	VV506		8x15/12,03x48	G G
ZL 502 Eng. F 4L 1011 F Euro 1 2732ccm 40/46kw(55/63PS)	97→										
L 30 Eng. BF 4L 1011 FT 2732ccm 46/53kw(63/72PS)	98→	91 4	IN	V1375 V1375N		40,5x8x124,9 +0,2d	60 3	VV506		8x15/12,03x48	G G
			EX	V1262 V1262N		34,9x8x124,7 +0,2d	45 3	VV506		8x15/12,03x48	G G
L32/L35 Eng. BF 4L 1011 Euro 1 2732ccm 46/53kw(63/72PS)	98→										
LM 841/846 Eng. D 60A 5480ccm 84/92kw(115/125PS)	76-79	98,43 6	IN	V767		41x8x145,3	60 11	VV124		8x16,02x64,5	G F
			EX	V768		37x8x145,3	45 11	VV124		8x16,02x64,5	G F
DR 826 DR 860 →70 T 680 T 810 76-79 T 814 76-79 Eng. TD 60 A 5480ccm 108/132kw(147/180PS)											
DR 861 79-86 T 861 79-86 4400 74-78 2650/2654 79-82 Eng. TD 60 B 5480ccm 113/132kw(155/180PS)	79-86	98,43 6	IN	V767		41x8x145,3	60 11	VV124		8x16,02x64,5	G F
			EX	V768		37x8x145,3	45 11	VV124		8x16,02x64,5	G F
LM 4400 86→ Eng. TD 61 A 5480ccm 103/150kw(140/204PS)											
L 90 91-95 Eng. TD 61 G/G8 5480ccm 108/126kw(147/171PS)											

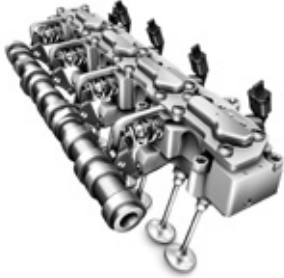
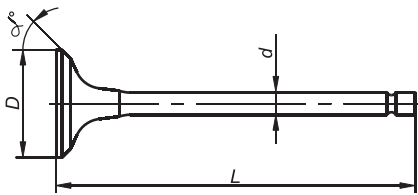
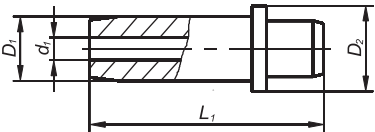
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1		2	3	4	5	6	7	8	9	10	11	12
VOLVO-BM												
L 30 Eng. 4.236 3864ccm 48/60kw(59/80PS)	87-95 98,48 4	IN	V199		44,3x9,5x122,9	45	1	VV01		9,5x15,9x58	G	
			V199N		+0,3S			VV01N		+0,05	F	
			V199N1		+0,5S			VV01N2		+0,40		
			V199N2		+0,8S							
			V199N3		+1,2S							
			V199N5		+0,5S/+0,2d							
			V199N6		+0,5d							
			V199N7		+0,2d							
			V199N9		+1,2S/+0,5d							
			IN	V343		44,3x9,5x122,9	45	1	VV01		9,5x15,9x58	G
			V343.1		+0,075d			VV01N		+0,05	F	
			V343.2		+0,4d			VV01N2		+0,40		
			V343N		+0,3S							
			V343N1		+0,5S							
			V343N2		+0,8S							
			V343N3		+1,2S							
			V343N5		+0,5S/+0,2d							
			V343N6		+0,5d							
			V343N7		+0,2d							
			V343N9		+1,2S/+0,5d							
			IN	V1941		44,2x9,5x122,8	60	1	VV01		9,5x15,9x58	G
									VV01N		+0,05	F
									VV01N2		+0,40	
			EX	V200		36,6x9,5x123,3	45	1	VV02		9,5x15,9x61	G
			V200N			+0,3S			VV02N		+0,05	F6
			V200N1			+0,5S			VV02N2		+0,40	
			V200N2			+0,8S						
			V200N3			+1,2S						
			V200N5			+0,5S/+0,2d						
			V200N6			+0,5d						
			V200N7			+0,2d						
			V200N9			+1,2S/+0,5d						
			EX	V344		36,6x9,5x123,3	45	1	VV02		9,5x15,9x61	G
			V344.1			+0,075d			VV02N		+0,05	F6
			V344.2			+0,4d			VV02N2		+0,40	
			V344N			+0,3S						
			V344N1			+0,5S						
			V344N2			+0,8S						
			V344N3			+1,2S						
			V344N5			+0,5S/+0,2d						
			V344N6			+0,5d						
			V344N7			+0,2d						
			V344N9			+1,2S/+0,5d						

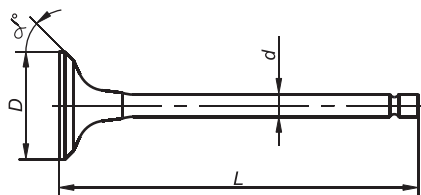
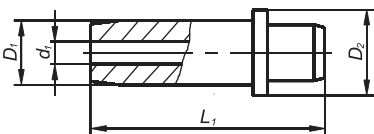
	CYL. Ø N _ø	IN EX										
			AV REF.	ORIGINAL PART N _ø	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _ø	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLVO-BM												
MC 110/80/90 Eng. 1004-42 3990ccm 64kw(87PS)	03-05	100 4	IN	V1587		45x9x124,1	45	1	VV303		9x13,05x51,3	G A1
			EX	V1588		42x9x124,1	45	1	VV304		9x14,05x51,3	G A16
EC 140/EC 150 Eng. 4B 3.9 C Euro 2 EN 170/EW 180 Eng. 6B 5.9 C Euro 2 5883ccm 86/132kw(115/177PS)	96→	102 4	IN	V527		45x8x129,1	60	18				
			EX	V528		42x8x129,1	45	1				
Eng. TD 70 B 6730ccm 110kw(150PS) Eng. TD 70 A 6730ccm 128/136kw(175/185PS) Eng. TD E Eng. TD ES 6730ccm 155/166kw(210/225PS) Eng. 70F/FS/G 6730ccm 162/180/138-156kw (220/245/188-212PS) Eng. TD 70 H 6730ccm 121/157kw(165/213PS) Eng. TD 71 A Eng. TD 71 G Eng. TD 71 K 6730ccm 169/137-148/169-177kw (230/186-201/230-241PS)	72-79 65-70 74-78 74→	101,78 6	IN	V1087 V1087N3		43x11x148,5 +1,0S	60	1	VV229 VV229N		11x18x66 +0,05	G F
			EX	V1088 V1088N3		37x11x148,5 +1,0S	45	1	VV229 VV229N		11x18x66 +0,05	G F
Eng. BF 4M 1013 Euro 1 4764ccm 63/93kw(85/127PS) Eng. BF 4M 1013 E Euro 2 4764ccm 71/95kw(87/129PS)	99→ 98→	108 4	IN	V1525		48x9x139	60	3	VV359		9x15,03x62,8	G A4
			EX	V1526		42x9x139	45	3	VV359		9x15,03x62,8	G A4

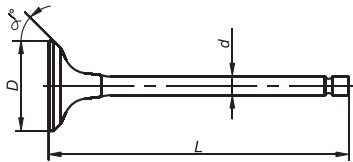
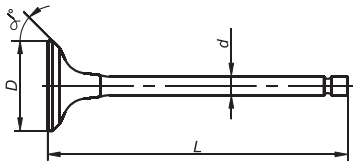
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO-BM											
Eng. TD 100A 9600ccm 72-84 154/188kw(210/265PS)	120,65 6	IN	V463		50x11x167,2	60	1	VV13		11x18x82	G A
Eng. TD 100G 9600ccm 82→ 180/203kw(245/276PS)		EX	V460		46x11x167,2	45	1	VV14		11x18x66	G A
Eng. TD 101G 9600ccm 84→ 192/202kw(261/275PS)											
Eng. TD 103 KAE Euro 2 9600ccm 85→ 190kw(258PS)											
Eng. TD 120 G 12000ccm 83→ 225/256kw(306/348PS)	130,2 6	IN	V555		54x11x167,2	60	1	VV13		11x18x82	G A
Eng. TD 121 G 12000ccm 86→ 215/256kw(292/348PS)		EX	V556		50x11x167,2	45	1	VV14		11x18x66	G A
Eng. TD 122 GA 12000ccm 87-96 179/262kw(243/356PS)											
Eng. TD 122 GH 12000ccm 91→ 207/262kw(281/356PS)											
Eng. TD 122 KE 12000ccm 89→ 276/291kw(375/396PS)											
YANMAR											
1GM10 2GM20 3GM30 : 35 NEW	75	IN	V2407		32x7x91	45	9				
		EX	V2408		26x7x91	45	9				
ZASTAVA											
750 0,8 Eng. 100D 767ccm	63 4	IN	V01	4 064 701	25,5x7x92,2	45	5	VV184	880 911	7x13,02x42	G A1
		EX	V02	4 064 702	23,5x7x92,2	45	5	VV184	880 911	7x13,02x42	G A1

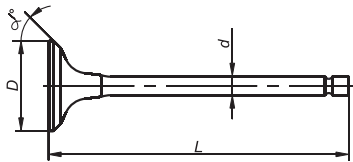
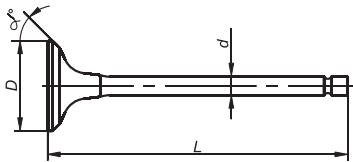
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ZASTAVA											
750 S 850 S Eng. 100. G. 000 843 ccm	64-70	4	IN EX	V254 V255	700 010 700 011	28,5x7x96 26x7x96	45 5 45 5				
YUGO 45, 55, 65 0.9 Eng. 100. GLO64 903 ccm	80→	4	IN	V257	4 265 695	29x7x95,3	45 1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
YUGO 45, 55, 65 1.1 Eng. 11E1.064 1108 ccm	80→		EX	V258	4 377 979	26x7x95,7	45 1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F
Zastava 10 1.2 1248ccm	04→	70,8 4	IN	V1555	55194993	31,9x5x98,4	45 3	VV377 VV377.1 VV377.2	55190559 55190560	5x10,06x44 +0,03 +0,23	G F
			EX	V1556	55194994	27,3x5x98,7	45 3	VV377 VV377.1 VV377.2	55190559 55190560	5x10,06x44 +0,03 +0,23	G F
Fiat 126 P 650 ccm	78→	77 2	IN	V539	4 294 099	33x8x115,3	45 9				
			EX	V540	4 379 989	28x8x116	45 9				
101 1.1 YUGO 55 1.1 Eng. 128A.000/128A.064 1116 ccm	72→ 80→	80 4	IN	V152	4 239 917	36x8x108,5	45 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
			EX	V153	4 315 062 4 314 869	31x8x109	45 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F

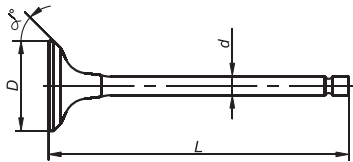
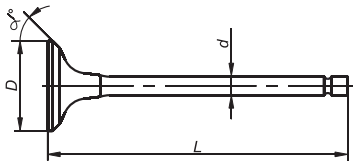
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ZASTAVA											
Florida 1.4 88→ Eng. M020 AA.13.0, 160 A1.000 1372 ccm 52kw(71PS)	80,5 4	IN	V411	7 609 772	37,5x8x108,5	45	1	VV69	4 250 803	8x14,06x46,5	G
								VV69.1	4 372 160	+0,03	F
								VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
								VV69.4	4 372 162	+0,23	
		EX	V412	5 973 128	31x8x109	45	1	VV69	4 250 803	8x14,06x46,5	G
								VV69.1	4 372 160	+0,03	F
								VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
								VV69.4	4 372 162	+0,23	
Florida 1.6 1580 ccm 66kw(90PS)	86,4 4	IN	V411	7 609 772	37,5x8x108,5	45	1	VV69	4 250 803	8x14,06x46,5	G
								VV69.1	4 372 160	+0,03	F
								VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
								VV69.4	4 372 162	+0,23	
		EX	V506	5 973 129	33,2x8x109	45	1	VV69	4 250 803	8x14,06x46,5	G
								VV69.1	4 372 160	+0,03	F
								VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
								VV69.4	4 372 162	+0,23	
ZAZ											
Tavria 1.1 98→ 1091ccm 38kw(52PS)	72 4	IN	V479	245-1007010	34x8x111	45	1	VV121	2108-1007032	8x14,04x37,5	G F1
		EX	V480	245-1007012	29x8x111	45	1	VV121	2108-1007032	8x14,04x37,5	G F1

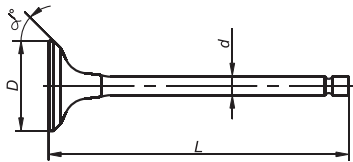
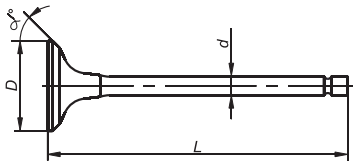
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ZETOR											
ENG. 2001 Tractor 2011, 2013, 2017, 2023, 2511 1560 ccm 16kw(22PS)	60-77	95 2	IN	V85	950505	39,2x8x129,4 +0,2S +0,5S +1,0D/+0,5S +1,0S +1,0D/+1,0S	45 21	VV38	950504	8x17,5/15,04x69,5 +0,05	G G
				V85N				VV38N			
				V85N1							
				V85N2							
				V85N4							
ENG. 3001 Tractor 3011, 3013, 3016, 3017 3045, 3511, 3516, 3545 2340 ccm 24kw(33PS)	60-77	95 3	EX	V85N5	950506	33x10x127,5 +0,2S +0,5S +1,0D/+0,5S +1,0S +1,0D/+1,0S	45 9	VV39	950530	10x17,5/15,04x64 +0,05	G G
				V86				VV39N			
				V86N							
				V86N1							
				V86N2							
ENG. 4001 Tractor 4011, 4045, 4511, 4611 3120 ccm 32kw(44PS)	60-77	95 4		V86N4		+1,0S +1,0D/+1,0S					
				V86N5							
ENG. 5501 Tractor 5511, 5516, 5545, 5547, 5647 5711, 5718, 5745, 5748, 5845 4680 ccm 40,5/44kw(55/60PS)	60-77	95 6									
Major, Super 50 T42 4150ccm 37kw(50PS)	63→	105 4	IN	V667	1050409	40x10x155	45 21	VV68		10x26/17,05x78	G G
Major, Super 50 T42 4150ccm 37kw(50PS)	63→	105 4	EX	V668	1050408	40x10x155	45 21	VV68		10x26/17,05x78	G G
Tractor 5711 5011,6011,6911,7011 Tractor 6911 - 6945 3595 ccm	78→	110 4	IN	V549	69010555	44,5x10x129,5 +0,3S +0,5S +1,0D/+0,5S +1,0S	45 1	VV39	950530	10x17,5/15,04x64 +0,05	G G
				V549N				VV39N			
				V549N1							
				V549N2							
				V549N3							
Tractor 5711 5011,6011,6911,7011 Tractor 6911 - 6945 3595 ccm	78→	110 4	EX	V550	69010554	36,5x10x129,5 +0,3S +0,5S +1,0D/+0,5S +1,0S	45 1	VV39	950530	10x17,5/15,04x64 +0,05	G G
				V550N				VV39N			
				V550N1							
				V550N2							
				V550N3							

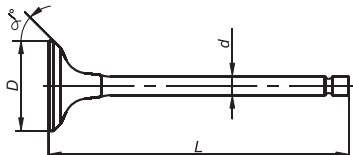
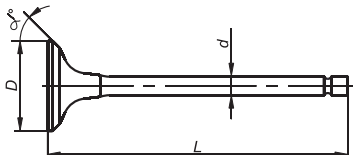
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ZETOR											
ENG. 8001 Tractor 8011, 8045 4562 ccm 55kw(75PS)	69→ 4	110 4	IN EX	V87 V87N3 V315 V315N3	4-80005014 4-80005015	49,3x10x138,9 +1,0S 41,3x10x138,9 +1,0S	45 45	1 1	VV111 VV112	 10x16,05x68	G F2 G A6
ENG. 8601 Tractor 8611, 12011, 12045 6842 ccm 84kw(114PS)	69→ 6	110 6									
Tractor Z 8604 Turbo		110 6	IN	V515 V515N3	D 64000423	49,2x10x139 +1,0S	60	1	VV111		10x16,05x68 G F2
			EX	V516 V516N3	D 64000424	41,3x10x138,9 +1,0S	45	1	VV112		10x16,05x68 G A6
ZIL											
5301 Eng. D240/245/260 4750/7120ccm	14→ 4 6		IN	V1053 V1053N1 V1053N2	2401007014B4 2401007014B7 2401007014B9	48x11x158 +0,5S +0,8S	60	8	VV42 VV42N VV42N1	240.1007-032	11x18,04x85,5 +0,04 +1,0 G F
			EX	V1052 V1052N1 V1052N2	2401007015B6 2401007015B7 2401007015B9	42x11x158 +0,5S +0,8S	45	8	VV42 VV42N VV42N1	240.1007-032	11x18,04x85,5 +0,04 +1,0 G F

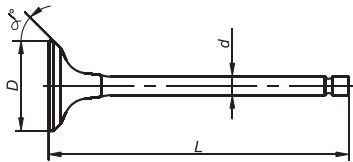
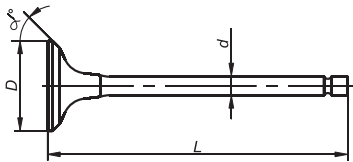
									
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ACME					ALFA ROMEO				
960 045	37,5x9x105	V659		1	605 06 548	40x8x93,8	V1559		6
960 046	37x9x105	V660		1	605 12 982	44x9x104,8	V1561	56117	7
960 022	30,5x9x105	V661		1	605 01 089	38,5x9x92,2	V1562	56118	7
960 023	30,5x9x105	V662		1	55557741	31,2x5x113,9	V1611		3
960 016	35x9x105	V663		1	71744388	27,5x5x113,2	V1612		3
960 015	35x9x105	V664		1	71741112	35x6x101,4	V1871		6
ACURA					71741113	30,6x6x97,2	V1872		6
14711-PM3-000	29x5,5x115	V1529		1	55225886	26,8x6x95,2	V2021		2
14721-PM3-000	24,9x5,5x118,7	V1530		1	55225887	23x6x94,9	V2022		2
641 049	34x6x103,8	V1649		1	55229666	30,15x5x95,5	V2023		4
641 360	29x6x103,5	V1650		1	55231897	25,4x5x95,3	V2024		4
ALFA ROMEO					ALFA ROMEO DIESEL				
608 05 834	34,4x7x128	V705	17095	5	7 301 820	41x8x120,7 +1,0S	V326 V326N3	17062	11
608 05 836	28,5x7x125,7	V706	17096	5	7 301 821	34,4x8x122 +1,0S	V327 V327N3	17063	10
608 11 153	33,5x7x113	V729	560017	4	4 813 760	41x8x122 +0,5S +1,0S	V470 V470N1 V470N3	17080	10
608 11 154	28x7x108,4	V730	560018	4	608 08 694	37,5x8x116,5	V707	56012	9
46406 169	43,5x8x105,6	V945	17056	5	608 08 695	33,5x8x116,5	V708	56013	9
7 597 080	36,2x8x105,9	V946	17010	5	4 74 1 915	41x8x122	V965	17031	10
608 12 982	30x7x113	V963	560015	4	4 733 349	32,9x8x122	V966	17032	10
608 12 981	26x7x108,5	V964	560016	4	7 798 620	37,5x8x114,2	V1031	171013	9
125 195	38,1x8x98	V971		2	7 783 225	31x8x114,2	V1032	171014	9
125 196	33,1x8x97,5	V972	56007	2	46478 834	35,5x8x115	V1033	171046	8
131 929	40x8x93	V973	56129	6	46416 321	34,5x8x115	V1034	171047	8
131 930	33,1x8x93	V974	56130	6	605 07 189	40,2x8x121	V1167	4077	10
605 64 098	44x8x116	V1009	56005	5	605 04 864	34x8x121	V1168	4078	10
605 12 751	38x8x119,4	V1010	56113	5	46518930	21,7x6x109,2	V1413		7
55192156	35,1x6x102,3	V1069	291109	6	46518931	21,7x6x109,2	V1414		7
71739686	30,1x6x100,9	V1070	291110	6	46802049	27,8x6x114,4	V1415		8
605 25 336	32x7x99,1	V1173	56008	6	46787902	25,8x6x114,4	V1416		8
605 25 337	26x7x101,2	V1174	56009	6	55206431	27,9x5x114,4	V1595		9
605 40 326	39,8x8x92	V1175	56010	3	55205183	24,5x5x114,4	V1596		7
11608 03301 01	37x9x106,5	V1176	5611	2	55205125	26,5x5x114,4	V1680		7
605 60 643	35,6x7x102,1	V1181	56014	7	55204574	22,45x6x109,2	V1873		7
605 60 644	31,1x7x102,3	V1182	56126	7	55223836	22,5x6x109,2	V1874		7
605 40 325	33,1x8x92,1	V1186	56011	3	55190248	27,9x5x114,2	V2025		8
605 13 702	36,5x9x107,2	V1225	5600 21	3	55190249	24,9x5x114,2	V2026		8
605 13 703	32,5x9x94,9	V1226	5600 22	3	AUDI				
605 82 738	33,6x7x102	V1371		6	036 109 601B	34x8x104	V545	3361	12
605 82 739	29,1x7x102,2	V1372		6	052 109 611A	28,2x8x104	V547	3910	12
11717.03300.00	42x9x106,5	V1407	56103	2	036 109 601	34x8x104	V647	3341	12
55185028	26,9x6x95,2	V1451		1					
55106233	22,4x6x94,7	V1452		1					
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605 03 993	33,2x8x93,5	V1558		2					

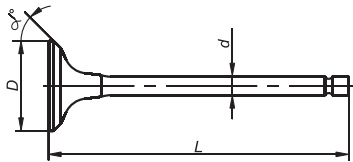
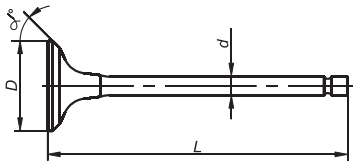
									
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052 109 601	31,5x8x104	V692	33043	11	022 109 611N	30,2x6x102,3	V1686	331129	27
069 109 601F	36x8x95,1	V697	39123	24	022 109 601H	33,2x6x136,3	V1687	331128	27
	+0,5S	V697N1		24	022 109 611P	30,2x6x136,1	V1688	331130	27
	+0,8S	V697N3		24	03F 109 601A	35,4x6x98,7	V1957		12
026 109 601C	40x8x91	V701	39136	19	03F 109 611B	30x6x98,4	V1958		12
026 109 611A	33,2x8x91	V702	33048	15		32,7x7x95,2	V1973		28
053 109 611	33,2x8x91	V702B	33047	16	06D 109 601M	33,8x6x104	V2027	331125	23
049 109 601F	34x8x98,7	V747	33024	13	06E 109 601H	32,3x6x104	V2157		23
049 109 611F	31,2x8x98,5	V748	33025	13		28x6x101,9	V2158		23
049 109 601A	38x8x105,7	V749	3322	14	04E 109 601B	28,5x5x110,3	V2177	331158	13
049 109 611A	31,2x8x105,5	V750	3320	14	04E 109 611J	25,1x5x110,1	V2178	331159	13
035 109 601C	38x8x98,7	V751	33022	14	04E 109 601A	26,4x5x110,2	V2355	331156	12
035 109 611F	33,2x8x98,5	V752	33023	14	04E 109 611K	23,5x5x110,2	V2356	331157	12
026 109 601	40x8x98,7	V753	39100	18	AUDI DIESEL				
035 109 601H	38x8x91	V754	33034	15	068 109 601C	34x8x104,8	V541	33028	29
056 109 601A	34x8x98,7	V755	33001	13		+0,3S	V541N		29
027 109 601C	32x7x95,5	V779	33125	21		+0,5S	V541N1		29
027 109 611B	28x7x98,2	V780	33050	21		+0,8S	V541N3		29
035 109 601J	38x8x91,9	V796	33282	20		+1,5S	V541N4		29
056 109 611A	31,2x8x98,5	V799	33002	13		+1,0S	V541N5		29
058 109 601C	26,9x6x105,1	V839	33413	22	068 109 601D	34x8x104,8	V541A	4906	30
058 109 611M	29,9x6x103,9	V840	33438	22		+0,3S	V541N		30
078 109 601B	39,5x7x91,9	V869	33403	21		+0,5S	V541N1		30
048 109 611B	32,9x7x91,2	V870	33416	21		+0,8S	V541N3		30
051 109 601B	32x7x95,5	V889	33308	27		+1,5S	V541N4		30
051 109 611B	27x7x98	V890	33309	27		+1,0S	V541N5		30
048 109 601A	39,5x8x91,9	V899	33313	16	068 109 611C	31,2x8x104,6	V542	33029	29
036 109 601S	29,5x6x100,9	V957	39522	14		+0,3S	V542N		29
036 109 611K	26x6x100,5	V958	39523	14		+0,5S	V542N1		29
077 109 601Q	26,9x6x96,5	V1137		28		+0,8S	V542N3		29
077 109 611K	29,9x6x95	V1138		28		+1,5S	V542N4		29
022 109 601E	31X6X102,1	V1217		27		+1,0S	V542N5		29
022 109 611C	27X6X136,4	V1218		27	068 109 611D	31,2x8x104,6	V542A	4907	30
022 109 601F	31X6X136	V1219		27		+0,3S	V542N		30
022 109 611B	27X6X102,5	V1220		27		+0,5S	V542N1		30
06B 109 601D	39,4x6x93,8	V1379	331057	15		+0,8S	V542N3		30
06B 109 611C	32,9x6x93,8	V1380	331058	15		+1,5S	V542N4		30
077 109 601K	32,7x6x94,6	V1593	330052	28		+1,0S	V542N5		30
077 109 611D	27x6x97	V1594	330053	28	068 109 601L	34x8x95,1	V543	39183	30
06D 109 601K	33,8x6x104	V1605	331116	24		+0,3S	V543N		30
06D 109 611L	28x6x101,9	V1606	331117	22		+0,5S	V543N1		30
059 109 601G	28,6x6x99,3	V1609		27		+0,8S	V543N3		30
059 109 611H	26,8x6x99,2	V1610		27		+1,5S	V543N4		30
058 109 611E	29,9x6x103,9	V1634	331107	23		+1,0S	V543N5		30
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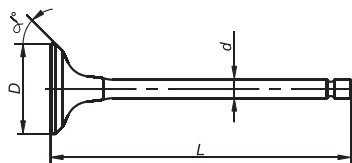
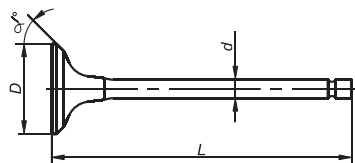
									
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068 109 611L	31,2x8x95 +0,3S +0,5S +0,8S +1,5S +1,0S	V544 V544N V544N1 V544N3 V544N4 V544N5	39116	30	059 109 601C	27,1x6x100,5	V879	33463	32
068 109 611M	31,2x8x95 +0,3S +0,5S +0,8S +1,5S +1,0S	V544A V544N V544N1 V544N3 V544N4 V544N5	39117	30	059 109 611C	24,1x6x100,5	V880	33464	32
069 109 601F	36x8x95,1 +0,5S +0,8S	V697 V697N1 V697N3	39123	31	038 109 601B	36x7x90 +0,5S +1,0S	V919 V919N1 V919N3	331033	32
069 109 601H	36x8x95,1 +0,5S +0,8S	V697A V697N1 V697N3	39143	32	038 109 611B	31,5x7x90 +0,5S +1,0S	V920 V920N1 V920N3	331034	32
074 109 611	31,2x8x95,1 +0,5S +0,8S	V698 V698N1 V698N3	33049	34	057 109 601	27,1x6x99	V1275		33
068 109 601	34x8x104,8 +0,5S	V713 V713N1	33026	29	057 109 611	24,1x6x99,1	V1276		33
068 109 611	31x8x104,6 +0,5S	V714 V714N1	4900	29	059 109 601F	27,1x6x100,6	V1277	331110	33
069 109 601C	36x8x104,9 +0,5S +1,0S	V756 V756N1 V756N3	3909	31	059 109 611G	24,1x6x100,6	V1278	331111	33
069 109 601	36x8x104,8	V800	3333	31	03G 109 601A	29,4x6x88,5	V1491	331119	37
028 109 601B	36x7x95,5 +0,5S	V805 V805N1	331035	35	03G 109 611B	25,5x6x88,2	V1492	331120	37
028 109 611E	31,1x7x95,6 +0,5S	V806 V806N1	331036	35	057 109 601B	27,1x6x99	V1579		40
028 109 601D	36x7x96,9 +0,5S	V811 V811N1	39486	35	057 109 611E	24,1x6x99	V1580		40
028 109 611G	31,4x7x96,9 +0,5S	V812 V812N1	39487	35	03G 109 601B	29,2x6x87,8	V1607	331121	37
028 109 601H	36x8x96,8 +0,5S	V821 V821N1	39423	36	03G 109 611D	25,4x6x87,5	V1608	331122	37
046 109 611F	31,5x8x96,9 +0,5S	V822 V822N1	33380	36	059 109 601G	28,6x6x99,3	V1609		38
				36	059 109 611K/H	26,8x6x99,2	V1610		38
				36	038 109 601E	36x7x89,5 +0,5S	V1663 V1663N1	331123	34
				36	038 109 611E	31,5x7x89 +0,5S	V1664 V1664N1	331124	34
				36	045 109 601	36x7x89,6	V1689	331049	29
				36	045 109 611	31,5x7x89,6	V1690	331050	29
				36	038 109 601F	36x7x88,8	V1691		38
				36	038 109 611G	31,5x7x88,4	V1692		38
				36	03L 109 601	28,1x6x99,3	V1693	331131	37
				36	03L 109 611	26x6x99,1	V1694	331132	37
				36	038 109 611F	31,5x7x89,5	V1832		32
				36	03L 109 601A	26,6x6x99,3	V2029		33
				36	03L 109 611A	24,5x6x99,1	V2030		33
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					LGH10029	27,7x6x89,6	V1329	105-35474	41
					LGH10028	24,2x6x90	V1330	105-35475	42
					WAM4002	33,6x7x90,5	V1431	105-35484	40
					WAM4003	31,2x7x91	V1432	105-35485	40
					AUSTIN – LEYLAND DIESEL				
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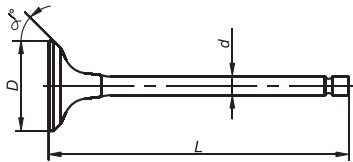
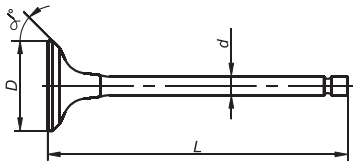
									
