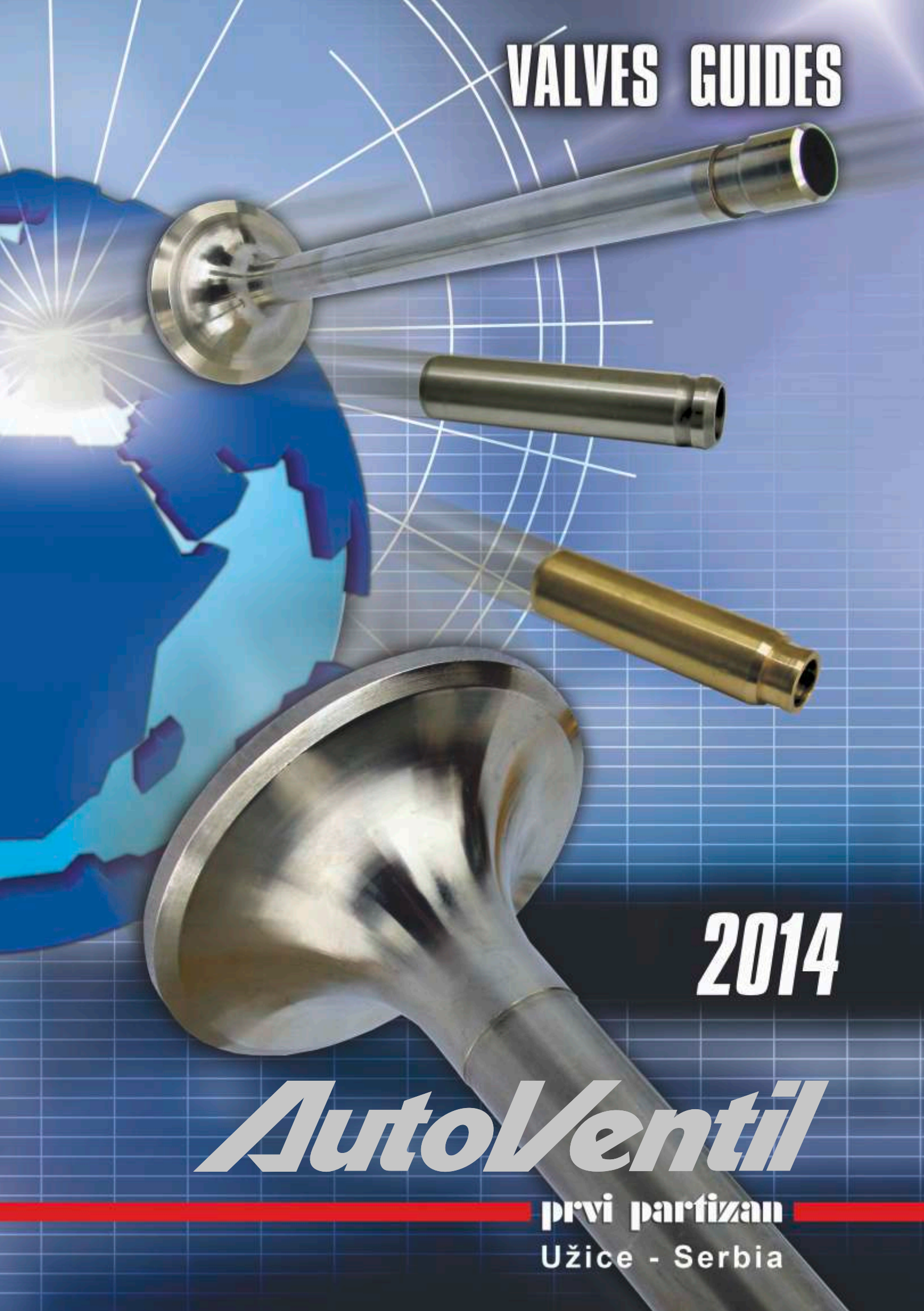


The background of the cover is a blue grid with a stylized globe on the left side. Overlaid on the grid are several industrial components: a large valve assembly at the top left, a long thin rod with a flange at the top right, a shorter rod with a flange in the middle right, a brass-colored rod with a flange at the bottom right, and a large funnel-like component at the bottom center.

VALVES GUIDES

2014

AutoVentil

prvi partizan

Užice - Serbia



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 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.

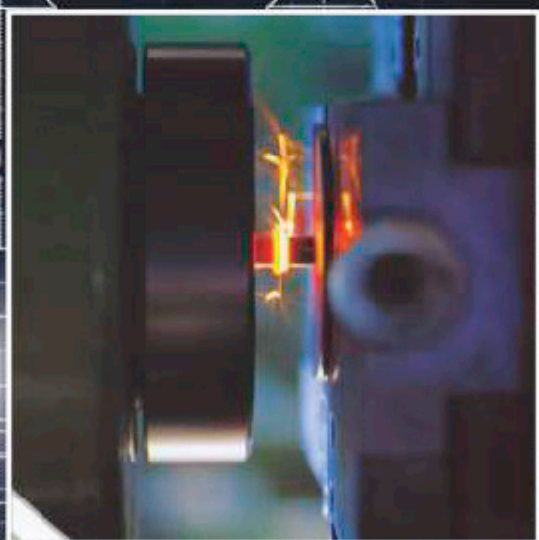
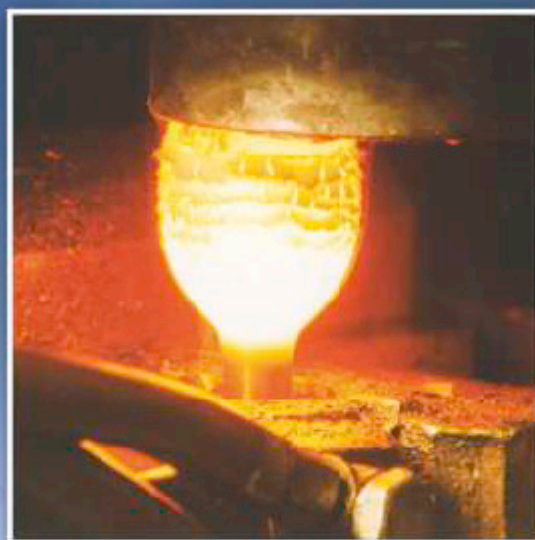
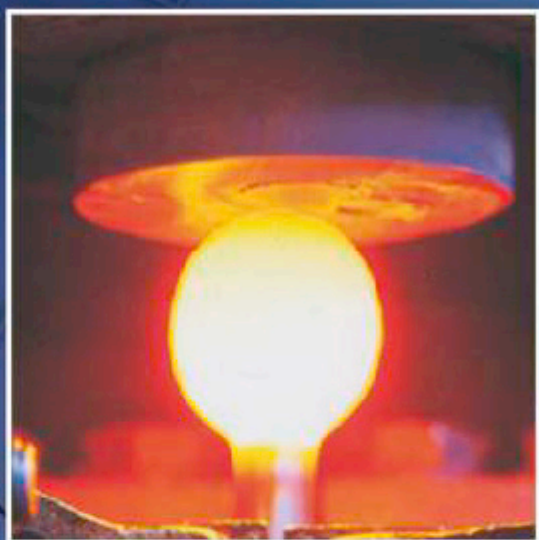


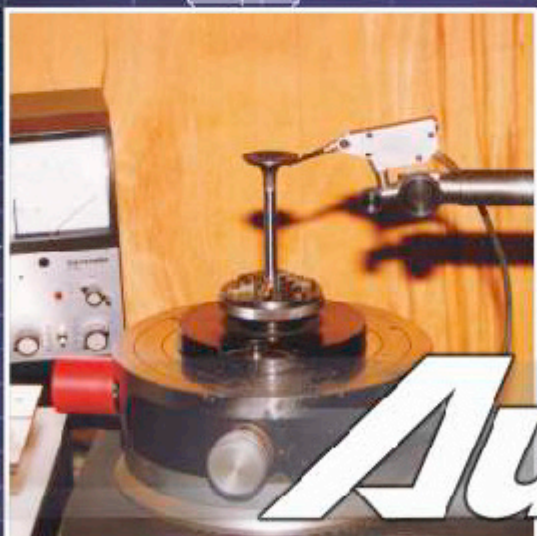
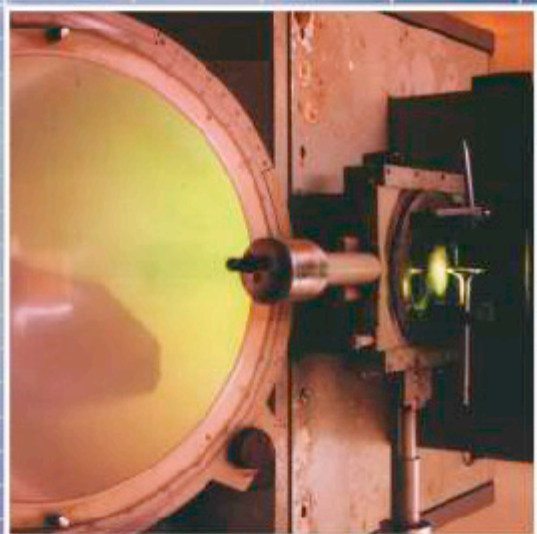
Autoventil a.d. company, founded in 1957, is located in the town of Uzice, 190km southwest from Belgrade, Republic of Serbia. It has gained numerous domestic and foreign customers and business partners since then.

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.



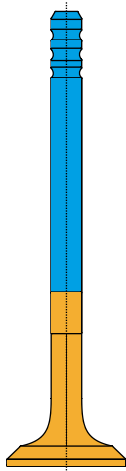


AutoVentil

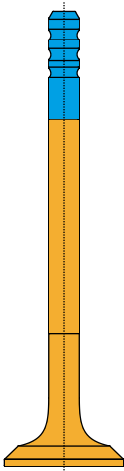
prvi partizan



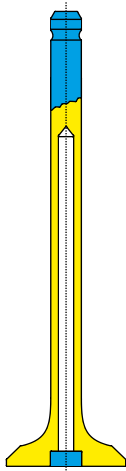
TEHNOLOŠKE MOGUĆNOSTI
TECHNOLOGISCHE MÖGLICHKEITEN
TECHNOLOGICAL FEATURES



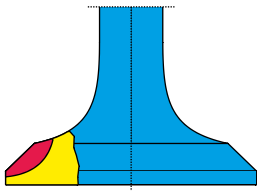
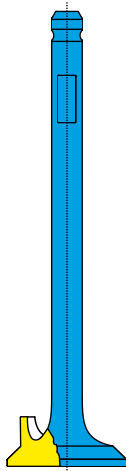
BIMETALNI VENTIL
BIMETALL-VENTILE
BIMETALLIC VALVES



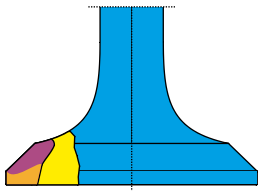
VENTIL BUŠEN I PUNJEN
NATRIJUMOM
NATRIUMGEFÜLLTES VENTIL
NATRIUM-FILLED VALVE



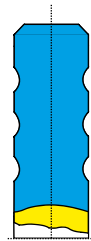
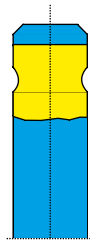
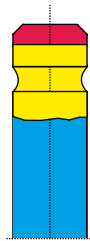
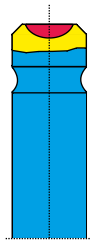
VENTIL SA
DEFLEKTOROM
VENTIL MIT DEFLEKTOR
DEFLECTOR-EQUIPPED VALVE



STELITIRANO SEDIŠTE
GEPANZERTER VENTILSITZ
REINFORCED SEAT

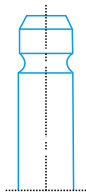


INDUKTIVNO KALJENO
SEDIŠTE
INDUKTIV GEHÄRTETER VENTILSITZ
INDUCTION QUENCH-HARDENED SEAT

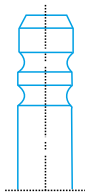


OJAČANJE VRHA VENTILA
PANZERUNG DER VENTILSTIRN
VALVE-TIP REINFORCEMENT

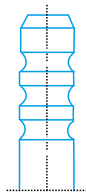
OBLICI KRAJA STABLA
VENTILSCHAFTENDE-FORMEN
VALVE END-SHAFT SHAPES



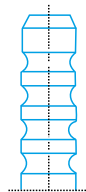
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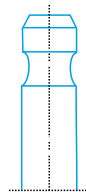
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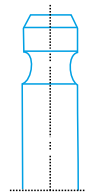
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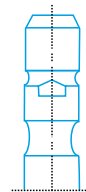
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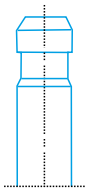
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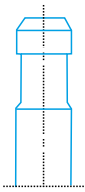
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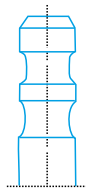
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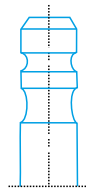
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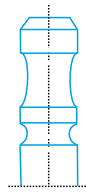
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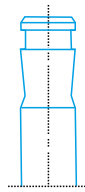
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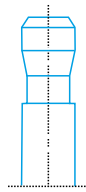
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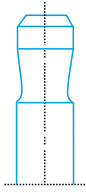
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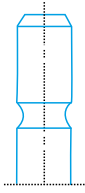
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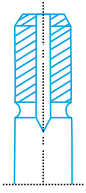
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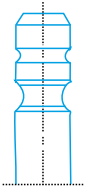
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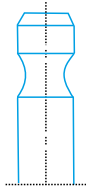
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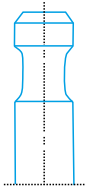
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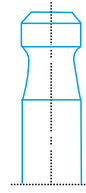
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19



20

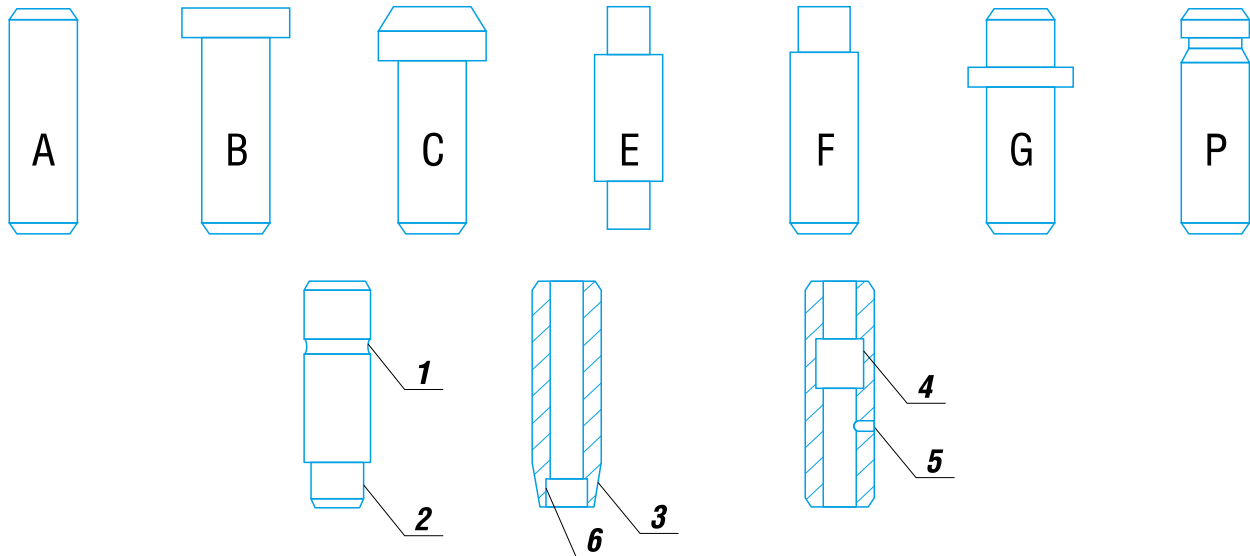


21

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	4 - Proširena površina unutar otvora
2 - Uži kraj	5 - Rupa za podmazivanje
3 - Konusni kraj	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	4 - Mit Übermaßbohrung im inneren Teil der Führung
2 - Abschlag	5 - Mit Schmierungsloch in der Führungswand
3 - Mit Kegelende	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	4 - Recessed area in the bore
2 - Narrower end	5 - Lubrication holes
3 - Conical end	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.