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4 377 979	26x7x95,7	V258	17021	42	11341 720 828	36x7x102,5	V942	11129	53
7666228	30,4x7x97,1	V731	17054	42	11341 736 567	31,9x6x104	V1101	11541	53
7666227	27,5x7x97,2	V732	17055	42	11341 736 576	28,5x6x103,6	V1102	11896	53
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360-020243	45,7x10x140,7	V491		42	11341 738 221	26,9x6x106,1	V1104	11612	45
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642 873	37x9x123,7	V245	3439	43	1134 1 726 903	30,5x7x106,3	V1130	11360	51
	+0,075d	V245.1		43	1134 1 739 822	32,9x6x106,1	V1131	11960	51
	+0,15d	V245.2		43	1134 1 739 823	30,4x6x105,7	V1132	11964	51
642 763	33x7x105	V357	3471	42	1134 1 401 104	34x7x119,7	V1149	11716	54
642 890	29x7x105	V358	3474	42	1134 1 401 105	30,5x7x121,3	V1150	11717	54
642 750	42x9x123	V609	3434	43	1134 1 739 658	42x7x104	V1177	11673	53
	+0,075d	V609.1		43	1134 1 739 665	36x7x103	V1178	11672	53
	+0,15d	V609.2		43	1134 1 267 721	39,9x7x102,5	V1215	1155	45
642 635	35x8x106,1	V817	2920	43	1134 1 267 722	33,9x7x102,5	V1216	1156	45
642 789	32x8x106,1	V818	2934	43	1134 1 309 343	37x7x121,4	V1245	11211	57
642 679	38x7x101,1	V859	29316	43	1134 1 309 487	32x7x123,8	V1246	11214	57
642 854	31x7x101,1	V860	29300	43	1134 1 736 549	34,9x6x104,1	V1281	11539	56
12911-82000	36x7x115,5	V1307	V3663	42	1134 1 741 231	30,4x6x103,6	V1282	11897	56
12915-82000	30x7x114,5	V1308	S3664	42	1134 1 251 879	41,9x8x103,8	V1317	1195	49
BEDFORD DIESEL					1134 1 251 498	34,9x8x104,3	V1318	1198	49
642 651	36x8x123,2	V695	29182	43	1134 1 273 592	46x8x106,5	V1563	1142	55
642 818	32x8x123,2	V696	29416	43	1134 1 250 129	38x8x107,1	V1564	1125	55
BELAZ					1134 1 440 304	32x6x100	V1585	111210	48
0330 05 060 5	71,9x15,9x236	V507		43	1134 1 707 519	29x6x100,1	V1586	111209	48
0330 05 070 5	67,9x15,9x236	V508		43	1134 7 547 187	26x5x110,1	V1674		44
BÜSSING					1134 1 435 461	35x6x100	V1681	111208	48
88 04101 0213	53x11x177,8	V483	81 - 1307	43	1134 7 539 919	32,2x5x104,5	V1699		46
88 04101 0212	46x11x177,8	V484	81 - 1308	43	1134 7 553 774	27x6x110,4	V1700		46
88 04101 005	60,5x12x186,5	V485	81 - 1324	44	1134 7 533 884	30x5x97	V1701		44
88 04101 002	50x13x186,5	V486	81 - 1325	44	1134 7 533 885	25,1x5x110,8	V1702		44
BMW					1134 7 553 771	34,2x5x104,5	V1703		49
11341 722 910	29,9x7x107,7	V399	11357	44	1134 7 553 772	29x6x110,6	V1704		49
11341 722 911	26,9x7x106,8	V400	11358	44	1134 7 485 585	30,3x6x109,5	V1705		44
11341 727 358	42x7x102,1	V841	11131	50	1134 7 829 943	23,3x6x118,3	V1706		44
11341 727 352	35,9x7x101,1	V842	11324	50	1134 7 553 775	31,4x5x106,6	V1707		47
					1134 7 553 776	28x6x114,6	V1708		47
					1134 7 555 760	30x6x106,7	V1931	111211	46
					1134 7 552 053	27x6x114,6	V1932	111212	46
					1134 7 548 280	31,4x6x106,7	V1955	111213	47
						29x5x110,6	V1984		53
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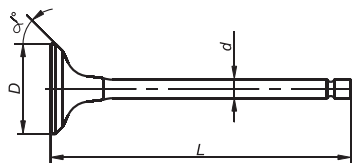
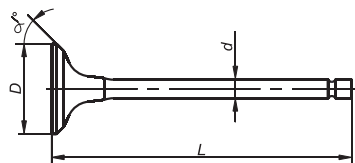
									
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1134 7 552 952	32x5x106,7	V2035	111223	54	1W 3860	41,8x9,5x181,4	V496	AS3020	61
1134 7 552 953	29x6x114,6	V2036	111225	54	1W 8606	63,6x9,5x238,6	V497		63
	35x5x112,1	V2217	111223	48	1W 1822	59,7x9,5x238,6	V498		63
	30x5x113,1	V2218	111225	48	1W 1818	59,5x9,3x236	V499		61
1134 1 404 588	35x6x119,9	V2417		55	1W 1819	58x9,3x236	V500		61
1134 1 404 589	30,5x6x121,3	V2418		55	5S 6452	51,3x9,5x140	V551	V3085XS	61
1134 7 570 163	33,2x6x102,8	V2427	111229	56		+0,2d	V551N		61
1134 7 570 164	29x6x106	V2428	111230	56		+0,55d	V551N1		61
BMW DIESEL					7S 6767	48,2x9,5x139	V552	AS3089	61
						+0,2d	V552N		61
						+0,55d	V552N1		61
1134 2 242 624	34,9x7x114,3	V937	1180	58	8H 1993	59,5x12,7x236	V567	105 – 3263	62
1134 2 242 623	30,9x7x114,1	V938	1184	58	8H 1994	57,9x12,7x235	V568	105 – 3558	62
1134 2 244 814	35,9x6x103,7	V939	11732	57	9L 7682	53,2x9,5x144,7	V591	V3014	60
1134 2 244 815	30,9x6x103,5	V940	11682	57	9L 7683	45,8x9,5x144,3	V592	S3019	60
1134 2 247 077	26x6x99,9	V994	111113	58	1P 0407	45x9,5x152,4	V849		61
1134 2 243 328	35,9x7x103,7	V1011	11485	58	8N 3725	41,8x9,5x152,4	V850		61
1134 2 244 282	30,9x7x103,5	V1012	11543	58	1457390	40x8x183,1	V1627		60
1134 7 791 054	30,6x6x100	V1487		57	1478211	43x9,5x199,1	V1628		60
1134 7 791 055	28x6x99,8	V1488		57	2255495	46,3x9x129,2	V1867		61
1134 7 805 968	25,6x5,5x96,4	V1493	539009	57	2255499	41,6x9x129,2	V1868		61
1134 7 805 969	23,4x5,5x96,6	V1494	539010	57	7W 8064	47x8x177,1	V1999		61
1134 7 797 711	27,2x5x94	V1709		58	7W 2699	40x8x176,8	V2000		61
1134 7 797 712	24,6x5x94	V1710		58	2120932	45x9,5x193,7	V2239		62
1134 7 799 612	27,5x6x99,8	V1859		59	2120933	41,8x9,5x193,7	V2240		62
1134 7 812 618	24,8x5x94	V2037		57	9H1087	43,1x9,4x150,1	V2241		62
1134 7 812 616	21,2x5x94	V2038		57	2M7727	39,9x9,4x150,1	V2242		62
	33,2x6x102,7	V2395		59	2243028	44,5x9,5x188,3	V2243		62
	29x6x106	V2396		59	2418383	41,6x9,5x187,3	V2244		62
CADILLAC					2418382	39x8x184,5	V2245		62
641 022	32x6x102,1	V511	29375	59	2527803	36x9,5x184,6	V2246		62
641 325	29x6x92,2	V512	29354	59	2941684	34,5x6,6x144,1	V2247		62
12786696	35,1x6x102,3	V1069	291109	59	2941685	27,5x6,6x144	V2248		62
12791961	30,1x6x100,9	V1070	291110	59	3096688	35x6x108,2	V2249		62
12590771	55x8x123,9	V2281		60	3399637	33x6x107,9	V2250		62
12582719	40,4x8x124,7	V2282		60	3081860	37x7x99,5	V2251		62
12575352	35,2x6x101,4	V2349		59	3081861	33x7x99,6	V2252		62
12575354	30,6x6x97	V2350		59	1537023	47x9,5x202	V2397		62
12575351	37x6x101,3	V2351		59	1537024	41,8x9,5x202	V2398		62
CADILLAC DIESEL					CHEVROLET-DAEWOO				
93185523	27,8x6x114,4	V1415		60	904 122 77	32x6x102,1	V511		66
93178588	25,8x6x114,4	V1416		60	904 108 13	29x6x92,2	V512		66
					12911 78B00	35,7x5,5x110,5	V605	771003	63
					12915 78B00	31,8x5,5x110,2	V606		63

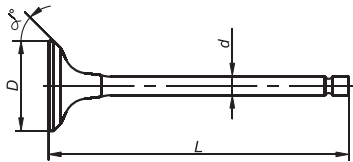
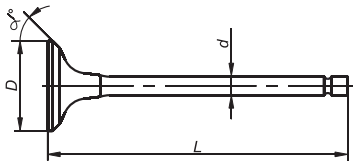
									
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90220119	41,8x7x103,8	V641	29107	65		22,5x6x109,2	V1874		67
90323757	36,5x7x103,6	V642	29292	65		29,3x5,5x96,8	V2003		67
96182806	30,3x6x102,3	V861		64		25,1x5,5x97,1	V2004		67
96182805	26x6x102	V862		64	98113743	27,4x6x102,6	V2041		67
55565339	28x5x93,8	V883		63	97385842	25,45x6x102,4	V2042		67
55570170	25x5x93,8	V884		63	25183821	28,8x5x101,9	V2043		67
96352793	31,8x5,5x110,4	V900	771004	63	25183822	26,4x5x101,9	V2044		67
96182934	38x7x103,5	V901		64	CHRYSLER				
96182933	31x7x103,5	V902		64					
641 063	35,1x6x102,3	V1069		66	0464 8615	33,2x6x114,9	V1147		68
641 376	30,1x6x100,9	V1070		66	0464 8613	28,7x6x117,2	V1148		68
	35x7x101,5	V1099		66	MD 301193	33x6x112,5	V1195		68
	31x8x103,5	V1100		66	MD 306183	29x6x114	V1196		68
MD-016460	34x6,6x102,1	V1145	V3142	63	0466 7969AB	34,8x6x111,6	V1233		68
MD-016461	30x6,6x100,9	V1146	S3143	63	0477 7898AA	28,5x6x109,8	V1234		68
96335947	38x6x104	V1263		64	33003515R	48,5x8x124,7	V1445		69
96335948	31x6x104	V1264		64	33003860R	38,1x8x125,5	V1446		69
96376881	28,6x6x101,6	V1271		64	113 053 0101	36x7x119,4	V1551	261032	69
96376980	27,3x6x101,3	V1272		64	113 050 0227	41x7x122,3	V1552	261033	69
55557862	31,2x5x117,2	V1429		65	MD 075925	38x8x103,5	V1567	V3376	68
55558728	27,5x5x116,2	V1430		65	MD 075927	31x8x100	V1568	S3374	68
	35x7x101,5	V1547		66	11347485585	30,3x6x109,5	V1705		68
	31x7x103,5	V1548		66	11347829943	23,3x6x118,3	V1706		68
55557741	31,2x5x113,9	V1611		65	04663899	33,9x6x108,2	V1847		69
71744388	27,5x5x113,2	V1612		65	04663902	27,7x6x106,2	V1848		69
90215492	38x7x101,7	V1855		64	04663347	29x7x126	V1860		69
96098751	31x7x101,7	V1856		64		37x8x111,3	V1920		69
96230591	38x6x101,3	V1875		66		43,9x8x112	V1943		69
96230595	31,4x6x101,1	V1876		66		38,6x8x111,4	V1944		69
96463002	25,9x5x99,2	V2039		63	04781025AA	48x7x126,3	V1959		69
96463003	23,5x5x100	V2040		63	04781029AB	35,5x7x127,6	V1960		69
93333561	31,2x6x101,4	V2265		65		33,2x6x114,7	V2211		68
93333562	27,5x6x100,8	V2266		65		28,8x6x117,2	V2212		68
					53006724	41,3x8x124,4	V2288		69
CHEVROLET-DAEWOO DIESEL					CHRYSLER DIESEL				
93 510 773	33x8x111,9	V710		67	7701 462 232	40,2x8x111,6	V863	515120	70
	+0,5S	V710N1		67	7701 461 339	33,3x8x111,6	V864	515320	70
	+1,0S	V710N3	537450	67	05073735AA	30,1x7x104	V1055	261102	70
93 510 415	38,5x8x112,4	V721	531005	67		+1,0L	V1055N5		70
	+0,5S	V721N1		67	05073738AA	28,4x7x104,4	V1056	261103	70
	+1,0S	V721N3		67		+1,0L	V1056N5		70
	21,7x6x109,2	V1413		67	0472 0146	40,2x8x121	V1167	4077	71
	21,7x6x109,2	V1414		67	0472 0148	34x8x121	V1168	4078	71
96951454	28,6x6x95,7	V1625		67	68001582AA	29,2x6x87,8	V1607	331121	70
96951455	24,4x6x95,7	V1626		67	68001583AA	25,4x6x87,5	V1608	331122	70
	22,45x6x109,2	V1873		67					

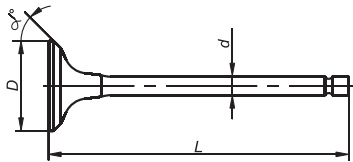
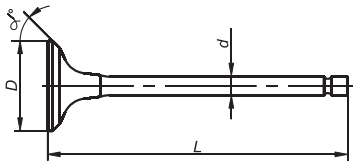
									
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05066770AA	32,4x6x109	V1645		71	96 101 887	31,3x7x111,5	V1164	537506	76
05066769AA	30,9x6x108,3	V1646		71	96 289 433	34,6x6x106,3	V1183	537006	80
5175396AA	28,5x6x102,3	V1743		70	96 298 611	29,6x6x105,7	V1184	533033	80
5175397AA	24,5x6x102,3	V1744		70	0948.A5	35x6x108,4	V1247	531015	81
K68027469AA	31,8x6x107,6	V1745		71	0949.A5	30,5x6x106,9	V1248	531016	81
K68027470AA	29,2x6x107,8	V1746		71	0948.C8	28,3x5,5x100,8	V1251		75
CHRYSLER U.S.A.					0949.C4	24,3x5,5x101,1	V1252		75
MD075925	38x8x103,5	V1567		71	91 540 748	34,6x7x106,4	V1273	537686	79
MD075927	31x8x100	V1568		71	91 540 782	29,6x7x105,8	V1274	537687	79
0948.F2	35x5,5x113,2	V2253		71	0948.A7	32,4x6x105	V1315	531027	81
0949.E7	29x5,5x105,8	V2254		71	0949.A7	29,2x6x102,6	V1316	531028	81
53021550AA	50,8x8x125,2	V2255		71	96 254 648	28,8x6x104,4	V1341	537209	77
53021551AA	39,4x8x123,1	V2256		71	0948.A4	29,8x6x106	V1453	531023	77
CITROEN					0949.A4	27,2x6x104	V1454	531026	77
5 973 128	31x8x109	V412	171030	75	0948.A1	35x6x106	V1455	531019	81
91 510 548	42,6x8x118,6	V593	537819	80	0949.A2	31,1x6x102,9	V1456	531020	81
91 520 847	35,5x8x112,2	V594	537909	80	91537489	41,6x8x105,2	V1575	537852	79
96 260 498	39,4x7x111,5	V631	531007	77	91537491	34,5x8x104,8	V1576	537850	79
97 533 264	29,3x7x112,6	V632	537845	73	753 450 880	28,8x5x105,7	V1673		76
96 278 356	36,7x7x112,8	V633	531012	75	754 718 780	26x5x110,1	V1674		76
97 533 266	36,7x7x112,8	V694	537841	73	753 388 480	30x5x97	V1701		76
91 535 017	41,6x8x108,8	V723	537853	78	753 388 580	25,1x5x110,8	V1702		76
91 535 019	34,5x8x108,4	V724	537851	78	0948.E2	27,4x5x88,4	V1721		73
7 617 500	39,5x8x108,5	V735	17089	75	0949.C8	23,6x5x89,2	V1722		73
96 172 597	34,6x7x106,4	V909	537131	79	094 932	37x8x111,3	V1920		81
96 172 795	29,6x7x105,7	V910	537132	79	094 836	43,9x8x112	V1943		81
0948.82	34,1x6x106,4	V933	537141	81	95 536 523	38,6x8x111,4	V1944		81
0949.87	30,7x6x105,3	V934	537148	81	0948.G4	29,7x5x95,1	V2031		76
91 518 971	39,5x8x105,2	V935	538181	78	9676359080	29,1x5x92,6	V2123		74
91 518 972	33x8x105,2	V936	538008	78	9676359180	26x5x91,9	V2124		74
91 512 096	40x8x108,8	V967	538180	77	95638476	39,3x8x111,8	V2171		75
91 513 446	33x8x108,1	V968	538009	77	95638477	31,2x8x111,6	V2172		75
95 551 307	36,8x8x113,4	V969	536478	72		34,5x8x77,1	V2191		72
95 551 308	29,3x8x113,6	V970	535840	72		31x8x76,4	V2192		72
96 059 361	42,6x8x108,8	V997	157579	81		39x8x91	V2193		72
96 147 032	34,5x8x108,4	V998	157580	81		32x8,5x88,7	V2194		72
0948.99	33,3x6x106,2	V1091	531010	80	5 457 475	40x8x88,5	V2195		74
0949.99	28,9x6x103,6	V1092	531011	80	5 457 476	34x8,5x87,1	V2196		74
97 531 079	34,7x7x112,8	V1093	537840	72	5 430 70Y	39x8x89,7	V2199		72
97 531 046	27,7x7x112,6	V1094	537844	72	5 430 75C	34x8,5x88,5	V2200		72
91 508 631	32x8x108,7	V1116		77	0948.F2	35x5,5x113,2	V2253		80
0948.A9	31,2x6x103,8	V1161		77	0949.E7	29x5,5x105,8	V2254		80
0949.A8	24,5x6x104,4	V1162	537174	77	CITROEN DIESEL				
96 183 535	39,5x7x111,7	V1163	537505	76	0948.A2	41x8x120,7 +1,0S	V326 V326N3	17062	88 88

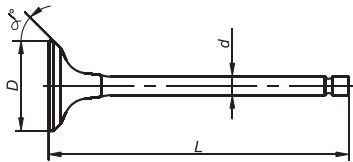
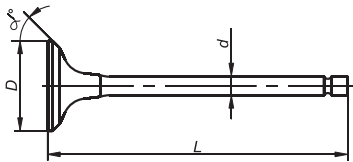
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0948.96	43,5x8x122	V679	171015	88	0949.A9	25x6x106,1	V1314	531018	86
	+1,0S	V679N3		88	0948.C4	24,3x5,5x96,4	V1457		82
0949.A0	35,9x8x122	V681	171055	88	0949.C1	22,4x5,5x96,6	V1458		82
	+1,0S	V681N3		88	0948.C7	25,6x5,5x96,4	V1493	539009	82
7 547 158	37,5x8x116,5	V707	17060	85	0948.C3	23,4x5,5x96,6	V1494	539010	82
7 588 577	33,5x8x116,5	V708	17061	85	95569116	42x8x121,4	V1623	151564	87
93 501 279	38x8x112,4	V709	538359	83	95569117	35x9x121,4	V1624	151554	87
	+0,5S	V709N1		83	504072531	32,4x6x119,9	V1697		88
	+1,0S	V709N3		83	504081062	32,4x6x119,9	V1698		88
93 510 773	33x8x111,9	V710	537450	83	0948.E5	27,2x6x95,8	V1723		86
	+0,5S	V710N1		83	0949.E1	25x6x95	V1724		86
	+1,0S	V710N3		83	0948.E6	29,8x7x122,2	V1987		87
93 510 415	38,5x8x112,4	V721	531005	83	0949.E3	25,8x7x122	V1988		87
	+0,5S	V721N1		83	0948.F7	30,15x5,5x95,6	V2049	539046	82
	+1,0S	V721N3		83	0949.F5	27,5x5,5x95,5	V2050	539047	82
96 005 391	38,5x8x112,4	V721A	537746	84	0948.F6	27,25x6x104,5	V2051		86
	+0,5S	V721N1		84	CLAAS				
	+1,0S	V721N3		84		46,3x9x129,2	V1867		89
93 510 774	33x8x111,9	V722	537747	83		41,6x9x129,2	V1868		89
	+0,5S	V722N1		83	CUMMINS				
	+1,0S	V722N3		83	145701	47,5x11,5x179,5	V410	AS2472	90
95 638 449	35,5x7x108,4	V809	157714	82	135957	47,5x11,5x179,5	V410A	V3099x	90
	+1,0S	V809N3		82	207241	56,3x12,6x191,8	V477	105-35481	91
95 638 450	30,6x7x108,2	V810	157729	82	3035110	56,3x12,6x191,8	V478	105-35482	91
	+1,0S	V810N3		82	39 208 67	45x8x129,1	V527	111006	89
96 180 328	41x7x115,7	V955	537257	88		+0,2d	V527N5		89
96 267 448	37,8x7x115,4	V956	537019	88		+0,4d	V527N6		89
0948.95	35,6x6x107,1	V1085	531003	85	39 208 68	42x8x129,1	V528	111007	89
0949.96	33,8x6x107,1	V1086	531004	85		+0,2d	V528N5		89
96 150 145	37x7x108,5	V1089	537627	83		+0,4d	V528N6		89
	+0,5S	V1089N1		83	30 332 34	42,5x9,5x176,4	V891		89
96 150 144	31,5x7x108,2	V1090	537628	83	38 185 20	42,5x9,5x176,4	V892		89
	+0,5S	V1090N1		83	3940735	33x7x124,7	V1297		90
96 008 334	33,9x8x122,3	V1095	537575	85		+0,5S	V1297N1		90
96 079 213	33,9x8x121,9	V1096	537555	85		+0,8S	V1297N2		90
96 095 457	36,9x7x127,9	V1121	537503	87		+0,2d	V1297N5		90
	+0,5S	V1121N1		87	3940734	33x7x124,3	V1298		90
	+1,0S	V1121N3		87		+0,5S	V1298N1		90
96 096 146	36,9x7x127,5	V1122	537554	87		+0,8S	V1298N2		90
	+0,5S	V1122N1		87		+0,2d	V1298N5		90
	+1,0S	V1122N3		87	3942588	38x8x137,8	V1877		90
0948.A3	29,8x6x105	V1179	531021	86	3942589	38x8x137,9	V1878		90
0949.A3	25x6x105	V1180	531022	86	3802275	52x9,5x151	V1933	105-35617	89
0948.C2	32,8x5,5x97,3	V1205	181102	82	3902254	46x9,5x150,9	V1934	105-35618	89
0949.B1	30,3x5,5x97,3	V1206	181103	82					
0948.C0	29,9x6x106,2	V1313	531017	86					

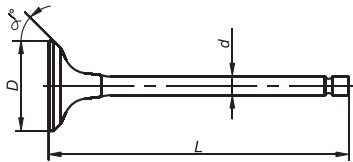
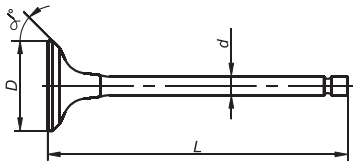
									
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	32,6x6x106,2	V1995		89	96 095 457	36,9x7x127,9	V1121	537503	94
	29x6x106,7	V1996		89		+0,5S	V1121N1		94
4965868	47,6x9,6x216	V2257		91		+1,0S	V1121N3		94
4101454	45,5x9,6x223,8	V2258		91	96 096 146	36,9x7x127,5	V1122	537554	94
3802659	45,1x8x129,2	V2259		91		+0,5S	V1122N1		94
3802658	42x8x129,1	V2260		91		+1,0S	V1122N3		94
3802813	52x9,5x151	V2261		91	286 292	44x10x142,4	V1169	105-35464	94
3802812	46x9,5x150,9	V2262		91	286 291	40x10x142,4	V1170	105-35465	94
3394112	47,6x11,5x200,2	V2263		91	266 305	54,9x11x175	V1289	105-35466	95
DACIA					266 306	49,9x11x175	V1290	105-35467	95
					1404919	33x7x124,7	V1297		93
7701 458 180	33,4x7x89,8	V581	518293	92		+0,5S	V1297N1		93
7701 460 690	28,9x7x88,8	V582	518533	92		+0,8S	V1297N2		93
7700 273 371	37,6x7x107,8	V673	511017	92		+0,2d	V1297N5		93
7701 465 090	33,6x7x107,8	V674	517646	92	1404918	33x7x124,3	V1298		93
7701 471 378	32,7x5,5x109,3	V1013	531029	92		+0,5S	V1298N1		93
7701 471 379	28x5,5x107,6	V1014	531030	92		+0,8S	V1298N2		93
7701 472 986	26x5,5x110,7	V1165		91		+0,2d	V1298N5		93
7701 473 004	22x5,5x112,5	V1166		91	1342220	45,5x9x163,8	V1359	105-35601	95
132017322R	26,5x5,5x100,9	V2131		91	1362696	42,5x9x158,8	V1360	105-35600	95
132027223R	23,5x5,5x101,7	V2132		91	1603846	45,5x9x163,7	V1421	105-35621	96
DACIA DIESEL					394838	50x10x157,9	V1711	105-35496	94
					394839	45,5x10x157,9	V1712	105-35497	94
7701 468 035	35,2x8x111,6	V837	510203	93	1345509	40,5x9x158	V1713		95
7701 465 107	36,1x8x111,7	V855	517983	93	1352127	37x9x154,4	V1714		95
	+1,0S	V855N3		93	1307654	45,5x9x163,8	V1865	105-35601	96
7701 462 814	31,6x8x111,3	V856	517963	93	1327029	42,5x9x158,8	V1866	105-35600	96
	+1,0S	V856N3		93	1684513	45,5x10x169,4	V1985		96
7701 469 369	35x8x110	V885	510203	93	1678541	42,5x10x168,6	V1986		96
7701 469 373	31,3x8x109,8	V886	517963	93	267 356	55x11x152	V2169	105-35399	95
7701 473 184	33,4x6x101	V979	539017	92	267 357	48x11x150	V2170	105-35379	95
7701 473 183	28,9x6x100,8	V980	539018	92	1912976	44x10x169,8	V2363		96
DAEWOO „see” CHEVROLET					1741505	41x10x169,6	V2364		96
					DAIHATSU				
DAF					13711-87701	36x7x101,6	V1141	V 3573	97
					13715-87701	33x7x101,6	V1142	S 3574	97
					13711-97401	26x5x88,2	V1249	711007	97
7701 458 180	33,4x7x89,8	V581	518293	93	13715-97401	22,6x5x89,2	V1250	711008	97
7701 460 690	28,9x7x88,8	V582	518533	93	13711-64030	38,5x8x105,6	V1345	V3593	98
DAF DIESEL					13711-87103	30x6,6x112,8	V1433		98
					13715-87106	26x6,6x114,5	V1434		98
0948.49	42,5x8,5x116	V793	537944	94	13715-64030	32,4x8x105,3	V1482	711026	98
0949.50	35,5x8,5x116,3	V794	538210	94	13711-15010	36x7x106,7	V1523	V3245	98
96180328	41x7x115,7	V955		94	13715-15010	31x7x106,7	V1524	S3246	98
96267448	37,8x7x115,4	V956		94	13711-97205	24,5x5x79,2	V1883		97

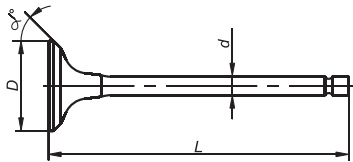
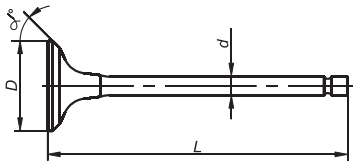
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DAIHATSU					FENDT				
13715-97203	21,1x5x79,8	V1884		97	630804600014	38x9x117	V687	2723	100
13711-87208	24,1x5x79,5	V1963		97		+1,0S	V687N3		100
13711-87202	34x7x111,1	V2053		97	620704603014	35x9x117	V688	2721	100
13715-87202	28x7x110,6	V2054		97		+1,0S	V688N3		100
13711-40040	27,6x5x88,4	V2159		97	FIAT				
13715-40040	23,6x5x89	V2160		97	4 064 701	25,5x7x92,2	V01	1755	100
DAIHATSU DIESEL					4 064 702	23,5x7x92,2	V02	1756	100
13711-87706	34x7x105	V1305		98	4 239 917	36x8x108,5	V152	17002	106
13715-87705	30x7x105	V1306		98	4 315 062	31x8x109	V153	17001	106
13711-87704	36x7x105	V1347	V3577	98	4 265 695	29x7x95,3	V257	17004	100
13715-87703	32x7x105	V1348	S3578	98	4 377 979	26x7x95,7	V258	17021	100
DONG FENG					7 609 772	37,5x8x108,5	V411	17073	106
3940735	33x7x124,7	V1297		99	5 973 128	31x8x109	V412	171030	106
	+0,5S	V1297N1		99	5 973 129	33,2x8x109	V506	17024	113
	+0,8S	V1297N2		99	4 379 986	33x8x115,3	V539	17020	105
	+0,2d	V1297N5		99	4 374 855	28x8x116	V540	17006	105
3940734	33x7x124,3	V1298		99	0948.33	42,6x8x118,6	V593	537819	111
	+0,5S	V1298N1		99	0949.56	35,5x8x112,2	V594	537909	111
	+0,8S	V1298N2		99	7 574 739	34,4x7x128	V705	17082	111
	+0,2d	V1298N5		99	7 958 073	28,5x7x125,7	V706	17083	111
FAMOS					91 535 017	41,6x8x108,8	V723	537853	109
5116 0006 2	49x11x162	V15		99	91 535 019	34,5x8x108,4	V724	537851	109
	+1,0S	V15N3		99	7 712 114	30,3x7x110,4	V727	171033	108
5116 0002 0	41x11x162	V16		99	46 413 334	35,5x7x110,4	V728	171034	108
	+1,0S	V16N3		99	7 766 564	33,5x7x113	V729	171006	108
5116 0007 0	52x11x159	V33		99	7 766 565	28x7x108,4	V730	171004	108
	+0,5S	V33N1		99	7 666 228	30,4x7x97,1	V731	17054	101
	+0,8S	V33N2		99	7 666 227	27,5x7x97,2	V732	17055	101
	+1,0S	V33N3		99	7 617 500	39,5x8x108,5	V735	17089	114
5116 0003 0	43x11x159	V69		99	46 517 325	30,3x7x102,5	V825	171036	107
	+0,5S	V69N1		99	46 462 159	29,8x7x102,8	V826	171043	107
	+0,8S	V69N2		99	91 540 748	34,6x7x106,4	V909	537131	112
	+1,0S	V69N3		99	91 540 782	29,6x7x105,7	V910	537132	112
5116 0008 0	52x11x159	V154		99	4 440 061	43,5x8x105,6	V945	171056	110
	+0,5S	V154N1		99	5 975 341	36,2x8x105,9	V946	17010	110
	+0,8S	V154N2		99	7 735 898	30x7x113	V963	171005	109
5116 0003 1	43x11x159	V155		99	7 735 899	26x7x108,5	V964	171003	109
	+0,5S	V155N1		99	91 512 096	40x8x108,8	V967	538180	109
	+0,8S	V155N2		99	91 513 446	33x8x108,1	V968	538009	109
5116 0068 0	53x11x159	V368		99	7 565 812	36x8x108,5	V983	17071	107
	53x11x159	V368A		99	7 574 881	33,1x8x109	V984	17148	107
5116 0063 0	45x11x159	V369		99	96059361	42,6x8x108,8	V997	157579	112
					96147032	34,5x8x108,4	V998	157580	112
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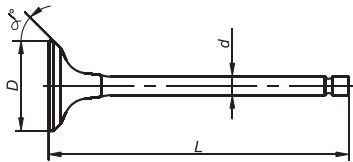
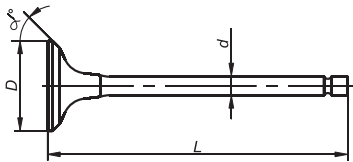
									
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FIAT					FIAT DIESEL				
46 403 681	26,9x6x95,2	V1007	171052	102	7 547 158	37,5x8x116,5	V707	17060	119
46 471 639	22,4x6x96	V1008	171053	102	7 588 577	33,5x8x116,5	V708	17061	118
71739277	35,1x6x102,3	V1069	291109	113	93 510 773	33x8x111,9	V710	537450	121
71739320	30,1x6x100,9	V1070	291110	113		+0,5S	V710N1		121
7 770 334	31,5x7x97,1	V1079	17094	102		+1,0S	V710N3		121
96239503	33,3x6x106,2	V1091	531010	111	93 510 415	38,5x8x112,4	V721	531005	121
96360017	28,9x6x103,6	V1092	531011	111		+0,5S	V721N1		121
96289433	34,6x6x106,3	V1183	537006	112		+1,0S	V721N3		121
96298611	29,6x6x105,7	V1184	533033	112	4 424 173	34x8x112	V725	17036	115
96304413	35x6x108,4	V1247	531015	114	4 424 174	29x8x112	V726	17037	115
96401813	30,5x6x106,9	V1248	531016	114	5 990 532	37,5x8x116,8	V733	17065	118
55557862	31,2x5x117,2	V1429	291106	105	5 990 533	33,5x8x117	V734	17079	118
71739797	27,5x5x116,2	V1430	291107	105	7 553 000	33x8x117	V737	17058	115
55185028	26,9x6x95,2	V1451		103	7 553 004	29,9x8x117	V738	17059	115
55185080	22,4x6x94,7	V1452		103	96180328	41x7x115,7	V955	537257	124
71742050	30x5,5x101	V1471		105	96267448	37,8x7x115,4	V956	537019	124
71747245	25x5,5x99	V1472		105	4 741 915	41x8x122	V965	17031	124
55194993	31,9x5x98,4	V1555		104	4 733 349	32,9x8x122	V966	17032	123
55194994	27,3x5x98,7	V1556		104	4 368 843	38,4x8x126	V1027	17038	122
55557741	31,2x5x113,9	V1611		107	4 368 845	33,4x8x126	V1028	17039	122
71744388	27,5x5x113,2	V1612		107	7 597 566	36,5x8x114	V1029	17084	120
55194219	33,2x5x99,9	V1621		102	7 597 565	33,5x8x114	V1030	17085	120
55200422	28x5x100,5	V1622		102	7 798 620	37,5x8x114,2	V1031	171013	116
55225886	26,8x6x95,2	V2021		105	7 783 225	31x8x114,2	V1032	171014	116
55225887	23x6x94,9	V2022		105	46 750 859	35,5x8x115	V1033	171046	116
55229666	30,15x5x95,5	V2023		107	46783962	34,5x8x115	V1034	171047	116
55231897	25,4x5x95,3	V2024		107	96247742	35,6x6x107,1	V1085	531003	121
55198341	33,2x5x99,9	V2055		104	96247745	33,8x6x107,1	V1086	531004	121
55198342	28x5x100,5	V2056		104	0948.68	33,9x8x122,3	V1095	537575	123
55194246	31,9x5x98,4	V2057		104	0949.68	33,9x8x121,9	V1096	537555	123
55194247	27,3x5x98,7	V2058		104	96 095 457	36,9x7x127,9	V1121	537505	124
FIAT DIESEL						+0,5S	V1121N1		124
7 301 820	41x8x120,7	V326	17062	123		+1,0S	V1121N3		124
	+1,0S	V326N3		123	96 096 146	36,9x7x127,5	V1122	537553	124
7 301 821	34,4x8x122	V327	17063	123		+0,5S	V1122N1		124
	+1,0S	V327N3		123		+1,0S	V1122N3		124
4 813 760	41x8x122	V470	17080	123	9627184380	29,8x6x105	V1179	531021	122
	+0,5S	V470N1		123	96344375	25x6x105	V1180	531022	122
	+1,0S	V470N3		123	500362855	30x6x120,4	V1237		123
98 468 338	43,5x8x122	V679	171015	125	500362856	30x6x120,4	V1238		123
	+1,0S	V679N3		125	96353179	29,9x6x106,2	V1313	531017	122
99 418 161	36,5x8x122	V680	171016	125	96353184	25x6x106,1	V1314	531018	122
	+1,0S	V680N3		125	46518930	21,7x6x109,2	V1413		114
99 432 837	35,9x8x122	V681	171055	125	46518931	21,7x6x109,2	V1414		114
	+1,0S	V681N3		125	46802049	27,8x6x114,4	V1415		118
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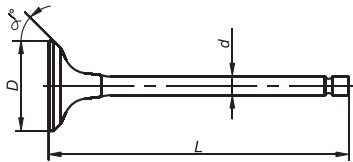
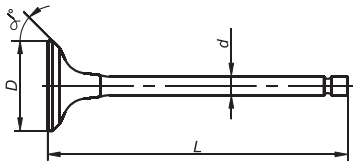
									
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96408400	23,4x5,5x96,6	V1494	539010	115		47,6x9,5x146,8	V2185		129
98 497 235	46x9x141,2	V1535		126		43x9,5x146,5	V2186		129
99 433 902	38,3x9x141,2	V1536		126		47,6x9,5x146,8	V2187		129
55206431	27,9x5x114,4	V1595		118		43x9,5x146,5	V2188		129
55205183	24,5x5x114,4	V1596		116	FORD				
5471746	42x8x121,4	V1623	151564	123	70HM 6507AE	42x8x113,2	V617	7827	139
5414239	35x9x121,4	V1624	151554	123	70HM6507BE	+0,2d	V617.1		139
55205125	26,5x5x114,4	V1680		116	70HM6507CE	+0,4d	V617.2		139
504072531	32,4x6x119,9	V1697		126	70HM 6505AF	34,2x8x112,6	V618	7880	139
504081062	32,4x6x119,9	V1698		126	78HM6505BF	+0,2d	V618.1		139
0948.E5	27,2X6X95,8	V1723		122	78HM6505CF	+0,4d	V618.2		139
0949.E1	25X6X95	V1724		122	89BM 6507BA	34,5x7x104	V739	18367	130
55204574	22,45x6x109,2	V1873		115	89BM6507CA	+0,2d	V739.1		130
55223836	22,5x6x109,2	V1874		115		+0,35d	V739N1		130
9660035980	29,8x7x122,2	V1987		123	89BM 6505CA	29x7x104,4	V740	18366	130
9660640080	25,8x7x122	V1988		123	089BM6505DA	+0,2d	V740.1		130
55190248	27,9x5x114,2	V2025		117		+0,35d	V740N1		130
55190249	24,9x5x114,2	V2026		117		31x7x104,1	V763		138
	46x9x141	V2161		126		27x7x103,3	V764		138
	38,3x9x141	V2162		126	80BM 6507DC	38,2x7,9x105,9	V771	105-35315	132
FIAT AGRI – NEW HOLLAND					80BM6507EC	+0,2d	V771.1		132
8 824 754	48,4x8x137,7	V225	17070	129		+0,3d	V771N		132
	+0,5S	V225N1		129	77BM 6505AC	29,1x7,9x105,6	V772	105-35060	131
8 830 045	40,8x8x137,7	V226	17072	129	77BM6505EB	+0,2d	V772.1		131
	+0,5S	V226N1		129		+0,3d	V772N		131
8 823 545	42,9x8x137,7	V228	17044	129	77BM 650 5DB	29,1x7,9x105,6	V772A	105-35068	132
8 823 544	36,4x8x137,7	V229	17045	129	70HM 6507DD	42x8x111,2	V773	7837	140
4 659 379	43,9x8x125,8	V321	17042	126	70HM6507ED	+0,2d	V773.1		140
	+0,3S	V321N		126	70HM6507FD	+0,4d	V773.2		140
	+0,5S	V321N1		126	70HM 6505DE	36x8x110,6	V774	7885	140
	+1,0S	V321N2		126	70HM 6505EE	+0,2d	V774.1		140
	+1,5S	V321N4		126	70HM 6505FE	+0,4d	V774.2		140
4 673 608	36,9x8x125,6	V322	17043	126	81SM 6507KF	42x8x134,8	V781	105-35326	132
	+0,3S	V322N		126	81SM6507NF	+0,2d	V781.1		132
	+0,5S	V322N1		126	81SM 6505AF	34x8x131,4	V782	105-35329	132
	+1,0S	V322N2		126	81SM 6505BF	+0,2d	V782.1		132
	+1,5S	V322N4		126	88WM 6507BA	42,6x7x108,5	V791	18353	139
99432652	45,5x8x125,7	V447	17075	127	95WM 6505AA	38x7x108,9	V792	18354	139
	+0,5S	V447N1		127	81SM 6505AG	37x8x131,8	V795	105-35332	135
	+0,8S	V447N2		127	81SM6505BG	+0,2d	V795.1		135
99432717	37,5x8x125,7	V448	17076	127	89SM 6505AG	37x8x132	V795A	18393	135
	+0,5S	V448N1		127	81SM6505BG	+0,2d	V795.1		135
	+0,8S	V448N2		127	79HM 6507EA	42x8x113,2	V797	105-35130	138
98480846	59x11x170	V519	171021	130		+0,2d	V797N		138

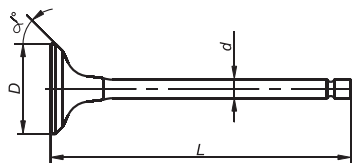
									
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84HM 6505FA	32x8x113,3 +0,2d	V798 V798N	105-35506	138	1053843	28x6x97,7	V1106	181021	137
86SM 6507AA	40x8x136,5	V801	105-35502	134	98MM 6507C2B	30,1x6x97	V1115	181009	134
86SM 6505AD	34x8x133,2	V802	105-35453	134	022 109 601E	31x6x102,1	V1217	331041	138
89BM 6507AA	33x7x104 +0,2d	V803 V803.1	18365	130	022 109 611C	27x6x136,4	V1218	331042	138
	+0,35d	V803N1		130	022 109 601F	31x6x136	V1219		138
85HM 6507FA	42x8x112,3	V865	18230	139	022 109 611B	27x6x102,5	V1220		138
85HM 6507GA	+0,2d	V865.1		139	1151997	28x6x99,5	V1288		131
85HM 6507HA	+0,4d	V865.2		139	722 1531	32x6x114,8	V1311	181026	138
85HM 6505AA	34,2x8x111,7	V866	18113	139	722 1529	26x6x115,8	V1312	181027	138
85HM 6505BA	+0,2d	V866.1		139	1119205	32,5x5,5x103,4	V1363	181110	138
85HM 6505CA	+0,4d	V866.2		139	1119204	28x5,5x104,6	V1364	181111	138
928M 6507C1A/C2A	26x6x97,1	V895	18329	133	1207533	26x6x99,7	V1411		131
948M 6505A2A	24,5x6x96,7	V896	105-35514	133	1113187	22x6x101,8	V1412		131
928M 6507D1A	32x6x97,1	V903	18330	136	1124378	35x5,5x103,4	V1495	181108	140
928M 6505D2A	28x6x96,7	V904	18391	136	1124377	30x5,5x104,6	V1496	181109	140
928M 6507F2A	32x6x97,1	V905	105-35551	137		33,2X5X99,9	V1621		130
948M 6505D2A	28x6x96,7	V906	105-35552	137	1127416	28X5X100,5	V1622		130
96MM 6507B2A	26x6x97,7	V915	105-35533	130	1089830	40x6x109,7	V1715		138
96MM 6505B2A	22x6x99,7	V916	105-35534	130	1144340	34x6x109,8	V1716		138
97MM 6507B2A	28x6x97,4	V917	181010	132	1144339	35,1x6x109,6	V1837		132
97MM 6505B2A	24x6x99,4	V918	181011	132	F8CZ6505AA	29,7x6x109,8	V1838		132
80BM 6507AC	33x7,9x105,9	V921	105-35312	131	28x6x96,6	28x6x96,6	V1886		136
80BM 6507BC	+0,2d	V921.1		131	1673829	28,1x6x99,4	V1887		133
95XM 6507AC	33,5x7x112	V923	105-35543	139	1673827	24,1x6x101,4	V1888		133
91XM 6505AB	30x7x111,6	V924	18284	139	1143059	33,5x6x102,8	V1889		139
E7EE 6507B2A	39x8x136,7	V925	18368	136	1143057	28x6x102,4	V1890		139
E7EE 6505B2C	34x8x133,9	V926	18369	136	1760579	27,1x5x96,4	V2045		131
95VW 6507AA	39x7x106	V929	39372	137	1760588	23,1x5x98,2	V2046		131
95VW 6505AA	34,2x7x107	V930	39300	137	1755220	30x5x98,8	V2273	105-35646	134
97MM 6507A2B	26,1x6x97,7	V959	105-35539	131	1800711	24,9x5x99,7	V2274	105-35647	134
98MM 6505A2A	22,1x6x99,7	V960	105-35540	131	FORD DIESEL				
928M 6507E2A	26x6x97,1	V985	105-35549	133	89FF 6507AA	36,5x8x107,1 +0,1d	V613 V613N	18374	143
928M 6505C2A	24,5x6x96,7	V986	105-35550	133	89FF 6507BA	+0,2d	V613.1		143
1053844	27x6x98,2	V987		134	89FF 6507CA	+0,4d	V613.2		143
1053842	24,5x6x97,7	V988		134		+0,5S/+0,6d	V613N1		143
1S4G 6507CA	30x6x99	V1025	181106	133		+0,5L	V613N8		143
1S6C 6505BA	24,1x6x101,5	V1026	181107	131		+0,5L/+0,2d	V613N9		143
97MM 6507B2B	28,1x6x97,4	V1061	105-35541	132	89FF 6505AA	32x8x109,2 +0,1d	V614 V614N	18375	143
98MM 6505B2B	24,1x6x99,4	V1062	105-35542	132		+0,2d	V614.1		143
97MF 6507AA	30x6x96,2	V1063		136	89FF 6505BA	+0,4d	V614.2		143
97MF 6505AA	26x6x98,3	V1064		136		+0,5S/+0,6d	V614N1		143
	35x7x105,6	V1081		140		+0,5L	V614N8		143
	31x8x105,5	V1082		140		+0,5L/+0,2d	V614N9		143
1053845	33x6x98	V1105	181012	137					

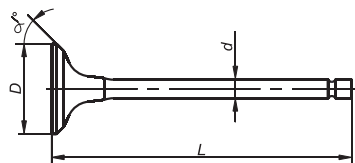
									
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84FM 6507AC	34,9x8x107,3	V615	18146	142	13202-31N01	38x8x117	V1344	S3852	147
84FM 6507BC	+0,2d	V615.1		142	1096250	31,3x7x122,2	V1361	181016	145
84FM 6507CC	+0,4d	V615.2		142	1096248	27,8x7x122,2	V1362	181017	145
	+0,5S/+0,6d	V615N1		142	46518930	21,7x6x109,2	V1413		141
84FM 6505AC	31x8x108,6	V616	3822	142	46518931	21,7x6x109,2	V1414		141
84FM 6505BC	+0,2d	V616.1		142	1229882	25,6x5,5x96,4	V1493	539009	141
84FM 6505CC	+0,4d	V616.2		142	1229883	23,4x5,5x96,6	V1494	539010	141
	+0,5S/+0,6d	V616N1		142	3595890	32,7x7x112	V1515		146
83EM 6507AA	40,4x8,5x116,2	V785	535129	147	3595885	35,6x7x111,8	V1516		146
78EM 6505AA	33,4x8,5x116,2	V786	535130	147	0948.E5	27,2x6x95,8	V1723		144
894F 6507A1B	42x9x124,5	V789	105-35508	146	0949.E1	25x6x95	V1724		144
894F 6505A1B	36,3x9x123,9	V790	105-35509	146	038 109 611F	31,5x7x89,5	V1832		142
83EM 6507BB	42,5x8,5x116	V793	537944	147	FROM 2011	22,45x6x109,2	V1873		141
83EM 6505AB	35,5x8,5x116,3	V794	538210	147	FROM 2011	22,5x6x109,2	V1874		141
028 109 601D	36x7x96,9	V811	39486	142	1685847	30,1x5,5x95,5	V2015		141
	+0,5S	V811N1		142	1685845	27,4x5,5x95,5	V2016		141
028 109 611G	31,4x7x96,9	V812	39487	142	1449108	31x6x112	V2047		146
	+0,5S	V812N1		142	1449109	28x6x112	V2048		146
028 109 601H	36x8x96,8	V821	39423	142	1683701	27,25x6x104,5	V2051		144
	+0,5S	V821N1		142	FORD TRACTOR				
046 109 611F	31,5x8x96,9	V822	33380	142		53,6x10x165	V313	2254	148
	+0,5S	V822N1		142		46,6x10x165,3	V314	2294	148
038 109 601B	36x7x90	V919	331033	142		53,6x10x165	V571	22202	148
	+0,5S	V919N1		142		46,6x10x165,3	V572	22155	148
	+1,0S	V919N3		142	C5NE 6507 A	45,8x9,5x145,9	V1255		147
038 109 611B	31,5x7x90	V920	331034	142	C5NE 6505 A	38,4x9,5x145,9	V1256		147
	+0,5S	V920N1		142	87802256	47,5x9,5x147	V2275		148
	+1,0S	V920N3		142	87802258	43x9,5x146,6	V2276		148
MD 083 661	40x8x136,5	V943	V 3841	146	FSO / DAEWOO				
MD 083 662	34x8x136,5	V944	S 3840	146	4207966	35x8x110	V05		148
RF01-12-111	41x8x107	V1023	V3639	145	4207968	31,5x8x104,6	V06		148
RF01-12-121	36x8x106,8	V1024	S3640	145	LGH10029	27,7x6x89,6	V1329	105-35474	149
112 1333	29,7x7x122,2	V1065	181018	145	LGH10028	24,2x6x90	V1330	105-35475	149
1121332	25,8x7x122,2	V1066	181019	145	FSO / DAEWOO DIESEL				
1113197	36,5x8x107	V1071	181014	143					
	+0,2d	V1071.1		143	93510774	33x8x111,9	V710	537450	149
1198044	32x8x108,7	V1072	181015	143		+0,5S	V710N1		149
	+0,2d	V1072.1		143		+1,0S	V710N3		149
V94DD 6507AA	40,2x8x121	V1167	4077	146	93510415	38,5x8x112,4	V721	531005	149
V94DD 6505AA	34x8x121	V1168	4078	146		+0,5S	V721N1		149
1231931	29,8x6x105	V1179	531021	144		+1,0S	V721N3		149
1231930	25x6x105	V1180	531022	144	GANZ MAVAG				
1145933	32,8x5,5x97,3	V1205	181102	141					
1145932	30,3x5,5x97,3	V1206	181103	141	3 - 90573	84x18x257,5	V501		149
0948.C0	29,9x6x106,2	V1313	531017	144	3 - 90572	70x18x257,5	V502		149
0949.A9	25x6x106,1	V1314	531018	144					
13201-43G01	43,5x6x117	V1343	V3851	147					

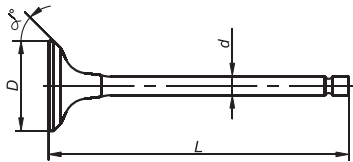
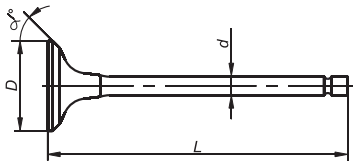
									
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GAZ					HANOMAG				
2401007015B6	42x11x158	V1052		149	423 050 0427	51x12x142,5	V312	1608	153
2401007014B4	48x11x158	V1053		149		+1,0S	V299N3		153
	36x7x151,3	V2415		149	442 050 0026	59x12x142,5	V466	16117	153
	34,2x7x150,3	V2416		149		+0,5S	V466N1		153
						+1,0S	V466N3		153
G.M.C. (U.S.A.)					422 050 0027	51x12x142,5	V467	16116	153
12575793	35,1x6x102,3	V1069	291109	150		+0,5S	V467N1		153
24454518	30,1x6x100,9	V1070	291110	150		+1,0S	V467N3		153
	37x6x105,4	V2229		150		36x10x140,5	V488	16122	152
	30,5x6x107,8	V2230		150		42,8x9x140,5	V489	16109	152
12568411	44,7x8x118,9	V2277		150		+1,0S	V489N3		152
12568412	36,1x8x120,8	V2278		150		36x10x140,5	V490	16106	152
12601763	38,6x6x105,8	V2279		150		+1,0S	V490N3		152
12601762	33,5x6x107,9	V2280		150		44x9x140,5	V505	16136	152
12590771	55x8x123,9	V2281		150		+1,0S	V505N3		152
12582719	40,4x8x124,7	V2282		150		33,2x10x131	V652	2696	151
						+1,0S	V652N3		151
G.M.C. (U.S.A. DETROIT DIESEL)						38,8x10x131,5	V857	2641	151
5195167	30x8x140,5	V417		150		+1,0S	V857N3		151
K9319735	63,5x15,8x268	V434		151		44x9x140,5	V931	1637	152
5106136	35x8x140,5	V462		151		+1,0S	V505N3		152
8928729	45,7x9,5x184,8	V464		151	HILLMAN				
23502345	45,7x8,6x191,6	V465		151	1218394	36,4x8x118,4	V557	105-03081	153
5193197	40,3x8,7x163,7	V494		151	1218383	29,8x8x118,4	V558	105-03290	153
5125917	27,8x6,3x141	V548		150	71262713	38x7,9x109,8	V559	105-35341	154
23518745	44x8,7x216,9	V2267		151	71250985	31,2x7,9x109,8	V560	105-34741	154
23519093	39x8,7x216,4	V2268		151	71262714	V559+0,075d	V561		154
471 050 0426	45x9,5x240	V2269		151	71250986	V560+0,075d	V562		154
471 050 0527	43,5x9,5x246,5	V2270		151	71262715	V559+0,38d	V563		154
472 050 0126	47,2x9,5x240	V2271		151	71250987	V560+0,38d	V564		154
473 050 0127	45,1x9,5x246,6	V2272		151	71262716	V559+0,76d	V565		154
471 050 0927	43x9,5x246,5	V2384		151	71250988	V560+0,76d	V566		154
HANOMAG					1235104	38,2x7,9x118,4	V813		155
	36x10x140,5	V169	1604	152	1235105	30,6x7,9x118,4	V814		155
	+1,0S	V490N3		152	HONDA				
	43x10x150	V297	16008	152	14711— PT2— 000	34x6,6x103,7	V897		157
403 053 0901	59x12x142,5	V298	1606	153	14721— PT2— 000	29x6,6x102,7	V898		157
	+1,0S	V298N3		153	14711— PG6— 000	30x6,6x105,5	V1015	V3436	157
403 050 1027	51x12x142,5	V299	1608	153	14721— PG6— 000	27x6,6x104,6	V1016	S4276	157
	+1,0S	V299N3		153	14711— PT3— A00	34x5,5x112,1	V1435	V4279	159
	54x10x150	V301	1659	152	14721— PT3— A00	29x5,5x123,5	V1436	V4280	159
423 050 0026	59x12x142,5	V311	1606	153	14711— P07— 000	27,4x5,5x120	V1497		155
	+1,0S	V298N3		153	14721— P07— 000	23,4x5,5x117,5	V1498		155
					14711— P0A— 000	34x5,5x116	V1499		158
					14721— P0A— 000	29x5,5x114,2	V1500		158

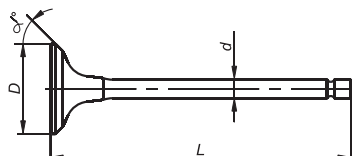
									
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14711-P13-000	35x5,5x106,7	V1501		159	22211-21010	34x6,6x102,1	V1145	V3142	162
14721-P13-000	30x5,5x106,9	V1502		159	22212-21004	30x6,6x100,9	V1146	S3143	162
14711-P08-000	30x5,5x118,7	V1503		157	22211-23000	32x6x102,3	V1159		164
14721-P08-000	26x5,5x116	V1504		157	22212-23000	27,5x6x104,7	V1160		164
14711-PM3-000	29x5,5x115	V1529	V3816	156	22211-26600	29,1x6x91,9	V1507		163
14721-PM3-000	24,9x5,5x118,7	V1530	S3817	156	22212-26000	25x6x92,4	V1508		163
14711-PR3-000	33x5,5x102,3	V1641		157	22211-02500	23x5,5x100,3	V1509	761001	162
14721-PR3-000	27,9x5,5x102,3	V1642		157	22212-02500	27,1x5,5x100,1	V1510	761002	162
14711-PNA-000	35x5,5x109,1	V1665		160		31x6,6x100,9	V1619	V4324	163
14721-PNA-000	29,9x5,5x108,5	V1666		160		33x6,6x101	V1620	S3374	163
14711-RNA-000	32x5,5x116,7	V1682		158	22211-37201	32x6x96,2	V1657		165
14711-PWA-000	32x5,5x118,3	V1717		155	22212-37200	27,5x6x97,3	V1658		165
14721-PWA-000	28x5,5x118	V1718		155	22211-23600	32x6x114,4	V1735		164
14711-P75A00	31x6,6x105,6	V1891	721001	158	22212-23600	27,5x6x116,7	V1736		164
14721-P75A00	28x6,6x106	V1892	721002	158	22211-23100	30x6x102,9	V1737		163
14711-RB0-000	28x5,5x119	V2059		155	22212-23100	25,5x6x105,3	V1738		163
14721-RB0-000	23x5,5x117,6	V2060		155	22211-2B000	31,5x5,5x93,2	V1739		163
14711-R60-U00	33x5,5x117,9	V2061		158	22212-2B000	26x5,5x92,6	V1740		163
14721-P2A-U00	26x5,5x115,9	V2062		158	22211-02200	23,5x5,5x99,6	V1751		162
14711-P8E-A00	35x5,5x116	V2283		160	22212-02200	27x5,5x99	V1752		162
14721-P8E-A00	30x5,5x114,2	V2284		160	22211-03200	26,7x5,5x101,15	V1893		162
14711-PCX000	35,9x5,5x109,7	V2285		159	22212-03200	24,2x5,5x101,4	V1894		162
14721-PCX000	31x5,5x108,7	V2286		159	22211-04000	26,8x5,5x93	V2065		162
14711-R40-A00	36x5,5x108,7	V2287		160	22212-04000	24,1x5,5x93,4	V2066		162
HONDA DIESEL					22211-2G000	35x5,5x113,3	V2067		165
0949.73	33x8x111,9	V710	537450	161	22212-25002	29x5,5x106	V2068		165
	+0,5S	V710N1		161	HYUNDAI DIESEL				
	+1,0S	V710N3		161	22212-29000	33x8x111,9	V710	537450	166
0948.59	38,5x8x112,4	V721	531005	161		+0,5S	V710N1		166
	+0,5S	V721N1		161		+1,0S	V710N3		166
	+1,0S	V721N3		161	22211-29000	38,5x8x112,4	V721	531005	166
14711-PLZ-D00	27,4x6x98,5	V977	291030	161		+0,5S	V721N1		166
14721-PLZ-D00	26,5x6x98,1	V978	291031	161		+1,0S	V721N3		166
14711-P5T-G01	37,2x7x86,7	V1333	801005	161	MD 083661	40x8x136,5	V943	V3841	167
14721-P5T-G01	32,5x7x86,7	V1334	801006	161	MD 083662	34x8x136,5	V944	S3840	167
14711-RBD-E00	28x5,5x100,7	V1719		161	22211-42200	42x8x136,1	V1213		167
14721-RBD-E00	26x5,5x100,4	V1720		161	22212-42200	36x8x136,1	V1214		167
14711-RL0-G00	28x5,5x99	V2063		161	22211-27000	28,5x6x95,7	V1395		166
14721-RL0-G50	26x5,5x99	V2064		161	22212-27000	24,4x6x95,4	V1396		166
HYUNDAI					22211-42520	40x8x130,1	V1405	821000	168
22211-33000	34x6,5x109,6	V927	761003	164	22212-42520	34x8x129,9	V1406	821001	168
22212-33000	30,5x6,5x109,6	V928	761004	164	OK0551-12111A	34x7x126,2	V1659		168
22211-22003	27,5x6x99	V1041	761010	162	OK0551-12121A	31,5x7x126,1	V1660		168
22212-22011	32x6x98,4	V1042	761011	162	22211-2A100	26,1x5,5x93,1	V1741		165
					22212-2A100	21x5,5x93,7	V1742		165

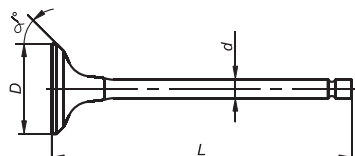
									
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HYUNDAI DIESEL					IMR				
22211-4A061	31,7x7x110,5	V1845		167	717 664	36,6x9,5x123,3	V200		170
22212-4A061	28x7x110,5	V1846		167		+0,3S	V200N		170
22211-2F000	29x6x108,5	V2069		166		+0,5S	V200N1		170
22212-2F000	26x6x108,3	V2070		166		+0,8S	V200N2		170
						+1,2S	V200N3		170
						+0,5S/+0,2d	V200N5		170
						+0,5d	V200N6		170
						+0,2d	V200N7		170
						+1,2S/+0,5d	V200N9		170
1-04101-0305	55,9x12x148,9	V303	2554	168	719 407	43x8x114,9	V261		171
1-04101-0273	48,9x12x148,5	V304	2530	168	719 408	36x8x114,8	V262		171
1-04101-0302	58x12x148,9	V405	2505	169	717 506	39x8x114,3	V263		169
1-04101-0303	51,9x12x148,5	V406	2510	169		+0,3S	V263N		169
10 04101 0008	50x11x166,5	V420		168		+0,5S	V263N1		169
10 04101 0009	48,5x11x166,5	V421		168		+0,8S	V263N2		169
10 04101 0004	50x11x166	V1299		168		+1,0S	V263N3		169
	+1,0S	V1299N3		168	717 505	33,4x8x114,3	V264		169
10 04101 0005	48,5x11x166	V1300		168		+0,3S	V264N		169
	+1,0S	V1300N3		168		+0,5S	V264N1		169
						+0,8S	V264N2		169
						+1,0S	V264N3		169
					732 917	44,3x9,5x122,9	V576		170
						+0,3S	V199N		170
						+0,5S	V199N1		170
						+0,8S	V199N2		170
						+1,2S	V199N3		170
						+0,5S/+0,2d	V199N5		170
						+0,5d	V199N6		170
						+0,2d	V199N7		170
						+1,2S/+0,5d	V199N9		170
					732 916	36,6x9,5x123,3	V577		170
						+0,3S	V200N		170
						+0,5S	V200N1		170
						+0,8S	V200N2		170
						+1,2S	V200N3		170
						+0,5S/+0,2d	V200N5		170
						+0,5d	V200N6		170
						+0,2d	V200N7		170
						+1,2S/+0,5d	V200N9		170
					INFINITI				
						37,2x6x96,5	V2429		171
						31,5x6x94	V2430		171

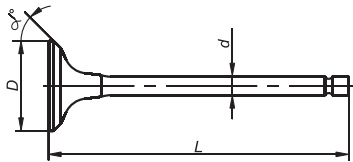
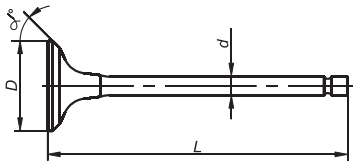
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INNOCENTI				
4 239 917	36x8x108,5	V152	17002	171
4 315 062	31x8x109	V153	17001	171
4 265 695	29x7x95,3	V257	17004	171
4 266 321	26x7x95,7	V258	17021	171
7 609 772	37,5x8x108,5	V411	17073	172
13711-87701	36x7x101,6	V1141	V3573	171
13715-87701	33x7x101,6	V1142	S3574	171
INNOCENTI DIESEL				
5 990 532	37,5x8x116,8	V733	17065	172
5 990 533	33,5x8x117	V734	17079	172
13711-87706	34x7x105	V1305		172
13715-87705	30x7x105	V1306		172
13711-87704	36x7x105	V1347	V3577	172
13715-87703	32x7x105	V1348	S3578	172
INTERNATIONAL HARVESTER CASE (CNH)				
795 730 R1	44,3x9,5x122,9	V199		174
	+0,3S	V199N		174
	+0,5S	V199N1		174
	+0,8S	V199N2		174
	+1,2S	V199N3		174
	+0,5S/+0,2d	V199N5		174
	+0,5d	V199N6		174
	+0,2d	V199N7		174
	+1,2S/+0,5d	V199N9		174
795 729 R1	36,6x9,5x123,3	V200		174
	+0,3S	V200N		174
	+0,5S	V200N1		174
	+0,8S	V200N2		174
	+1,2S	V200N3		174
	+0,5S/+0,2d	V200N5		174
	+0,5d	V200N6		174
	+0,2d	V200N7		174
	+1,2S/+0,5d	V200N9		174
682 952 C1	43,3x11x187	V328		177
685 278 C1	43,3x11x187	V329	105-03366	177

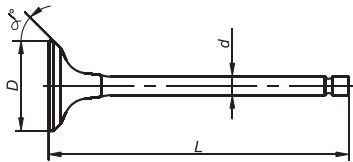
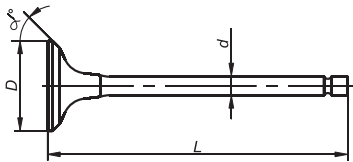
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ORIGINALE No	D x d x L	AV No	TRW No	
INTERNATIONAL HARVESTER CASE (CNH)				
	44,3x9,5x122,9	V343	105-03365	174
	+0,075d	V343.1		174
	+0,4d	V343.2		174
	+0,3S	V343N		174
	+0,5S	V343N1		174
	+0,8S	V343N2		174
	+1,2S	V343N3		174
	+0,5S/+0,2d	V343N5		174
	+0,5d	V343N6		174
	+0,2d	V343N7		174
	+1,2S/+0,5d	V343N9		174
	36,6x9,5x123,3	V344	105-03366	174
	+0,075d	V344.1		174
	+0,4d	V344.2		174
	+0,3S	V344N		174
	+0,5S	V344N1		174
	+0,8S	V344N2		174
	+1,2S	V344N3		174
	+0,5S/+0,2d	V344N5		174
	+0,5d	V344N6		174
	+0,2d	V344N7		174
	+1,2S/+0,5d	V344N9		174
	43x8x133	V384	22001	176
	+0,3S	V384N		176
	+0,5S	V384N1		176
	+0,8S	V384N2		176
	37x8x133	V385	2293	176
	+0,3S	V385N		176
	+0,5S	V385N1		176
	+0,8S	V385N2		176
675 406 C2	50,1x9,5x147	V529	V3053X	176
676 865 C2	40,6x9,5x147	V530	AS3052	176
	43x8x133	V569	22199	176
	37x8x133	V570	22165	176
	43x8x133	V649	22200	176
	45,5x9x145	V1043	160054	176
	+1,0S	V1043N3		176
	41x9x145	V1044	160055	176
	+1,0S	V1044N3		176
	45x8x133	V1048	22306	176
	17x8x87	V1068		176
	+0,2d	V1068N		176
	44,2x9,5x122,8	V1941	05-35608	175
	42,1x9x145	V1942	16205	176
	+1,0S	V1942N3		176