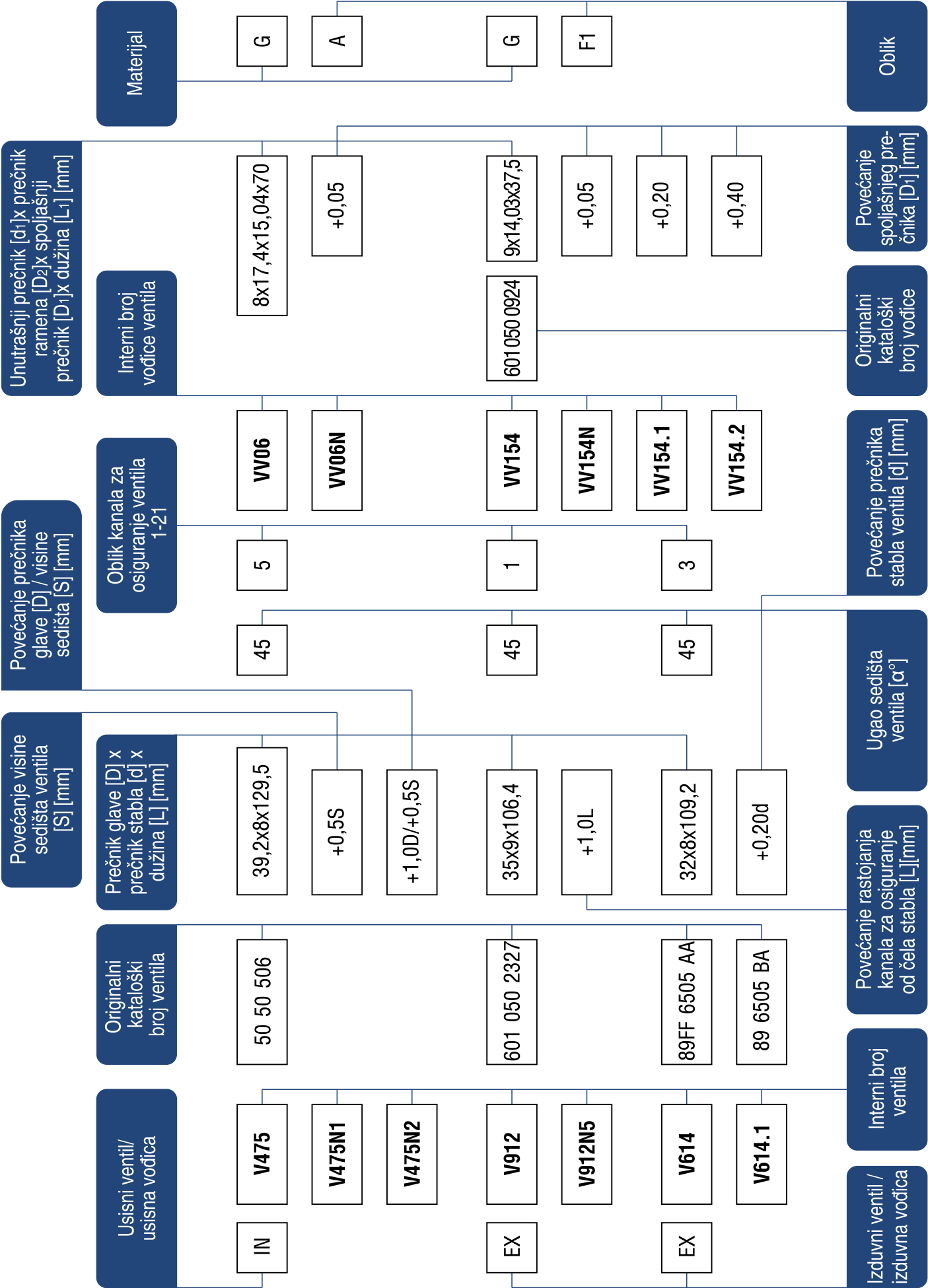
B Bronze with % of manganese; excellent thermal conductivity and wear resistance characteristics. Particularly fit for last generation of engines with aluminium heads. Alloy used by leading European manufacturers.

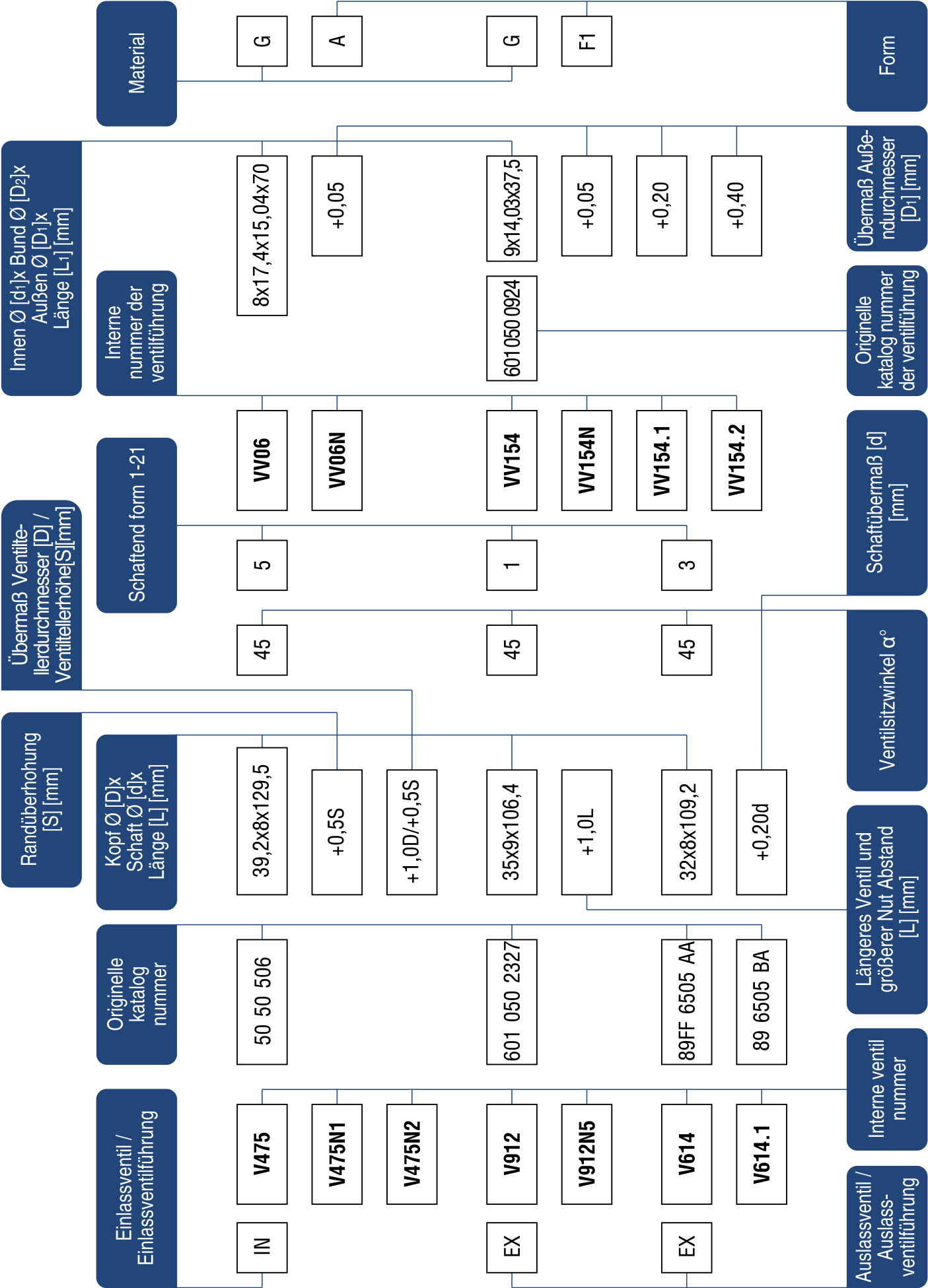
B Bronze mit Magnesiumanteil; hervorragende Wärmeleitfähig und hoher Verschleißwiderstand. Diese Metall-Legierung findet Verwendung bei führenden europäischen Herstellern. Insbesondere geeignet für die letzte Zylinderkopfgeneration aus Aluminium.

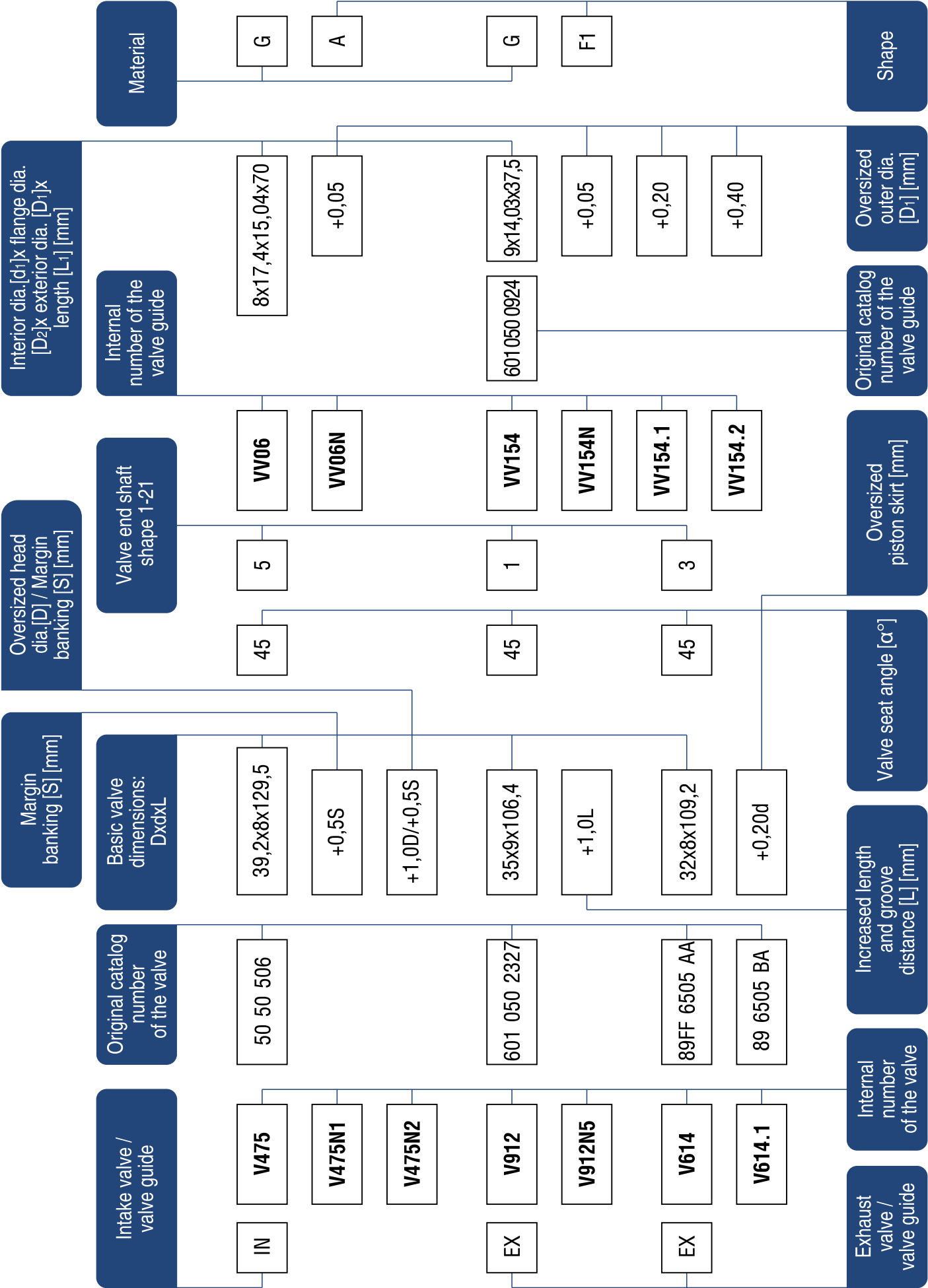
AutoVentil

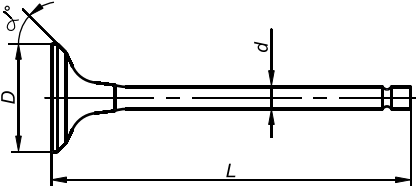
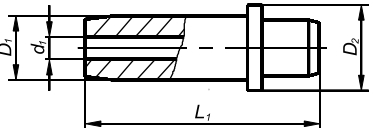


VALVES GUIDES







			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
					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:



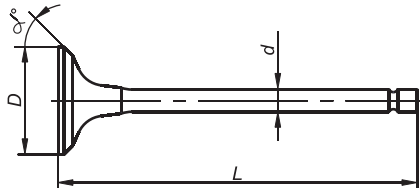
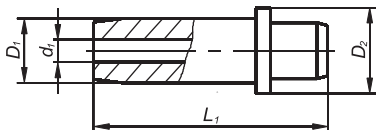
1. HERSTELLER: MOTOR / MODELL
2. ZYLINDER: ZYLINDERDURCHMESSER, ZYLINDERZAHL
3. IN-EINLASSVENTIL , EX-AUSLASSVENTIL
4. INTERNE VENTIL NUMMER
5. ORIGINELLE KATALOG NUMMER
6. GRUNDLEGENDE VENTILABMESSUNGEN D x d x L
7. VENTILSITZWINKEL : α°
8. SCHAFTEND FORM 1-21
9. INTERNE NUMMER DER VENTILFÜHRUNG
10. 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 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
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	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	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	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 NEW	95-99 V6	IN EX	V1649 V1650	641 049 641 360	34x6x103,8 29x6x103,5	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 V1452	55185028 55106233	26,9x6x95,2 22,4x6x94,7	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

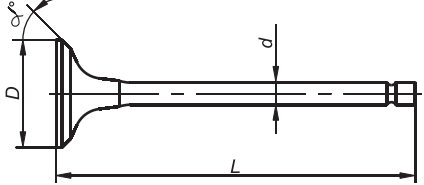
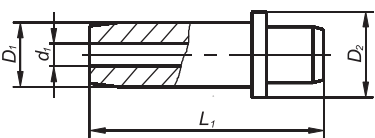
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ALFA ROMEO												
MiTo 1.4i.e. Turbo 16V Giulietta 1.4i.e. Turbo 16V Eng. 199 A8.000 Eng. 955 A2.000 Eng. 955 A7.000 Eng. 955 A8.000 Eng. 940 A2.000 1368ccm	08→ →10	72 4	IN EX	V1451 V1452	55185028 55106233	26,9x6x95,2 22,4x6x94,7	45 45	3 3	VV259 VV259.1 VV259.2 VV527 BRONZE VERSION VV259 VV259.1 VV259.2 VV527 BRONZE VERSION	46441525 73500256 73500257 6x10,04x39,7 46441525 73500256 73500257 6x10,04x39,7	6x10,04x39,7 +0,03 +0,23 6x10,04x39,7 6x10,04x39,7 +0,03 +0,23 6x10,04x39,7	G F B F G F B F
MiTo 1.4i.e. Turbo 16V Giulietta 1.4i.e. Turbo 16V Eng. 198 A4.000 GPL 1368ccm	11→	72 4	IN EX	V2021 V2022	55225886 55225887	26,8x6x95,2 23x6x94,9	60 60	3 3	VV259 VV259.1 VV259.2 VV527 BRONZE VERSION VV259 VV259.1 VV259.2 VV527 BRONZE VERSION	46441525 73500256 73500257 6x10,04x39,7 46441525 73500256 73500257 6x10,04x39,7	6x10,04x39,7 +0,03 +0,23 6x10,04x39,7 6x10,04x39,7 +0,03 +0,23 6x10,04x39,7	G F B F G F B F
Alfa 75 1.6 Eng. AR061.00, AR611.01 1567ccm 81kw(110PS)	85→	78 4	IN EX	V1407 V1176	60521573 11717.03300.00 60521576 11608.03301.01	42x9x106,5 37,1x9x106,5	60 60	1 1				
Alfeta 1.8 Eng. AR016.78 Alfa 75 1.8 Alfa 90 1.8 Eng. AR061.02 1779ccm 89kw(120PS)	75→ 83→ 83→	80 4										
Alfa 33 1.3/1.3S Sprint 1.3 Eng. 305.68 1351ccm 55kw(75PS)	88→	80 4	IN EX	V1557 V1558	605 04 051 605 03 993	38,8x8x92,8 33,2x8x93,5	45 45	3 3				
Alfa 33 1.3/1.3S Alfasud 1.3 Alfa Arna 1.3 Eng. 301.68 1350ccm 63kw(86PS)	83→ 83→	80 4	IN EX	V971 V972	125 195 125 196	38,1x8x98 33,1x8x97,5	45 45	3 3	VV275 VV276	700001 700002	8x13,09x40,5 8x13,09x44	G F G A

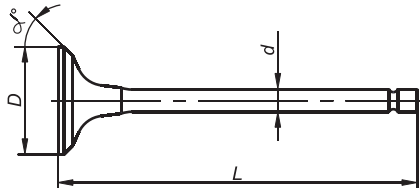
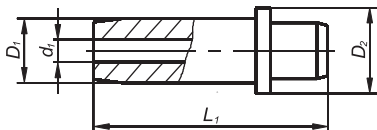
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ALFA ROMEO											
Alfa 33 Nuova 1.2 Eng. 307.43 1186ccm 50kW(68PS)	88→	80 4	IN	V1175	605 40 326	39,8x8x92	45 3	VV275	700001	8x13,09x40,5	G F
			EX	V1186	605 40 325	33,1x8x92,1	45 3	VV275	700001	8x13,09x40,5	G
			EX	V1176	11608.03301.01	37x9x106,5	60 1				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→										
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	80 V6	IN	V1225	605 13 702	36,5x9x107,2	45 3	VV455 VV455.1	60810438	9x14,06x48,5 +0,05	B F
			EX	V1226	605 13 703	32,5x9x94,9	45 3	VV456 VV456.1	60810435	9x14,06x42 +0,05	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	V1611	55557741	31,2x5x113,9	45 3	VV390 VV390N VV390.1	71739771 71739803	5x10,04x37 +0,05 +0,21	G F
			EX	V1612	71744388	27,5x5x113,2	45 3	VV390 VV390N VV390.1	71739771 71739803	5x10,04x37 +0,05 +0,21	G F

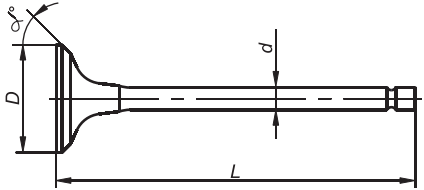
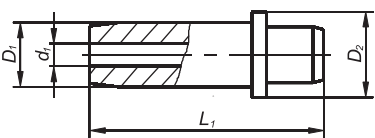
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ALFA ROMEO											
Alfa 155 TS 1.7i.e. 94→ Eng. 67105/M620 AG 18.C 1749ccm 85kw(115PS)	83,4 4	IN	V1009	605 64 098	44x8x116	45	3	VV419	60701202	8x15,08x48	B
		EX	V1010	605 12 751	38x8x119,4	45	3	VV419.1 VV420 VV420.1	60579200	+0,03 8x15,08x45 +0,03	F G 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 VV420 VV420.1	60579200	+0,03 8x15,08x45 +0,03	F G F
Alfa 155 TS 2.0i.e. 92→ Eng. 67202 1995ccm 105kw(143PS)											
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
		EX	V946	7 597 080 5 975 341	36,2x8x105,9	45	1	VV69.1 VV69.2 VV69.3 VV69.4 VV69 VV69.1 VV69.2 VV69.3 VV69.4	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	+0,03 +0,08 +0,18 +0,23 8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	F G F G
Alfa 164 2.0i.e. Turbo benz. 87→ Eng. M619DT.200/06476 1995ccm 129kw(175PS)											
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
		EX	V706	608 05 836	28,5x7x125,7	45	1	VV267.1 VV267.2 VV267.3 VV267 VV267.1 VV267.2 VV267.3	7 616 992 7 616 993 7 616 994 7 616 998 7 616 992 7 616 993 7 616 994	+0,03 +0,08 +0,18 7x14,04x51,3 +0,03 +0,08 +0,18	F G F G

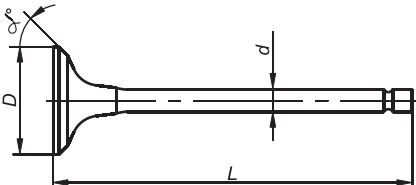
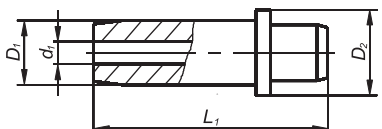
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ALFA ROMEO											
Alfa 33 1.5 T.I. Alfa 33 1.5 T.I. 4x4 Sprint 1.5 Giardinete 1.5 4x4 Eng. 301.28, 301.46 1490ccm 61-77kW(83-105PS)	88→ 78-89	84 4	IN EX	V1559 V1558	605 06 548 605 03 993	40x8x93,8 33,2x8x93,5	45 3 45 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	IN EX	V1871 V1872	71741112 71741113	35x6x101,4 30,6x6x97,2	45 1 45 1				
Alfa 159 1.9JTS 16V Eng. 939 A6.000 1858ccm 118kw(160PS)	05→	86 4	IN EX	V1069 V1070	55192156 71739686	35,1x6x102,3 30,1x6x100,9	45 3 45 3	VV452 VV452	71739350 71739350	6x10,04x36 6x10,04x36	G A G A
Alfa 159 2.2JTS 16V Brera 2.2JTS 16V Spider 2.2JTS 16V Eng. 939 A5.000 2198ccm 136kw(185PS)	05→ 06→ 06→										
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	IN EX	V973 V974	131 929 60515042 131 930 60540325	40x8x93 33,1x8x93	45 3 45 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	IN EX	V1173 V1174	605 25 336 605 25 337	32x7x99,1 26x7x101,2	45 3 45 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	IN EX	V1371 V1372	605 82 738 605 82 739	33,6x7x102 29,1x7x102,2	45 3 45 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 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 164 i.e. V6 3.0 24V	93→	93	IN	V1181	605 60 643	35,6x7x102,1	45 3	VV403	60612839	7x12,07x38	G
Alfa 166 i.e. V6 3.0 24V	98→	V6						VV403.1		+0,03	F
Eng. 64304											
Alfa 164 i.e. Quadrifoglio 4WD 3.0 24V	93→		EX	V1182	605 60 644	31,1x7x102,3	45 3	VV404	60612835	7x12,07x43	G
Eng. 64307								VV404.1		+0,03	F
Alfa GTV V6 3.0 24V	95→										
Spider V6 3.0 24V	95→										
Eng. 16102											
2959ccm											
162/171kW(220/233PS)											
Alfa 147 3.2 i.e. V6 24V	02→										
Alfa 156 3.2 i.e. V6 24V	02→										
Eng. 932A.000											
Alfa 166 3.2 i.e. V6 24V	03→										
GTV 3.2 i.e. V6 24V											
Eng. 936A.000											
Eng. 936A6.000											
3179ccm											
Alfa 75 3.0 V6 12V	87→	93	IN	V1561	605 12 982	44x9x104,8	45 1	VV457	60505940	9x14,05x49	G
Alfa 164 3.0 V6 12V	87→	V6									F
Spider 3.0 V6 12V	98→							VV455	60810438	9x14,06x48,5	B
Eng. 64305 M624 AA/AB.30.A											F
2959ccm			EX	V1562	605 01 089	38,5x9x92,2	45 1	VV458	60737369	9x14,07x42,5	G
138kW(188PS)					605 12 984						F
ALFA ROMEO DIESEL											
MiTo 1.3 JTDM	08→	69,6	IN	V1873	55204574	22,45x6x109,2	45 3	VV391	46816601	6x10,03x43,2	G
1248ccm		4	IN	V1413	46518930	21,7x6x109,2	45 3	VV391.1	46816602	+0,03	F3
								VV391.2	46816604	+0,23	
			EX	V1414	46518931	21,7x6x109,2	45 3	VV391	46816601	6x10,03x43,2	G
			EX	V1874	55223836	22,5x6x109,2	45 3	VV391.1	46816602	+0,03	F3
								VV391.2	46816604	+0,23	
MiTo 1.6JTD 16V	08	72	IN	V1680	55205125	26,5x5x114,4	45 3	VV437	55210016	5x10,04x46,7	G
Eng. 198 A2.000		4						VV437.1	55210015	+0,03	A
1598ccm								VV437.2	55210017	+0,23	
			EX	V1596	55207955	24,4x5x114,4	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
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											
NEW											

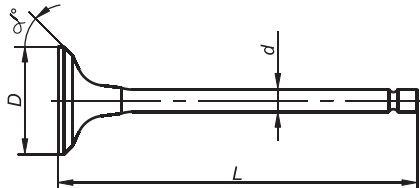
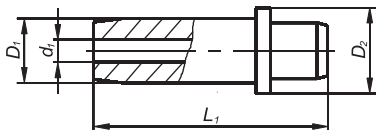
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ALFA ROMEO DIESEL											
Alfa 159 1.9 JTDM 16V Eng. 939 A2.000 1910ccm	07/06→	82 4	IN	V1595* * Retainer	55206431 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 91kw(124PS)	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 66kw(90PS)	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 66/68kw(90/92PS)	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

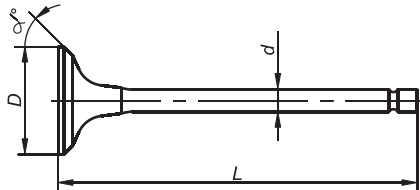
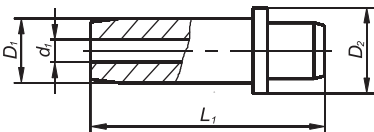
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ALFA ROMEO DIESEL											
Giulietta 2.0 TD 83→ Alfetta 2.0 TD 81→ Alfa 75 2.0 TD 88→ Eng. VM 488 HT/HR Turbo 1995ccm 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 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
			EX	V327 V327N3 V966	7 301 821 7 302 157 4 733 349	34,4x8x122 +1,0S 32,9x8x122	45 1 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 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 DIESEL																
Eng. 8140.61.300 Eng. No. 452001 1093ccm 37kw(50PS)	78→	93 4	IN	V326	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	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			
					93 4	IN	V326	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	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
								93 4	IN	V326	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
		EX	V327							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
			93 4	IN						V326	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
					EX	V327				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
						93 4	IN			V326	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
								EX	V327	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
93 4	IN	V326							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	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	
			93 4	IN	V326				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	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	
						93 4	IN	V326	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							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	
	93 4	IN						V326	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				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	
				93 4	IN			V326	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	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	
93 4							IN	V326	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						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	
		93 4	IN					V326	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			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	
					93 4	IN		V326	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	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	
	93 4						IN	V326	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					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	
			93 4	IN				V326	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		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	
93 4						IN		V326	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	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	
		93 4					IN	V326	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				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	
				93 4	IN			V326	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		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	
	93 4					IN		V326	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	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	
			93 4				IN	V326	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			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	
93 4					IN			V326	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		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	
		93 4				IN		V326	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	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	
				93 4			IN	V326	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			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	
	93 4				IN			V326	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		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	
			93 4			IN		V326	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	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	
93 4							IN	V326	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			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	
		93 4			IN			V326	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										

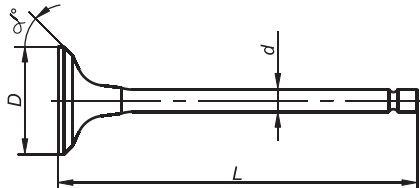
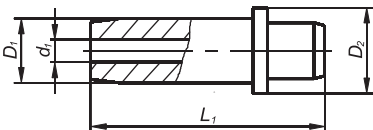
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
50 1.1 Eng. HD/HC 1093ccm 38/40kw(52/54PS)	75-78	69,5 4	IN	V545	036 109 601B	34x8x104	45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
50 1.3 Eng. HH 80 1.3 Eng. FY/FZ 1272ccm 40/44kw(54/60PS)	77-83 77-86	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
80 1.3 Eng. EP 1297ccm 44kw(60PS)	81-84										
50 1.1 Eng. HD/HC/HB 1093ccm 38/44kw(52/60PS)	74-78	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
50 LS/GLS 1.3 80 L/GL/C 1.3 Eng. FY/FZ 1296ccm 40/44kw(55/60PS)	78-81 78-81	75 4	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
Fox/4000 (USA) Eng. HH/FY 1272ccm 44kw(60PS)	78-81										
A1 1.2 TFSI A3 1.2 TFSI Eng. CBZA/CBZB 1197ccm NEW	11→	71 4	IN EX	V1957 V1958	03F 109 601A 03F 109 611B 03F 109 611C	35,4x6x98,7 30x6x98,4	45 3 45 3				
80 C/CL/GL 1.3 80 CC 1.3 Eng. EP/FY/FZ 1296ccm 44kw(60PS)	81→ 84→	75 4	IN	V747	049 109 601F 049 109 601K	34x8x98,7	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 CL/Formel E 1.6 100 C/CL/GL/Formel E 1.6 Eng. WV/YV 1588ccm 55/63kw(75/85PS)	81→ 76-82	79,5 4	EX	V748	049 109 611F	31,2x8x98,5	45 3	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F

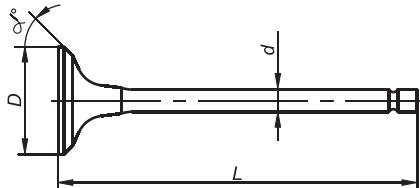
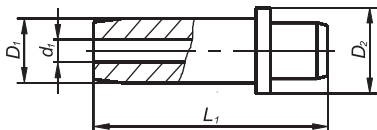
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
80 L 1.3 Eng. ZA 1296ccm 40kw(55PS)	72-78 4	75 4	IN	V755 056 109 601A 056 109 601C	34x8x98,7	45	1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
80 GL 1.5 Eng. ZB/ZC/FH 1470ccm 63kw(85PS)	72-75 4	76,5 4	EX	V799 056 109 611A 049 109 611G	31,2x8x98,5	45	1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
80 LS/S 1.5 Eng. YJ 1470ccm 55kw(75PS)	72-75 4	79,5 4									
80 GT 1.6 100 GL/L 1.6 Eng. XX 1588ccm 63/74kw(85/100PS)	73-75 77-81 4										
80 LS/GLS/S 1.6 Eng. YP/FR 1588ccm 55/63kw(75/85PS)	75-79 4										
A2 1.4 16V Eng. AUA/BBY 1390ccm 55kw(75PS)	00→ 4	76,5 4	IN	V957 036 109 601S 036 109 601AD	29,5x6x100,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
A2 FSi 1.6 16V Eng. BAD 1598ccm 81kw(110PS)	02→ 4		EX	V958 036 109 611K	26x6x100,5	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
A3 1.6FSi 16V Eng. BAG, BLF, BLP 1598ccm 85kw(116PS)	02→ 4										
80 GTE 1.6 Eng. YS 80 GLE K-Jetronic 1.6 Eng. YZ 1588ccm 81kw(110PS)	75→ 79→ 4	79,5 4	IN	V749 049 109 601A	38x8x105,7	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	V750 049 109 611A	31,2x8x105,5	45	1	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F