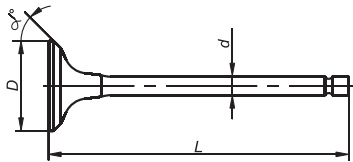
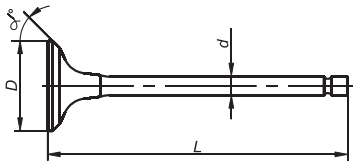
									
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INTERNATIONAL HARVESTER CASE (CNH)					IVECO				
3055055R2	43x10x146	V1977	648207	173	8 824 754	48,4x8x137,7 +0,5S	V225 V225N1	17070	186
3055056R2	41x10x146	V1978	648208	173	8 830 045	40,8x8x137,7 +0,5S	V226 V226N1	17072	186
1823875C2	45,4x9,4x152,2	V2289		176	8 823 545	42,9x8x137,7	V228	17044	185
1824840C1	45,4x9,4x152,3	V2290		176	8 823 549	36,4x8x137,8	V229	17045	185
1818580C1	50x8x147,1	V2291		176	4 659 379	43,9x8x125,8 +0,3S	V321 V321N	17042	181
1824838C1	45,4x8x152,3	V2292		176		+0,5S	V321N1		181
8C3Z6507A	34x7x130,4	V2293		176		+1,0S	V321N2		181
8C3Z6505A	29,5x7x130,5	V2294		176		+1,5S	V321N4		181
1839968C1	39,8x7,9x147,9	V2295		176	4 673 608	36,9x8x125,6 +0,3S	V322 V322N	17043	181
1842145C2	36,5x7,9x147,6	V2296		176		+0,5S	V322N1		181
713384R2	36x8,7x147,6	V2399	6444	172		+1,0S	V322N2		181
713385R2	32x8,7x147,5	V2400	6445	172		+1,5S	V322N4		181
	45,5x9x144,9	V2409	16204	176	7 301 820	41x8x120,7 +1,0S	V326 V326N3	17062	179
ISUZU					7 301 821	34,4x8x122 +1,0S	V327 V327N3	17063	179
641 022	32x6x102,1	V511	29375	177	99 432 652	45,5x8x125,7 +0,5S	V447 V447N1	17075	183
641 325	29x6x92,2	V512	29354	177		+0,8S	V447N2		183
	34x6x99	V1373		177	99 432 717	37,5x8x125,7 +0,5S	V448 V448N1	17076	183
	30x6x100,5	V1374		177		+0,8S	V448N2		183
8943958822	37x8x130,6	V2297		177	4 813 760	41x8x122 +0,5S	V470 V470N1	17080	180
8972098763	37x8x130,2	V2298		177		+1,0S	V470N3		180
8973096751	33x7x107,5	V2299		177	7 303 309	34,5x8x122 +0,5S	V471 V471N1	17081	180
8973096771	30x7x107,5	V2300		177		+1,0S	V471N3		180
ISUZU DIESEL					98 480 846	59x11x170	V519	171021	189
8-94326-843-0	34,6x7x104,1	V671	V 3333	177	99 452 179	49x11x170	V520	171022	189
8-94110-017-3	30,6x7x104	V672	V 3334	177	4 895 187	45x8x129,1 +0,2d	V527 V527N5		185
9-94464-921-0	40,1x8x118,1	V1191	V 3825	178		+0,4d	V527N6		185
9-94433-245-0	35,7x8x118,1	V1192	V3226	178	4 895 188	42x8x129,1 +0,2d	V528 V528N5		185
13201-43G01	43,5x8x117	V1343	V3851	178		+0,4d	V528N6		185
13202-31N01	38x8x117	V1344	S3852	178	4 797 715	51,5x10x156,7	V537	17077	189
641049	34x6x103,8	V1649		178	4 704 215	45x10x156,6	V538	17051	189
641360	29x6x103,5	V1650		178	98 468 338	43,5x8x122 +1,0S	V679 V679N3	171015	180
8-97137-154-0	33x7x98,2	V1895		178		+1,0S	V680		180
8-97137-155-1	33x7x98,1	V1896		178	98 418 161	36,5x8x122 +1,0S	V680N3	171016	180
8-97309-675-1	33x7x107,6	V2005		178					
8-97309-677-1	30x7x107,6	V2006		178					
8971317290	42,1x8x117,6	V2365		178					
8970438612	35,7x8x117,6	V2366		178					
1125510304	48x10x159	V2367		179					
1125520630	46,1x10x131,9	V2368		179					

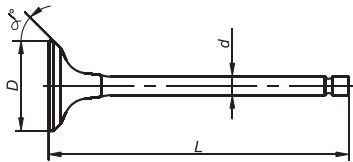
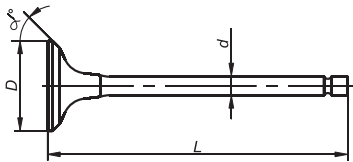
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IVECO				
99 432 837	35,9x8x122 +1,0S	V681 V681N3	171055	180
4 733 349	32,9x8x122	V966	17032	179
504069199	30x6x120,4	V1237		179
500362856	30x6x120,4	V1238		179
4 895 052	33x7x124,7 +0,5S	V1297 V1297N1		183
	+0,8S	V1297N2		183
	+0,2d	V1297N5		183
4 895 051	33x7x124,3 +0,5S	V1298 V1298N1		183
	+0,8S	V1298N2		183
	+0,2d	V1298N5		183
500355778	47x10x199,2	V1443	171111	188
500355780	46x10x197,9	V1444		188
4 849 522	57,5x11x171	V1481		189
4 673 862	57,5x11x170	V1521	438317	189
4 673 861	48x11x170	V1522	438319	189
99456803	40x8x174,5	V1531	171070	187
99457210	39x8x173,3	V1532	171071	187
504042366	43x9x202,9	V1533	171072	188
504042367	42x9x201,6	V1534	171073	188
98497235	46x9x141,2	V1535	171019	185
99433902	38,3x9x141,2	V1536	171020	185
98448462	47x9x142	V1695	171017	185
99438924	42,5x9x142,3	V1696	171018	185
504072531	32,4x6x119,9	V1697		182
504081062	32,4x6x119,9	V1698		182
4 757 358	41x8x121,9	V1885	17031	179
61320722	49,5x9x147,3	V1965	17165	187
61321255	43x9x146	V1966	171121	187
	46x9x141	V2161		185
	38,3x9x141	V2162		185
4 899 632	42x8x130,5 +0,2d	V2304 V2304N5		185
	+0,4d	V2304N6		185
500327442	36,7x8x122	V2402		180
JMZ (JaMZ) – JAROSLAVSKI MOTORNI ZAVOD				
236–1007010–52	60x12x156,1	V1283		189
236–1007015–55	48x12x155,6	V1284		189
	51,5x10x160,7	V1441		189
	+0,3d	V1441.1		189

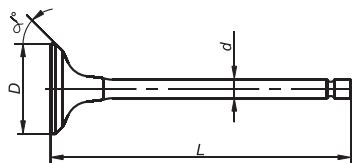
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JMZ (JaMZ) – JAROSLAVSKI MOTORNI ZAVOD				
	46,3x10x160,7 +0,3d	V1442 V1442.1 V2419		189
	55x12x156,6			190
JAGUAR				
XR822776	35x5,5x92,5	V2301		190
AJ810106	30x5,5x91,7	V2302		190
EAC 1547	44,5x7,9x105,5	V2385	105–35091	190
EAC 1548	41,3x7,9x103,7	V2386	105–35368	190
JAGUAR DIESEL				
0948.E5	27,2x6x95,8	V1723		190
0949.E1	25x6x95	V1724		190
JEEP				
53020747AB	48,7x7x113,8	V1397		191
53020748	37x7x115,4	V1398		191
33003515	48,5x8x124,7	V1445		191
33003860R	38,1x8x125,5	V1446		191
53010512AA	48,5x8x124,7	V1667		190
53010513AA	38x8x125,5	V1668		190
0948F2	35x5,5x113,2	V2253		190
0949E7	29x5,5x105,8	V2254		190
53021550AA	50,8x8x125,2	V2255		191
53021551AA	39,4x8x123,1	V2256		191
JEEP DIESEL				
7701 462 232	40,2x8x111,6	V863		191
7701 461 339	33,3x8x111,6	V864		191
3143 1491	40,5x8x114,6	V877	2048	192
3142 A031	35,5x8x114,5	V878	2049	192
05073735	30,1x7x104 +1,0L	V1055 V1055N5		192
05073737	28,4x7x104,4 +1,0L	V1056 V1056N5		192
04720146	40,2x8x121	V1167	4077	192
04720148	34x8x121	V1168	4078	192
68001582AA	29,2x6x87,8	V1607	331121	191
68001583AA	25,4x6x87,5	V1608	331122	191
05066770AA	32,4x6x109	V1645		192
05066769AA	30,9x6x108,3	V1646		192
05175396AA	28,5x6x102,3	V1743		192
05175397AA	25,4x6x102,3	V1744		192
K68027469AA	31,8x6x107,6	V1745		193
K68027470AA	29,2x6x107,8	V1746		193

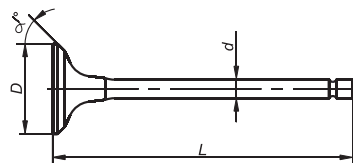
									
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JOHN DEERE					KIA				
R50 358	43,6x9,45x157,3	V531		194	0K247 12111	31,5x6x102,9	V1385		198
	+0,08d	V531.1		194	0K247 12121	27x6x101,5	V1386		198
	+0,2d	V531N		194	22211-26600	29,1x6x91,9	V1507		197
	+0,4d	V531N1		194	22212-26000	25x6x92,4	V1508		197
	+0,5d	V531N2		194	OK- 30E- 12111	27,8x5,5x96,4	V1601		197
R50 357	43,6x9,45x157,7	V532		194	OK- 30E- 12121	24,9x5,5x95,5	V1602		197
	+0,08d	V532.1		194	22211-37201	32x6x96,2	V1657		198
	+0,2d	V532N		194	22212-37200	27,5x6x97,3	V1658		198
	+0,4d	V532N1		194	22211-23600	32x6x114,4	V1735		198
	+0,5d	V532N2		194	22212-23600	27,5x6x116,7	V1736		198
R84 618	51x9,45x154	V843		195	22211- 2B000	31,5x5,5x93,2	V1739		197
	+0,25d	V843N		195	22212-2B000	26x5,5x92,6	V1740		197
	+0,5d	V843N1		195	OK30C- 12111	37,1x6,5x105,1	V1747		197
R84 619	47x9,45x157	V844		195	OK30C- 12121	31,6x6,5x103,4	V1748		197
	+0,25d	V844N		195	OK9BV-12111A	31,5x6x89,8	V1749		199
	+0,5d	V844N1		195	OK9BV- 12121	27,6x6x90,1	V1750		199
	51,6x11x168,7	V845		196	22211-02200	23,5x5,5x99,6	V1751		196
	47,6x11x169	V846		196	22212-02200	27x5,5x99	V1752		196
R43 883	48,3x9,45x156,3	V871		195	MB30112111	32x7x105,3	V1851		196
R43 679	43,6x9,45x155,9	V872		195	KK15012121	28x7x104,2	V1852		196
R43 914	44,5x9,45x155,7	V873		195	22211-03000	26,7x5,5x101,15	V1893		197
R44 174	48,3x9,45x158,6	V875		196	22212-03000	24,2x5,5x101,4	V1894		197
R44 175	43,6x9,45x158,3	V876		196	K95412111	33,7x6x103,4	V1897		198
CDX 0881	45x9,5x131	V1295	4245	193	K01312121	28,9x6x104	V1898		198
	+0,5S	V1295N1		193	K930- 12111	38x7x103,7	V1899		199
	+0,2d	V1295N5		193	K930- 12121	32x7x102,8	V1900		199
CDX 0634A	40x9,5x131	V1296	4246	193	22211-04000	26,8x5,5x93	V2065		196
	+0,5S	V1296N1		193	22212-04000	24,1x5,5x93,4	V2066		196
	+0,2d	V1296N5		193	22211-2G000	35x5,5x113,3	V2067		198
R 518 806	37x7x135,7	V2221		195	22212-25002	29x5,5x106	V2068		198
R 524 875	35,9x7x135,5	V2222		195	22211-35520	34,9x6,5x106,3	V2311		199
R 122 035	46,5x9x196	V2303		196	22212-35500	30,5x6,5x105,5	V2312		199
R 502 454	37x7x123,6	V2305		194	22211-3E000	33,1x6x110,4	V2313		199
R 502 455	34x7x122	V2306		194	22212-3E000	27,5x6x111,5	V2314		199
R 520 223	40x8x162,4	V2307		196	22211-3C100	36,1x5,5x105,3	V2315		199
R 520 224	40x8x162,4	V2308		196	22212-3C100	31x5,5x105,5	V2316		199
R 527 333	36,5x7x135,7	V2423		195					
R 532 049	35,4x7x135,4	V2424		195					
KIA					KIA DIESEL				
22211-33000	34x6,5x109,6	V927	761003	198	RF01- 12- 111	41x8x107	V1023	V3639	201
22212-33000	30,5x6,5x109,6	V928	761004	198	RF01- 12- 121	36x8x106,8	V1024	S3640	201
OB657-12111	31x6x105,4	V1143		197	22211-27000	28,5x6x95,7	V1395		200
OK938-12121	26,2x6x105,4	V1144		197	22212-27000	24,4x6x95,4	V1396		200
OK2NC- 12111	29,2x5,5x96,2	V1239		198	22211-42520	40x8x130,1	V1405	821000	201
OK2NC- 12121	25,8x5,5x95	V1240		198	22212-42520	34x8x129,9	V1406	821001	201
					OK054- 12111	39,4x8x106,8	V1511		201

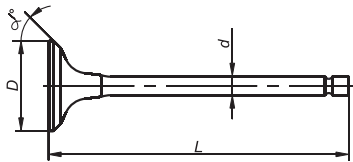
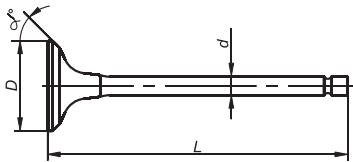
									
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KIA DIESEL					KLOECKNER-HUMBOLDT DEUTZ				
K054— 12121	35,1x8x106,7	V1512		201	415 3697	37x8x133	V385A	2256	206
OK05511— 2111A	34x7x126,2	V1659	751001	201		+0,3S	V385N		206
OK05511— 2121A	31,5x7x126,1	V1660	751002	201		+0,5S	V385N1		206
	44x8,5x112,7	V1671		200		+0,8S	V385N2		206
	37,3x8,5x112,8	V1672		200	415 9136	43x8x133	V569	22199	207
22211— 2A100	26,1x5,5x93,1	V1741		199	415 9137	37x8x133	V570	22165	206
22212— 2A100	21x5,5x93,7	V1742		199	418 5770	53,6x10x165	V571	22202	214
22211— 4A000	31,7x7x110,5	V1753		201	418 5461	46,6x10x165,3	V572	22155	214
22212— 4A000	28x7x110,5	V1754		201	418 5463	53,6x10x165,8	V578	22183	214
22211— 4A061	31,7x7x110,5	V1845		201	418 5462	56,6x10x165,5	V610	22182	215
22212— 4A061	28x7x110,5	V1846		201	415 9138	43x8x133	V649	22200	206
22211— 2F000	29x6x108,5	V2069		200	423 0567	43x8x133	V650	22163	206
22212— 2F000	26x6x108,3	V2070		200	415 9140	43x8x133	V677	22162	208
22211— 41001	44x8,9x136,8	V2317		201	242 5052	53,6x10x165,7	V804		212
22212— 45000	37,1x8,9x136,9	V2318		201	415 3455	43x8x133	V807	22104	206
KLOECKNER-HUMBOLDT DEUTZ					423 1479	45x8x133	V1048	22306	208
335 8980	44,6x10x170	V09	2244	211	0417 0898	40,1x8x124,7	V1261	22149	202
335 8981	41,6x10x170	V10	2236	211		+0,2d	V1261N		202
336 9307	44,6x12x170	V41	2273	210	0417 0899	34,9x8x124,7	V1262	22150	202
336 9308	41,6x12x170	V42	2274	210		+0,2d	V1262N		202
415 3773	43x8x133	V216	2282	203	0417 0491	40,5x8x124,9	V1375	22143	202
	+0,3S	V384N		203		+0,2d	V1375N		202
	+0,5S	V384N1		203	0420 8095	41,7x8x124,7	V1399	22244	202
	+0,8S	V384N2		203	0420 8096	35,9x8x124,7	V1400	22247	202
337 1762	37x8x133	V217	2293	203	0428 0350	41,1x8x124,6	V1447		202
	+0,3S	V385N		203		0,2d	V1447N5		202
	+0,5S	V385N1		203	0428 0049	35,4x8x124,6	V1448		202
	+0,8S	V385N2		203		+0,2d	V1448N5		202
414 6226	53,6x10x165	V313	2254	212	0420 4014	48x9x139	V1525	22221	208
241 2165	46,6x10x165,3	V314	2294	212	0420 4015	42x9x139	V1526	22220	208
214 8907	46,6x10x165,3	V314A	22105	213	422 6413	46x8x133	V1631	22209	215
415 3629	43x8x133	V384	22001	205	422 6412	42x8x133	V1632	22210	215
	+0,3S	V384N		205	0425 4934	41,7x8x119,5	V1823	22302	204
	+0,5S	V384N1		205	0425 4285	35,9x8x119,5	V1824	22305	204
	+0,8S	V384N2		205	0490 0685	38,2x8x145,7	V1825		210
415 3631	43x8x133	V384A		206	0490 0686	35,9x8x145,7	V1826		210
	+0,3S	V384N		206	0425 4232	34,7x8x114,1	V1935	22304	204
	+0,5S	V384N1		206	0425 4233	33,4x8x157	V1936	22301	204
	+0,8S	V384N2		206		42x9x117,2	V1937		208
415 3696	37x8x133	V385	2293	205		38x9x117	V1938		208
	+0,3S	V385N		205	1215 9602	38x9x117	V1938		208
	+0,5S	V385N1		205	0428 5985	44,5x8x121,2	V1971	22307	204
	+0,8S	V385N2		205	0428 5986	38,8x8x121,2	V1972	22308	204
					0412 2261	42x8x116,3	V2073	22319	204
					0412 2262	35x8x116,3	V2074	22320	204
					0428 4042	41,7x8x121,2	V2075	22325	204
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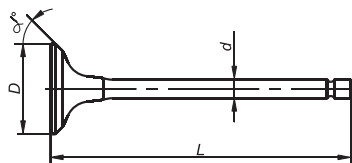
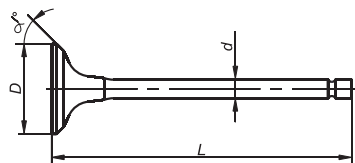
									
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0428 3708	48x9x135,5	V2079	22314	209		+0,5S	V721N1		218
0428 3709	42x9x135,5	V2080	22315	209		+1,0S	V721N3		218
0490 5791	38,2x8x145,8	V2081	22318	210	0948.63	38,5x8x112,4	V721A	537 708	219
4131597	41,5x8x112,4	V2309		203		+0,5S	V721N1		219
4131598	35,4x8x112,1	V2310		203		+1,0S	V721N3		219
KOMATSU					0949.60	33x8x111,9	V722	537 747	218
6127-41 4113	56,2x11x212,5	V517		216		+0,5S	V722N1		218
6127-41 4214	53,1x11x212,5	V518		216		+1,0S	V722N3		218
KÜHLA AUTOMAT					0948.74	37x7x108,5	V1089	537 627	218
489298 142	65x14x260	V503		216		+0,5S	V1089N1		218
489298 144	65x14x206	V504		216	0949.80	31,5x7x108,2	V1090	537 628	218
KUBOTA						+0,5S	V1090N1		218
	32,9x8x100,9	V1677		217	LANCIA				
	26,8x8x101	V1678		217	4 460 697	36x8x108,5	V152	17002	226
1689613110	33,4x8x102,3	V2181		217	4 314 869	31x8x109	V153	17001	222
1689613120	28,5x8x102,2	V2182		217	4 265 695	29x7x95,3	V257	17004	219
	26x6x76,8	V2215		216	4 377 979	26x7x95,7	V258	17021	219
	22,5x6x76,8	V2216		216	7 609 772	37,5x8x108,5	V411	17073	222
1C01013113	30,9x7x101,2	V2319		216	5 973 128	31x8x109	V412	17001	222
1C01013122	34x8x112,5	V2320		216	5 973 129	33,2x8x109	V506	17024	227
1G67313110	31x7x89,7	V2321		216	7 574 379	34,4x7x128	V705	17082	224
1G67313120	27,5x7x89,8	V2322		216	7 598 073	28,5x7x125,7	V706	17083	224
	31x7x89,5	V2411		216	7 712 114	30,3x7x110,4	V727	171034	223
	27,5x7x89,5	V2412		216	46 413 334	35,5x7x110,4	V728	171033	223
LADA					7 766 564	33,5x7x113	V729	171006	223
2101-1007010	37x8x113	V223	105-34631	217	7 766 565	28x7x108,4	V730	171004	223
2101-1007012	31,5x8x113	V224	105-34632	217	7 666 228	30,4x7x97,1	V731	17054	219
21081-1007010	35x8x104	V457	17090	217	7 666 227	27,5x7x97,2	V732	17055	219
2108-1007012	31,5x8x104	V458	17092	217	7 617 500	39,5x8x108,5	V735	17089	227
2108-1007010	37x8x104	V770	17091	217	46 462 158	30,3x7x102,5	V825	171036	222
642 758	33x7x105	V835	29185	218	46 462 159	29,8x7x102,8	V826	171043	222
642 858	29x7x105	V836	29186	218	91 540 748	34,6x7x106,4	V909	537131	226
2112-1007010	29,3x7x96,2	V1049		218	91 540 782	29,6x7x105,7	V910	537132	226
2112-1007012	25,5x7x97,2	V1050		218	7 547 400	43,5x8x105,6	V945	17056	224
LADA DIESEL					5 975 341	36,2x8x105,9	V946	17010	224
0949.73	33x8x111,9	V710	537 450	218	7 735 898	30x7x113	V963	171005	222
	+0,5S	V710N1		218	7 735 899	26x7x108,5	V964	171003	222
	+1,0S	V710N3		218	9605 9361	42,6x8x108,8	V997	157579	226
					9611 7828	34,5x8x108,4	V998	530001	226
					46 403 681	26,9x6x95,2	V1007	17236	220
					46 471 639	22,4x6x96	V1008	171035	220
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					96239503	33,3x6x106,2	V1091	531010	225

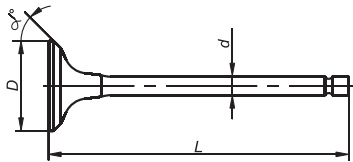
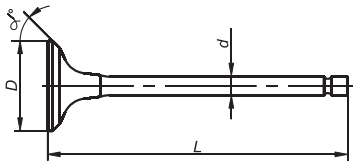
									
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96360017	28,9x6x103,6	V1092	531011	225	55205183	24,5x5x114,4	V1596		229
608 10 666	35,6x7x102,1	V1181	56014	228	55205125	26,5x5x114,4	V1680		229
608 10 667	31,1x7x102,3	V1182	56126	228	0948.E5	27,2x6x95,8	V1723		232
96 2894 33	34,6x6x106,3	V1183	537006	226	0949.E1	25x6x95	V1724		232
96 2986 11	29,6x6x105,7	V1184	533033	226	K68027469AA	31,8x6x107,6	V1745		232
96304413	35x6x108,4	V1247	531015	228	K68027470AA	29,2x6x107,8	V1746		232
96401813	30,5x6x106,9	V1248	531016	228	55204574	22,45x6x109,2	V1873		229
7 687 459	27,5x7x128	V1389	171011	225	55223836	22,5x6x109,2	V1874		229
7 687 460	29,5x7x125,5	V1390		225	55190248	27,9x5x114,2	V2025		230
55185028	26,9x6x95,2	V1451		221	55190249	24,9x5x114,2	V2026		230
55185080	22,4x6x94,7	V1452		221	LAND ROVER				
55194993	31,9x5x98,4	V1555		220	1134 1 736 549	34,9x6x104,1	V1281	11539	233
55194994	27,3x5x98,7	V1556		220	1134 1 741 231	30,4x6x103,6	V1282	11897	233
55194219	33,2x5x99,9	V1621		221	12911A82000	36x7x115,5	V1307	V3663	233
55200422	28x5x100,5	V1622		221	12915A82050	30x7x114,5	V1308	S3664	233
55225886	26,8x6x95,2	V2021		221	LGH 10029	27,7x6x89,6	V1329	105-35474	233
55225887	23x6x94,9	V2022		221	LGH 10064	31,5x6x89,6	V1331	801003	233
55229666	30,15x5x95,5	V2023		222	LGH 10065	27,5x6x90	V1332	801004	233
55231897	25,4x5x95,3	V2024		222	ETC 4067	44,5x7,9x111,4	V1901		233
LANCIA DIESEL					ETC 5866	34,3x8,7x111,4	V1902		233
7 301 820	41x8x120,7 +1,0S	V326 V326N3	17062	232	LAND ROVER DIESEL				
7 302 157	34,4x8x122 +1,0S	V327 V327N3	17064	232	STC2156	35,9x6x103,7	V939	11732	233
7 547 158	37,5x8x116,5	V707	17060	231	STC2149	30,9x6x103,5	V940	11682	233
7 588 577	33,5x8x116,5	V708	17061	231	LGH 101450	26x6x99,9	V994	11113	234
5 990 532	37,5x8x116,8	V733	17065	231	AEU 2296L	40,2x8x121	V1167	4077	235
5 990 533	33,5x8x117	V734	17079	231	LGH 10041	34x8x121	V1168	4078	235
7 798 620	37,5x8x114,2	V1031	171013	230	LGH 100990	37,2x7x86,7	V1333	801005	234
7 783 225	31x8x114,2	V1032	171014	230	LGH 100980	32,5x7x86,7	V1334	801006	234
608 14 605	35,5x8x115	V1033	171061	229	ERR 1157	39,5x8x116,5	V1647	105-35476	235
608 14 604	34,5x8x115	V1034	171062	229	ERR 1156	36,5x8x116,5	V1648	105-35477	235
96247742	35,6x6x107,1	V1085	531003	231	0948.E5	27,2x6x95,8	V1723		234
96247745	33,8x6x107,1	V1086	531004	231	0949.E1	25x6x95	V1724		234
0948.68	33,9x8x122,3	V1095	537575	232	1311281	27,7x6x97,1	V1725		235
0949.68	33,9x8x121,9	V1096	537555	232	1316137	25,2x6x96,4	V1726		235
96271843	29,8x6x105	V1179	531021	232	ERR 6611	34,7x7x105,3	V1731		234
96344375	25x6x105	V1180	531022	232	ERR 6612	31,7x7x105,3	V1732		234
96353179	29,9x6x106,2	V1313	531017	232	ERR 3777	38,9x8x116,3	V1903		235
96353184	25x6x106,1	V1314	531018	232	LGH 000030	39,9x8,7x117	V2323		234
46518930	21,7x6x109,2	V1413		228	LGH 000040	24,3x8,7x117	V2324		234
46518931	21,7x6x109,2	V1414		228	4646005	34,8x5x105,3	V2325		235
46802049	27,8x6x114,4	V1415		230	4646004	30,9x5x105,1	V2326		235
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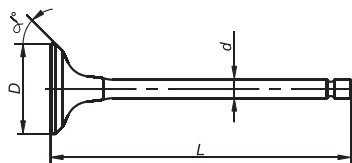
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13715-70080	25x5x91,8	V1906		236
13711-20020	34x5,5x95,3	V2145		236
13715-20020	27,3x5,5x95,3	V2146		236
13711-46021	33,5x6x98,6	V2327		236
13715-46020	29x6x99,1	V2328		236
13711-50060	34,5x5,5x95,1	V2329		236
13715-50060	29x5,5x95,1	V2330		236
13711-31100	38x5,5x105,9	V2331		236
13715-31120	32x5,5x110,4	V2332		236
LEXUS DIESEL				
13711- 0R010	30,1x6x104,3	V1661		236
13715- 0R010	27x6x104,1	V1662		236
LEYLAND				
10618846	45,7x8,7x145,9	V377		236
10618851	42,8x8,7x145,9	V378		236
LIAZ				
442.1 1209 0145	57x12x163,8	V201		237
61 2 4095	43x10x164,6	V324		236
61 2 3919	43x10x164,6	V325		236
442.1 1209 0155	50x12x163,8	V472		237
LIEBHERR				
9279578	52,2x10x146,5	V1171		237
9279579	48,9x10x146,5	V1172		237
10136752	43,5x9x156,8	V2425		237
10136753	39x9x157	V2426		237
LOMBARDINI				
276-9652-015	40x9x111,9	V240		239
276-9685-019	35,5x9x111,7	V241		239
90-9652-16	32x7x94	V242		238
90-9685-22	28x7x93,8	V243		238
291-9652-019	42x8x111,2	V274		239
291-9685-031	35,5x8x111	V275		239
283-9652-017	34,3x7x99,4	V276		238
	+0,5S	V276N1		238
	+1,0S	V276N3		238
283-9685-027	29,5x7x99	V277		238
	+0,5S	V277N1		238
	+1,0S	V277N3		238

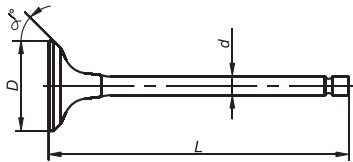
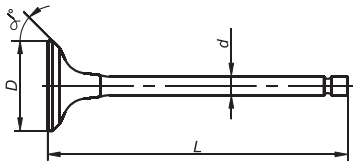
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LOMBARDINI				
147-9652-120	31,4x7x94	V601		238
147-9685-126	27,4x7x94	V602		238
520-9652-040	34,3x7x83,8	V603		237
520-9685-051	29,5x7x83,5	V604		237
520-9652-025	31,8x7x84,2	V743		237
520-9685-039	27x7x83,8	V744		237
550 9652 099	36,3x7x84	V1393		237
550 9685 104	31,5x7x83,5	V1394		237
	37,6x7x92,2	V1449		237
	33,4x7x92,2	V1450		237
271.9652.005	31x7x99,2	V1821		238
271.9685.006	26,5x7x99	V1822		238
196.9652.130	36x7x91	V1961		237
196.9685.133	32x7x91	V1962		237
LOTUS				
LGH 10029	27,7x6x89,6	V1329	105-35474	239
LGH 10064	31,5X6X89,6	V1331		239
LGH 10065	27,5x6x90	V1332	801004	239
13711-37020	32x5,5x109,4	V1799		239
13715-37030	27,5x5,5x108,3	V1800		239
MACK				
690GC2187B	57x12,6x174,5	V1203		240
688GC2352A	48x12,6x174,5	V1204		240
690GC425A	43x9,5x179,2	V1729		240
688GC344	39,9x9,5x177,5	V1730		240
MAN-RABA				
51 04101 0305	55,9x12x148,9	V303	2554	242
51 04101 0373	48,9x12x148,5	V304	2530	242
51 04101 0379	55,9x12x148,9	V339	2531	243
1 04101 0302	58x12x148,9	V405	2505	243
51 04101 0364	51,9x12x148,5	V406	2510	243
10 04101 0008	50x11x166,5	V420		242
10 04101 0009	48,5x11x166,5	V421		242
51 04101 0375	58x12x142,5	V455	25237	244
	+0,5S	V455N1		244
	+1,0S	V455N3		244
51 04101 0367	51x12x142,5	V456	25238	243
	+0,5S	V456N1		243
	+1,0S	V456N3		243
51 04101 0405	57x12x142,5	V461	2573	243
51 04101 0349	56,9x12x148,9	V690	2521	243
51 04101 0332	58x12x142,5	V691	2507	243

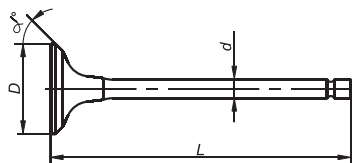
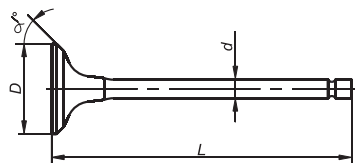
									