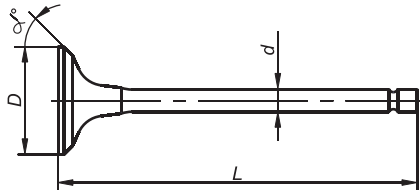
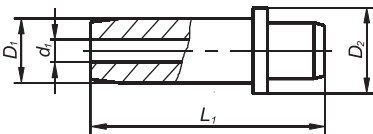
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI												
80 Coupe GT5S/CD5E/5S 1.9 100 C5/CL5/GL5/L5 1.9 100 Avant/Coupe GT5S 1.9 Eng. WN/WH 1921ccm 74/85kw(100/115PS)	81→ 81→	79,5 5	IN	V751	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
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→		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
80 Quattro 2.2 Coupe GT5E Eng. KL/KE/HY 2144ccm 96kw(130PS)	82→ 82→											
90/90 Quattro 2.2 Coupe/Coupe Quattro 2.2 Eng. HY 2144ccm 100kw(136PS)	85→ 85→	79,5 5	IN	V754	035 109 601H	38x8x91	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/CC/CD/Quattro 1.6 Eng. SA/DT 1595ccm 55kw(75PS)	85→	81 4	EX	V702	026 109 611A 048 109 611A	33,2x8x91	45	3	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
80/CC/CD/Quattro 1.8 100 CC/CD/ Avant 1.8 100/Quattro/ Avant 1.8 Coupe GT/Quattro 1.8 100 CC/Avant 1.8 5000 1.8 USA Models Eng. PH/NP 1781ccm 55/66kw(75/90PS)	85→ 85→ 85→ 86→ 85→											
90 2.0 100 CC/CD Avant 2.0 Coupe GT 2.0 5000 2.0 USA Models Eng. PS 1994ccm 85kw(115PS)	85→ 85→ 85→ 85→	81 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 d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI												
80 1.6 100 1.6 Eng. ABB/ADA 1595ccm 75kw(107PS)	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→											
90 2.0 100 2.0 E/Avant,Coupe 80/80 Quattro 2.0 Eng. AAD 1984ccm 85kw(115PS)	90→ 91-94 83-91											
A6 2.0 80 2.0 E/Quattro,Coupe, Avant 100/100 Avant 2.0 Eng. ABK, ABT 1984ccm 66/85kw(90/115PS)	94→ 91-94 93→											
80/80 Avant 2.0 100/A6,Avant,Coupe 2.0 100/A6,Cabriolet 2.0 Eng. AAE, ADW, ABK 1984ccm 74/79/85kw(100/107/115PS)	94-96 94→ 94→	82,5 4										
A100/100 Avant Quattro 2.3 500/500 Quattro 2.3E Coupe/Coupe Quattro 2.3 Eng. NF 2309ccm 100kw(136PS)	85-90 87→ 86-94	82,5 5										
80/A 4 2.6 E V6/Coupe,Cabrio A6 Avant 2.6E Eng. ABC 2598ccm 128kw(174PS)	94→ 94→	82,5 V-6										

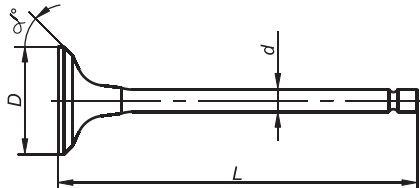
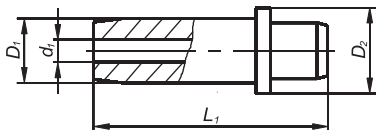
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
100 2.8 E/Avant,Quattro 90→93 A6 Avant 2.8E 94→ Eng. AAH 80/A4 2.8 E V6/Coupe,Cabrio 94→ Eng. AAH 2770ccm 128kw(174PS)		82,5 V-6	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 A4 2.6 V6 93→97 100/A6 Avant 2.6E V6 94→ Eng. ABC, ACZ 2598ccm 102/110kw(138/150PS)			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
A8/A8 Quattro 2.8 94→ 100/A6 Avant 2.8E V6 94→ Eng. AAH, AFC 2771ccm 120/128kw(163/174PS)											
100 1.8 80→ 80 Coupe/GL 1.8 81→ Eng. DD 1781ccm 55kw(75PS)		81 4	IN	V751	035 109 601C	38x8x98,7	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	V748	049 109 611F	31,2x8x98,5	45 3	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
80 GTE 1.8 83→ 80 GTE Quattro 1.8 84→ Eng. DX 1781ccm 82kw(112PS)		81 4	IN	V753	026 109 601	40x8x98,7	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	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

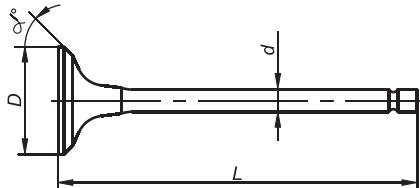
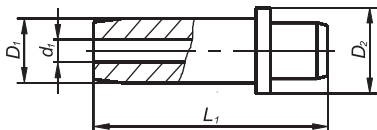
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
80 GTE/Quattro 1.8 100, 100 Avant/Quattro 1.8 Coupe GT/Quattro 1.8 5000 USA Models Eng. PV/DX 1781ccm	85→ 86→ 86→ 82kw(112PS)	81 4 5	IN	V701	026 109 601 C	40x8x91	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
100 E 2.0 Eng. RT 1994ccm	88-90 85kw(115PS)	81 5	EX	V702	026 109 611 A 048 109 611 A	33,2x8x91	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
80/80 Quattro 1.9 E Eng. SD 1857ccm	86→ 83kw(113PS)	82,5 4	IN	V701	026 109 601 C	40x8x91	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
80, 80 Quattro 1.8 90, 90 Quattro 1.8 1781ccm	86→ 86→ 82/92kw(112/125PS)	81 4	IN	V701	026 109 601 C	40x8x91	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
Coupe 1.8 1781ccm	87→ 79/82kw(107/112PS)	81 5	EX	V702B	053 109 611	33,2x8x91	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
80 2.0 90,90 Quattro 2.0 100,100 Avant 2.0 Eng. RT 1994ccm	87→ 87→ 88→ 85/92kw(115/125PS)	81 5	EX	V702B	053 109 611	33,2x8x91	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
100, 100 Avant Quattro 2.2 5000 2.2 USA Models 2226ccm	84→ 84→ 100kw(136PS)	82,5 4	IN	V701	026 109 601 C	40x8x91	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
80 1,9 E/1,9 E Quattro Eng. SD 1847ccm	86→ 83kw(113PS)	82,5 4	IN	V701	026 109 601 C	40x8x91	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
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)	82,5 5	IN	V701	026 109 601 C	40x8x91	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

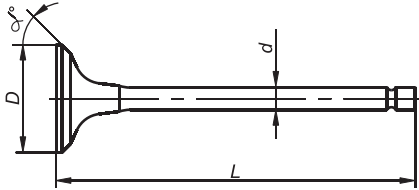
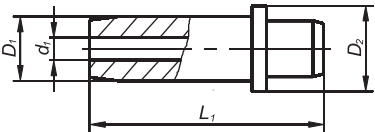
											
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
80 S 1.6 Eng. ABM/PP/RN 1595ccm 51/55kw(70/75PS)	87→	81 4	IN	V796 035 109 601J 035 109 601K	38x8x91,9	45	3	VV76 VV76.1 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	B G B F
80, 80 Quattro 1.8 90, 90 Quattro 1.8 100, 100 Avant/Quattro 1.8 Coupe 1.8 4000 1.8 Eng. RU/NE/DS/JN 1781ccm 55/66kw(75/90PS)	86→ 86→ 88→ 86→ 83-85	81 5	EX	V702B 053 109 611	33,2x8x91	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	B G B F
80/80 Quattro 2.0 90/90 Quattro 2.0 100 Coupe 2.0 Coupe 2.0 Eng. HP/JS/SL 1994ccm 83/85kw(113/116PS)	83→ 83→ 86→ 83→	81 5									
80, 80 Quattro 2.2 90, 90 Quattro 2.2 100, 100 Avant/Quattro 2.2 Eng. KU/KV/HX 2226ccm 100kw(136PS)	87→ 87→ 88→										
200 2.2.T Eng. MC Turbo 2226ccm 121kw(165PS)	86-90										
Coupe 1.8 1781ccm 64/68kw(87/92PS)	87→	81 4	IN	V754 035 109 601H	38x8x91	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	B G B F
Coupe 2.0 1994ccm 81kw(110PS)	87→	81 5	EX	V702B 053 109 611	33,2x8x91	45	3	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
90, 90 Quattro 2.2 100 CC/CS/C D Avant 2.2 100 CS/Avant/Quattro 2.2 Coupe GT/Quattro 2.2 2226ccm 101kw(138PS)	85→ 85→ 85→ 85→										

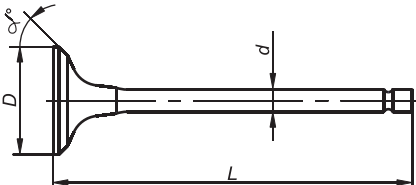
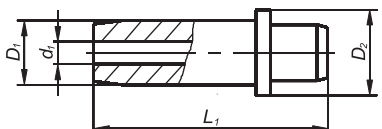
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI												
80, 90 Quattro 2.0 20V 90, 90 Quattro 2.0 20V Eng. NM 1994ccm 118kw(160PS)	88→ 89→ 	81 5 	IN EX	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
A6/A6 Quattro Turbo 2.2 20V S4/Avant Turbo 2.2 20V S6/S6 Quattro Turbo 2.2 20V 100/100 Avant Turbo 2.2 20V Eng. AAN 2226ccm 169kw(230PS)	96→ 91→ 94→ 91→ 											
200/200 Quattro Turbo 2.2 20V S2 2.2 20V Turbo Coupe Quattro Turbo 2.2 20V Eng. 3B Turbo 2226ccm 162kw(220PS)	89→ 90→ 90→ 											
A3 1.6L Eng. AEH, AKL A4 II/Avant 1.6L Eng. ADP, AHL A4 II/Avant 1.6L Eng. ARM 1595ccm 74kw(101PS)	96-98 94-97 98-99 	81 4 	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
A4 2.6E V6 Coupe , Cabrio Eng. ABC 2598ccm 110kw(150PS)	94→ 	82,5 V-6										
A4 2.8V6 Coupe/Quattro,Cabriolet Eng. AAH 2770ccm 128kw(174PS)	94→ 											
A6/A6 Avant 2.6E V6 A6 Avant Quattro 2.6E V6 A6 Coupe , Cabriolet 2.6E V6 Eng. ABC, ACZ 2598ccm 102/110kw(138/150PS)	94→ 94→ 94→ 											

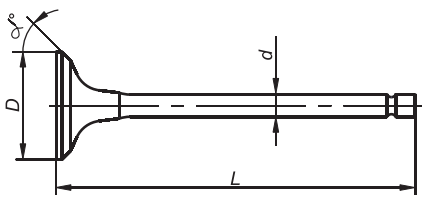
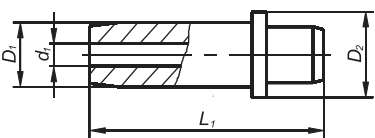
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
A6/A6 Avant 2.8E V6 94→ Eng. AAH, AFC 2771ccm 120/128kw(163/174PS)	82,5	IN	V869	078 109 601B	39,5x7x91,9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

	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													
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 V840	058 109 601C 058 109 611M	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→ 98-00 97-01	81 4	IN EX	V839 V1634	058 109 601C 058 109 611E	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	32,3x6x104,1 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	

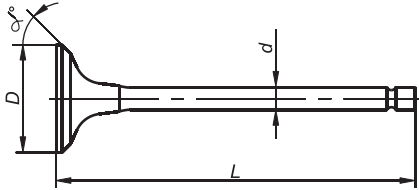
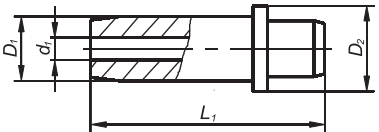
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
100 Quattro 4.2 V8 32V S4 4.2 V8 32V Eng. ABH 4172ccm 206kw(280PS)	89→ 92→ V8	84,5 IN EX	V779 V780	027 109 601C 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→ 100kw(136PS)										
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 08→ 08→ 220kw(299PS)	82,5 4 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

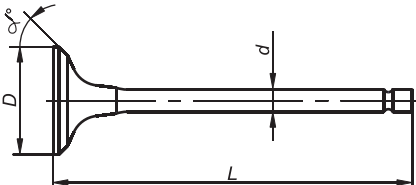
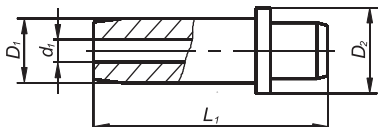
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
A3 2.0 FSI 16V Eng. AXX 1984ccm 147kw(200PS)	04-05 82,5 4	IN	V2027	06D 109 601M 079 109 601B	33,8x6x104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

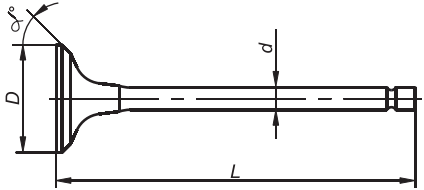
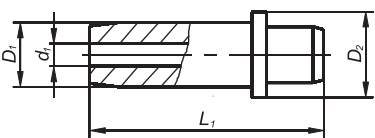
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI												
A6 2.0 TFSI 16V Eng. CDNB 1984ccm 132kw(179PS)	05→ 	82,5 4	IN	V2027 	06D 109 601M 079 109 601B	33,8x6x104	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→											

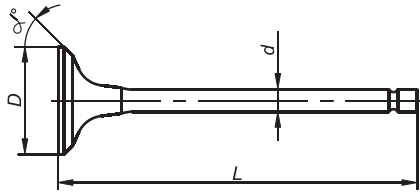
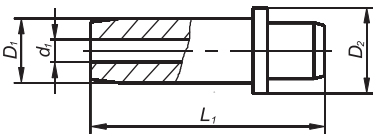
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
A6 3.0 TDI 24V Eng. CDYA/CDYB/CDYC 2984ccm 155/176kw(211/239PS)	08→	82,5 4	IN	V1609	059 109 601G	28,6x6x99,3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

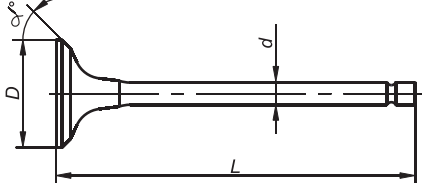
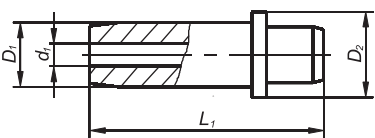
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
A8 4.2 V8 32V Eng. ABZ 4112ccm 221kw(300PS)	94→ 	84,5	IN	V889	051 109 601B	32x7x95,5	45 3	VV160	051 103 419	7x12,07x35	B
		V-8	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	IN	V1593	077 109 601K	32,7x6x94,6	45 3				
		V8	EX	V1594	077 109 611D	27x6x97	45 3				
A6 Avant/Quattro 3.7 40V Eng. AQG 3697ccm 191kw(260PS)	97-05 	84,5	IN	V1137	077 109 601Q	26,9x6x96,5	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
		V-8									
			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										
A8 4.2 Quattro 40V Eng. AQF, AUW, AUX 4172ccm 228kw(310PS)	94-02 	84,5	IN	V1579*	s.e. 8,3 mm	27,1x6x99	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
		V8	EX	V1580*		24,1x6x99	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
A4 3.2 FSI 24V A6 3.2 FSI 24V A6 Allroad 3.2 FSI 24V Eng. AUK 	05-09 04-08 	84,5	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
A4 3.2 FSI 24V A6 3.2 FSI 24V Eng. BKH 3123ccm 188kw(256PS)	06-08 06-09 		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 A6 3.2 FSI 24V Eng. CALA 3197ccm 195kw(265PS)	07→ 09→ 										
S4 3.0 Eng. CAKA 2995ccm 245kw(333PS)	09→										