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MAN-RABA					MASSEY – FERGUSON				
51 04101 0417	47x10x136,6	V745	2574	240	31431861	30,3x8x117	V71	105-03252	249
51 04101 0410	42x10x136,3	V746	2560	240	31431315	44,3x9,5x122,9	V199		251
51 04101 0425	49x10x136,6	V932	25127	240		+0,3S	V199N		251
51 04101 0482	46x9x153,6	V1235	25249	248		+0,5S	V199N1		251
	+1,0S	V1235N3		248		+0,8S	V199N2		251
51 04101 0483	46x9x153,6	V1236	25250	248		+1,2S	V199N3		251
	+1,0S	V1236N3		248		+0,5S/+0,2d	V199N5		251
10 04101 0004	50x11x166	V1299		242		+0,5d	V199N6		251
	+1,0S	V1299N3		242		+0,2d	V199N7		251
10 04101 0005	48,5x11x166	V1300		242		+1,2S/+0,5d	V199N9		251
	+1,0S	V1300N3		242	31431104	36,6x9,5x123,3	V200		251
51 04101 0328	52x11x155,1	V1301	2520	241		+0,3S	V200N		251
51 04101 0356	43x11x155,5	V1302	2504	241		+0,5S	V200N1		251
51.04101.0547	46x9x153,6	V1423	25300	248		+0,8S	V200N2		251
	+1,0S	V1423N3		248		+1,2S	V200N3		251
51.04101.0548	46x9x153,6	V1424	25301	248		+0,5S/+0,2d	V200N5		251
	+1,0S	V1424N3		248		+0,5d	V200N6		251
51.04101.0523	44x9x153,6	V1537	25302	249		+0,2d	V200N7		251
51.04101.0524	41x9x153,6	V1538	25303	249		+1,2S/+0,5d	V200N9		251
51.04101.0537	38x7x141,5	V1541	25304	241	31431311	44,3x9,5x122,9	V343	105-03365	251
51.04101.0538	34x7x141,2	V1542	25305	241		+0,075d	V343.1		251
51.04101.0574	40x9x160,4	V1543	25306	242		+0,4d	V343.2		251
51.04101.0546	38x9x160,4	V1544	25307	242		+0,3S	V343N		251
51.04101.0438	58x12x142,5	V2083	25310	246		+0,5S	V343N1		251
51.04101.0439	51x12x142,5	V2084	25311	246		+0,8S	V343N2		251
51.04101.0462	58x12x142,5	V2085	25308	247		+1,2S	V343N3		251
51.04101.0463	51x12x142,5	V2086	25309	247		+0,5S/+0,2d	V343N5		251
	58x12x142,5	V2389		248		+0,5d	V343N6		251
	51x12x142,5	V2390		248		+0,2d	V343N7		251
						+1,2S/+0,5d	V343N9		251
MASSEY – FERGUSON					31431881	36,6x9,5x123,3	V344	105-03366	252
31431261	39x8x114,3	V07	105-02076	250		+0,075d	V344.1		252
	+0,3S	V07N		250		+0,4d	V344.2		252
	+0,5S	V07N1		250		+0,3S	V344N		252
	+1,2D	V07N2		250		+0,5S	V344N1		252
	+0,8S	V07N3		250		+0,8S	V344N2		252
	+1,0S	V07N4		250		+1,2S	V344N3		252
	+2,0S	V07N5		250		+0,5S/+0,2d	V344N5		252
31431951	33,4x8x114,4	V08	105-02077	250		+0,5d	V344N6		252
	+0,3S	V08N		250		+0,2d	V344N7		252
	+0,5S	V08N1		250		+1,2S/+0,5d	V344N9		252
	+1,2D	V08N2		250	31431281	39x8x114,3	V675	105-03363	250
	+0,8S	V08N3		250		+0,5S	V675N1		250
	+1,0S	V08N4		250		+0,8S	V675N2		250
	+2,0S	V08N5		250		+1,0S	V675N3		250
31431661	35,9x8x116,8	V70	105-03251	249					

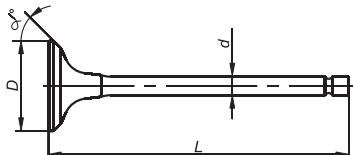
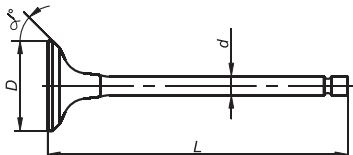
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31431591	33,4x8x114,3	V676	105-03364	250	BP05-12111	32,9x6x101,7	V1637	V4321	255
	+0,5S	V676N1		250	BP05-12121A	28x6x102	V1638	S4322	255
	+0,8S	V676N2		250	FS01-12111C	31,5x6x89,8	V1749		256
	+1,0S	V676N3		250	FS01-12121B	27,6x6x90,1	V1750		256
3142L081	43x9x123	V1267		252	ZJ01-12111A	27,7x5,5x98,3	V1755		253
	+1,0S	V1267N3		252	ZJ01-12121	24x5,5x98,8	V1756		253
3142D051	41x9x123	V1268		252	ZY01-12111A	29,2x5,5x97,1	V1757		254
	+1,0S	V1268N3		252	ZY01-12121	25,9x5,5x96,6	V1758		254
3142H071	46,3x9x129,2	V1867		252	ZL02-12111	29,2x6x91,2	V1759		254
3142A151	41,6x9x129,2	V1868		252	ZL02- 12121	25,9x6x90,6	V1760		254
3142H002	44,2x9,5x122,8	V1941	105-35608	251	KF01- 12111A	28,5x6x94,2	V1761		256
					KFOI- 12121	23x6x95,2	V1762		256
						33,7x6x103,2	V1869		257
						29x6x104	V1870		257
					YF09-12121	28x6x96,6	V1886		256
					B3C7- 12111A	25,5x6x108,3	V1907		253
					B3D2- 12121A	21,5x6x109,4	V1908		253
					YF09- 12111	32x6x97,1	V1909		256
					L3K9- 12111	35x6x103,5	V1911		256
					L3K9- 12121C	30x6x104,7	V1912		256
					AJ03- 12111	34,9x6x114,5	V1913		257
					AJ03- 12121	29,9x6x115,4	V1914		257
					PE01-12-111	33,2x5,5x107,1	V2087		255
					PE01-12-121	28x5,5x117	V2088		255
					MAZDA DIESEL				
					89FF6507AA	36,5x8x107,1	V613	18374	258
					89FF6505AA	32x8x109,2	V614	18375	258
					641 007	34,6x7x104,1	V671	V3333	257
					641 300	30,6x7x104	V672	S3334	257
					RF01- 12111	41x8x107	V1023	V3639	258
					RF01- 12121	36x8x106,8	V1024	S3640	258
					Y401- 12111	32,8x5,5x97,3	V1205	181102	257
					Y401- 12121	30,3x5,5x97,3	V1206	181103	257
					Y601- 12111	25,6x5,5x96,4	V1493	539009	257
					Y601- 12121	23,4x5,5x96,6	V1494	539010	257
					RF2A- 12111	29,7x6x115,3	V1513		258
					RF2A- 12121	25,5x6x114,6	V1514		258
					WL01- 12111	32,7x7x112	V1515		259
					WL01- 12121	35,6x7x111,8	V1516		259
					RF5C- 12111	27,2x6x115,2	V1639		258
					R2AA-12-111	27,3x6x91,8	V1915		258
					R2AA-12-121	25,4x6x91,3	V1916		258
					1449108	31x6x112	V2047		259
					1449109	28x6x112	V2048		259
					SH01-12-111	29,7x5,5x103	V2089		258
					SH01-12-121A	25,5x5,5x99,9	V2090		258

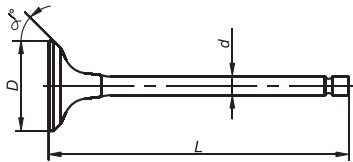
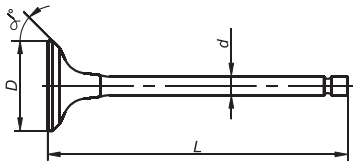
									
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021 109 601H	39x7x106	V929	39372	260	2700530001	31,5x6x115,8	V2333	261148	261
021 109 611D	34,2x7x107	V930	39300	260	2700500100	25x6x117,1	V2334	261149	261
102 053 0601	40x8x114,9	V989	2600	265	2780500126	37x6x104,1	V2335	261150	269
102 050 0427	36x9x115,8	V990	2601	265	2760500027	30x6x107,3	V2336	261151	269
102 053 1801	43x8x115	V991	26160	265	A 271 053 1001	32x6x105,4	V2379	261142	260
102 050 0327	39x9x115,8	V992	2655	265	A 271 050 1127	28x6x109	V2380	261143	260
102 053 1701	46x8x114,9	V993	26135	268	MERCEDES – BENZ DIESEL				
104 053 1401	35x7x101,5	V1099	26165	265	615 053 0101	38,8x10x131,5 +1,0S	V651 V651N3	2622	272
104 050 1727	31x8x103,5	V1100	26166	265	615 053 0705	33,2x10x131 +1,0S	V652 V652N3	2696	272
160 053 0001	30x6x89,3	V1125		259	601 053 1701	38x8x106,4 +0,5S	V653 V653N1	26024	272
160 053 0027	25x6x89,3	V1126		259		+0,8S	V653N2		272
111 053 1101	35x7x101,5	V1229	26048	263		+1,0S	V653N3		272
111 050 1227	31x7x103,5	V1230	26049	263		+1,2S	V653N4		272
113 053 0001	30x7x120,7	V1425	261030	262		+1,0L	V653N5		272
113 050 0127	34x7x121,7	V1426	261031	262	616 053 0301	39,8x10x131,5 +1,0S	V655 V655N3	2605	276
111 053 1201	33x7x101,5	V1437		263	616 050 0527	34,2x10x131 +1,0S	V656 V656N3	2631	276
111 050 1327	29x7x103,5	V1438		263	617 053 0001	39,8x10x131,5	V669	2637	277
166 053 0201	43x6x103	V1527	261038	261	617 050 0027	34,2x10x131,5	V670	2638	277
166 050 0427	36x7x102,7	V1528	261039	262	615 053 0501	38,8x10x131,5 +1,0S	V857 V857N3	2641	272
111 053 0301	33x7x101,5	V1545	26230	263		+1,2S	V907	26045	273
111 050 0627	29x7x103,5	V1546	26263	263		+1,0L	V908	26047	273
111 053 0201	35x7x101,5	V1547	26208	266	606 053 1101	29x6x105,4	V912	26145	272
111 050 0527	31x7x103,5	V1548	261114	266	606 050 1127	26x7x105,7	V912N1		272
166 053 0101	40x6x103	V1549	261036	259	601 050 2327	35x9x106,4 +0,5S	V912N2		272
166 050 0327	34x7x102,7	V1550	261037	259		+0,8S	V912N3		272
113 053 0101	36x7x119,4	V1551	261032	262		+1,0S	V912N4		272
113 050 0227	41x7x122,3	V1552	261033	262		+1,2S	V912N5		272
113 053 0201	38x7x119,1	V1553	261034	270	607 053 1200	33,4x6x101	V979		270
113 050 0327	43x7x121,8	V1554	261035	270	607 053 1300	28,9x6x100,8	V980		270
102 053 1401	38x7x111,7	V1565	26105	269	606 053 0705	26x6x105,7	V1054	26046	276
102 050 1027	33x8x111,5	V1566	26106	269	611 053 0101	30,1x7x104 +1,0L	V1055 V1055N5	261102	274
266 053 0105	35x7x102,7	V1574		261		+1,0L	V1056	261103	274
271 053 0001	30,5x7x105,4	V1763		260	611 053 0105	28,4x7x104,4 +1,0L	V1056N5		274
271 050 0027	27x7x109,2	V1764		260	606 053 0701	29x6x105,4	V1059	26264	276
271 053 0501	30,5x6x105,4	V1765		260	606 053 0305	26x6x105,7	V1060	26265	276
271 050 0627	27x6x109,3	V1766		260	668 053 0301	29,6x6x105,2	V1097	261042	271
272 053 0801	37x6x109,4	V1767		263	668 050 0227	24,6x7x105	V1098	261043	271
272 050 0927	28x6x107,4	V1768		263					
272 053 0501	39,6x6x108,8	V1769		269					
272 050 0827	29,9x6x107,3	V1770		269					
	39,5x6x108,8	V2001		269					
	30x6x107	V2002		269					
273 053 0326	42x6x107,9	V2009		269					
273 050 0427	32x6x107,3	V2010		269					
	39,4x6x108,8	V2237		270					
	30x6x107,3	V2238		270					

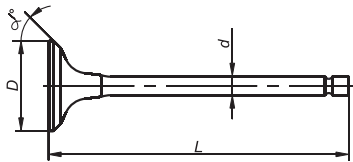
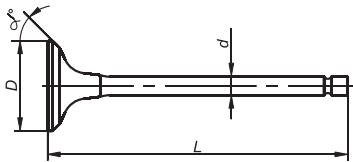
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MERCEDES – BENZ DIESEL				
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628 053 0005	26,2x7x104,5	V1630	261125	275
642 053 0401	28,5x6x102,3	V1743		271
642 050 0527	25,4x6x102,3	V1744		271
651 053 0101	28,5x6x108,8	V1997	261140	271
651 050 0127	24,6x6x109,2	V1998	261141	271
626 050 0500	23,5x6x104,2	V2103		270
626 050 0800	23,4x6x104,1	V2104		270
	32x6x105,4	V2337		271
	28x6x109,3	V2338		271
MERCEDES – BENZ INDUSTRIAL DIESEL				
352 053 1505	36x10x140,5 +1,0S	V169 V490N3	1604	277
327 053 0705	43x10x150	V297	16008	279
403 053 0901	59x12x142,5 +1,0S	V298 V298N3	1606	279
403 050 1027	51x12x142,5 +1,0S	V299 V299N3	1608	279
346 053 0101	42x9x129,8	V300A	1657	283
327 053 0701	54x10x150	V301	1659	279
346 053 0105	37x9x165,3	V302	1658	283
423 050 0026	59x12x142,5 +1,0S	V311 V298N3	1606	279
423 050 0427	51x12x142,5 +1,0S	V312 V299N3	1608	279
423 050 0327	51x12x142,5 +1,0S	V312A V299N3	16053	280
442 050 0326	59x12x142,5 +0,5S +1,0S	V466 V466N1 V466N3	16117	281
442 050 0526	59x12x142,5 +0,5S +1,0S	V466B V466N1 V466N3	16147	283
422 050 0027	51x12x142,5 +0,5S +1,0S	V467 V467N1 V467N3	16116	281
442 050 0227	51x12x142,5 +0,5S +1,0S	V467B V467N1 V467N3	16150	282
366 050 0326	42x9x140,5	V487	16130	278
366 050 0227	36x10x140,5	V488	16122	278
366 050 0226	42,8x9x140,5 +1,0S	V489 V489N3	16109	277
MERCEDES – BENZ INDUSTRIAL DIESEL				
366 050 0027	36x10x140,5 +1,0S	V490 V490N3	16106	277
352 050 0026	44x9x140,5 +1,0S	V505 V505N3	16136	277
355 053 0001	42x9x130,6	V579	1602	282
355 053 0005	37x9x165,9	V580	1603	282
352 053 0101	44x9x140,5 +1,0S	V931 V505N3	1637	277
541 050 0226	45,5x9x145 +1,0S	V1043 V1043N3	160054	285
541 050 0227	41x9x145 +1,0S	V1044 V1044N3	160055	285
541 016 07 91	17x8x87 +0,2d	V1068 V1068N	261101	285
906 050 0226	34x8x125,9	V1221	16200	278
906 050 0327	38x8x152,7	V1222	160057	278
906 050 0326	34x8x128,9	V1223	160056	278
906 016 0491	15x8x83,5 +0,2d	V1224 V1224N		278
442 016 0391	17x8x90 +0,2d	V1266 V1266N	50 004 665	280
442 016 0191	17x8x84,2 +0,2d	V1376 V1376N	50 004 664	280
366 050 1226	42x9x140,5	V1419	261100	278
906 016 0791	15,2x6x81,8 +0,2d	V1420 V1420N	50 009 053	278
457 050 0327	42,1x9x145 +1,0S	V1942 V1942N3	16205	285
442 050 0126	58,9x12x142,5	V2091	16202	284
407 050 0127	51x12x142,5	V2092	16203	284
471 050 0426	45x9,5x240	V2269		287
471 050 0427	43,5x9,5x246,5	V2270		287
472 050 0126	47,2x9,5x240	V2271		287
473 050 0127	45,1x9,5x246,1	V2272		287
470 050 0626	42,5x9,5x239,9	V2339		288
470 050 0427	40x9,8x246,5	V2340		288
936 050 0026	37,5x8x193,6	V2341		279
936 050 0027	33,7x8x199,3	V2342		279
471 050 0927	43x9,5x246,5	V2384		288
541 053 0101	45,5x9x144,9	V2409		285
MERCEDES – BENZ INDUSTRIAL DIESEL Modulazioni ventili				
541 016 0791	17x8x87 +0,2d	V1068 V1068N	261101	288

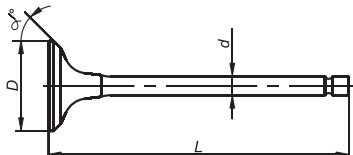
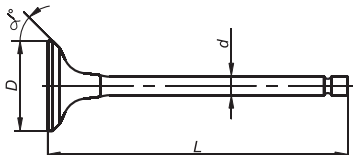
									
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MERCEDES – BENZ INDUSTRIAL DIESEL Modulazioni ventili					MIO STANDARD – HONDA				
906 016 0491	15x8x83,5 +0,2d	V1224 V1224N		288	14711 823 020	34x7x89,75	V625		291
442 016 0391	17x8x90 +0,2d	V1266 V1266N	50 004 665	288	14721 823 020	29x7x89,75	V626		291
442 016 0191	17x8x84,2 +0,2d	V1376 V1376N	50 004 664	288	14711 822 010	29x7x82,75	V627		291
906 016 0791	15,2x6x81,8 +0,2d	V1420 V1420N	50 009 053	288	14721 822 020	26x7x80,75	V628		291
				288	14711 816 325	19x4,8x55,5	V629		291
				288	14721 844 000	16x4,8x55,5	V630		291
MG					MITSUBISHI				
LGH 10029	27,7x6x89,6	V1329	105–35474	288	MD 127840	34x6,5x109,6	V927	761003	294
LGH 10064	31,5x6x89,6	V1331	801003	289	MD 127841	30,5x6,5x109,6	V928	761004	294
LGH 10065	27,5x6x90	V1332	801004	288	MD–016460	34x6,6x102,1	V1145	V3142	291
					MD– 016461	30x6,6x100,9	V1146	S3143	291
					MD– 301193	33x6x112,5	V1195		294
					MD–197097	29x6x114	V1196		294
					MD 162422	30x6x110	V1517		293
					MD 162423	27x6x113,6	V1518		293
					MD 075925	38x8x103,5	V1567	V3376	293
					MD 075927	31x8x100	V1568	S3374	293
					MD 162780	33x6x104,2	V1599		294
					MD 162800	28,2x6x103,8	V1600		294
					MD 128435	31x6,6x100,9	V1619	V4324	292
					MD 139755	33x6,6x101	V1620	S4325	292
					MD 342090	27x5,5x111,6	V1771		292
					MD 342091	23,4x5,5x114,8	V1772		292
					MR 984260	30,4x5x89,5	V1773		293
					MR 984261	25,4x5x91	V1774		293
					MD 339752	29x5,5x111,7	V1775		293
					MD 339754	25,4x5,5x114,7	V1776		293
					MR 994497	34x6x111,5	V1777		294
					MR 994498	30,5x6x113,6	V1778		294
					MD 128434	26x6,6x100,7	V1839		292
						35x5,5x113,2	V2017		295
						28,9x5,5x105,9	V2018		295
						30,4x5x87,3	V2227		293
						25,4x5x88,6	V2228		293
					MD 135479	34,9x6,5x106,3	V2311		295
					MD 135480	30,5x6,5x105,5	V2312		295
						30x5,5x106,5	V2393		293
						25x5,5x106,8	V2394		293
MINI					MITSUBISHI DIESEL				
11347587470	28,8x5x105,7	V1673		290	7701 466 716	36,1x8x111,7 +1,0S	V855 V855N3	517983	295
11347547187	26x5x101,1	V1674		290	7701 466 717	31,6x8x111,3 +1,0S	V856 V856N3	517963	295
11347533884	30x5x97	V1701		289	MD–083661	40x8x136,5	V943	V3841	296
11347533885	25,1x5x110,8	V1702		289					
11341485585	30,3x6x109,5	V1705		289					
11347829943	23,3x6x118,3	V1706		289					
11347585901	29,7x5x95,1	V2031		290					
MINI DIESEL									
1134 7 791 054	30,6x6x100	V1487		290					
1134 7 791 055	28x6x99,8	V1488		290					
1134 7 805 968	25,6x5,5x96,4	V1493	539009	290					
1134 7 805 969	23,4x5,5x96,6	V1494	539010	290					
1134 7 812 618	24,8x5x94	V2037		291					
1134 7 812 616	21,2x5x94	V2038		291					
	25,6x5,5x96,1	V2093	539009	290					
	23,5x5,5x96,3	V2094	539010	290					
MIO STANDARD – HONDA									
14711 887 0000	26x7x81,6	V621		291					
14721 887 0000	23,5x7x81,5	V622		291					
14711 883 0000	29x7x96,3	V623		291					
14721 883 0000	26x7x96,8	V624		291					

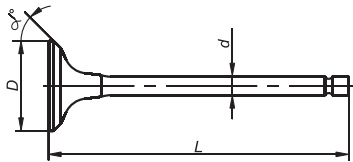
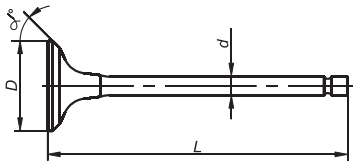
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MITSUBISHI DIESEL					MTZ / MMZ – BYELARUS				
MD-083662	34x8x136,5	V944	S3840	296	50-100-7014	47,8x11x158	V533		299
MW 30620685	35,4x7x111	V951	511013	296		+0,3S	V533N		299
MW 30620686	32,6x7x110,8	V952	511014	296		+0,5S	V533N1		299
ME-200050	41x8x108,6	V1005		297		+0,8S	V533N2		299
ME-200051	35x8x108,4	V1006		297		+1,0S	V533N3		299
M-889130	35x8x110,5	V1057		295	50-100-7015	41,8x11x158	V534		299
M- 889131	31,5x8x110,5	V1058		295		+0,3S	V534N		299
MD 173602	36x8x114,1	V1207		296		+0,5S	V534N1		299
MD 180356	31,9x8x113,6	V1208		296		+0,8S	V534N2		299
ME 203101	33x6,6x115,5	V1323		297		+1,0S	V534N3		299
ME 203102	30,9x6,6x115,4	V1324		297	240-100-7014	48x11x158	V1051		299
MD 198404	40x8x130,1	V1405	821000	297		+0,5S	V1051N1		299
MD 198406	34x8x129,9	V1406	821001	297	240-100-7015	42x11x158	V1052		299
MN 980080	29,2x6x87,8	V1607	331121	296		+0,5S	V1052N1		299
MN 980081	25,4x6x87,5	V1608	331122	296		+0,8S	V1052N2		299
MN 960088	28,5x6x102,3	V1743		295	212K438-95	48x11x158	V1053		299
MN 960089	25,4x6x102,3	V1744		295		+0,5S	V1053N1		299
MN 176597	31,5x6x107,6	V1981		297		+0,8S	V1053N2		299
MN 176 598	27,5x6x107,9	V1982		297	MWM				
22211-42860	40x8x132	V2095		297	6 226 0 460 005 4	41x9x117	V337		300
22212-42860	34x8x132	V2096		297	6 308 0 460 002 4	38x9x117	V338		300
	30x6,5x115,4	V2233		297	6 308 0 460 001 4	38x9x117	V687	2723	299
	28x6,5x115,4	V2234		297		+1,0S	V687N3		299
ME 013810	44x8,9x136,8	V2317		298	6 207 0 460 301 4	35x9x117	V688	2721	299
ME 220217	37,1x8,9x136,9	V2318		298		+1,0S	V688N3		299
MN 163799	36,5x6x109,4	V2343		298	6 232 0 460 002 4	46x11x151,9	V689		301
MN 163286	32x6x113,5	V2344		298	6.228.0.460.301.4	42x9x117,2	V1937		301
MOSKWICZ					6.226.0.460.302.4	38x9x117	V1938		301
408-1007010	36,3x8x115	V265	105-34232	298	12159606	47x9x117	V1967	27119	301
408-1007015	31,5x8x115,2	V266	105-34233	298	12159608	43x9x117	V1968	27104	301
412-1007010	38x8x117	V267	105-34629	298	12156904	47x9x117	V2097	27139	301
412-1007015	34x8x112,5	V268	105-34630	298		+1,0S	V2097N3		301
MTZ						+2,0S	V2097N5		301
50 100 7014	47,8x11x158	V533		298	12159605	43x9x117	V2098	2745	301
	+0,3S	V533N		298		+1,0S	V2098N3		301
	+0,5S	V533N1		298		+2,0S	V2098N5		301
	+0,8S	V533N2		298	6.234.0.460.006.4	58x10x162,9	V2099	2742	302
	+1,0S	V533N3		298	6.234.0.460.005.4	53x10x161,9	V2100	27304	302
50 100 7015	41,8x11x158	V534		298		47x9x152,7	V2101	27300	302
	+0,3S	V534N		298		43x9x152,7	V2102	27301	302
	+0,5S	V534N1		298	632134600014	41x10x129	V2143	2786	300
	+0,8S	V534N2		298		+1,0S	V2143N3		300
	+1,0S	V534N3		298		+2,0S	V2143N5		300
					632134600024	37x10x129	V2144	2787	300
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						+2,0S	V2144N5		300

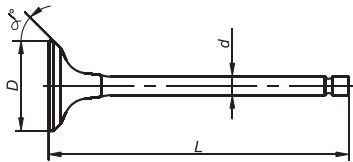
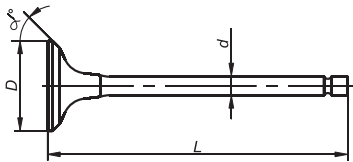
									
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NISSAN					NISSAN				
13201-00QAG	32,8x6x106,8	V867	511019	303	13201-1KT04	31,7x5x101,7	V2107		305
13202-00QAH	29,9x6x106,7	V868	511020	303		36,7x6x100,2	V2213		307
13202-00QAE	28,9x5,5x108,9	V982	539014	306		30,3x6x94,7	V2214		307
7701 471 378	32,7x5,5x109,3	V1013	531029	305	13201-31V60	29,1x6x103,9	V2345		307
7701 471 379	28x5,5x107,6	V1014	531030	305	13202-31V60	24,1x6x101,5	V2346		307
13201-00QAJ	26x5,5x110,7	V1165		303	NISSAN DIESEL				
13202-00QAK	22x5,5x112,5	V1166		303		34x8x104,8	V541	33028	308
13201- 57Y00	30x5,5x92,3	V1199	V4307	304		+0,3S	V541N		308
13202-57Y00	24x5,5x92,6	V1200	S4308	304		+0,5S	V541N1		308
13201- 99B10	27,5x5,5x95,8	V1201	1123	303		+0,8S	V541N3		308
13202- 99B10	22,5x5,5x95,8	V1202	1124	303		+1,5S	V541N4		308
13201- 70J00	34x6x101,5	V1209	V3846	306		+1,0S	V541N5		308
13202- 70J10	30x6x102,5	V1210	81021	306		31,2x8x104,6	V542	33029	308
13202-9F600	25x5,5x92,6	V1410	701021	305		+0,3S	V542N		308
13201- 10B00	35,1x7x109,7	V1459	V3426	302		+0,5S	V542N1		308
13202-10B00	30,1x7x109,4	V1460	S3427	302		+0,8S	V542N3		308
13202-50K02	30,1x7x109,2	V1462		302		+1,5S	V542N4		308
13201- 2F200	34,1x6x98,4	V1463	701022	306		+1,0S	V542N5		308
13202- 2F210	30,1x6x99,3	V1464	701012	306		34x8x95,1	V543	39183	308
13201- N8501	42x8x124,4	V1569	V3114	307		+0,3S	V543N		308
13202-N8500	38x8x125,4	V1570	S3131	307		+0,5S	V543N1		308
13201- H9500	35x8x99,8	V1581		305		+0,8S	V543N3		308
13202-H9500	30x8x99,8	V1582		305		+1,5S	V543N4		308
13202-89J00	30x6x102,4	V1640	701006	306		+1,0S	V543N5		308
13201- BH300	35,6x6x97,2	V1781		307		31,2x8x95	V544	39116	308
13202-6N200	30,7x6x98,8	V1782		307		+0,3S	V544N		308
13201-1F700	27,5x5,5x97,8	V1783		303		+0,5S	V544N1		308
13202-1F700	22,5x5,5x97,9	V1784		303		+0,8S	V544N3		308
13201-BM505	29x5,5x94,4	V1785		305		+1,5S	V544N4		308
13202-BM500	24x5,5x94,7	V1786		305		+1,0S	V544N5		308
13201- AU300	30x5,5x94,3	V1787		306	13201-60J02	39x7x99,8	V853	V4339	310
13202-AU300	25x5,5x94,7	V1788		306	13202- 60J02	32x7x99,6	V854	S4340	310
13201-VC200	38,5x7x100,2	V1789		307	13201-16A00	36x7x100,9	V913	V3275	309
13202-VC200	33,3x7x98,3	V1790		307	13202-16A00	31x7x100,9	V914	S3274	309
13201- ED000	31,1x5x101,7	V1791		305	13201-22301	39x7x102,8	V947	V3853	310
13202-ED000	25,4x5x102,5	V1792		305	13202-V7202	32x7x102,6	V948	S3854	310
13201- EN20A	33,9x5,5x106,3	V1793		306	13201-22J11	39x7x101,8	V949	V3855	311
13202-EN200	27,7x5,5x105,2	V1794		306	13202- 40L01	32x7x101,6	V950	S3856	311
13201-4M500	29x5,5x92,2	V1917	701010	304	13201-AW300	35,4x7x111	V951	511013	309
13202-2F000	24x5,5x92,6	V1918	701009	304	13202-AW300	32,6x7x110,8	V952	511014	309
13201-BM500	29,1x5,5x92,3	V1919		304	13201- BN700	33,4x6x101	V979	539017	308
13201-4A00A	27,5x5,5x87,5	V1923		304	13202-BN700	28,9x6x100,8	V980	539018	308
13202-4A00D	22,9x5,5x87,1	V1924		304	13202-00QAE	28,9x5,5x108,9	V982	539014	309
13201-00QAE	33,4x5,5x110,1	V1983		306	13201-6F900	37x7x108,5	V1089	537627	309
13201-BC000	27,5x5,5x97,9	V2105		304		+0,5S	V1089N1		309
13202-BC000	22,5x5,5x97,9	V2106		304					

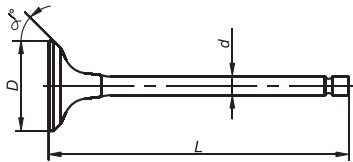
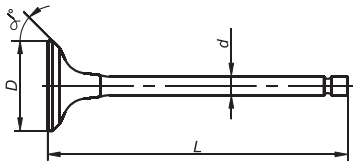
									
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NISSAN DIESEL					OPEL				
13202— 6F900	31,5x7x108,2 +0,5S	V1090 V1090N1	537628	309	641 302	29x7x105	V381	29296	314
13201— 57J02	39x7x100,8	V1187	V4337	310	641 022	32x6x102,1	V511	29375	320
13202—57J02	32x7x100,6	V1188	S4338	310	641 325	29x6x92,2	V512	29354	320
13201— 0Y000	39,1x7x101,7	V1241	701013	311	642 750	42x9x123 +0,075d	V609	3434	323
13202—4P400	32,1x7x101,6	V1242	701014	311		+0,15d	V609.1		323
13201— F6511	34,1x6x103,2	V1253		311		+0,5d	V609.2		323
13202— F6511	29,6x6x103,7	V1254		311	641 034	31x6x103,1	V609N		323
13201—00QAD	30,7x6x123,1	V1279	539020	311	641 340	27,5x6x102,2	V639	29397	316
13202—00QAD	29,5x6x123,1	V1280	539021	311	642 667	41,8x7x103,8	V640	29429	316
13201—43G01	43,5x8x117	V1343	V3851	312	642 829	36,5x7x103,6	V641	29107	322
13202—31N01	38x8x117	V1344	S3852	312	642 912	37x9x123,7	V642	29292	322
13201—G2403	43,5x8x117	V1367	V4311	312	642 188	32x7x99,3 +0,075d	V678	3477	324
13202—G2403	38x8x117	V1368	S4312	312		+0,15d	V775	2940	314
13201—9C600	41,5x8x118	V1465	701019	310		+0,2d	V775.1		314
13202—9C601	33,1x8x117,6	V1466	701020	310		+0,15d	V775.2		314
13201—2W200	32x7x113,4	V1467		312	642 814	27x7x101,1 +0,075d	V775N		314
13202—2W200	30x7x113,4	V1468		312		+0,15d	V776	3414	314
13201— D9702	39,3x8x118,2	V1589		310		+0,2d	V776.1		314
13202—D9702	32,1x8x118,1	V1590		310		+0,15d	V776.2		314
13201 — AD210	28,2x6x106,7	V1643		311	642 635	35x8x106,1	V776N		314
13202—AD200	26,2x6x106,4	V1644		311	642 789	32x8x106,1	V817	2920	319
13201—9X700	44,9x9,5x123,1	V1795		313	642 758	33x7x105	V818	2934	319
13202—9X700	38,9x9,5x123,4	V1796		313	642 858	29x7x105	V835	29185	322
13201—00Q0A	27,7x6x104	V1797		309	642 898	29x7x101,5 +0,075d	V836	29186	322
13202—00Q0A	26x6x103,8	V1798		309		+0,15d	V838	3489	317
13201—67U00	38x7x102	V1921		311		+0,2d	V838.1		317
13202—67U00	33x8x102,4	V1922		311		+0,15d	V838.2		317
13201—0DQAE	33,4x5,5x110,1	V1983		309	642 679	38x7x101,1	V838N		317
13201—0370R	23,5x6x104,2	V2103		309	642 854	31x7x101,1	V859	29316	318
13202—4894R	23,4x6x104,1	V2104		309	642 663	45x9x122,5	V860	29300	318
13201—1AT0A	28,5x6x106	V2109		312	642 826	40x9x123,7	V881	29170	324
13202—1AT0A	25,9x6x105,5	V2110		312	641 045	28x5x93,8	V882	29100	324
OM „see” IVECO					641 364	25x5x93,8	V883	29455	314
					641 364	25x5x93,8	V884	29456	314
					642 675	32x7x98,9 +0,075d	V893	29317	313
OPEL						+0,15d	V893.1		313
						+0,2d	V893.2		313
					642 837	27x7x99,5 +0,075d	V893N		313
						+0,15d	V894	29318	313
						+0,2d	V894.1		313
					642 873	37x9x123,7 +0,075d	V894.2		313
						+0,15d	V894N		313
						+0,5d	V975	29139	321
					642 763	33x7x105	V976	29142	321
					642 890	29x7x105	V982	539014	321
					641 002	33x7x105	V983	2900	321
							V995		321

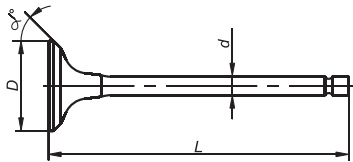
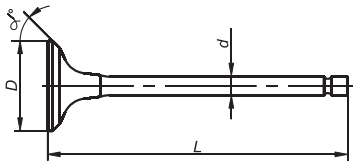
									
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OPEL					OPEL DIESEL				
642 793	35x8x106,1	V996	2906	321	642 759	42x8x127,2	V643	3447	332
641 015	38x7x104,6	V999	29383	316		+0,075d	V643.1		332
641 317	31x7x104,6	V1000	29384	316		+0,15d	V643.2		332
641 048	31,2x5x101,4	V1003	341001	319		+0,2d	V643N		332
641 357	27,5x5x100,8	V1004	341002	319		+0,4d	V643N1		332
642 924	29x7x99,4	V1038	29319	317	642 882	34,5x8x127,2	V644	3450	332
	+0,075d	V1038.1		317		+0,075d	V644.1		332
	+0,15d	V1038.2		317		+0,15d	V644.2		332
	+0,2d	V1038N		317		+0,2d	V644N		332
641 056	35,1x6x102,3	V1069	291109	323		+0,4d	V644N1		332
641 373	30,1x6x100,9	V1070	291110	323	641 007	34,6x7x104,1	V671	V3333	326
641 008	37,4x7x89,3	V1291	29267	325	641 300	30,6x7x104	V672	S3334	326
641 310	30,4x7x96,1	V1292	29270	325	99432837	35,9x8x122	V681	171055	334
	34x6x99	V1373		324		+1,0S	V681N3		334
	30x6x100,5	V1374		324	642 651	36x8x123,2	V695	29182	327
642 011	31,2x5x117,2	V1429	291106	318		+0,3S	V695N		327
641 379	27,5x5x116,2	V1430	291107	318		+0,2d	V695N1		327
641 013	42x9x122,3	V1591	29324	324		+0,5S	V695N2		327
641 313	36x9x123,2	V1592	29323	324		+1,0S	V695N3		327
641 076	31,2x5x113,9	V1611		318	641 353	32x8x123,2	V696	29416	327
641 391	27,5x5x113,2	V1612		318		+0,3S	V696N		327
4708925	27,5x5,5x87,5	V1923		315		+0,2d	V696N1		327
4708933	22,9x5,5x87,1	V1924		315		+0,5S	V696N2		327
44 11 048	33,4x5,5x110,1	V1983		321		+1,0S	V696N3		327
12911-69L00-000	27,5x5x87,5	V2111		315		35,2x8x111,6	V837	510203	328
12915-69L00-000	22,9x5x87,1	V2112		315		36,1x8x111,7	V855	517983	328
55565261	27,7x5x114,4	V2115		323		+1,0S	V855N3		328
55565262	24,3x5x114,4	V2116		323		31,6x8x111,3	V856	517963	328
641 460	31,2x5x100	V2117		319		+1,0S	V856N3		328
641 459	27x5x99,3	V2118		319		35x8x110	V885	539000	328
OPEL DIESEL						31,3x8x109,8	V886	539001	328
7 301 820	41x8x120,7	V326	17062	334	641 041	35,9x6x103,7	V939	11732	329
	+1,0S	V326N3		334	641 346	30,9x6x103,5	V940	11682	329
642 659	42x8x127,2	V619	2908	333	7700 110 387	35,4x7x111	V951	511013	328
	+0,075d	V619.1		333	7700 110 389	32,6x7x110,8	V952	511014	328
	+0,15d	V619.2		333	642 168	29x6x97,1	V953	290002	331
	+0,2d	V619N		333	642 211	26x6x97,1	V954	290003	331
	+0,4d	V619N1		333	641 025	27,4x6x98,5	V977	291030	326
642 935	34,5x8x127,2	V620	29246	333	641 369	26,5x6x98,1	V978	291031	326
	+0,075d	V620.1		333		35,5x8x115	V1033	171046	329
	+0,15d	V620.2		333	605 07 189	34,5x8x115	V1034	171047	329
	+0,2d	V620N		333	605 04 864	40,2x8x121	V1167	4077	333
	+0,4d	V620N1		333		34x8x121	V1168	4078	333
					641 042	40,1x8x118,1	V1191	V3825	333
					641 352	35,7x8x118,1	V1192	S3826	333
					4506083	30,7x6x123,1	V1279	539020	329

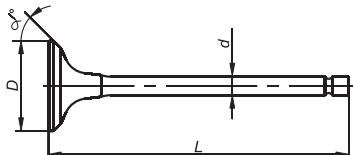
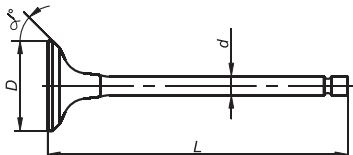
									
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OPEL DIESEL					PERKINS				
4506084	29,5x6x123,1	V1280	539021	329	3143 1681	39x8x114,3	V263	105-34643	336
641 072	21,7x6x109,2	V1413		325		+0,3S	V263N		336
641 071	21,7x6x109,2	V1414		325		+0,5S	V263N1		336
641 074	27,8x6x114,4	V1415		330		+0,8S	V263N2		336
641 386	25,8x6x114,4	V1416		330		+1,0S	V263N3		336
441 5247	32x7x113,4	V1467		334	3143 1761	33,4x8x114,3	V264	105-34644	336
441 5246	30x7x113,4	V1468		334		+0,3S	V264N		336
641 404	27,9x5x114,4	V1595		330		+0,5S	V264N1		336
641 403	24,5x5x114,4	V1596		330		+0,8S	V264N2		336
4805321	28,6x6x95,7	V1625		330		+1,0S	V264N3		336
4805322	24,4x6x95,7	V1626		330	3143 1641	44,3x9,5x122,9	V343	105-03365	337
641 049	34x6x103,8	V1649		334		+0,075d	V343.1		337
641 360	29x6x103,5	V1650		334		+0,4d	V343.2		337
641 067	27,5x6x98,5	V1779		332		+0,3S	V343N		337
641 384	26,5x6x98,1	V1780		332		+0,5S	V343N1		337
13201-00Q0A	27,7x6x104	V1797		331		+0,8S	V343N2		337
13202-00Q0A	26x6x103,8	V1798		331		+1,2S	V343N3		337
	22,45x6x109,2	V1873		325		+0,5S/+0,2d	V343N5		337
	22,5x6x109,2	V1874		325		+0,5d	V343N6		337
641 085	27,4x6x102,6	V2041		327		+0,2d	V343N7		337
641 086	25,4x6x102,4	V2042		327		+1,2S/+0,5d	V343N9		337
4802219	28,8x5x101,9	V2043		331	3143 1109	36,6x9,5x123,3	V344	105-03366	337
4802220	26,4x5x101,9	V2044		331		+0,075d	V344.1		337
4420439	27,7x6x103,9	V2119	539024	331		+0,4d	V344.2		337
641 084	30x6x98,4	V2121		332		+0,3S	V344N		337
641 397	28x6x97,9	V2122		332		+0,5S	V344N1		337
	35x6x101,1	V2189		334		+0,8S	V344N2		337
	30,5x6x97	V2190		334		+1,2S	V344N3		337
						+0,5S/+0,2d	V344N5		337
						+0,5d	V344N6		337
						+0,2d	V344N7		337
						+1,2S/+0,5d	V344N9		337
3143 1261	39x8x114,4	V07	105-02076	335	3143 1281	39x8x114,3	V675	105-03363	336
	+0,3S	V07N		335		+0,5S	V675N1		336
	+0,5S	V07N1		335		+0,8S	V675N2		336
	+1,2D	V07N2		335		+1,0S	V675N3		336
	+0,8S	V07N3		335	3143 1591	33,4x8x114,3	V676	105-03364	336
	+1,0S	V07N4		335		+0,5S	V676N1		336
	+2,0S	V07N5		335		+0,8S	V676N2		336
3143 1951	33,4x8x114,4	V08	105-02077	335		+1,0S	V676N3		336
	+0,3S	V08N		335	3143 1491	40,5x8x114,6	V877	2048	336
	+0,5S	V08N1		335	3142 A031	35,5x8x114,5	V878	2049	336
	+1,2D	V08N2		335	3143 1154	46,9x9,5x132,5	V887		338
	+0,8S	V08N3		335	3143 1142	40,5x9,5x132,5	V888		338
	+1,0S	V08N4		335	3142 L071	45x9,5x122,9	V1077	105-35459	338
	+2,0S	V08N5		335		+1,0S	V1077N3		338
3143 1661	35,9x8x116,8	V70	105-03251	334					
3143 1861	30,3x8x117	V71	105-03252	334					

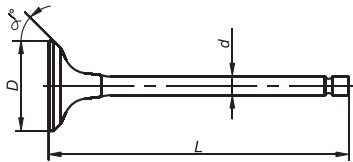
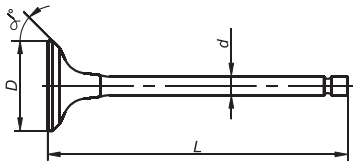
									
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PERKINS					PEUGEOT				
3142 A051	37,5x9,5x123,3 +1,0S	V1078 V1078N3	105-35460	337	0949.87	30,7x6x105,3	V934	537148	349
3142 H011	44x7x106,5	V1111		337	0948.54	39,5x8x105,2	V935	538181	346
3142 A101	37,2x7x106,3	V1112		335	0949.54	33x8x105,2	V936	538008	346
3142 L072	45x9,5x123 +1,0S	V1185 V1185N3		338	0948.47	40x8x108,8	V967	538180	345
3142 L081	43x9x123 +1,0S	V1267 V1267N3		338	0949.52	33x8x108,1	V968	538009	345
3142 D051	41x9x123 +1,0S	V1268 V1268N3		338	0948.38	36,8x8x113,4	V969	536478	339
3142 D041	43x9x123 +1,0S	V1269 V1269N3	105-35609	338	0949.33	29,3x8x113,6	V970	535840	339
3142 D031	41x9x123 +1,0S	V1270 V1270N3	105-35610	338	0948.66	42,6x8x108,8	V997	157579	349
314 31701	36,6x9,5x127,1	V1422		337	0949.72	34,5x8x108,4	V998	157580	349
BDU 1399	37,2x7,4x93,8	V1489	105-35457	335	0948.99	33,3x6x106,2	V1091	531010	349
BDU 1400	33,6x7,4x93,8	V1490	105-35458	335	0949.99	28,9x6x103,6	V1092	531011	349
3142 H041	45x9x124,1	V1587	105-35611	338	0948.57	34,7x7x112,8	V1093	537840	339
3142 D061	42x9x124,1	V1588	105-35612	338	0949.58	27,7x7x112,6	V1094	537844	339
1457503	42x7x106,4	V1733		335	0949.48	32x8x108,7	V1116	537174	345
1457499	34x7x106,3	V1734		335	0948.A9	31,2x6x103,8	V1161		344
3142H007	41,8x7x115,5	V1841		335	0949.A8	24,5x6x104,4	V1162	537174	344
3142A091	38x7x115,5	V1842		335	0948.73	39,5x7x111,7	V1163	537505	342
3142 H101	46,4x9x129,1	V2019		338	0949.70	31,3x7x111,5	V1164	537506	342
3142 A171	41,6x9x128,4	V2020		338	0948.82	34,6x6x106,3	V1183	537006	349
3142 H091	35x6x108,2	V2249		339	0949.92	29,6x6x105,7	V1184	533033	346
3142 A181	33x6x107,9	V2250		339	0948.A5	35x6x108,4	V1247	531015	350
PEUGEOT					0949.A5	30,5x6x106,9	V1248	531016	350
7 609 772	37,5x8x108,5	V411	17073	350	0948.C8	28,3x5,5x100,8	V1251		342
5 973 129	33,2x8x109	V506	17024	350	0949.C4	24,3x5,5x101,1	V1252		342
0948.33	42,6x8x118,6	V593	537819	348	0948.61	34,6x7x106,4	V1273	537686	347
0949.27	35,5x8x112,2	V594	537909	348	0949.62	29,6x7x105,8	V1274	537687	347
0948.93	39,4x7x111,5	V631	531007	344	0948.A7	32,4x6x105	V1315	531027	348
0949.59	29,3x7x112,6	V632	537845	340	0949.A7	29,2x6x102,6	V1316	531028	348
0948.91	36,7x7x112,8	V633	531012	341	0948.83	28,8x6x104,4	V1341	537209	344
0948.58	36,7x7x112,8	V694	537841	340	0948.A4	29,8x6x106	V1453	531023	344
0948.56	41,6x8x108,8	V723	537853	345	0949.A4	27,2x6x104	V1454	531026	344
0949.57	34,5x8x108,4	V724	537851	345	0948.A1	35x6x106	V1455	531019	350
0948.75	34,6x7x106,4	V909	537131	347	0949.A2	31,1x6x102,9	V1456	531020	350
0949.81	29,6x7x105,7	V910	537132	347	0948.52	36x8x107	V1571	577999	343
0948.82	34,1x6x106,4	V933	537141	346	0949.53	29x8x107,7	V1572	577998	342
					0948.51	34x8x107	V1573	577719	342
					0948.62	41,6x8x105,2	V1575	537852	346
					0949.63	34,5x8x104,8	V1576	537850	346
					0948.E8	28,8x5x105,7	V1673		343
					0949.E2	26x5x110,1	V1674		343
					0948.F9	30x5x97	V1701		343
					0949.F6	25,1x5x110,8	V1702		343
					0948.E2	27,4x5x88,4	V1721		339

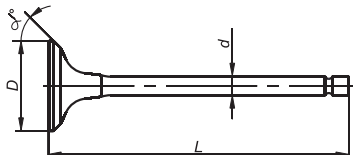
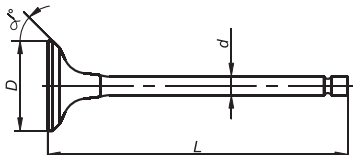
									
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PEUGEOT					PEUGEOT DIESEL				
0949.C8	23,6x5x89,2	V1722		339	0948.74	37x7x108,5	V1089	537627	352
0948.G4	29,7x5x95,1	V2031		343		+0,5S	V1089N1		352
9676359080	29,1x5x92,6	V2123		342	0949.80	31,5x7x108,2	V1090	537628	352
9676359180	26x5x91,9	V2124		342		+0,5S	V1090N1		352
0948.64	39,3x8x111,8	V2171		342	0948.68	33,9x8x122,3	V1095	537575	354
0949.65	31,2x8x111,6	V2172		342	0949.68	33,9x8x121,9	V1096	537555	354
0948.F2	35x5,5x113,2	V2253		350	0948.40	36,4x8x110,3	V1117	538721	353
0949.E7	29x5,5x105,8	V2254		350	0949.37	31x8x110	V1118	538720	353
PEUGEOT DIESEL					0948.72	36,9x7x127,9	V1121	537503	356
0948.A2	41x8x120,7	V326	17062	357		+0,5S	V1121N1		356
	+1,0S	V326N3		357		+1,0S	V1121N3		356
0948.96	43,5x8x122	V679	171015	358	0949.79	36,9x7x127,5	V1122	537554	356
	+1,0S	V679N3		358		+0,5S	V1122N1		356
0949.A0	35,9x8x122	V681	171055	357		+1,0S	V1122N3		356
	+1,0S	V681N3		357	0948.A3	29,8x6x105	V1179	531021	356
0948.46	38x8x112,4	V709	538359	353	0949.A3	25x6x105	V1180	531022	356
	+0,5S	V709N1		353	0948.C2	32,8x5,5x97,3	V1205	181102	351
	+1,0S	V709N3		353	0949.B1	30,3x5,5x97,3	V1206	181103	351
0949.73	33x8x111,9	V710	537450	353	0948.C0	29,9x6x106,2	V1313	531017	355
	+0,5S	V710N1		353	0949.A9	25x6x106,1	V1314	531018	355
	+1,0S	V710N3		353		21,7x6x109,2	V1413		351
0948.94	38,5x8x112,4	V721	531005	353		21,7x6x109,2	V1414		351
	+0,5S	V721N1		353	0948.C7	25,6x5,5x96,4	V1493	539009	352
	+1,0S	V721N3		353	0949.C3	23,4x5,5x96,6	V1494	539010	352
0948.63	38,5x8x112,4	V721A	537708	354	0948.45	42x8x121,4	V1623	151564	356
	+0,5S	V721N1		354	0949.46	35x9x121,4	V1624	151554	356
	+1,0S	V721N3		354	504072531	32,4x6x119,9	V1697		358
0949.60	33x8x111,9	V722	537747	353	504081062	32,4x6x119,9	V1698		358
	+0,5S	V722N1		353	0948.E5	27,2x6x95,8	V1723		355
	+1,0S	V722N3		353	0949.E1	25x6x95	V1724		355
0948.37	40,4x8,5x116,2	V785	535129	357	0948.E1	27,7x6x97,1	V1725		357
0949.25	33,4x8,5x116,2	V786	535130	357	0949.C6	25,2x6x96,4	V1726		357
0948.53	42,5x8,5x116	V793	537944	357	0948.H0	22,45x6x109,2	V1873		351
0949.50	35,5x8,5x116,3	V794	538210	357	0949.G3	22,5x6x109,2	V1874		351
95 638 449	35,5x7x108,4	V809	157714	351	0948.F7	30,15x5,5x95,6	V2049	539046	352
	+1,0S	V809N3		351	0949.F5	27,5x5,5x95,5	V2050	539047	352
95 638 450	30,6x7x108,2	V810	157729	351	0948.F6	27,25x6x104,5	V2051		356
	+1,0S	V810N3		351	0948.G1	25,6x5,5x96,1	V2093	539009	352
0948.84	41x7x115,7	V955	537257	356	0949.F7	23,5x5,5x96,3	V2094	539010	352
0949.90	37,8x7x115,4	V956	537019	356	0948.F5	32,8x5,5x97,1	V2125		351
0948.95	35,6x6x107,1	V1085	531003	355	0949.F0	30,2x5,5x97,1	V2126		351
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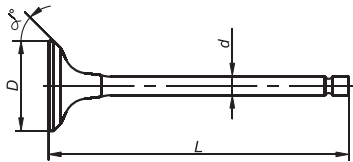
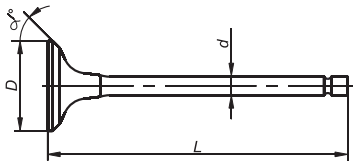
									
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PORSCHE					RENAULT				
022 109 601H	33,2x6x136,3	V1687		361	7701 468 960	40x8x115,6	V1157	511015	370
022 109 611P	30,2x6x136,1	V1688		361	7701 468 961	32,5x8x115,3	V1158	511016	370
94810532252	33x6x108,2	V2108		361	7701 472 986	26x5,5x110,7	V1165		364
94810531253	32,5x6x109,5	V2120		360	7701 473 004	22x5,5x112,5	V1166		364
94810531101	37,1x6x109,2	V2127		360	7701 468 861	33x7x107,3	V1377	511011	371
94810531200	32,5x6x109,5	V2128		360	7701 468 862	28,3x7x108,8	V1378	511012	371
94810532102	38,2x6x107,7	V2129		360	7701 462 137	34,2x7x91,4	V1409	518206	365
94810532202	33x6x108,1	V2130		360	7701 474 099	37,1x6x96,4	V1727		373
PORSCHE DIESEL					7701 474 100	31,4x6x94	V1728		373
001330105	38x8x155,4	V1829		361	13201—EN201	33,9x5,5x106,3	V1793		371
001330205	34x8x155,4	V1830		361	13202—EN200	27,7x5,5x105,2	V1794		371
RENAULT					4420439	27,7x6x104	V1797		371
7700 648 970	28,2x7x73	V230	516008	362	4431241	26,1x6x103,8	V1798		371
7701 458 195	25x7x73,8	V233	514975	362	7701 463 787	37x8x111,3	V1920	538930	372
7701 458 180	33,4x7x89,8	V581	518293	363	7700 635 409	43,9x8x112	V1943	5362226	372
7701 460 690	28,9x7x88,8	V582	518533	363	7700 644 709	38,6x8x111,4	V1944	515170	372
7701 461 802	28,9x7x88,8	V582A	517962	365	7701 471 279	33,4x5,5x110,1	V1983		371
7701 465 088	37,6x7x107,8	V673	511017	367	132013562R	26,5x5,5x100,9	V2131		366
7701 465 090	33,6x7x107,8	V674	517646	367	132025379R	23,5x5,5x101,7	V2132		366
7701 458 152	28,2x7x73	V720	516008	362	566902A	40x8x110,7	V2201		368
7438 610 007	31x7x104,1	V763	47145	371	566903E	35,5x8x110,9	V2202		368
7438 610 008	27x7x103,3	V764	47130	371	629763A	36x8x105	V2203		368
7701 463 081	38,2x8x111,5	V765	517982	369	639199E	31,5x8x103,5	V2204		368
7701 463 082	32,5x8x111,3	V766	517981	369	7701 458 792	39x8x110,6	V2205		369
7701 460 699	34x7x91,2	V858	516945	367	7700 507 902E	34,5x8x111	V2206		369
7701 469 266	32,8x6x106,8	V867	511019	364	690577A	34x7x90,8	V2207		365
7701 469 269	29,9x6x106,7	V868	511020	364	7701 463 181	28,9x7x88,9	V2208		365
7701 459 824	36,8x8x113,4	V969	536478	366	7701 462 137	34,1x7x91,5	V2209		363
7701 459 825	29,3x8x113,6	V970	535840	366	7700 638 247	29x7x89	V2210		363
7701 471 280	28,9x5,5x108,9	V982	539014	371	7701 465 173	28,6x7x108,3	V2352		370
7700 107 602	32,7x5,5x109,3	V1013	531029	368	132016894R	29,5x5x101,3	V2387		365
8200 054 762	28x5,5x107,6	V1014	531030	368	132028778R	25,4x5,5x102,5	V2388		365
7701 465 495	36,4x7x111,8	V1035	517700	373	RENAULT DIESEL				
7701 465 497	40,1x7x112	V1036	51142	373		44,3x9,5x122,9	V199		380
7701 465 496	30,4x7x111,9	V1037	51318	373		+0,3S	V199N		380
7701 465 172	30,7x7x107,5	V1075	517609	370		+0,5S	V199N1		380
7700 747 324	28,6x7x109,1	V1076	512130	370		+0,8S	V199N2		380
7701 471 780	31,5x5,5x113,5	V1151		373		+1,2S	V199N3		380
7701 471 781	27,3x5,5x114	V1152		373		+0,5S/+0,2d	V199N5		380
7701 466 606	40,1x8x107,1	V1155	510201	370		+0,5d	V199N6		380
7701 466 607	32,7x8x106,9	V1156	510202	370		+0,2d	V199N7		380
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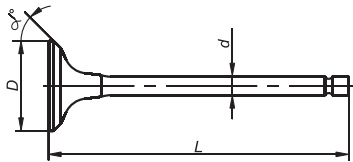
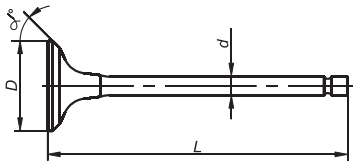
									
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7701 463 603	36,6x9,5x123,3	V200	17062	380	7701 468 035	38x9x117	V687	2723	379
	+0,3S	V200N		380		+1,0S	V687N3		379
	+0,5S	V200N1		380		35x9x117	V688	2721	379
	+0,8S	V200N2		380		+1,0S	V688N3		379
	+1,2S	V200N3		380		35,2x8x111,6	V837	510203	374
	+0,5S/+0,2d	V200N5		380		36,1x8x111,7	V855	517983	373
	+0,5d	V200N6		380		+1,0S	V855N3		373
	+0,2d	V200N7		380		31,6x8x111,3	V856	517963	373
	+1,2S/+0,5d	V200N9		380		+1,0S	V856N3		373
	41x8x120,7	V326		377		40,2x8x111,6	V863	515120	375
7701 203 675	+1,0S	V326N3	17064	377	7701 461 339	33,3x8x111,6	V864	515320	375
	34,4x8x122	V327		377		35x8x110	V885	539000	374
	+1,0S	V327N3		377		31,3x8x109,8	V886	539001	374
	41x9x117	V337		381		35,4x7x111	V951	511013	375
	38x9x117	V338		381		32,6x7x110,8	V952	511014	375
	44,3x9,5x122,9	V343		380		32,9x8x122	V966	17032	376
	+0,075d	V343.1		380		33,4x6x101	V979	539017	373
	+0,4d	V343.2		380		28,9x6x100,8	V980	539018	373
	+0,3S	V343N		380		36,6x8x122	V1022	510209	377
	+0,5S	V343N1		380		+1,0S	V1022N3		377
	+0,8S	V343N2	105-03365	380	7701 468 190	35x8x110,5	V1057		374
	+1,2S	V343N3		380		31,5x8x110,5	V1058		374
	+0,5S/+0,2d	V343N5		380		32,2x7x117,6	V1133	517419	376
	+0,5d	V343N6		380		31,1x7x117,6	V1134	517482	376
	+0,2d	V343N7		380		30,7x6x123,1	V1279	539020	376
	+1,2S/+0,5d	V343N9		380		29,5x6x123,1	V1280	539021	376
	36,6x9,5x123,3	V344		380		32x7x113,4	V1467		378
	+0,075d	V344.1		380		30x7x113,4	V1468		378
	+0,4d	V344.2		380		27,7x6x104	V1797		375
	+0,3S	V344N		380		26,1x6x103,8	V1798		375
	+0,5S	V344N1	105-03366	380	13201-00Q0A	23,5x6x104,2	V2103		374
	+0,8S	V344N2		380		23,4x6x104,1	V2104		374
	+1,2S	V344N3		380		45,8x10x140,2	V2163	597673	379
	+0,5S/+0,2d	V344N5		380		39x10x140,2	V2164	425351	379
	+0,5d	V344N6		380		46x10x140	V2165		379
	+0,2d	V344N7		380	R.V.I.				
	+1,2S/+0,5d	V344N9		380		44,3x9,5x122,9	V199		383
	41x8x122	V470		376		+0,3S	V199N		383
	+0,5S	V470N1		376		+0,5S	V199N1		383
	+1,0S	V470N3		376		+0,8S	V199N2		383
98 468 338	43,5x8x122	V679	171015	378		+1,2S	V199N3		383
	+1,0S	V679N3		378		+0,5S/+0,2d	V199N5		383
98 418 161	36,5x8x122	V680	171016	378		+0,5d	V199N6		383
	+1,0S	V680N3		378		+0,2d	V199N7		383
99 432 837	35,9x8x122	V681	171055	378		+1,2S/+0,5d	V199N9		383
	+1,0S	V681N3		378					

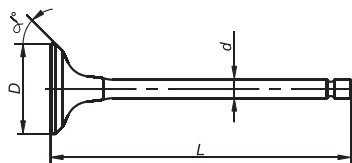
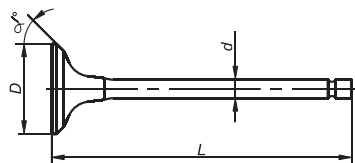
									
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R.V.I.					R.V.I.				
500 046 567 7701 463 603 7701 203 675 5000 278 461	36,6x9,5x123,3	V200		383	5000280785 5000280784 5000 678 873 5000 678 652 5010359501 5010412164 5000667762 5000676258 5000663529 5000663469 5010284847 5010284848 5000824990 5000824991	38x8x152,7	V1222		385
	+0,3S	V200N		383		34x8x128,9	V1223		385
	+0,5S	V200N1		383		52x11x155,1	V1301	2520	385
	+0,8S	V200N2		383		43x11x155,5	V1302	2504	385
	+1,2S	V200N3		383		60x12x204,4	V1353	59121	386
	+0,5S/+0,2d	V200N5		383		52x12x205,1	V1354	59115	386
	+0,5d	V200N6		383		42x8x185,5	V1417	48306	386
	+0,2d	V200N7		383		38x8x185,5	V1418	48307	386
	+1,2S/+0,5d	V200N9		383		46,5x10x140,2	V1651	59108	384
	48,9x12x148,5	V304	2530	386		40,6x10x140,2	V1652	59109	384
	41x8x120,7	V326	17062	382		54x9x163,3	V1653	598142	385
	+1,0S	V326N3		382		48x9x163,1	V1654	598141	385
	34,4x8x122	V327	17063	382		43x9,5x179,2	V1729		386
	+1,0S	V327N3		382		39,9x9,5x177,5	V1730		386
	55,9x12x148,9	V339	2531	386		40x8x192	V1879		386
	44,3x9,5x122,9	V343	105-03365	383		38x8x192,7	V1880		386
	+0,075d	V343.1		383		44,2x9,5x122,8	V1941	105-35608	383
	+0,4d	V343.2		383		45,8x10x140,2	V2163	597673	384
	+0,3S	V343N		383		39x10x140,2	V2164	425351	384
	+0,5S	V343N1		383		44,9x9,5x173,8	V2347		386
5000 046 570 5001836573 5000 046 569 3142 L071 3142 A051	+0,8S	V343N2		383		42x9,5x172,8	V2348		386
	+1,2S	V343N3		383	ROLLS-ROYCE				
	+0,5S/+0,2d	V343N5		383		42x7x104	V1177	11673	387
	+0,5d	V343N6		383		36x7x103	V1178	11672	387
	+0,2d	V343N7		383	ROMAN DIESEL				
	+1,2S/+0,5d	V343N9		383		55,9x12x148,9	V303	2554	387
	36,6x9,5x123,3	V344	105-03366	383		48,9x12x148,5	V304	2530	387
	+0,075d	V344.1		383		55,9x12x148,9	V339	2531	387
	+0,4d	V344.2		383	ROTAX				
	+0,3S	V344N		383		31x5x91	V2219		387
	+0,5S	V344N1		383		27x5x89,4	V2220		387
	+0,8S	V344N2		383		38x6x90,3	V2369		387
	+1,2S	V344N3		383		30,9x6x90,6	V2370		387
	+0,5S/+0,2d	V344N5		383	ROVER				
	+0,5d	V344N6		383	14711— PG6— 000 14721— PG6— 000	30x6,6x105,5	V1015	V3436	388
	+0,2d	V344N7		383		27x6,6x104,6	V1016	S4276	388
	+1,2S/+0,5d	V344N9		383	1134 1 736 549 1134 1 741 231 LGH 10029	32,9x6x106,1	V1131	11960	390
	51,9x12x148,5	V406	2510	386		30,4x6x105,7	V1132	11964	390
	35,9x8x122	V681	171055	382		34,9x6x104,1	V1281	11539	390
	+1,0S	V681N3		382		30,4x6x103,6	V1282	11897	390
	56,9x12x148,9	V690	2521	386		27,7x6x89,6	V1329	105-354 74	388
	45x9,5x122,9	V1077	105-35459	384					
	+1,0S	V1077N3		384					
	37,5x9,5x123,3	V1078	105-35460	384					
	+1,0S	V1078N3		384					
	34x8x125,9	V1221		385					