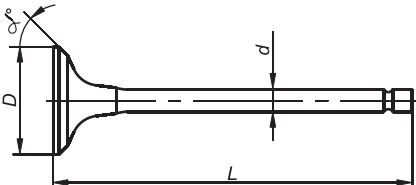
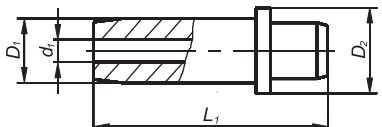
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12		
AUDI													
Q7 3.0 TDi 24V Eng. BHK 3597ccm 206kw(280PS)	06→	89	IN	V1685	022 109 601G	33,2x6x102,4	45	3	VV512		6x10,04x44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

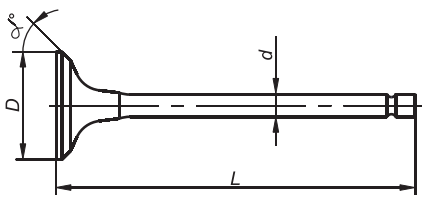
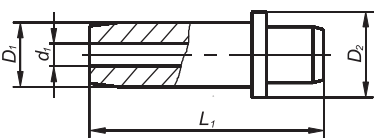
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI DIESEL												
80 CC/CD / Quattro 1.6 90 CC/CD 1.6 Eng. JK 1588ccm 40kw(54PS)	85→ 87→ 	76,5 4	IN	V543	068 109 601L	34x8x95,1	45	3	VV76	056 103 419A	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						
			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	
V544N4		+1,5S										
V544N5		+1,0S										
80 CL/CD-Turbo 1.6 90/CL/CD Turbo 1.6 4000 Turbo 1.6 Eng. CY Turbo 1588ccm 52kw(70PS)	85→ 84→ 81→ 	76,5 4	IN	V541A	068 109 601D	34x8x104,8	45	3	VV76	056 103 419A	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						
			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	
V542N4		+1,5S										
V542N5		+1,0S										
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→ 85→ 	76,5 4	IN	V543A	068 109 601M 068 109 601N	34x8x95,1	45	3	VV76	056 103 419A	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						
			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										

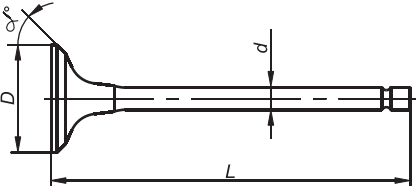
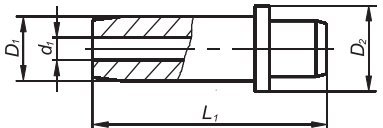
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
100 L5D/GL5D/CD5D 2.0 100 Avant 2.0 Eng. CN 1986ccm 52kw(70PS)	78-81 5	IN	V800	069 109 601	36x8x104,8	45	1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
			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
			V756N1 V756N3								
100/Avant Turbo 2.0 TD Eng. DE Turbo 1986ccm 64kw(87PS)	83-85	IN	V756					VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
			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	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
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
			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

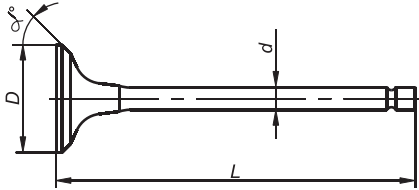
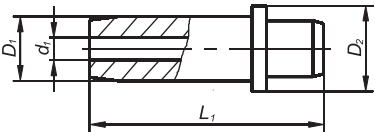
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3		4	5	6	7	8		9	10	11	12
AUDI DIESEL													
100 CC/CD-Turbo 2.0 100 Avant-Turbo 2.0 100/100 Avant-Turbo 2.0 Eng. NC 1986ccm 64/75kw(87/102PS)	85→ 86→ 88→	76,5 5	IN	V697A V697N1 V697N3	069 109 601G 069 109 601H	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	V544A V544N V544N1 V544N3 V544N4 V544N5	068 109 611M 069 109 611	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
A2 1.2 TDI Eng. ANY Turbo 1191ccm 45kw(61PS)	01→	76,5 3	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
A2 1.4 TDI Eng. AMF Turbo 1422ccm 55kw(75PS)	99→	79,5 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
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 VV151N VV151.1	037 103 419B		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* * Retainer	059 109 601C 059 109 601B 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* * Retainer	059 109 611C 059 109 611B 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												

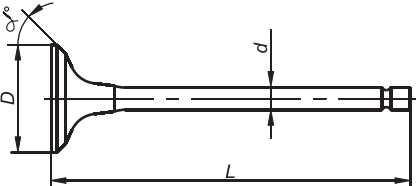
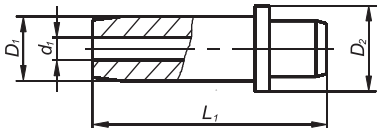
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
A4 2.5 TDI 24V 03-05 A6 Allroad 2.5 TDI 24V 03-05 Eng. BCZ 2496ccm 120kw(163PS)	78,3 6	IN	V1277*	059 109 601F	27,1x6x100,6	45	3	VV272		6x10,07x42	B
			* Retainer	s.e. 8,5 mm				VV272N		+0,05	F
								VV272.1		+0,15	
								VV392		6x10,07x36	B
								VV392.1		+0,05	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)	78,3 6	EX	V1278*	059 109 611G	24,1x6x100,6	45	3	VV272		6x10,07x42	B
			* Retainer	s.e. 8,5 mm				VV272.1		+0,15	F
								VV392		6x10,07x36	B
								VV392.1		+0,05	F
A4 2.5 TDI 24V 03-04 A6 2.5 TDI 24V 03-05 Eng. BDH 2496ccm 132kw(179PS)	78,3 6	EX	V1275*	057 109 601	27,1x6x99	45	3	VV272		6x10,07x42	B
			* Retainer	s.e. 2,4 mm				VV272N		+0,05	F
								VV272.1		+0,15	
								VV215		6x11,5/10,07x41,5	B
								VV272		6x10,07x42	B
								VV272N		+0,05	F
Audi A8 Quattro 3.3TDI 32V 00-→ Eng. AKF Turbo 3328ccm 165kw(224PS)	78,3 V8	EX	V1276*	057 109 611	24,1x6x99,1	45	3	VV272		6x10,07x42	B
			* Retainer	s.e. 2,4 mm				VV272N		+0,05	F
								VV272.1		+0,15	
								VV216		6x11,5/10,07x41,5	B
A1 1.6 TDI 10-→ Eng. CAYB/CAYC A3 1.6 TDI 09-→ Eng. CAYA/CAYB 1598ccm NEW	79,5 4	IN	V2029	03L 109 601A	26,6x6x99,3	45	3				
			V2030	03L 109 611A	24,5x6x99,1	45	3				
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	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	
			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	
	79,5 4	EX	V1832	038 109 611F	31,5x7x89,5	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
								VV151N		+0,05	G
								VV151.1		+0,15	

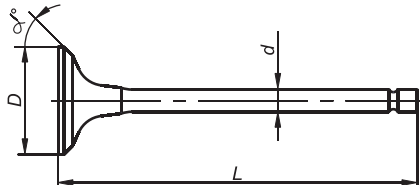
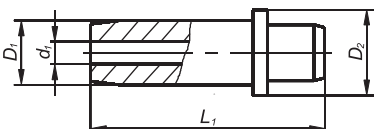
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12		
AUDI DIESEL													
A2 1.4 TDI Eng. AMF, AXR 1422ccm 55kw(75PS)	03→ 79,5 4	IN	V1663 V1663N1	038 109 601E	36x7x89,5 +0,5S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G		
A3 1.9 TDI Eng. BKC 1896ccm 77kw(105PS)	03→	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 Eng. 1Y 1896ccm 47kw(64PS)	89→ 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		
100 2.4 D Eng. 3D 2370ccm 60kw(82PS)	89→ 79,5 5	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 2.4 D Eng. AAS 2370ccm 60kw(82PS)	93→												
80 Turbo Diesel 1.9 Eng. AAZ Turbo 1896ccm 55kw(75PS)	91→ 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		
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		

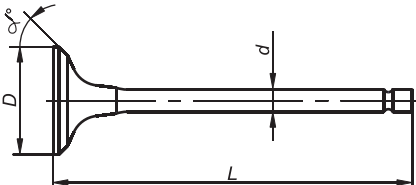
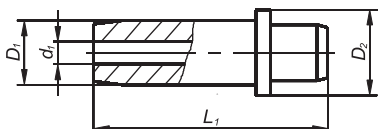
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
A4 II/A4 Avant 1.9 TDI Quattro/ Avant, Quattro/Cabrio 96-97 Eng. AHU/AFN/AVG Turbo 1896ccm 55/66/81kw(75/90/110PS)	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 96-98 Eng. AFF Turbo 1896ccm 55kw(75PS)											
A6 1.9 TDI 97→ Eng. AFN/AHU Turbo 1896ccm 66/81kw(90/110PS)											
A4 II/A4 Avant 1.9 TDI 97→ A6 1.9 TDI 96-01 Eng. AHH, AHU, AJM, AVG Turbo Cabriolet 1.9 TDI 96→ Eng. AHU Turbo A3 1.9 TDI 96-98 Eng. AGR Turbo A3 1.9 TDI 97-01 Eng. ALH Turbo 1896ccm 66kw(90PS) A3 1.9 TDI 00-01 Eng. ASV/AHF Turbo A3 1.9 TDI 97-98 Eng. AHF Turbo 1896ccm 81kw(110PS)											
80 1.9 TDi 91→ A3 1.9 TDi 94-97 A4/A4 Avant 1.9 TDi 94-97 A6/A6 Cabrio 1.9 TDi 95→ Eng. 1Z Turbo 1896ccm 66kw(90PS)	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
		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

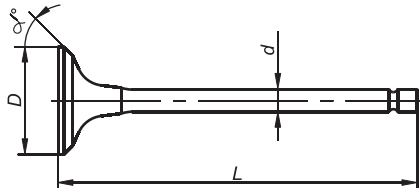
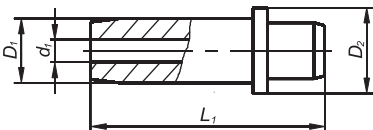
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
100 Avant 2.4D Eng. AAS 2370ccm 60kw(81PS)	91→	79,5 5	IN	V823	046 109 601G 046 109 601J	36x8x96,9	45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
				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
				V822N1							
100 Avant 2.5TD Eng. 1T Turbo 2460ccm 88kw(120PS)	90→	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
				V822N1							
				V822N1							
100 Avant 2.5TD Eng. AAT/ABP Turbo 2460ccm 85kw(115PS)	91→	81 5	EX	V698	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
				V698N1							
				V698N3							
100 Avant 2.5 TDI A6/A6 Quattro 2.5 TDI A6/Avant 2.5 TDI Eng. AAT/AEL/AEM/ABP Turbo 2460ccm 85/103kw(115/140PS)	91→ 94→ 94-96	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
				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
				V822N1							
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
				V1491	03G 109 601A	29,4x6x88,5	45 3	VV215		6x11,5/10,07x41,5	B G
				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

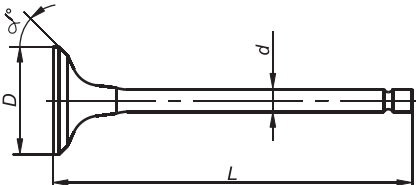
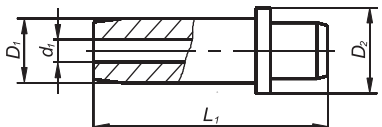
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
A4 2.0 TDi 16V 07→	81	IN	V1693	03L 109 601	28,1x6x99,3	45	3	VV272		6x10,07x42	B
A4 Allroad / A5 / Q5 2.0 TDi 16V 09→	4							VV272N		+0,05	F
Eng. CAGA								VV272.1		+0,15	
1968ccm 105kw(143PS)		EX	V1694	03L 109 611	26x6x99,1	45	3	VV272		6x10,07x42	B
				03L 109 611S				VV272N		+0,05	F
A4 2.0 TDi 16V 07→								VV272.1		+0,15	
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)											
A4/A5/Q5 2.0 TDi 16V 08→											
A4 Allroad/A6 2.0 TDi 16V 09→											
Eng. CAHB											
1968ccm 120kw(163PS)											
A3 2.0 TDi 16V 08→											
Eng. CBAA/CBAB											
1968ccm 100/103kw(136/140PS)											
A3 2.0 TDi 16V 08→											
Eng. CBBB											
1968ccm 125kw(170PS)											

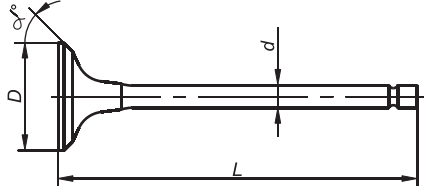
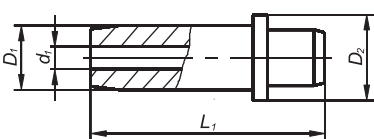
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
A3 2.0 TDi 16V Eng. CFFA/CFFB 1968ccm 100/103kw(136/140PS)	09→	81 4	IN	V1693	03L 109 601	28,1x6x99,3	45 3	VV272		6x10,07x42 +0,05 +0,15	B F
								VV272N			
								VV272.1			
A5 2.0 TDi 16V Eng. CHEA 1968ccm 105kw(143PS)	10→		EX	V1694	03L 109 611 03L 109 611S	26x6x99,1	45 3	VV272		6x10,07x42 +0,05 +0,15	B F
								VV272N			
								VV272.1			
A4 2.0TDi Eng. BPW 1996ccm 103kw(140PS)	08→	81 4	IN	V1691	038 109 601F	36x7x88,8	40 3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
								VV151N			
			EX	V1692	038 109 611G	31,5x7x88,4	40 3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
								VV151N			
A6 Allroad 3.0 TDi 24V A4 3.0 TDi 24V A8 3.0 TDi 24V Eng. ASB 2967ccm 171kw(233PS) A6 3.0 TDi 24V Eng. BMK 2967ccm 165kw(224PS) A6 3.0 TDi 24V A6 Allroad 3.0 TDi 24V A3 3.0 TDi 24V Eng. BNG 2967ccm 155kw(211PS) A4 3.0 TDi 24V Eng. BKN 2967ccm 150kw(204PS) A4 2.7 TDi 24V A6 2.7 TDi 24V A6 Allroad Eng. BPP 2698ccm 132kw(179PS)	06-09 04-10 04-06 04-08 03-10 04-09 06-09 04-08 04-08	83	IN	V1609	059 109 601G	28,6x6x99,3	45 3	VV392		6x10,07x36 +0,05	B F
								VV392.1			
								VV392			
			EX	V1610	059 109 611H 059 109 611K 059 109 611M	26,8x6x99,2	45 3	VV392		6x10,07x36 +0,05	B F
								VV392.1			
								VV392			
								VV392.1			
								VV392			
								VV392.1			
								VV392			
								VV392.1			
								VV392			
								VV392.1			
								VV392			
								VV392.1			
								VV392			
								VV392.1			
								VV392			

	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/A6/A6 Allroad 2.7 TDi 24V Eng. BSG 2698ccm 120kw(163PS)	05-08	83	IN	V1609 V1610	059 109 601G 059 109 611H 059 109 611K 059 109 611M	28,6x6x99,3 26,8x6x99,2	45 45	3 3	VV392 VV392.1 VV392 VV392.1	6x10,07x36 +0,05 6x10,07x36 +0,05	B F B F
Q7 6.0 TDi Eng. BTR 4134ccm 240kw(326PS)	07-09		EX								
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, CANS, 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→										
A4/A5 2.7 TDi 24V Eng. CEKA 2698ccm 140kw(190PS)	08→										
Q7 3.0 TDi 24V Eng. BUN 2967ccm 155kw(211PS)	07→										
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→										

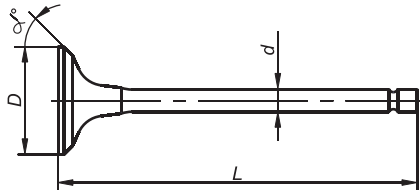
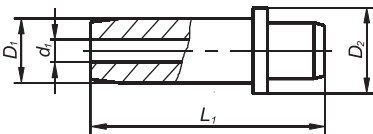
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUDI DIESEL												
A4 3.0 TDi 24V Eng. CCLA 2995ccm 176kw(239PS)	09→	84,5 6	IN	V1693	03L 109 601	28,1x6x99,3	45	3	VV272 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
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
				EX	V1432	WAM4003	31,2x7x91	45	1	VV334 VV334N	WAM4227	7x12,03x32 +0,05
Metro 1.4 SL/GS/GTa Eng. K Series 1396ccm 56kw(76PS)	89→											
Metro 1.4 Gti 16V (Twin Cam) Eng. K Series	90→	75 4	IN	V1329	LGH10029 GH10029 GH061586 WAM1655	27,7x6x89,6	45	1	VV269 VV269N	WAM1452	6x9,85x30 +0,05	G A
				EX	V1330	LGH10028 GH10028 GH061587 WAM4127	24,2x6x90	45	1	VV269 VV269N	WAM1452	6x9,85x30 +0,05
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 4	IN	V1489	LGH10036 BDU1399	37,2x7,4x93,8	45	1	VV366 VV366N	CAM5821	7,4x12,06x39 +0,05	G A1
				EX	V1490	LGH10037 BDU1400	33,6x7,4x93,8	45	1	VV366 VV366N	CAM5821	7,4x12,06x39 +0,05
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)												

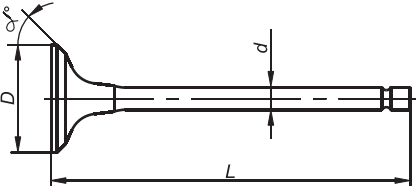
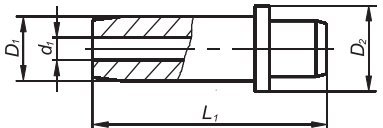
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
AUTOBIANCHI												
A112E Eng. 100GL6.000 903ccm	69-86	65 4	IN	V257	4 265 695	29x7x95,3	45	1	VV70	4 265 699	7x13,01x42,5	G
									VV70.1	4 372 331	+0,05	F
A112 Elegant Eng. A112B1.000 903ccm	67,2 4								VV70.2	4 372 332	+0,10	
									VV70.3	4 265 700	+0,20	
									VV70.4	4 372 333	+0,25	
A112 Elegant – Elite A122 Junior – LX Eng. A112A-A112B1 965ccm	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	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	
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
Y10ie – Y10 4WDie Y10ie LX Eng. 160A3.000 Fire 1108ccm	89→	4	EX	V732	7666227 5942728	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	
AVIA												
Avia A-30 Avia	102 4		IN	V491	360-020243	45,7x10x140,7	45	1				
			EX	V492	362-020261	37x10x140,2	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
BEDFORD											
Rascal Eng. F10A Suzuki 970ccm	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
Astra 1.3L Van Eng. 1.3N-S 1297ccm 44/55kw(50/63PS)	75 4	IN	V357	642 763	33x7x105	45	1	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1
		EX	V358	642 890	29x7x105	45	1	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1
Astra L Van Eng. 1.6SV 1598ccm 55kw(75PS)	79 4	IN	V859	642 679	38x7x101,1	46	1	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1
		EX	V860	642 854	31x7x101,1	46	1	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1
Astra 1.6L Van Eng. 1.6N-S 1598ccm 66kw(90PS)	80 4	IN	V817	642 635	35x8x106,1	46	1	VV144		8x12,01x43	G A1
		EX	V818	642 789	32x8x106,1	46	1	VV144		8x12,01x43	G A1
CF2 Van Eng. 2.0N-S 1979ccm 74kw(100PS)	95 4	IN	V609 V609.1 V609.2	642 750	42x9x123 +0,075d +0,15d	46	1				
		EX	V245 V245.1 V245.2	642 873	37x9x123,7 +0,075d +0,15d	46	11				
BEDFORD DIESEL											
Astra 1.6 Van Eng. 1.6D/DA 1598ccm 40kw(54PS)	80 4	IN	V695	642 651	36x8x123,2	46	1	VV120 VV120.1 VV120N		8x12,01x50 +0,05 +0,2	G A1
		EX	V696	642 818	32x8x123,2	46	1	VV120 VV120.1 VV120N		8x12,01x50 +0,05 +0,2	G A1
BELAZ											
6DM-21A		IN	V507	0330 05 060 5	71,9x15,9x236	60	19				
		EX	V508	0330 05 070 5	67,9x15,9x236	45	19				

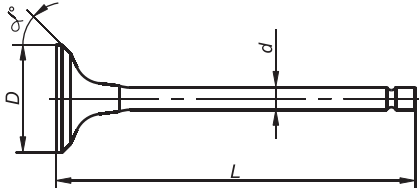
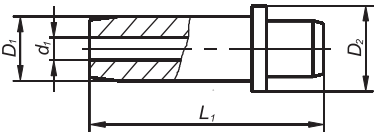
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
BÜSSING												
U10, S10 812/818 9842ccm 110kw(150PS)	60-72	118 6	IN EX	V483 V484	88 04101 0213 88 04101 0212	53x11x177,8 46x11x177,8	45 45	15 15	VV16 VV15	ŠM 07 01 014 ŠM 07 01 015	11x18,04x96 11x18,04x91	G F12 G F1
U12D, S12D 712/714 12316ccm 177kw(240PS)	→79	132 6	IN EX	V485 V486	88 04101 005 88 04101 002	60,5x12x186,5 50x13x186,5	45 45	15 15	VV28 VV29	712 901 21 00 06 0102 0118 712 901 15 00 06 0102 0119	12x20,04x88 13x20,04x88	G F1 G F
U12DA, S12DA 12316ccm 206/236kw(280/320PS)	→79											
BMW												
114-1165-118 1.6i 16V Eng. N13B16-F20 1598ccm NEW	11→	77 4	IN EX	V2031 V1674	1134 7 585 901 1134 7 547 187	29,7x5x95,1 26x5x110,1	45 45	3 3	VV519 VV519N VV520 VV520N	 5x9,03x41 +0,05 5x9,03x44,5 +0,05	B A B A	
Mini One 1,4 1397ccm Mini Cooper 1,6 1596ccm	07→	77 4	IN EX	V1701 V1702	1134 7 533 884 1134 7 533 885	30x5x97 25,1x5x110,8	45 45	3 3	VV519 VV519N VV520 VV520N	 5x9,03x41 +0,05 5x9,03x44,5 +0,05	B A B A	
Mini One 1,6 16V Mini Cooper 1,6 16V 1596ccm 66/85kw(90/115PS)	01→	77 4	IN EX	V1705 V1706	1134 7 485 585 1134 7 829 943	30,3x6x109,5 23,3x6x118,3	45 45	3 3	VV526 VV526N VV526 VV526N	 6x11,06x42 +0,05 6x11,06x42 +0,05	G A G A	
320i 2.0i Eng. M50B20 Mod E30 320i 24V 2.0i 320i Coupe 24V 2.0i Eng. M50B20 Mod E36 520i 24V 2.0i 520i Touring 24V 2.0i Eng. M50B20 Mod E34 1991ccm 110kw(150PS)	87-92 92 92 90-92 90-92	80 6	IN EX	V399 V400	1134 1 722 910 1134 1 722 896 1134 1 722 911 1134 1 722 897	29,9x7x107,7 26,9x7x106,8	45 45	3 3	VV188 VV188.1 VV188.2 VV188.3 VV188.4 VV188 VV188.1 VV188.2 VV188.3 VV188.4	1112 1 715 373 1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30 7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F B F

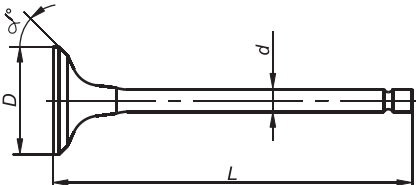
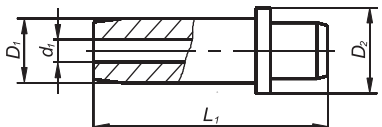
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
BMW											
320i, Coupe, Cabrio, Touring 2.0i 24V 92→ Eng. M50B20 Mod E36 320i, Coupe, Cabrio 2.0i 24V 98→ Eng. M52B20 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
			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
		EX	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 1112 1 267 676 1112 1 267 677 1112 1 267 678	7x13,05x45 +0,05 +0,10 +0,20 +0,30 +0,35	B F
				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 1112 1 267 676 1112 1 267 677 1112 1 267 678	7x13,05x45 +0,05 +0,10 +0,20 +0,30 +0,35	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 1112 1 267 676 1112 1 267 677 1112 1 267 678	7x13,05x45 +0,05 +0,10 +0,20 +0,30 +0,35	B F
320i, 520i 2.0 81→ Eng. M20B20K 1990ccm 92kw(125PS)		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 1112 1 267 676 1112 1 267 677 1112 1 267 678	7x13,05x45 +0,05 +0,10 +0,20 +0,30 +0,35	B F
320i 2.0 83→ Eng. M20B20L 1990ccm 95kw(129PS)											
323i 2.3 77-82 Eng. M20B23K 2316ccm 105kw(143PS)											
323i 2.3 83→ Eng. M20B23L 2316ccm 110kw(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 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											
323i / 523i 2.5 24V 323i 2.5 24V 323i / 325i 2.5 24V 325i 2.5 24V 523i / 525i 2.5 24V 525i 2.5 24V X3 2.5Si 2,5 24V LCI Z4 2.5i/Si 24V Eng. N52 B25 A 325i 2.5 24V 325i 2.5 24V 325i 2.5 24V 325i 2.5 16V Eng. N52 B25 OL 523i 2.5 24V 523i 2.5 24V 523i 2.5 24V LCI Eng. N52 B25 UL 523i 2.5 24V Eng. N53 B25 UL 2497ccm 130/140/160kw(177/190/218PS)	04-07 10→ 07-09 06-08 07-10 04-07 06-09 06 05-08 07-10 05-10 05-07 07-09 07-10 07-09 2497ccm 130/140/160kw(177/190/218PS)	82 6 EX	IN EX	V1699 V1700	1134 7 539 919 1134 7 553 774	32,2x5x104,5 27x6x110,4	45 3 45 3	VV523 VV523N VV524 VV524N	 6x10,04x48 +0,05	5x10,04x42 +0,05 6x10,04x48 +0,05	B A B A
325e 2.7 Eng. M20B27ME 2693ccm 90kw(122PS) 525e 2.7 Eng. M20B27ME 2693ccm 92kw(125PS) 528e/528e USA 2.7 Eng. M20B27ME 2693ccm 90kw(122PS)	84→ 83→ 84→	84 6 EX	IN EX	V1215 V1216	1134 1 267 721 1134 1 267 687 1134 1 267 722 1134 1 267 688	39,9x7x102,5 33,9x7x102,5	45 3 45 3	VV161 VV161.1 VV161.2 VV161.3 VV161.4 VV161.5 VV161 VV161.1 VV161.2 VV161.3 VV161.4 VV161.5	1112 1 280 523 1112 1 267 676 1112 1 267 677 1112 1 267 678 1112 1 280 523 1112 1 267 676 1112 1 267 677 1112 1 267 678	7x13,05x45 +0,05 +0,10 +0,20 +0,30 +0,35 7x13,05x45 +0,05 +0,10 +0,20 +0,30 +0,35	B F B F
116i 1.6 16V 316i 1.6 16V Eng. N45 B16 TU2 OL 1596ccm 85kw(116PS)	07→ 07→	84 4 EX	IN EX	V1931 V1932	1134 7 555 760 1134 7 552 053 1134 7 552 955	30x6x106,7 27x6x114,6	45 3 45 3	VV518 VV518N VV524 VV524N	 6x10,04x39 +0,05 6x10,04x48 +0,05	6x10,04x39 +0,05 6x10,04x48 +0,05	B A 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 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	VV518 VV518N	6x10,04x39 +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
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 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	12→ 11→ 10→	84 4	IN EX	V2033 V2034	1134 7 583 777 1134 7 583 779 1134 7 598 273	32x5x105 28x6x112,8	45	3	VV523 VV523N VV524 VV524N	5x10,04x42 +0,05 6x10,04x48 +0,05	B A B A

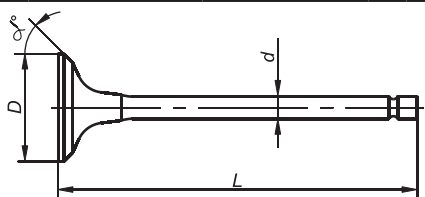
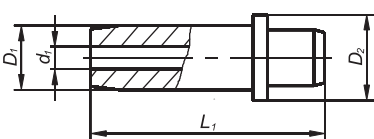
NEW

	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
BMW											
135i 3.0 24V 135i 3.0 24V 335i 3.0 24V 335ix 3.0 24V 535i 3.0 24V 535ix 3.0 24V 640i-ix 3.0 24V 740i 3.0 24V X3 35iX 3.0 24V X5/X6 35i 3.0 24V X5/X6 35i 3.0 24V Eng. N55-N55B30 2979ccm NEW	09→ 12→ 09→ 10→ 09→ 10→ 11→ 11→ 10→ 09→	84 6	IN EX	V2033 V2034	1134 7 583 777 1134 7 583 779 1134 7 598 273	32x5x105 28x6x112,8	45 45	3 3	VV523 VV523N VV524 VV524N	5x10,04x42 +0,05 6x10,04x48 +0,05	B A B A
318i/ti 1.8 16V Eng. N42B18, N46B18A 1796ccm 85kw(115PS) 118i 2.0 16V 120i 2.0 16V 318i/ti/Ci 2.0 16V 320i 2.0 16V Eng. N42B20A, N46B20B 1995ccm 105/110kw(143/150PS)	01→ 04→ 03→ 01→ 07→	84 4	IN EX	V1585 V1586	1134 1 440 304 1134 1 707 519	32x6x100 29x6x100,1	45 45	3 3	VV518 VV518N VV518 VV518N	6x10,04x39 +0,05 6x10,04x39 +0,05	B A B A
116i, 316i 1.6 Eng. N45B16A 1596ccm X5 4.4i 32V E53 545i 4.4i 32V E60 645i 4.4i 32V E64 745i 4.4i 32V E65 Eng. N62B44 4398ccm 235/245kw(320/333PS)	03→ 03-06 03-05 04-05 01-05	84 4	IN EX	V1681 V1586	1134 1 435 461 1134 7 503 737 1134 7 707 519 1134 7 503 738	35x6x100 29x6x100,1	45 45	3 3	VV518 VV518N VV518 VV518N	6x10,04x39 +0,05 6x10,04x39 +0,05	B A B A
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 7 539 915 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

	CYL. Ø 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												
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	IN	V1703	1134 7 593 915 1134 7 553 771	34,2x5x104,5	45	3	VV523 VV523N		5x10,04x42 +0,05	B A
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	EX	V1704	1134 7 553 772	29x6x110,6	45	3	VV524 VV524N		6x10,04x48 +0,05	B A
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	84 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	8x14,04x50 +0,05 +0,10 +0,20 +0,30	B F
1800, 1802 1.8 Eng. 118/3 316 1.8 Eng. 118/4 Eng. M10B18 V/S	69-75	89 4	EX	V1318	1134 1 251 498	34,9x8x104,3	45	3	VV191 VV191.1 VV191.2 VV191.3 VV191.4	1112 1 263 642	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→											
518 1.8 Eng. 118/3/4 Eng. M10B18 V/S 1766ccm 66/72kw(90/98PS)	75-80 80-84											