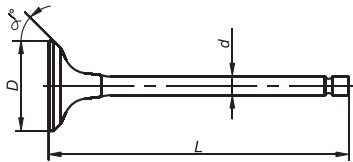
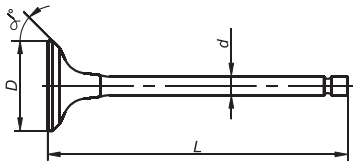
									
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ROVER					ROVER DIESEL				
LGH 10028	24,2x6x90	V1330	105-354 75	388	LGH 100980	32,5x7x86,7	V1334	801006	393
LGH 10064	31,5x6x89,6	V1331	801 003	389	1134 7 791 054	30,6x6x100	V1487		391
LGH 10065	27,5x6x90	V1332	801 004	389	1134 7 791 055	28x6x99,8	V1488		391
WAM 4002	33,6x7x90,5	V1431	105-35484	388	LGH 10036	37,2x7,4x93,8	V1489	105-35457	393
WAM 4003	31,2x7x91	V1432	105-35485	388	LGH 10037	33,6x7,4x93,8	V1490	105-35458	393
LGH 101310	30x5,5x118,7	V1503		389	ERR1157	39,5x8x116,5	V1647	105-35476	393
LGH 101330	26x5,5x116	V1504		389	ERR1156	36,5x8x116,5	V1648	105-35477	393
14711 — PM3— 000	29x5,5x115	V1529	V3816	389	0948.E5	27,2x6x95,8	V1723		393
14721-PM3-000	24,9x5,5x118,7	V1530	S3817	389	0949.E1	25x6x95	V1724		393
LGH 101060	31,9x7,1x110,8	V1655	105-35486	390	1311281	27,7x6x97,1	V1725		394
LGH 101000	29,4x7,1x110,8	V1656	105-35487	390	1316137	25,2x6x96,4	V1726		394
1134 1 485 585	30,3x6x109,5	V1705		389	ERR 6611	34,7x7x105,3	V1731		393
1134 7 829 943	23,3x6x118,3	V1706		389	ERR 6612	31,7x7x105,3	V1732		393
LGH 000030	39,9x8,7x117	V2323		390	RUGGERINI				
LGH 000040	24,3x8,7x117	V2324		390	960.49	33x7x95	V425		394
4646005	34,8x5x105,3	V2325		391	960.50	30x7x95	V426		394
4646004	30,9x5x105,1	V2326		391	960.022	30,5x9x105	V661		394
ROVER DIESEL					960.023	30,5x9x105	V662		394
LGH 10052	33x8x111,9	V710	537450	392	960.016	35x9x105	V663		394
	+0,5S	V710N1		392	960.015	35x9x105	V664		394
	+1,0S	V710N3		392	960.58	37x7x84,5	V1083		394
LGH 10053	38,5x8x112,4	V721	531005	392	960.59	33x7x84,5	V1084		394
	+0,5S	V721N1		392	SAAB				
	+1,0S	V721N3		392	45 00 849	32x6x102,1	V511	29375	395
LGH 10051	38,5x8x112,4	V721A	537708	392	45 00 864	29x6x92,2	V512	29354	395
	+0,5S	V721N1		392	905360095	31,2x5x101,4	V1003	341001	395
	+1,0S	V721N3		392	90536164	27,5x5x100,8	V1004	341002	395
LGH 10054	33x8x111,9	V722	537747	392	12786696	35,1x6x102,3	V1069	291109	395
	+0,5S	V722N1		392	12791961	30,1x6x100,9	V1070	291110	395
	+1,0S	V722N3		392	7484801	32x7x108,3	V1945	5200	395
95638449	35,5x7x108,4	V809	157714	391	7500085	29x7x108,3	V1946	105-35501	395
	+1,0S	V809N3		391	9165580	33x7x107,8	V1947	105-35500	396
95638450	30,6x7x108,2	V810	157729	391	12601763	38,6x6x105,8	V2279		396
	+1,0S	V810N3		391	12601762	33,5x6x107,9	V2280		396
STC 2156	35,9x6x103,7	V939	11732	391	9185851	33,1x5x107,5	V2353		396
STC 2149	30,9x6x103,5	V940	11682	391	9179219	29x5x107,9	V2354		396
LGH 101 450	26x6x99,9	V994	111113	392	SAAB DIESEL				
0948.74	37x7x108,5	V1089	537627	391	4772380	29x6x97,1	V953	290002	397
	+0,5S	V1089N1		391	4772414	26x6x97,1	V954	290003	397
0949.80	31,5x7x108,2	V1090	537628	391	641 083	35,5x8x115	V1033	171046	397
	+0,5S	V1090N1		391					
AEU 2296	40,2x8x121	V1167	4077	394					
LGH 10041	34x8x121	V1168	4078	394					
LGH 100990	37,2x7x86,7	V1333	801005	393					

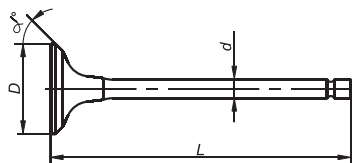
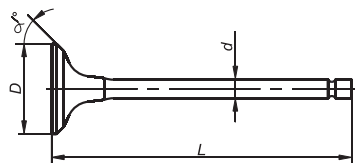
									
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SAAB DIESEL					SCANIA				
641 089	34,5x8x115	V1034	171047	397	294674	54x11x162,5	V595	105-35355	401
641 074	27,8x6x114,4	V1415		397	324675	54x11x162,5	V595A	105-35357	401
641 386	25,8x6x114,4	V1416		397	232018	45x11x162,5	V596	105-34928	401
	27,5x6x98,5	V1779		397	1333230	44x10x171,5	V1365	105-35547	401
	26,5x6x98,1	V1780		397	1445830	41x10x171,5	V1366	105-35548	401
					215715	50x11x169	V1427	105-34961	400
					243648	42x11x169	V1428	105-34965	400
					391608	51x11x162,5	V1615	105-35491	401
					366256	44x11x162,5	V1616	105-35504	401
					1386647	46x11x162,5	V1949	105-35626	402
					1414395	41x11x162,5	V1950	105-35627	402
					185 4798	44x10x171,4	V2133	105-35639	402
					177 8492	41x10x171,5	V2134	105-35638	402
					2032823	41x10x171,6	V2264		402
					272804	54x11x162,5	V2401	105-35036	401
					SEAT				
					4 265 695	29x7x95,3	V257	17004	402
					4 377 979	26x7x95,7	V258	17021	402
					030 109 601C	36x8x98,9	V645	39255	405
					030 109 611A	28,9x8x99,1	V646	39114	405
					030 109 601E	32x8x99,3	V682	39268	405
					026 109 611A	33,2x8x91	V702	33048	408
					053 109 611	33,2x8x91	V702B	3347	408
					047 109 601D	34x7x101,4	V703	331053	403
					047 109 611D	30,1x7x101,4	V704	331054	403
					035 109 601H	38x8x91	V754	33034	408
					027 109 601C	32x7x95,5	V779	33125	408
					027 109 611D	28x7x98,2	V780	33050	408
					030 109 601 AH	35,6x7x94,7	V783	39530	406
					032 109 611G	29x7x95	V784	39467	406
					035 109 601K	38x8x91,9	V796	33282	408
					058 109 601C	26,9x6x105,1	V839	33413	409
					058 109 611M	29,9x6x103,9	V840	33394	409
					030 109 601N/M	32x7x99,3	V847	390058	404
					030 109 611D	28,9x7x99,1	V848	39363	404
					030 109 601 AG	31x7x94,7	V851	39542	403
					030 109 611N	26x7x94,4	V852	39515	403
					078 109 601B	39,5x7x91,9	V869	33403	407
					048 109 611B	32,9x7x91,2	V870	33416	407
					030 109 601L	36x7x99,3	V874	331100	405
					051 109 601B	32x7x95,5	V889	33308	409
					051 109 611B	27x7x98	V890	33309	409
					048 109 601A	39,5x8x91,9	V899	33313	411
					032 109 601G	34,6x7x94,8	V922	39367	407
					021 109 601L	39x7x106	V929	331040	410
					021 109 611F	34,2x7x107	V930	331030	410
					036 109 601S	29,5x6x100,9	V957	39522	406
SACM									
DLT 55651	56,6x12x212,4	V473		397					
DLT 55863	51,2x12x212,1	V474		397					
SAMAND									
	31,2x5,5x109,3	V2377		397					
	26,6x5,5x109,3	V2378		397					
SAME									
	48x9x139	V1525	22221	398					
	42x9x139	V1526	22220	398					
SAURER									
463 0051 150	43,9x10x166,9	V1285	3108	398					
463 0005 141	38,9x10x166,9	V1286	3110	398					
463 0051 160	43,9x10x166,9	V1287	3109	398					
SAVIEM									
	55,9x12x148,9	V303	2554	399					
	48,9x12x148,5	V304	2530	399					
	55,9x12x148,9	V339	2531	399					
	58x12x148,9	V405	2505	400					
	51,9x12x148,5	V406	2510	400					
	58x12x142,5	V455	25237	400					
	+0,5S	V455N1		400					
	+1,0S	V455N3		400					
	51x12x142,5	V456	25238	400					
	+0,5S	V456N1		400					
	+1,0S	V456N3		400					
	57x12x142,5	V461	2573	400					
	58x12x142,5	V691	2507	400					
	52x11x155,1	V1301	2520	399					
	43,1x11x155,5	V1302	2504	399					
	45,8x10x140,2	V2163	597673	398					
	39x10x140,2	V2164	425351	398					
5000 044 429	46x10x140	V2165		398					

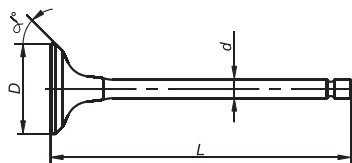
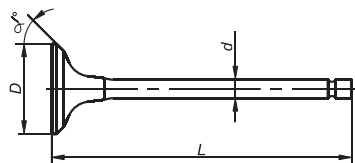
									
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SEAT					SEAT DIESEL				
036 109 611K	26x6x100,5	V958	39523	406	068 109 611L	31,2x8x95	V544	39116	414
3940 3030	32x7x103	V1039	7102	405		+0,3S	V544N		414
3940 3040	28x7x103	V1040	7103	405		+0,5S	V544N1		414
3940 2830	34x7x103	V1045	7100	411		+0,8S	V544N3		414
3940 2840	30x7x103	V1046	7101	411		+1,5S	V544N4		414
030 109 601G	34x7x99	V1067	39360	405		+1,0S	V544N5		414
036 109 601P	29,5x6x97,9	V1107	331037	406	030 109 611A	28,9x8x99,1	V646	39114	411
036 109 611L	26x6x97,3	V1108	331038	406	615 053 0101	38,8x10x131,5	V651	2622	419
030 109 601AL	33,5x6x99,2	V1109	331046	406		+1,0S	V651N3		419
030 109 611T	28x6x99,2	V1110	331047	404	615 053 0705	33,2x10x131	V652	2696	419
022 109 601E	31x6x102,1	V1217	331041	410		+1,0S	V652N3		419
022 109 611C	27x6x136,4	V1218	331042	410	069 109 601F	36x8x95,1	V697	39123	413
022 109 601F	31x6x136	V1219		410		+0,5S	V697N1		413
022 109 611B	27x6x102,5	V1220		410		+0,8S	V697N3		413
032 109 601L	34,5x6x99,2	V1265		404	069 109 601H	36x8x95,1	V697A	39143	414
048 109 601E	38x7x91,8	V1293	33410	409		+0,5S	V697N1		414
06B 109 601D	39,4x6x93,8	V1379	331057	408		+0,8S	V697N3		414
06B 109 611C	32,9x6x93,8	V1380	331058	408	074 109 611	31,2x8x95,1	V698	33049	413
030 109 601AK	31x6x99	V1439	331057	403		+0,5S	V698N1		413
030 109 611S	26x6x99	V1440	331057	403		+0,8S	V698N3		413
06D 109 601K	33,8x6x104	V1605	331057	411	030 109 601	34x8x99,1	V719	39262	411
06D 109 611K/L	28x6x101,9	V1606	331116	411	069 109 601D	36x8x104,9	V756	3909	413
058 109 611E	29,9x6x103,9	V1634	331107	410		+0,5S	V756N1		413
03F 109 601A	35,4x6x98,7	V1957		404		+1,0S	V756N3		413
03F 109 611B	30x6x98,4	V1958		404	028 109 601B	36x7x95,5	V805	331035	414
06D 109 601M	33,8x6x104	V2027	331125	411		+0,5S	V805N1		414
04E 109 601	29,5x5x110,3	V2135		404	028 109 611E	31,1x7x95,6	V806	331036	414
04E 109 611L	26,9x5x110,3	V2136		404		+0,5S	V806N1		414
04E 109 601B	28,5x5x110,3	V2177		404	028 109 601D	36x7x96,9	V811	39486	415
04E 109 611J	25,1x5x110,1	V2178		404		+0,5S	V811N1		415
04E 109 601A	26,4x5x110,2	V2355	331156	404	028 109 611G	31,4x7x96,9	V812	39487	415
04E 109 611K	23,5x5x110,2	V2356	331157	404		+0,5S	V812N1		415
SEAT DIESEL					028 109 601H	36x8x96,8	V821	39423	415
7 301 820	41x8x120,7	V326	17062	419		+0,5S	V821N1		415
	+1,0S	V326N3		419	046 109 611F	31,5x8x96,9	V822	33380	415
7 301 821	34,4x8x122	V327	17064	419		+0,5S	V822N1		415
	+1,0S	V327N3		419	028 109 601J	36x7x96,5	V831	39502	415
068 109 611C	31,2x8x104,6	V542	33029	413		+0,5S	V831N1		415
	+0,3S	V542N		413	028 109 611K	31,5x7x96,3	V832	39503	415
	+0,5S	V542N1		413		+0,5S	V832N1		415
	+0,8S	V542N3		413	030 109 611D	28,9x7x99,1	V848	39363	412
	+1,5S	V542N4		413	038 109 601B	36x7x90	V919	331033	412
	+1,0S	V542N5		413		+0,5S	V919N1		412
						+1,0S	V919N3		412
					038 109 611B	31,5x7x90	V920	331034	412
						+0,5S	V920N1		412
						+1,0S	V920N3		412

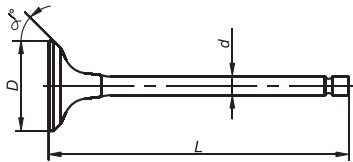
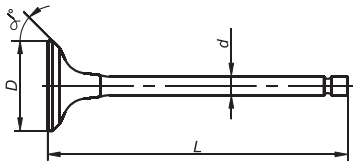
									
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SEAT DIESEL					ŠKODA				
4 368 843	38,4x8x126	V1027	17038	418	441 0 1209 311.6	31,2x8x99,8	V573	4003	420
4 368 845	33,4x8x126	V1028	17039	418	441 0 1209 312.6	32,2x8x99,8	V574	4011	421
030 109 601J	34x7x99	V1067	39360	412	441 0 1209 327.6	+0,25d	V361		421
03G 109 601A	29,4x6x88,5	V1491	331119	417	441 0 1209 320.6	34x8x99,8	V575	54113	421
03G 109 611B	25,5x6x88,2	V1492	331120	417	441 0 1209 318.6	+0,25d	V356		421
03G 109 601B	29,2x6x87,8	V1607	331121	418	053 109 611	33,2x8x91	V702B	33047	423
03G 109 611D	25,4x6x87,5	V1608	331122	418	047 109 601D	34x7x101,4	V703	331053	422
038 109 601E	36x7x89,5	V1663	331123	413	047 109 611D	30,1x7x101,4	V704	331054	422
	+0,5S	V1663N1		413	030 109 601 AH	35,6x7x94,7	V783	39530	422
038 109 611E	31,5x7x89	V1664	331124	413	032 109 611G	29x7x95	V784	39467	422
	+0,5S	V1664N1		413	035 109 601J	38x8x91,9	V796	33282	423
03L 109 601	28,1x6x99,3	V1693	331131	418	058 109 601C	26,9x6x105,1	V839	33413	423
03L 109 611	26x6x99,1	V1694	331132	418	058 109 611M	29,9x6x103,9	V840	33438	423
038 109 611F	31,5x7x89,5	V1832		417	030 109 601 AG	31x7x94,7	V851	39542	420
03L 109 601A	26,6x6x99,3	V2029		412	030 109 611N	26x7x94,4	V852	39515	420
03L 109 611A	24,5x6x99,1	V2030		412	078 109 601B	39,5x7x91,9	V869	33403	423
S.E.M.T. PIELSTICK					048 109 611B	32,9x7x91,2	V870	33416	423
24 018 0165 00	64x14x222	V362		419	036 109 601S	29,5x6x100,9	V957	39522	422
24 018 0392 00	63x14x250	V363		419	036 109 611K	26x6x100,5	V958	39523	422
3-02996-80	64x14x222	V509		419	36 109 601P	29,5x6x97,9	V1107	331037	422
3-01076-80	63x14x250	V510		419	36 109 611L	26x6x97,3	V1108	331038	422
25 018 0461 00	67x14x232	V521		419	030 109 611T	28x6x99,2	V1110	331047	422
25 018 0329 00	65x14x260	V522		419	032 109 601L	34,5x6x99,2	V1265		422
ŠKODA					06B 109 601D	39,4x6x93,8	V1379	331057	423
10 215 1209	28,2x7,5x99,8	V74	4223	420	06B 109 611C	32,9x6x93,8	V1380	331058	423
10 219 1209	+0,25d	V158		420	047 109 601F	34x7x103,8	V1469	331051	420
10 197 1209	31,2x7,5x99,8	V75	4224	420	047 109 611B	27x7x103,8	V1470	331052	420
10 201 1209	+0,25d	V244		420	06D 109 601K	33,8x6x104	V1605	331116	424
441 0 1209 270.6	32,2x7,5x99,8	V193	4374	420	06D 109 611K/L	28x6x101,9	V1606	331117	424
441 0 1209 260.6	27,2x7,5x99,8	V194	4375	420	058 109 611E	29,9x6x103,9	V1634	331107	424
441 0 1209 264.6	27,2x8x99,8	V195	4311	421	03F 109 601A	35,4x6x98,7	V1957		420
441 0 1209 328.6	+0,25d	V359		421	03F 109 611B	30x6x98,4	V1958		420
441 0 1209 266.6	32,2x8x99,8	V198	4004	421	06D 109 601M	33,8x6x104	V2027	331125	424
441 0 1209 327.6	+0,25d	V361		421	04E 109 601	29,5x5x110,3	V2135		421
441 0 1209 310.6	27,2x8x99,8	V351	54110	421	04E 109 611L	26,9x5x110,3	V2136		421
441 0 1209 328.6	+0,25d	V359		421	04E 109 601B	28,5x5x110,3	V2177	331158	421
441 0 1209 321.6	29x8x99,8	V352	54114	421	04E 109 611J	25,1x5x110,1	V2178	331159	421
441 0 1209 355.6	+0,25d	V360		421	04E 109 601A	26,4x5x110,2	V2355		420
441 0 1209 322.6	32,2x8x99,8	V355	54109	421	04E 109 611K	23,5x5x110,2	V2356		420
441 0 1209 346.6	34x8x101,3	V366	54117	421	ŠKODA DIESEL				
441 0 1209 347.6	30x8x101,8	V367	54118	421	069 109 601F	36x8x95,1	V697	39123	425
	+0,25d	V370		421		+0,5S	V697N1		425
047 109 601	34x8x101,5	V513		421		+0,8S	V697N3		425
047 109 611	30,1x8x101,5	V514		421	074 109 611	31,2x8x95,1	V698	33049	425
						+0,5S	V698N1		425
						+0,8S	V698N3		425

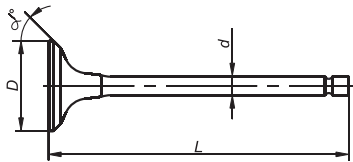
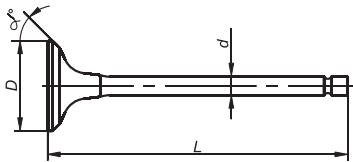
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028 109 601B	36x7x95,5 +0,5S	V805 V805N1	331035	425	660 053 0101	27,6x6x91,2	V1597		429
028 109 611E	31,1x7x95,6 +0,5S	V806 V806N1	331036	425	660 053 0005	25,2x6x91,2	V1598		429
028 109 601D	36x7x96,9 +0,5S	V811 V811N1	39486	426	642 053 0401	28,5x6x102,3	V1743		429
028 109 611G	31,4x7x96,9 +0,5S	V812 V812N1	39487	426	642 050 0527	25,4x6x102,3	V1744		429
028 109 601H	36x8x96,8 +0,5S	V821 V821N1	39423	427	SSANG YONG				
046 109 611F	31,5x8x96,9 +0,5S	V822 V822N1	33380	427	111 053 1101	35x7x101,5	V1229	26048	430
028 109 601J	36x7x96,5 +0,5S	V831 V831N1	39502	426	111 050 1227	31x7x103,5	V1230	26049	430
028 109 611K	31,5x7x96,3 +0,5S	V832 V832N1	39503	426	111 053 0101	35x7x101,5	V1547	26208	430
059 109 601B	27,1x6x100,5	V879	33463	424	111 050 0527	31x7x103,5	V1548	261114	430
059 109 611B	24,1x6x100,5	V880	33464	424	SSANG YONG DIESEL				
038 109 601B	36x7x90 +0,5S	V919 V919N1	331033	426	601 053 1701	38x8x106,4 +0,5S	V653 V653N1	26024	431
038 109 611B	31,5x7x90 +0,5S	V920 V920N1	331034	426		+0,8S	V653N2		431
	+1,0S	V920N3		426		+1,0S	V653N3		431
059 109 601F	27,1x6x100,6	V1277	331110	424		+1,2S	V653N4		431
059 109 611G	24,1x6x100,6	V1278	331111	424		+1,0L	V653N5		431
03G 109 601B	29,2x6x87,8	V1607	331121	427	83EM6207BB	42,5x8,5x116	V793	537944	431
03G 109 611D	25,4x6x87,5	V1608	331122	427	83EM6205AB	35,5x8,5x116,3	V794	538210	431
059 109 601G	28,6x6x99,3	V1609		428	601 050 2327	35x9x106,4 +0,5S	V912 V912N1	26145	431
059 109 611K	26,8x6x99,2	V1610		428		+0,8S	V912N2		431
038 109 601E	36x7x89,5 +0,5S	V1663 V1663N1	331123	425		+1,0S	V912N3		431
038 109 611E	31,5x7x89 +0,5S	V1664 V1664N1	331124	425		+1,2S	V912N4		431
03L 109 601	28,1x6x99,3	V1693	331131	428		+1,0L	V912N5		431
03L 109 611	26x6x99,1	V1694	331132	428		30,5x6x109	V1369		431
038 109 611F	31,5x7x89,5	V1832		426		27,5x6x108,7	V1370		431
03L 109 601A	26,6x6x99,3	V2029		425	STEYR				
03L 109 611A	24,5x6x99,1	V2030		425	102 053 1801	43x8x115	V991	26160	432
SMART					102 050 0327	39x9x115,8	V992	2655	432
160 053 0001	30x6x89,3	V1125	261104	428	102 053 1701	46x8x114,9	V993	26135	432
160 050 0027	25x6x89,3	V1126	261105	428	111 053 0201	35x7x101,5	V1547	26208	432
1350530001	30,4x5x89,6	V1861		429	111 050 0527	31x7x103,5	V1548	261114	432
1350530005	25,4x5x90,9	V1862		429	113 053 0101	36x7x119,4	V1551	261032	432
132 053 0001	28x5x85,5	V2137		429	113 050 0227	41x7x122,3	V1552	261033	432
132 053 0005	25x5x86,9	V2138		429	113 053 0201	38x7x119,1	V1553	261034	432
					113 050 0327	43x7x121,8	V1554	261035	432
					STEYR DIESEL				
					407 0501	41,9x9x142,5	V177	3290	434
					407 0502	36,9x9x142,5	V178	3291	434
					610 6005 0002	39x10x149,5 +1,5S	V345 V345N3	3275	435

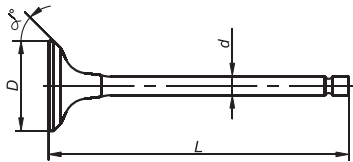
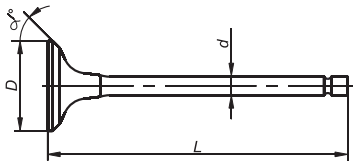
									
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STEYR DIESEL					SUBARU				
614 6005 0007	50,9x12x158,5	V346	3294	435	12915-71C00	25x5,5x79,9	V1336	S4320	436
615 6005 0006	48,9x12x158,4	V347	32150	435	13201-AA080	32,5x6x101	V1401		438
311 0005 0014	42x9x142,5	V349	3218	434	13202-AA110	28x6x101,2	V1402		438
311 0005 0015	37x9x142,5	V350	3219	434	13201-AA361	36x6x120,6	V1403		438
609 F05 0002	45x10x149,5	V535	3280	435	13202-AA371	31,4x6x121,7	V1404		438
	+1,5S	V535N3		435	12911- 54G00	30x5,5x101	V1471		436
610 6005 0001	48x10x149,5	V634		435	12915-54G00	25x5,5x99	V1472		436
	+1,5S	V634N3		435		31x6,6x100,9	V1619	V4324	436
615 053 0101	38,8x10x131,5	V651	2622	433		33x6,6x101	V1620	S4325	436
	+1,0S	V651N3		433	13201-AA351	34x6x120,6	V1809		437
615 053 0705	33,2x10x131	V652	2696	433	13202-AA361	30x6x121,6	V1810		437
	+1,0S	V652N3		433	13201-AA371	35,9x6x104,4	V1811		438
601 053 1701	38x8x106,4	V653	26024	433	13202-AA400	32x6x104,6	V1812		438
	+0,5S	V653N1		433	13201-AA420	32,5x6x120,6	V1925	791003	437
	+0,8S	V653N2		433	13202-AA430	28,5x6x121,7	V1926	791004	437
	+1,0S	V653N3		433	13201-AA430	34x6x120,6	V1927		437
	+1,2S	V653N4		433	13202-AA440	32x6x104,7	V1928		437
	+1,0L	V653N5		433		29,3x6x104,5	V2007		436
616 053 0301	39,8x10x131,5	V655	2605	434		24x6x105,7	V2008		436
	+1,0S	V655N3		434	13711-47010	28,9x5,5x103,4	V2139		436
616 050 0527	34,2x10x131	V656	2631	434	13715-47010	24,3x5,5x104,6	V2140		436
	+1,0S	V656N3		434		35x5,5x99,8	V2179		437
615 6005 0022	50,9x11x159,4	V683	32104	436		30,5x5,5x105,25	V2180		437
615 6005 0027	48,9x11x158,4	V684	32111	436	13202-AA381	32x6x104,7	V2224		437
	42x10x136,3	V746	2560	435	13202-AA530	30,5x5,5x105,2	V2226		437
	29x6x105,4	V907	26045	433	13201-AA530	29,3x6x104,4	V2357		436
	26x7x105,7	V908	26047	433	13202-AA560	24x6x105,7	V2358		436
601 050 2327	35x9x106,4	V912	26145	433	SUBARU DIESEL				
	+0,5S	V912N1		433	641 072	21,7x6x109,2	V1413		438
	+0,8S	V912N2		433	641 071	21,7x6x109,2	V1414		438
	+1,0S	V912N3		433		30,6x6x100	V1487		438
	+1,2S	V912N4		433		28x6x99,8	V1488		438
	+1,0L	V912N5		433		22,45x6x109,2	V1873		438
	49x10x136,6	V932	25127	435		22,5x6x109,2	V1874		438
	26x6x105,7	V1054	26046	433	SUZUKI				
	29x6x105,4	V1059	26264	433	22211-21010	34x6,6x102,1	V1145	V3142	440
	26x6x105,7	V1060	26265	433	22212-21004	30x6,6x100,9	V1146	S3143	440
611 60 05 0001	45x9x142,5	V2381	3216	434	12911-82000	36x7x115,5	V1307	V3663	439
611 60 05 0002	36,9x9x142,5	V2382	3217	434	12915-82000	30x7x114,5	V1308	S3664	439
SUBARU					12991-71 C00	29,2x5,5x92,2	V1335	V4319	440
	32x6x102,1	V511	29375	437	12915-71 C00	25x5,5x79,9	V1336	S4320	440
	29x6x92,2	V512	29354	437	12911- 54G00	30x5,5x101	V1471		441
13201-AA340	36x6x105,9	V1243		437	12915- 54G00	25x5,5x99	V1472		441
13202-AA320	32x6x106,2	V1244		437	12911- 60A10	36,5x7x115,6	V1577		441
12911- 82000	36x7x115,5	V1307	V3663	436	12915- 60A50	32,5x7x114,5	V1578		441
12915- 82000	30x7x114,5	V1308	S3664	436					
12911- 71C00	29,2x5,5x92,2	V1335	V4319	436					

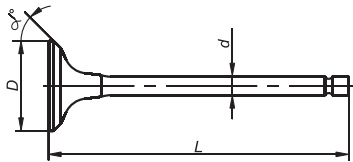
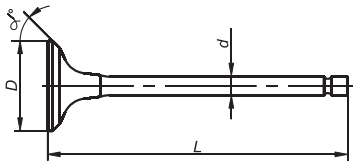
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SUZUKI					SUZUKI DIESEL					
12911— 69G00	30x6x100,8	V1635	V3661 S3662	441	12915— 85E00	21,7x6x109,2	V1414	531 005 537 747	442	
12915— 69G00	25x6x99	V1636		441	12911— 73J00	24,3x5,5x96,4	V1457		442	
12911 — M84400	26,6x5,5x90,5	V1813		439	12915— 73J00	22,4x5,5x96,6	V1458		442	
12915— M84400	23,4x5,5x87,1	V1814		439		39,4x8x106,8	V1511		444	
12911— 73G00	24,6x5,5x80,2	V1815		439		35,1x8x106,8	V1512		444	
12915— 73G00	21,5x5,5x81,3	V1816		439	12911— 78E00	39,4x8x106,8	V1819		444	
12911— M72F10	34x7x117,5	V1817		439	12915— 78E00	35,1x8x106,8	V1820		444	
12915— M72F10	28,1x7x116,3	V1818		439	12911—68L10—000	22,45x6x109,2	V1873		442	
4708925	27,5x5,5x87,5	V1923		440	12915—68L10—000	22,5x6x109,2	V1874		442	
4708933	22,9x5,5x87,1	V1924		440	TATA DIESEL					
12911 — M73012	31,5x7x110	V1951		439	0948.59	38,5x8x112,4 +0,5S +1,0S	V721 V721N1 V721N3		445	
12915— M73012	27,4x7x109,8	V1952		439	0949.60	33x8x111,9 +0,5S +1,0S	V722 V722N1 V722N3		445	
12911—86500	29x5,5x105,3	V1979		441	279005125104	36x7x109	V1929		444	
12915—86500	24,1x5,5x104,6	V1980		441	279005125105	30,5x7x109	V1930		444	
12911—69L00—000	27,5x5x87,5	V2111		440		36,7x7x114,4	V2421		445	
12915—69L00—000	22,9x5x87,1	V2112		440		30,9x7x114,5	V2422		445	
12911—86F50	33x6x86,3	V2141		442	TATRA					
12915—86F50	28x6x85,9	V2142		442	442 0 1209 020.4	52x10x144	V214		445	
12911—65J01	33x6x93,6	V2405		442	442 0 1209 021.4	48x10x144	V215		445	
12915—65J01	27,9x6x93,3	V2406		442	442 0 1209 022.4	52x10x138	V331		445	
SUZUKI DIESEL					442 0 1209 023.4	48x10x138	V332		445	
LGH 10052	33x8x111,9 +0,5S +1,0S	V710 V710N1 V710N3		537 450	928 1 0410.1	52x10x144	V371		445	
LGH 10053	38,5x8x112,4 +0,5S +1,0S	V721 V721N1 V721N3		531 005	928 1 0411.1	45x10x144	V372		445	
LGH 10051	38,5x8x112,4 +0,5S +1,0S	V721A V721N1 V721N3		537 708	442 0 1209 026.8	52x10x144	V1351		445	
LGH 10054	33x8x111,9 +0,5S +1,0S	V722 V722N1 V722N3	537 747	442 0 1209 027.8	45x10x144	V1352	445			
12910— 67JG0	35,4x7x111	V951	511013	TORPEDO						
12915— 67JG0	32,6x7x110,8	V952	511014	V500 0614	50x11,5x137	V19	445			
13201— BN700	33,4x6x101	V979	539017	500 0615a	42x11,5x137	V20	445			
13202—BN700	28,9x6x100,8	V980	539018	101 0614b	44x10x180	V21	446			
RF01—12—111	41x8x107	V1023	V3639	600 0614	53x11x167	V23	446			
RF01—12—121	36x8x106,8	V1024	S3640	600 0615	48x11x167	V24	446			
	35,5x8x115	V1033	171046	T 701 0615	32x8x114,5 +0,5S +1,0S	V31 V31N1 V31N3	446			
	34,5x8x115	V1034	171047				446			
0948.95	35,6x6x107,1	V1085	531003	T 701 0614	32x8x114,5 +0,5S +1,0S	V32 V32N1 V32N3	446			
0949.96	33,8x6x107,1	V1086	531004				446			
0948.C0	29,9x6x106,2	V1313	531017	V 500 0615b	42x11,5x137	V34B	445			
0949.A9	25x6x106,1	V1314	531018	B 700 0614	38x8x114,5 +0,5S +1,0S	V173 V173N1 V173N3	446			
12911— 85E00	21,7x6x109,2	V1413					446			

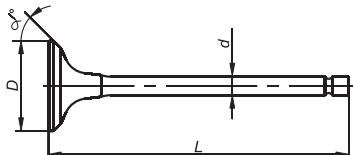
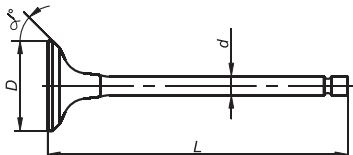
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B 700 0615	34x8x114,5	V174		446	13711-31100	38x5,5x105,9	V2331		452
	+0,5S	V174N1		446	13715-31120	32x5,5x110,4	V2332		452
	+1,0S	V174N3		446	13711-75110	37,5x5,5x106,4	V2359		452
D 700 0614	38x8x120,5	V353		446	13715-75100	31,6x5,5x106,9	V2360		452
D 700 0615	34x8x120,5	V354		446	13711-71010	40x8x108,3	V2403		450
TOYOTA					TOYOTA DIESEL				
13711-10020	30x6x92,3	V1019	V3406	447		36x10x140,5	V169	1604	456
13715-10030	31x6x92,3	V1020	S3408	447		+1,0S	V490N3		456
13712-10010	21x6x98,7	V1021	V3407	447		36x10x140,5	V488	16122	456
13711- 23030	26x5x88,2	V1249	711007	446		42,8x9x140,5	V489	16109	456
13715- 23030	22,6x5x89,2	V1250	711008	446		+1,0S	V489N3		456
13711- 21010	30,5x5x89,2	V1337	711009	448		36x10x140,5	V490	16106	456
13715- 21010	25,5x5x87,9	V1338	711010	448		+1,0S	V490N3		456
13711- 74101	32x6x97,5	V1339	711013	451	0949.73	33x8x111,9	V710	537450	453
13715- 74100	27x6x98,5	V1340	711014	451		+0,5S	V710N1		453
13711- 15030	30x6x91,3	V1473	V3447	450		+1,0S	V710N3		453
13715- 15030	24,5x6x91,9	V1474	S3444	450	0948.59	38,5x8x112,4	V721	531005	453
13711- 02050	31,1x6x87,5	V1475	711011	450		+0,5S	V721N1		453
13715- 16060	24,5x6x87,9	V1476	711012	450		+1,0S	V721N3		453
13711- 22040	31x5,5x88,7	V1477	711017	449		44x9x140,5	V931	1637	456
13715-22040	26,1x5,5x88,7	V1478	711018	449		+1,0S	V505N3		456
13711-28010	33,9x5,5x101,7	V1479	711022	451	SU001-00551	32,8x5,5x97,3	V1205	181102	453
13715-28010	29,5x5,5x101,1	V1480	711023	451	SU001-00552	30,3x5,5x97,3	V1206	181103	453
13711-15010	36x7x106,7	V1523	V3245	448	13711-64011	38,5x8x105,6	V1345	V3593	453
13715-15010	31x7x106,7	V1524	S3246	448	13715-64010	32,5x8x106,5	V1346	V3594	453
13711-11010	28,5x6x93,5	V1603	V4295	448	13711-54020	42,5x8x103,5	V1387	V4291	455
13715-11030	24,5x6x94	V1604	S4296	448	13715-67020	37x8x103,5	V1388	711024	456
13711-40040	27,4x5x88,4	V1721		447	13711-17020	33x7x127,2	V1391		455
13715-40040	23,6x5x89,2	V1722		447	13715-17030	30,5x7x126,8	V1392		455
13711-37020	32x5,5x109,4	V1799		450	13715-64030	32,4x8x105,3	V1482	711026	453
13715-37030	27,5x5,5x108,3	V1800		450	13715-54040	36x8x103,3	V1484	S4292	455
13711-88600	34x5,5x111,3	V1801		449	13711-27010	28x6x102,6	V1485	711020	453
13715-88601	29x5,5x111,7	V1802		449	13715-27010	24x6x102	V1486	711021	453
13711-22030	32x5,5x88,7	V1803		449	13711-33030	30,6x6x100	V1487		452
13715-22030	27,5x5,5x88,7	V1804		449	13715-33040	28x6x99,8	V1488		452
13711-70060	29,5x5x91,7	V1905		452	13711-54010	42,6x8,5x123	V1583	V3244	454
13715-70080	25x5x91,8	V1906		452	13715-54020	35x8,5x122,8	V1584	S3248	454
13711-47010	28,9x5,5x103,4	V2139		447	13711- OR010	30,1x6x104,3	V1661		454
13715-47010	24,3x5,5x104,6	V2140		447	13715- OR010	27x6x104,1	V1662		454
13711-20020	34x5,5x95,3	V2145		452	13711-30030	32,2x6x105,4	V1675		456
13715-20020	27,3x5,5x95,3	V2146		452	13715-30030	27,7x6x105,4	V1676		456
13711-46021	33,5x6x98,6	V2327		452	13711-54040	42,4x8x104,2	V1805	711030	456
13715-46020	29x6x99,1	V2328		452	13715-67040	37x8x104,2	V1806	711031	456
13711-50060	34,5x5,5x95,1	V2329		452	13711-30040	30,5x6x105,6	V1953		455
13715-50060	29x5,5x95,1	V2330		452	13715-30040	26,5x6x105,8	V1954		455

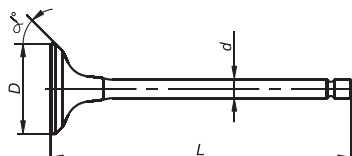
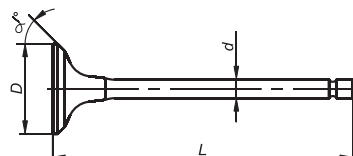
									
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4-80005 014	49,3x10x138,9 +1,0S	V87 V87N3	4484	457	113 109 601A	31,5x8x111,8	V318	33005	470
4-80005 015	41,3x10x138,9 +1,0S	V315 V315N3	4144	457	113 109 612	30x8x111,8	V319	33007	470
89-005 915	49,2x10x139 +1,0S	V333 V515N3		457	036 109 601B	34x8x104	V545	3361	460
5050 506	39,2x8x129,5 +0,5S	V475 V475N1		457	036 109 601F	31,5x8x104	V546	39129	462
	+1,0D/+0,5S	V475N2		457	052 109 611A	28,2x8x104	V547	3910	460
	+1,0S	V475N4		457	030 109 601C	36x8x98,9	V645	33046	463
5050 505	33,2x10x129,5 +0,5S	V476 V476N1		457	030 109 601F	36x8x98,9	V645A	39255	462
	+1,0D/+0,5S	V476N2		457	030 109 611A	28,9x8x99,1	V646	39114	462
	+1,0S	V476N4		457	036 109 601	34x8x104	V647	3341	460
5000 849	44,5x9x145 +1,0D/+0,5S	V815 V815N		457	052 109 611	28x8x104	V648	33032	459
5000 848	36,5x9x145 +1,0D/+0,5S	V816 V816N		457	030 109 601E	32x8x99,3	V682	39268	462
				457	052 109 601	31,5x8x104	V692	33043	459
					026 109 601C	40x8x91	V701	39136	472
					026 109 611A	33,2x8x91	V702	33048	473
					053 109 611	33,2x8x91	V702B	33047	472
					036 109 601A	34x8x110,5	V711	3362	461
					036 109 611	28,2x8x110,5	V712	3352	461
					049 109 601F	34x8x98,7	V747	33024	465
					049 109 611F	31,2x8x98,5	V748	33025	465
					049 109 601A	38x8x105,7	V749	3322	471
					049 109 611A	31,2x8x105,5	V750	3320	471
					035 109 601C	38x8x98,7	V751	33022	471
					035 109 611F	33,2x8x98,5	V752	33023	471
					026 109 601	40x8x98,7	V753	39100	474
					035 109 601H	38x8x91	V754	33034	473
					056 109 601A	34x8x98,7	V755	3301	463
					027 109 601C	32x7x95,5	V779	33125	474
					027 109 611D	28x7x98,2	V780	33050	474
					030 109 601 AH	35,6x7x94,7	V783	39530	468
					032 109 611G	29x7x95	V784	39467	465
					035 109 601J	38x8x91,9	V796	33282	475
					056 109 611A	31,2x8x98,5	V799	33002	463
					043 109 611	30x9x111,9	V834	33016	470
					058 109 601C	26,9x6x105,1	V839	33413	478
					058 109 611M	29,9x6x103,9	V840	33438	478
					030 109 601N	32x7x99,3	V847		461
					030 109 611D	28,9x7x99,1	V848	39363	461
					030 109 601 AG	31x7x94,7	V851	39542	459
					030 109 611N	26x7x94,4	V852	39515	459
					078 109 601B	39,5x7x91,9	V869	33403	473
					048 109 611B	32,9x7x91,2	V870	33416	469
					030 109 601L	36x7x99,3	V874	331100	464
					051 109 601B	32x7x95,5	V889	33308	479
					051 109 611B	27x7x98	V890	33309	479
					048 109 601A	39,5x8x91,9	V899	33313	477
					032 109 601G	34,6x7x94,8	V922	39367	469
					021 109 601H	39x7x106	V929	39372	478
U.T.B. UNIVERSAL									
11 502 050	44x8x125,8 +0,3S	V321 V321N	17042	458					
	+0,5S	V321N1		458					
	+1,0S	V321N2		458					
	+1,5S	V321N4		458					
12 702 105	37x8x125,6 +0,3S	V322 V322N	17043	458					
	+0,5S	V322N1		458					
	+1,0S	V322N2		458					
	+1,5S	V322N4		458					
103 02 117	41x11x168,3	V449		457					
103 02 118	37x11x167,6	V450		457					
VAUXHALL „see” OPEL									
VLADIMIRAC									
100-7014-W1	44x9x137	V1355		458					
100-7015-W	38x9x137	V1356		458					
VOLGA									
402.1007010	47,1x9x117,2	V1231		458					
402.1007015	39,1x9x117,3	V1232		458					
13-1007010-B1	47x9x117	V2011		458					
24-1007015	36x9x117,5	V2012		458					

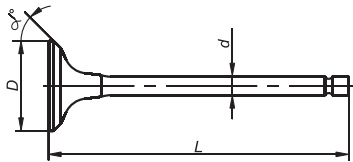
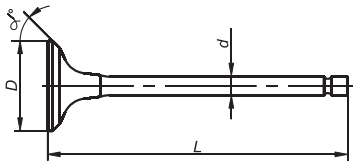
									
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VOLKSWAGEN					VOLKSWAGEN				
021 109 611D	34,2x7x107	V930	39300	478	04E 109 601	29,5x5x110,3	V2135		461
036 109 601S	29,5x6x100,9	V957	39522	467	04E 109 611L	26,9x5x110,3	V2136		461
036 109 611K	26x6x100,5	V958	39523	465	047 109 601B	31,5x7x103,6	V2147		461
030 109 601G	34x7x99	V1067	39360	464	047 109 611B	27x7x103,7	V2148		461
040 109 601	39x8x111,8	V1080	331037	470	03C 109 601L	29,5x6x100,7	V2149		469
036 109 601P	29,5x6x97,9	V1107	331037	470	03C 109 611Q	26x6x100,7	V2150		469
036 109 611L	26x6x97,3	V1108	331038	470	04E 109 601B	28,5x5x110,3	V2177		467
030 109 601AL	33,5x6x99,2	V1109	331046	468	04E 109 611J	25,1x5x110,1	V2178		467
030 109 611T	28x6x99,2	V1110	331047	466	04E 109 601A	26,4x5x110,2	V2355	331156	461
025 109 601	39,9x8x122,4	V1113	39112	484	04E 109 611K	23,5x5x110,2	V2356	331157	461
025 109 612A	33,9x9x122,7	V1114	3911	484	VOLKSWAGEN DIESEL				
311 109 601	35,5x8x111,9	V1127	33009	470	068 109 601C	34x8x104,8	V541	33028	486
311 109 612A	32x8x111,8	V1128	33008	470		+0,3S	V541N		486
036 109 601R	22,5x6x98,7	V1135		469		+0,5S	V541N1		486
036 109 611J	20x6x98,5	V1136		469		+0,8S	V541N3		486
077 109 601Q	26,9x6x96,5	V1137		483		+1,5S	V541N4		486
077 109 611S	29,9x6x95	V1138		483		+1,0S	V541N5		486
022 109 601E	31x6x102,1	V1217	331041	479	068 109 601D	34x8x104,8	V541A	4906	486
022 109 611C	27x6x136,4	V1218	331042	479		+0,3S	V541N		486
022 109 601F	31x6x136	V1219		479		+0,5S	V541N1		486
022 109 611B	27x6x102,5	V1220		479		+0,8S	V541N3		486
00A 109 601A	35x7x101,5	V1229	26048	484		+1,5S	V541N4		486
00A 109 611	31x7x103,5	V1230	26049	484		+1,0S	V541N5		486
032 109 601L	34,5x6x99,2	V1265		465	068 109 611C	31,2x8x104,6	V542	33029	486
048 109 601E	38x7x91,8	V1293	33410	469		+0,3S	V542N		486
06B 109 601D	39,4x6x93,8	V1379	331057	469		+0,5S	V542N1		486
06B 109 611C	32,9x6x93,8	V1380	331058	469		+0,8S	V542N3		486
030 109 601AK	31x6x99	V1439		459		+1,5S	V542N4		486
030 109 611S	26x6x99	V1440		459		+1,0S	V542N5		486
25 109 601B	35,5x8x122,4	V1539	39111	484	068 109 611D	31,2x8x104,6	V542A	4907	486
25 109 612B	30x9x122,7	V1540	3912	484		+0,3S	V542N		486
06D 109 601K	33,8x6x104	V1605	331116	482		+0,5S	V542N1		486
06D 109 611H	28x6x101,9	V1606	331117	480		+0,8S	V542N3		486
046 109 601C	37,8x9x137,2	V1613	3340	465		+1,5S	V542N4		486
046 109 611A	33x9x137	V1614	3323	465		+1,0S	V542N5		486
058 109 611E	29,9x6x103,9	V1634	331107	478	068 109 601L	34x8x95,1	V543	39183	486
06E 109 601Q	32,3x6x104	V1679		482		+0,3S	V543N		486
030 109 601AA	32,1x7x94,5	V1683	39464	465		+0,5S	V543N1		486
022 109 601G	33,2x6x102,4	V1685	331127	483		+0,8S	V543N3		486
022 109 611N	30,2x6x102,3	V1686	331129	483		+1,5S	V543N4		486
022 109 601H	33,2x6x136,3	V1687	331128	483		+1,0S	V543N5		486
022 109 611P	30,2x6x136,1	V1688	331130	483	068 109 601M	34x8x95,1	V543A	39138	487
021 109 601	39,3x8x117	V1857	33014	483		+0,3S	V543N		487
022 109 612D	33x9x117	V1858	33012	483		+0,5S	V543N1		487
03F 109 601A	35,4x6x98,7	V1957		460		+0,8S	V543N3		487
03F 109 611B	30x6x98,4	V1958		460		+1,5S	V543N4		487
06D 109 601M	33,8x6x104	V2027	331125	480		+1,0S	V543N5		487

									
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VOLKSWAGEN DIESEL					VOLKSWAGEN DIESEL				
068 109 611L	31,2x8x95	V544	39116	486	028 109 601J	36x7x96,5	V831	39502	495
	+0,3S	V544N		486		+0,5S	V831N1		495
	+0,5S	V544N1		486	028 109 611K	31,5x7x96,3	V832	39503	495
	+0,8S	V544N3		486		+0,5S	V832N1		495
	+1,5S	V544N4		486	061 109 601	40,5x8x114,6	V877	2048	500
	+1,0S	V544N5		486	061 109 611	35,5x8x114,5	V878	2049	500
068 109 611M	31,2x8x95	V544A	39117	487	059 109 601B	27,1x6x100,5	V879	331055	489
	+0,3S	V544N		487	059 109 611B	24,1x6x100,5	V880	331056	489
	+0,5S	V544N1		487	038 109 601B	36x7x90	V919	331033	493
	+0,8S	V544N3		487		+0,5S	V919N1		493
	+1,5S	V544N4		487		+1,0S	V919N3		493
	+1,0S	V544N5		487	038 109 611B	31,5x7x90	V920	331034	493
030 109 611A	28,9x8x99,1	V646	39114	485		+0,5S	V920N1		493
069 109 601F	36x8x95,1	V697	39123	489		+1,0S	V920N3		493
	+0,5S	V697N1		489	062 109 601	33x7x105	V1193	331113	500
	+0,8S	V697N3		489	062 109 611A	40x7x105	V1194	331112	500
069 109 601H	36x8x95,1	V697A	39143	489	00A 109 601A	35x7x101,5	V1229	26048	500
	+0,5S	V697N1		489	00A 109 611	31x7x103,5	V1230	26049	500
	+0,8S	V697N3		489	059 109 601F	27,1x6x100,6	V1277	331110	490
074 109 611	31,2x8x95,1	V698	33049	491	059 109 611G	24,1x6x100,6	V1278	331111	490
	+0,5S	V698N1		491	J13711-54020	42,5x8x103,5	V1387	V4291	500
	+0,8S	V698N3		491	J13715-54040	36x8x103,3	V1484	711024	500
068 109 601	34x8x104,8	V713	33026	485	03G 109 601A	29,4x6x88,5	V1491	331119	488
	+0,5S	V713N1		485	03G 109 611B	25,5x6x88,2	V1492	331120	488
068 109 611	31x8x104,6	V714	4900	485	13711-54010	42,6x8,5x123	V1583	V3244	500
	+0,5S	V714N1		485	13715-54020	35x8,5x122,8	V1584	S3248	500
030 109 601	34x8x99,1	V719	39262	485	03G 109 601B	29,2x6x87,8	V1607	311121	498
069 109 601C	36x8x104,9	V756	3909	487	03G 109 611D	25,4x6x87,5	V1608	311122	498
	+0,5S	V756N1		487	059 109 601G	28,6x6x99,3	V1609	331123	499
	+1,0S	V756N3		487	059 109 611H	26,8x6x99,2	V1610		499
072 109 601	36x8x104,9	V756A		488	038 109 601E	36x7x89,5	V1663	331124	496
	+0,5S	V756N1		488		+0,5S	V1663N1		496
	+1,0S	V756N3		488	038 109 611E	31,5x7x89	V1664		496
069 109 601	36x8x104,8	V800	3333	487		+0,5S	V1664N1		496
028 109 601B	36x7x95,5	V805	331035	498	045 109 601	36x7x89,6	V1689		485
	+0,5S	V805N1		498	045 109 611	31,5x7x89,6	V1690		485
028 109 611E	31,1x7x95,6	V806	331036	498	038 109 601F	36x7x88,8	V1691	331131	498
	+0,5S	V806N1		498	038 109 611G	31,5x7x88,4	V1692	331132	498
028 109 601D	36x7x96,9	V811	39486	495	03L 109 601	28,1x6x99,3	V1693		499
	+0,5S	V811N1		495	03L 109 611	26x6x99,1	V1694		499
028 109 611G	31,4x7x96,9	V812	39487	495	038 109 611F	31,5x7x89,5	V1832		493
	+0,5S	V812N1		495	03L 109 601A	26,6x6x99,3	V2029		490
028 109 601H	36x8x96,8	V821	39423	494	03L 109 611A	24,5x6x99,1	V2030		490
	+0,5S	V821N1		494	VOLVO				
046 109 611F	31,5x8x96,9	V822	33380	494	3104401-9	33,4x7x89,8	V581	518293	500
	+0,5S	V822N1		494	3267437-6	28,9x7x88,8	V582	518533	500

									
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VOLVO					VOLVO DIESEL				
1397641-0	31x7x104,1	V763	47145	502	1389262-5	31,2x8x104,6	V542A	4907	506
1366882-7	27x7x103,3	V764	47130	502		+0,3S	V542N		506
3342278-3	38,2x8x111,5	V765	517982	502		+0,5S	V542N1		506
3343738-5	32,5x8x111,3	V766	517981	502		+0,8S	V542N3		506
3277693-2	34x7x91,2	V858	516945	501		+1,5S	V542N4		506
30711639	30x6x99	V1025	181106	501		+1,0S	V542N5		506
30711638	24,1x6x101,5	V1026	181107	501	068 109 611M	31,2x8x95	V544A	39117	508
1378473-1	32,5x7x122,5	V1119	47127	505		+0,3S	V544N		508
1378474-9	29,5x7x122,3	V1120	47128	505		+0,5S	V544N1		508
3344841-6	40,1x8x107,1	V1155	510201	504		+0,8S	V544N3		508
3344842-4	32,6x8x106,9	V1156	510202	504		+1,5S	V544N4		508
1317793-6	34,5x7x122,5	V1227	4729	505		+1,0S	V544N5		508
1317792-8	31,5x7x122,3	V1228	4730	505	069 109 601H	36x8x95,1	V697A	39143	508
9454607	31x6x104,3	V1257		503		+0,5S	V697N1		508
9454610	27x6x103,3	V1258		503		+0,8S	V697N3		508
1336290-0	44x8x119,6	V1349	47100	505	1257054	31x8x104,6	V714	4900	506
1336291-8	35x8x119,9	V1350	47101	505		+0,5S	V714N1		506
8694781	32,5x5,5x103,4	V1363	181110	504	1328088-8	36x8x104,9	V756	3909	507
8694780	28x5,5x104,6	V1364	181111	504		+0,5S	V756N1		507
30777329	35x5,5x103,4	V1495	181108	504		+1,0S	V756N3		507
30777328	30x5,5x104,6	V1496	181109	504	1389261-7	36x8x104,9	V756A	39161	507
9454608	32x6x104,3	V1633		503		+0,5S	V756N1		507
2458024	37x8x111,3	V1920	538930	504		+1,0S	V756N3		507
2453900	43,9x8x112	V1943	5362226	504	1257053	36x8x104,8	V800	3333	506
1270455	32x7x104,3	V2151		502	046 109 601H	36x8x96,8	V821	39423	509
31370617	30x5x98,8	V2273		501		+0,5S	V821N1		509
31330401	24,9x5x99,7	V2274		501	046 109 611F	31,5x8x96,9	V822	33380	509
31316318	30x8x103,8	V2361		504		+0,5S	V822N1		509
VOLVO DIESEL					7701 468 035	35,2x8x111,6	V837	510203	508
					3287966-0	36,1x8x111,7	V855	517983	508
						+1,0S	V855N3		508
					3287967-8	31,6x8x111,3	V856	517963	508
						+1,0S	V856N3		508
068 109 601D	34x8x104,8	V541A	4906	506	7701 471 702	35,4x7x111	V951	511013	508
	+0,3S	V541N		506	7701 471 703	32,6x7x110,8	V952	511014	508
	+0,5S	V541N1		506	3345515	35x8x110,5	V1057		509
	+0,8S	V541N3		506	3345516	31,5x8x110,5	V1058		509
	+1,5S	V541N4		506	8653745	29,8x6x105	V1179	531021	509
	+1,0S	V541N5		506	8653744	25x6x105	V1180	531022	509
1328089-6	31,2x8x104,6	V542	33029	507	30711498	25,6x5,5x96,4	V1493	539009	505
	+0,3S	V542N		507	30711497	23,4x5,5x96,6	V1494	539010	505
	+0,5S	V542N1		507	8631650	28,8x6x98,1	V1617		509
	+0,8S	V542N3		507	8631651	26,2x6x97,8	V1618		509
	+1,5S	V542N4		507	313 301 81	30,15x5,5x95,6	V2049		506
	+1,0S	V542N5		507	313 301 82	27,5x5,5x95,5	V2050		506

									
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VOLVO INDUSTRIAL AND COMMERCIAL					VOLVO INDUSTRIAL AND COMMERCIAL				
	44,3x9,5x122,9	V199		511	466379-5	43x11x148,5	V1087	105-35099	512
	+0,3S	V199N		511		+1,0S	V1087N3		512
	+0,5S	V199N1		511	421680	37x11x148,6	V1088	48150	512
	+0,8S	V199N2		511		+1,0S	V1088N3		512
	+1,2S	V199N3		511	1556472	47x9,5x176,8	V1197	1351	516
	+0,5S/+0,2d	V199N5		511	1556473	45x9,5x176,9	V1198	1352	516
	+0,5d	V199N6		511	465281	41x8x145,3	V1259		510
	+0,2d	V199N7		511	465282	37x8x145,3	V1260		510
	+1,2S/+0,5d	V199N9		511	20459326	40x8x192	V1303	48225	516
	36,6x9,5x123,3	V200		511	8148574	40x8x191,7	V1304	48227	515
	+0,3S	V200N		511	8194223	50x11x167,2	V1381	48324	514
	+0,5S	V200N1		511	8194224	46x11x167,2	V1382	48151	514
	+0,8S	V200N2		511	20450002	38x8x192	V1519	48308	513
	+1,2S	V200N3		511	8148069	38x8x191,7	V1520	48309	513
	+0,5S/+0,2d	V200N5		511	20405502	48x9x139	V1525	22221	513
	+0,5d	V200N6		511	20405503	42x9x139	V1526	22220	513
	+0,2d	V200N7		511	1547492	40x8x192	V1684		515
	+1,2S/+0,5d	V200N9		511	20735572	49x10x192,9	V1807		516
	44,3x9,5x122,9	V343	105-03365	511	20513875	46x10x191,4	V1808		516
	+0,075d	V343.1		511	3978768	43x8x149,6	V1827	48322	512
	+0,4d	V343.2		511	3978766	39x8x149,6	V1828	48323	512
	+0,3S	V343N		511	20712128	42x8x192	V1853	48315	516
	+0,5S	V343N1		511	20768506	40x8x191,7	V1854	48316	516
	+0,8S	V343N2		511	20540012	40x8x192	V1879		515
	+1,2S	V343N3		511	20464020	38x8x192,7	V1880		515
	+0,5S/+0,2d	V343N5		511	20564039	36x8x192,7	V1974	48312	514
	+0,5d	V343N6		511	20528113	38x8x192	V1993	48310	513
	+0,2d	V343N7		511	20570965	38x8x191,7	V1994	48311	513
	+1,2S/0,5d	V343N9		511	477 447	43x8x149,6	V2153	48207	512
	36,6x9,5x123,3	V344	105-03366	511	477 443	39x8x149,5	V2154	48208	512
	+0,075d	V344.1		511	20833932	38,2x8x145,9	V2155	22316	513
	+0,4d	V344.2		511	20833936	35,8x8x145,9	V2156	22317	513
	+0,3S	V344N		511	838637	39x8x126,4	V2167		509
	+0,5S	V344N1		511	838638	37x8x126,4	V2168		509
	+0,8S	V344N2		511	420016-8	39,5x9,4x142,8	V2391		510
	+1,2S	V344N3		511	420017-6	35x9,4x142,8	V2392		510
	+0,5S/+0,2d	V344N5		511	VOLVO - BM				
	+0,5d	V344N6		511		44,3x9,5x122,9	V199		518
	+0,2d	V344N7		511		+0,3S	V199N		518
	+1,2S/0,5d	V344N9		511		+0,5S	V199N1		518
469240-6	49x11x167,2	V459	105-35377	514		+0,8S	V199N2		518
467855-3	46x11x167,2	V460	48151	514		+1,2S	V199N3		518
467502-1	50x11x167,2	V463	105-35037	514		+0,5S/+0,2d	V199N5		518
468302-5	54x11x167,2	V555	105-34949	515		+0,5d	V199N6		518
468303-3	50x11x167,2	V556	105-34950	515		+0,2d	V199N7		518
420553-0	41x8x145,3	V767	48114	510		+1,2S/+0,5d	V199N9		518
465549-4	37x8x145,3	V768	48115	510					

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	+0,5S	V200N1		518
	+0,8S	V200N2		518
	+1,2S	V200N3		518
	+0,5S/+0,2d	V200N5		518
	+0,5d	V200N6		518
	+0,2d	V200N7		518
	+1,2S/+0,5d	V200N9		518
	44,3x9,5x122,9	V343	105-03365	518
	+0,075d	V343.1		518
	+0,4d	V343.2		518
	+0,3S	V343N		518
	+0,5S	V343N1		518
	+0,8S	V343N2		518
	+1,2S	V343N3		518
	+0,5S/+0,2d	V343N5		518
	+0,5d	V343N6		518
	+0,2d	V343N7		518
	+1,2S/+0,5d	V343N9		518
	36,6x9,5x123,3	V344	105-03366	518
	+0,075d	V344.1		518
	+0,4d	V344.2		518
	+0,3S	V344N		518
	+0,5S	V344N1		518
	+0,8S	V344N2		518
	+1,2S	V344N3		518
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	37x11x148,5	V1088	48150	519
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	40,1x8x124,7	V1261	22149	517
	+0,2d	V1261N		517
	34,9x8x124,7	V1262	22150	517
	+0,2d	V1262N		517
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	45x9x124,1	V1587	105-35611	519
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V1336	SUBARU	436	V1373	ISUZU	177		MITSUBISHI	297
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	MAZDA	253	V1428	SCANIA	400	V1455	CITROEN	81
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	MAZDA	253		FIAT	105	V1456	CITROEN	81
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	FIAT	114		FIAT	105		SUZUKI	442
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	OPEL	325, 326		ROVER	388	V1459	NISSAN	302
	PEUGEOT	351	V1432	AUSTIN–LEYLAND	40	V1460	NISSAN	302
	SUBARU	438		ROVER	388	V1462	NISSAN	302
	SUZUKI	442	V1433	DAIHATSU	98	V1463	NISSAN	306
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	CHEVROLET	67	V1435	HONDA	159	V1465	NISSAN	310
	FIAT	114	V1436	HONDA	159	V1466	NISSAN	310
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	CADILLAC	60	V1441.1			V1470	ŠKODA	420
	FIAT	118	V1442	JAROSLAVSKI ZAVOD	189	V1471	FIAT	105
	LANCIA	230	V1442.1				SUBARU	436
	OPEL	330	V1443	IVECO	188		SUZUKI	441
	SAAB	397	V1444	IVECO	188	V1472	FIAT	105
V1416	ALFA ROMEO	8	V1445	CHRYSLER	69		SUBARU	436
	CADILLAC	60		JEEP	191		SUZUKI	441
	FIAT	118	V1446	CHRYSLER	69	V1473	TOYOTA	450
	LANCIA	230		JEEP	191	V1474	TOYOTA	450
	OPEL	330	V1447	KHD	202	V1475	TOYOTA	450
	SAAB	397	V1447N5			V1476	TOYOTA	450
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