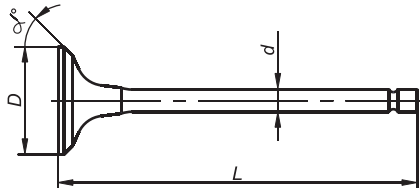
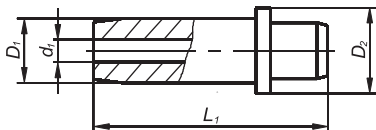
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
BMW											
316i 1.6 Eng. M40B16 Mod E30 1596ccm 73kw(100PS)	88-90	84 4	IN	V841	1134 1 727 358 1134 1 709 941	42x7x102,1	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. M40B18ME 318i 1.8 →90 Eng. M40B18 Mod E30 518i 1.8 90→ Eng. M40B18 Mod E40 1796ccm 77/83kw(105/113PS)	87-93 →90 90→		EX	V842	1134 1 727 352 1134 1 717 878	35,9x7x101,1	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. M40 1766ccm 77kw(105PS)	87→	89 4	EX	V1124	1134 1 713 731	34,9x7x101,1	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 5.0 24V Eng. M70B50 Mod E32 850i 5.0 24V Eng. M50B50 Mod E31 4988ccm 220kw(300PS)	86→ 89→	84 V-12						VV188	1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	
								VV188.1			
								VV188.2			
								VV188.3			
850 CSi 5.6 24V 5576ccm								VV188.4			
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		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 →90 325i 2.5 24V 91→ 325i, Coupe 2.5 24V →92 525i 2.5 24V 90-92 Eng. M50B25 Mod E36 2494ccm 125/141kw(170/192PS)	→90 91→ →92 90-92	84 6						VV188.4			

	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
BMW											
525iX Touring 1.8 24V 92→ Eng. M50B25 Mod E34 318i S 1.8 16V 89→92 Eng. M42B18 Mod E30 1796ccm 103kw(140PS)	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	B
								VV188.1		+0,05	F
								VV188.2		+0,10	
								VV188.3		+0,20	
								VV188.4		+0,30	
		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	B
								VV188.1		+0,05	F
								VV188.2		+0,10	
318i/318i Cabrio, Confort 1.8 16V 95→ 318iS Coupe 1.8 16V 93→ Eng. M42B18 Mod E36 1796ccm 85/103kw(115/140PS) 323i 2.5 24V Mod. E36 95→ 323i/323i Coupe 2.5 24V Mod. E46 98→ 323i T Compact 2.5 24V Mod. E39 97→ 523i 2.5 24V Mod. E39 95→ Z3 2.5 24V Mod. E39 Eng. M52B25 2494ccm 125kw(170PS) 325i/325i Coupe 2.5 24V Mod. E36 92→ 525i/525i Touring 2.5 24V Mod. E34 90→ Eng. M50B25 2494ccm 141kw(192PS) X3 2.5i 24V 03→ Eng. 256S5 2494ccm	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	B
								VV202.1		+0,05	F
								VV202.2		+0,10	
	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	B
								VV202.1		+0,05	F
								VV202.2		+0,10	
								VV202.3		+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	
BMW												
318iS 2.8i 24V Mod. E36 Coupe, Cabrio, Touring 328i 2.8i 24V Mod. E46 528i 2.8i 24V Mod. E39 728i 2.8i 24V Mod. E38 Z3 Roadster 2.8i 24V Mod. E36 Eng. M52B28 2793ccm 142kw(193PS)	95→ 94→ 95→ 96→ 96→	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	
330i/Ci/Xi 3.0i 24V 530i 3.0i 24V X5 3.0i 24V Z3 3.0i 24V Eng. M54B30 Mod. E36 2973ccm 170kw(230PS)	00→ 00→ 00→ 00→		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
X3 3.0i 24V Z4 3.0i 24V Eng. 306S3 2979ccm	02→ 03→											
318i S/Ti Compact 1.9i 16V Z3 Roadster 1.9i 16V Eng. M44B19 Mod. E36 1895ccm 103kw(140PS)	96→ 96→			85 4								
Z1 2.5 Eng. M20 Mod Z1 325i 2.5 325iC/iX 2.5 Eng. M20B25 525i 2.5 Eng. M20B25M 2454ccm 125kw(170PS)	88-91 85→ 88-90 88-90			IN	V941	1134 1 720 827 1134 1 708 895	42x7x102,5	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
325i 2.7i 525i 2.7i Z1 2.7i Eng. M20B27M OHC 2693ccm 124kw(170PS)	88-91 88-91 88-91	EX			V942	1134 1 720 828 1134 1 708 896	36x7x102,5	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

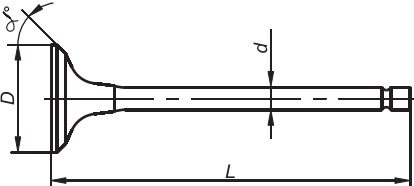
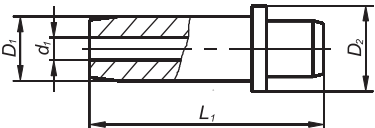
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
BMW											
530i Touring V8 3.0 32V Eng. M60B30 Mod E34 730i/730iL V8 3.0 32V Eng. M60B30 Mod E38 2997ccm 160kw(218PS)	93→	84 V-8	IN	V1101 1134 1 736 567 1134 1 731 642	31,9x6x104	45	3	VV414 VV414.1 VV202 VV202.1 VV202.2 VV202.3	1112 1 735 534	6x12,06x43,4 +0,03 +0,50 +0,55 +0,60 +0,70	B F
535i V8 3.5 32V Eng. M62B35 Mod E39 735i/735iL V8 3.5 32V Eng. M62B35 Mod E38 3498ccm 173kw(235PS)	95→ 96→		EX	V1102 1134 1 736 576 1134 1 731 643	28,5x6x103,6	45	3	VV414 VV414.1 VV202 VV202.1 VV202.2 VV202.3	1112 1 735 534	6x12,06x43,4 +0,03 +0,50 +0,55 +0,60 +0,70	B F
316i Compact 1.6 316i/Coupe 1.6 Eng. M43B16 Mod E36 1596ccm 75kw(102PS)	94→ 93→	84 4	IN	V1177 1134 1 739 658 1134 1 436 949	42x7x104	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/Cabriolet, Touring 1.8 Eng. M43B18 Mod E36 518i/Touring 1.8 Eng. M43B18 Mod E34 Z3 Roadster 1.8 Eng. M43B18 Mod E36 1796ccm 85kw(116PS)	93→ 93→ 96→		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
750i, 750iL 24V 5.4 Eng. M73B54 Mod E38 850 Ci 24V 5.4 Eng. M73B54 Mod E31 5379ccm 240kw(327PS)	94→ 94→	85 V-12									
Z3 1.9 316i, 318i 1.9 Eng. M43B19 Mod E46 1895ccm 87kw(118PS)	98→ 98→	85 4									
850CSi 24V 5.6 Eng. M70B56 5576ccm 279kw(380PS)	93→	86 V-12									

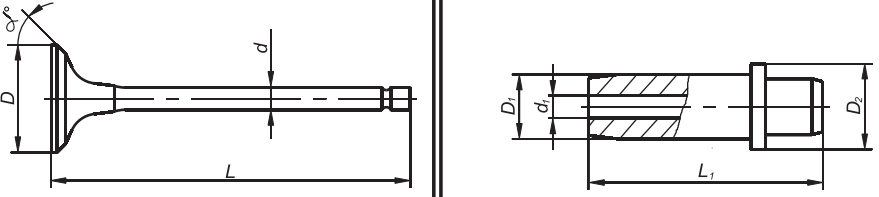
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
BMW											
130i 3.0 24V 325i 3.0 24V 325xi 3.0 24V 330i 3.0 24V 525i 3.0 24V 525xi 3.0 24V 530xi 3.0 24V 630xi 3.0 24V 730i-Li 3.0 24V X5 3.0i 24V Z4 3.0i 24V Eng. N53 B30A 2996ccm NEW	10→	85 6	IN	V2035	1134 7 552 952	32x5x106,7	45 3	VV523 VV523N		5x10,04x42 +0,05	B A
			EX	V2036	1134 7 552 953	29x6x114,6	45 3	VV524 VV524N		6x10,04x48 +0,05	B A
M3 Coupe/Cabriolet 3.0 24V Eng. S50B30 Mod E36 2990ccm 210kw(286PS)	92-95	86 6	IN	V1149	1134 1 401 104	34x7x119,7	45 3				
			EX	V1150	1134 1 401 105	30,5x7x121,3	45 3				
525i/525i 2.5i Mod. E28 Eng. M30B25L/V 2494ccm 107/110kw(146/150PS) 528/528i 2.8i Mod. E18 77-87 628/CSi 2.8i Mod. E28 79-87 728/728i 2.8i Mod E23 77-86 Eng. M30B28 2788ccm 125kw(170PS) M3 3.2i 24V 95-99 Z3 3.2i 24V 97-00 Eng. S50B32 Mod. E36 3152ccm 179kw(243PS)	77-87 79-87 77-86	86 6 86,4 6	IN	V1563	1134 1 273 592 1134 1 257 592	46x8x106,5	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
			EX	V1564	1134 1 250 129 1134 1 269 419	38x8x107,1	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

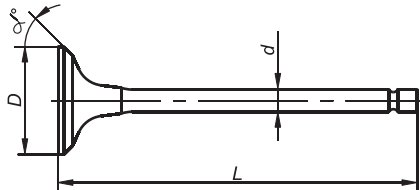
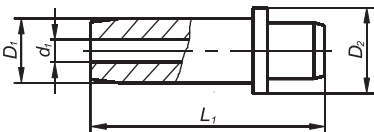
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
BMW											
530i 3.0i Mod. E34 630CSi 3.0i Mod. E24 730/730i/iL 3.0i Mod. E23 Eng. M30B30 ME 2986ccm 132/145kw(179/197PS)	88→ 76→ 76→	89 6	IN	V1563 1134 1 273 592 1134 1 257 592	46x8x106,5	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
732i 3.2i 745i 3.2i Turbo Eng. M30B32 M/LA 3210ccm 130/136/145/185kw	83→86 79→83		EX	V1564 1134 1 250 129 1134 1 269 419	38x8x107,1	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
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									
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→										

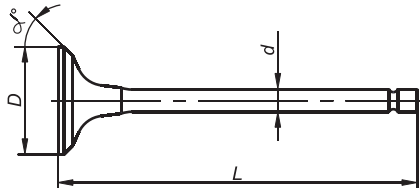
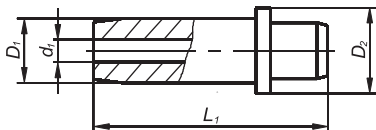
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
BMW											
320i/iS 2.3 2302ccm	86-89 144kw(195PS)	93,4 4	IN	V1245	1134 1 309 343	37x7x121,4	45 3	VV309 VV309.1 VV309.2 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→	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

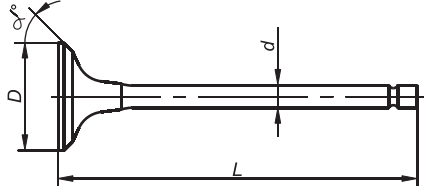
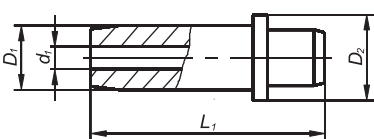
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
BMW DIESEL											
324 TD 2.4 85→ 524 TD 2.4 83→ Eng. M21D24 WA Turbo 2443ccm 85kw(115PS)	80	IN	V937	1134 2 242 624 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
		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
X3 2.0D 03→ Eng. 204D4 1995ccm		EX	V994	1134 2 247 077	26x6x99,9	45	3	VV247 VV247.1		6x11,55x39 +0,05	B A
525 TDS Turbo 2.5 24V 98→ Eng. M57D25 Mod E46 Turbo 2498ccm 105kw(143PS)	84										

	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 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											
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	V994	1134 2 247 077	26x6x99,9	45 3	VV247 VV247.1		6x11,55x39 +0,05	B A
			EX	V994	1134 2 247 077	26x6x99,9	45 3	VV247 VV247.1		6x11,55x39 +0,05	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	V1859	1134 7 799 612	27,5x6x99,8	45 3	VV247 VV247.1		6x11,55x39 +0,05	B A
			EX	V994	1134 2 247 077	26x6x99,9	45 3	VV247 VV247.1		6x11,55x39 +0,05	B A
CADILLAC											
9-3 BLS 2.0T 16V 1998ccm 127kw(175PS)	06→	86 4	IN	V1069	12786696 55192156	35,1x6x102,3	45 3	VV461	9006082	6x10,04x36	G A
			EX	V1070	12791961	30,1x6x100,9	45 3	VV461	9006082	6x10,04x36	G A
Catera 3.0 24V Eng. X30 XE DOHC 2962ccm 155kw(210PS)	96→	88 V6	IN	V511	641 022	32x6x102,1	45 3	VV163 VV163.1		6x10,04x45 +0,03	G F
			EX	V512	641 325	29x6x92,2	45 3	VV163 VV163.1		6x10,04x45 +0,03	G F
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				

	CYL. Ø 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. 3116 6.6 D 403 CID 6600ccm ENG. 3126 7.2 D 442 CID 7200ccm	6	IN	V1627	1457390	40x8x183,1	60	1				
		EX	V1628	1478211	43x9,5x199,1	45	2				
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
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

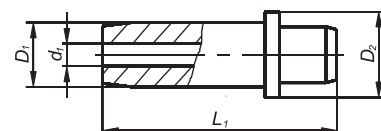
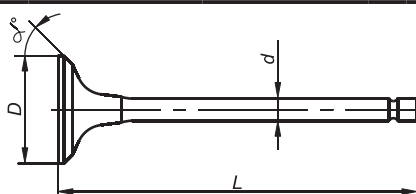
	CYL. Ø N _º	IN EX										
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CATERPILLAR												
ENG. 3406 S-No. 92U1 14600ccm ENG. 3408 S-No. 28V1 18000ccm 206/265kw(280/360PS) Eng. 3412 Serial 60M1-38S1	84→	137,16 6	IN	V495	2W 2622	45x9,5x181,4	60	2	VV44	4N2803	9,5x17,5x82,6	G A G A
		EX	V496	1W 3860	41,8x9,5x181,4	45	2	VV44		4N2803	9,5x17,5x82,6	
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				
		8	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. D7 S-No. 17A ENG. D8 S-No. 13A/14A/15A ENG. D342 ENG. D364 ENG. D375 ENG. D386 ENG. D397	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				
D 379 B D 398 B D 399 K		158,75 V8 V12	IN	V497	1W 8606	63,6x9,5x238,6	60	2				
		EX	V498	1W 1822	59,7x9,5x238,6	60	2					
CHEVROLET – DAEWOO												
Spark 1.0 Eng. B10D1 995ccm NEW	10→	68 4	IN	V2039	96463002	25,9x5x99,2	45	1				
		EX	V2040	96463003	23,5x5x100	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	
CHEVROLET – DAEWOO												
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
Nexia 1.5 Eng. G15MF SOHC 1498ccm 58kw(79PS)	96→	76,5 4	IN EX	V1855 V1856	90215492 96098751	38x7x101,7 31x7x101,7	45 45	1 1	VV171 VV171	96350913 96350913	7x11,04x47,5 7x11,04x47,5	G A1 G A1
Le Mans 1.6i Racer 1.6i Eng. 16LZ 1598ccm 55kw(75PS)	89→ 89→	79 4										

	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 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												
Lanos 1.4/1.5 Eng. A13DM/A15DM 1349/1498ccm 55/63kw(75/86PS)	97→	76,5 4	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 Nexia 1.5 16V Eng. A15 MF DOHC 1498ccm 66kw(72PS)	94→ 95→	76,5 4	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→	77,9 4	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→	77,9 4	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→ 98→ 05→ 98→ 00→ 05→	79 4	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
Leganza 2.0 16V Nubira 2.0 16V Eng. X20 SED DOHC 1998ccm 100kw(136PS)	97→ 99→00	86 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	
CHEVROLET – DAEWOO												
Cruze 1.6i 16V Aveo 1.6i 16V Trax 1.6i 16V Eng. F16D4-LDE 1598ccm	09→	79	IN	V1429	55557862	31,2x5x117,2	45	3	VV223	9158589	5x10,04x39	G
	11→	4							VV223.1		+0,03	F
	12→								VV390	642014	5x10,04x37	G
									VV390.1	642015	+0,21	F
Cruze 1.8 16V Cruze 1.8 16V Trax 1.8 16V Eng. F18D4 1796ccm			EX	V1430	55558728	27,5x5x116,2	45	3	VV223	9158589	5x10,04x39	G
									VV223.1		+0,03	F
									VV390	642014	5x10,04x37	G
									VV390.1	642015	+0,21	F
Cruze 1.8 16V Cruze 1.8 16V Trax 1.8 16V Eng. F18D4 1796ccm		82	IN	V1611	55557741	31,2x5x113,9	45	3	VV390	642014	5x10,04x37	G
		4							VV390N		+0,05	F
									VV390.1	642015	+0,21	
			EX	V1612	71744388	27,5x5x113,2	45	3	VV390	642014	5x10,04x37	G
Espero 1.8 Eng. C18 LE 1796ccm	95→	84,8	IN	V641	90220119	41,8x7x103,8	45	1	VV119	90108699	7x11,03x45,5	G
		4							VV119N		+0,05	A1
			EX	V642	90323757	36,5x7x103,6	45	1	VV119	90108699	7x11,03x45,5	G
									VV119N		+0,05	A1
Espero 2.0 Eng. C20 LE/NE 1998ccm	95→	86										
		4										
Nubira 2.0 1998ccm	01→											
Tacuma 1.8 SX Eng. F18N 1761ccm	00→	84,8	IN	V1875	96230591	38x6x101,3	45	3	VV163	90502079	6x10,04x45	G
		4							VV163.1		+0,03	F
			EX	V1876	96230595	31,4x6x101,1	45	3	VV163	90502079	6x10,04x45	G
									VV163.1		+0,03	F
Leganca 1.8i 16V Nubira 1.8i 16V 1796ccm	99→	86	IN	V511	90412277	32x6x102,1	45	3	VV163	90502079	6x10,04x45	G
	99→	4							VV163.1		+0,03	F
			EX	V512	90410813	29x6x92,2	45	3	VV163	90502079	6x10,04x45	G
									VV163.1		+0,03	F

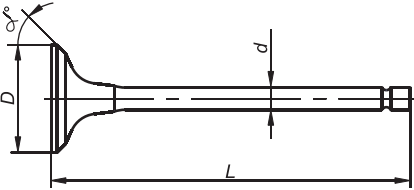
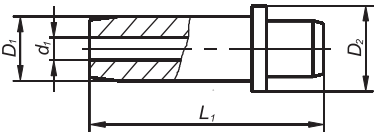
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CHEVROLET – DAEWOO											
Evanda 2.0i 16V Nubira 2.0 16V Leganca 2.0 16V Tacuma 2.0 16V Rezzo 2.0 16V Epica 2.0i 16V Eng. X20SED/C20SED DOHC 1998ccm 81/100kw(110/136PS)	02→ 98→ 97→ 00→ 00→ 05→	86 4	IN	V511	90412277	32x6x102,1	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→		EX	V512	90410813	29x6x92,2	45 3	VV163 VV163.1	90502079	6x10,04x45 +0,03	G F
Astra G 2.2i 16V Eng. Z 22 SE 2198ccm 108kw(147PS)	02→	86 4	IN	V1069	641 063 641 056	35,1x6x102,3	45 3	VV461 VV461N	9006082	6x10,04x36 +0,05	G A
			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
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 +0,03 +0,23	G F3
			IN	V1873		22,45x6x109,2	45 3	VV391.1 VV391.2			
			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
NEW											

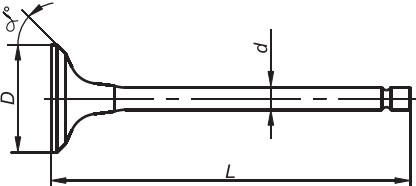
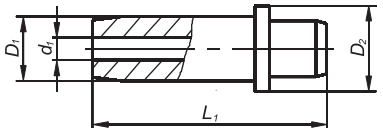


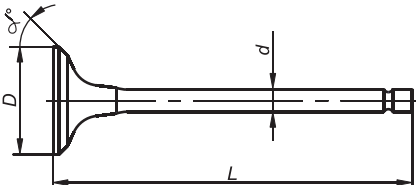
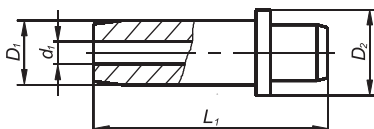
CHEVROLET – DAEWOO DIESEL

CHRYSLER

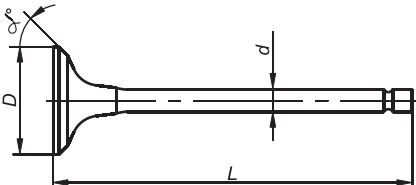
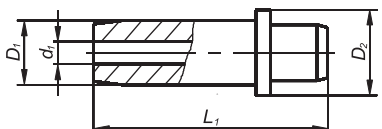
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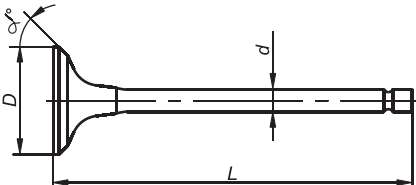
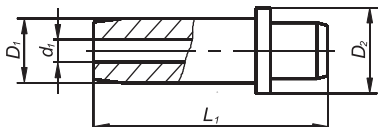
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CHRYSLER											
Neon 1.6i 16V Eng. R50 1598 ccm	01→	77 4	IN	V1705 11347485585 11347513023 04777770AB	30,3x6x109,5	45	3	VV526 VV526N		6x11,06x42 +0,05	G A
Neon II 1.6 16V PT Cruiser 1.6i 16V Eng. EJD 1598 ccm	01-03 00→		EX	V1706 11347829943 11347513024 04777772AB/AC	23,3x6x118,3	45	3	VV526 VV526N		6x11,06x42 +0,05	G A
PT Cruiser 1.6i 16V Eng. R50 1598 ccm	04→	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 2497 ccm	95→	83,5	IN	V1195 MD 301193	33x6x112,5	45	1	VV412 VV412N		6x11,12x45,5 +0,05	G P
		6	EX	V1196 MD 306183	29x6x114	45	1	VV450 VV450N		6x11,12x50,5 +0,05	G P6
PT Cruizer 2.0 16V Sebring Cabrio 2.0 16V Eng. ECC 1995 ccm	00→ 02→	87,5 4	IN	V1233 0466 7969 AB	34,8x6x111,6	45	3	VV493 VV493N	4667411	6x11,07x44 +0,05	G A
PT Cruizer 2.4 16V Voyager 2.4 16V Eng. EDV, EDZ 2429 ccm	00→ 00→		EX	V1234 0477 7898 AA	28,5x6x109,8	45	3	VV493 VV493N	4667411	6x11,07x44 +0,05	G A
300M 2.7 2736 ccm		V6	IN EX EX	V1847 04663899 V1860 04663347 V1848 04663902	33,9x6x108,2 29x7x126 27,7x6x106,2	45 45 45	3 3 3				
Sebring 2.7 V6 24V 2736 ccm	03→	V6 4	IN EX	V1847 04663899 V1848 04663902	33,9x6x108,2 27,7x6x106,2	45 45	3 3				
Voyager Grand 3.3 V6 3301 ccm	03→	V6	IN EX	V1959 04781025AA V1960 04781029AB	48x7x126,3 35,5x7x127,6	45 45	4 4				

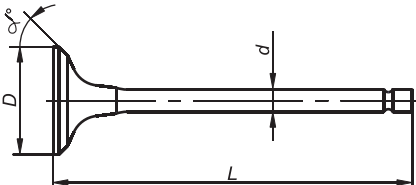
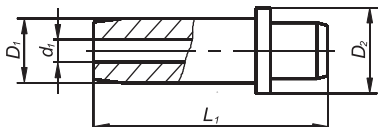
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CHRYSLER											
Jeep CJ-7 2.0 Eng. J5R 800 1995 ccm 62kw(85PS)	83-86	88 4	IN EX EX	V1943 V1920 V1944		43,9x8x112 37x8x111,3 38,6x8x111,4	60 1 45 1 45 1				
Wrangler 2.0 Eng. J6R 711 1995 ccm 76/81kw(103/110PS)	90→										
Crosfire 3.2 18V Eng. M112.955 3199 ccm 158kw(215PS)	03→	89,9 6	IN EX	V1551 V1552	113 053 0101 113 050 0227	36x7x119,4 41x7x122,3	45 1 45 1	VV346 VV346.1 VV346.2 VV346 VV346.1 VV346.2	 113 053 0329 113 053 0429 113 053 0329 113 053 0429	7x12,56x50 +0,20 +0,60 7x12,56x50 +0,20 +0,60	G F G F
CHRYSLER DIESEL											
Sebring 2.0 CRD 16V Eng. ECD 1968 ccm	07→	81 4	IN EX	V1607 V1608	68001582AA 68001583AA	29,2x6x87,8 25,4x6x87,5	45 3 45 3	VV272 VV272N VV272.1 VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15 6x10,07x42 +0,05 +0,15	B F B F
Chrys.300 3.0CRD 24V Eng. OM642 2987 ccm	06→	83 V6	IN EX	V1743 V1744	5175396AA 5175397AA	28,5x6x102,3 25,4x6x102,3	45 3 45 3	VV398 VV398N VV398 VV398N		6x11,57x34,4 +0,03 6x11,57x34,4 +0,03	G F G F
PT Cruiser 2.2CRDi 16V Eng. OM664 2151 ccm	02→	88 4	IN EX	V1055 V1056	05073735AA 05073738AA 05073737AA	30,1x7x104 28,4x7x104,4	45 1 45 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

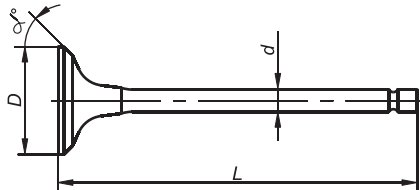
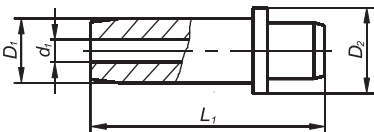
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CHRYSLER DIESEL											
Cherokee 2.1 TD Eng. J8S 814. 890 2068 ccm Jeep CJ-7 2.1 D Eng. J8S 814. 890 2068 ccm Comanche 2.1 TD Vagoneer 2.1 TD XJ 2.1 TD Eng. J8S 800. 814 2068 ccm	84-95 64kw(87PS) 85→ 64kw(87PS) 88-98 88-94 84-87	86 4 EX	IN V863 V864	7701 462 232 7701 461 339	40,2x8x111,6 33,3x8x111,6	45 45	1 1	VV145 VV145N VV145 VV145N	 		

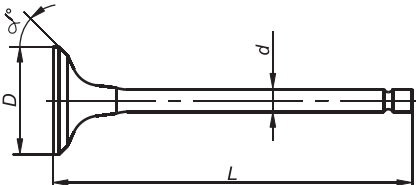
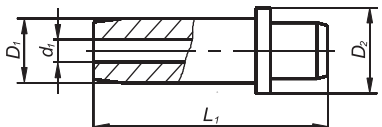
NEW

	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	
CITROEN												
Audace , Escape 0.9 Eng. TU 9M 854ccm 37kw(50PS)	93→	70 4	IN	V1093	97531079	34,7x7x112,8	60	1	VV243 VV243.1 VV243.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20	G F F
AX 10E 1.0 Eng. TU 9M	93→		EX	V1094	97531046	27,7x7x112,6	45	1	VV243 VV243.1 VV243.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20	G F F
Saxo 1.0X Eng. TU 9M/Z	96→											
C15 1.0 Eng. C1A, TU9A 954ccm 33/37kw(45/50PS)	88→											
LNA 4 CV 1.0 Eng. 108C 954ccm 33kw(45PS)	84→	70 4	IN	V969	95551307 95563504	36,8x8x113,4	60	1				
C 15 E 1.1 Eng. A-XY6C	84→		EX	V970	95551308	29,3x8x113,6	45	1				
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 37/42kw(50/57PS)	84→ 84→ 83→ 78→	72 4										
Visa Super X 1.2 Eng. XZ7R 1219ccm	81→											
BX 14 E/TRE C 15 E	80→ 86→	75 4										
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

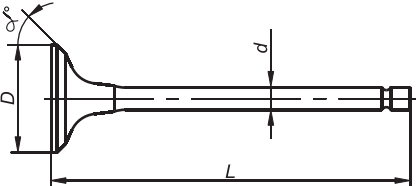
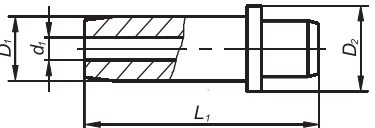
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CITROEN												
C15 1.1	88→	72	IN	V694	97533266	36,7x7x112,8	60	1	VV243	0220.59	7x13,07x47,5	G
AX 11 RE/TRE 1.1	86→	4			97531080				VV243.1	0220.60	+0,05	F
BX11 1.1	88→								VV243.2	9456 001 145	+0,20	
Eng. TU1												
AX First Club, Caban 1.1	93→	72	EX	V632	97533264	29,3x7x112,6	45	1	VV243	0220.59	7x13,07x47,5	G
AX Tonic, Image Thalassan, Tilt	93→	4			97531044				VV243.1	0220.60	+0,05	F
ZX Reflex 1.1	93-97								VV243.2	9456 001 145	+0,20	
Saxo 1.1i X/SX	96→											
Expert, Berlingo 1.1i	96→											
Eng. TU1M, TU1K, TU1MZ												
1124ccm	40/44kw(54/60PS)											
C2 1.1i	03→											
C3 1.1i	02→											
Berlingo 1.1i	00→											
Saxo 1.1i	00→											
Eng. TU1JP												
1124ccm	44kw(60PS)											
AX 1.4 TRS/TZS/TZX/Allure	86→	75										
AX 1.4 GT	87→	4										
Eng. TU3, TU3S												
1361ccm	48/63kw(65/85PS)											
AX 1.4 XT	91→											
BX 1.4	89→	75										
ZX Reflex, Avantage, Aura	91-97	4										
Eng. TU3MZ, TU3 2K												
AX 1.4 GTS 4x4 Turbo	93→											
ZX Tilt 1.4i, Z X Break-Tilt 1.4i	93-97											
Eng. TU3 FMC												
C2 1.4i	03→											
C3 1.4i	02→											
ZX 1.4i	96→											
Saxo 1.4i SX, VSX	96→											
Xsara 1.4i X/SX												
Limousine/Break	96→											
Berlingo 1.4i	96→											
Eng. TU 3JP												
1361ccm	55kw(75PS)											
AX 1.4 GT (Niv.5)	93→											
Eng. TUF J2												
1361ccm	70kw(95PS)											
AX 1.4i	90-96											
C15 1.4i	92-96											
Eng. TU3FM-KDY												
1361ccm	55/58kw(75/79PS)											

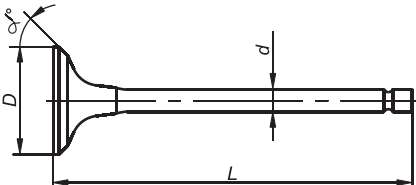
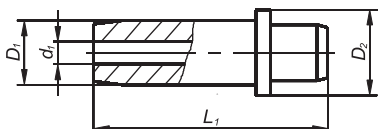
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE				
1	2	3		4	5	6	7	8		9	10	11	12				
CITROEN																	
Jumpy 1.6 Eng. 220 A2.000 – Fiat 1581ccm 58kw(79PS)	95→	74 4	IN	V735	7 617 500	39,5x8x108,5	45	1	VV69	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 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											
C2 1.1i C3 1.1i Saxo, Berlingo 1.1i Eng. TU1JP-HFX 1124ccm 44kw(60PS) C2 1.4i C3 1.4i Eng. TU3JP 1361ccm 44kw(60PS)	03→ 02→ 00→	72 4	IN	V633	96278356	36,7x7x112,8	45	1	VV243	0220.59	7x13,07x47,5	G					
				VV243.1	0220.60	+0,05	F										
				VV243.2	9456 011 145	+0,20											
				EX		V632	97531044 97533264	29,3x7x112,6	45	1	VV243	0220.59	7x13,07x47,5	G			
						VV243.1	0220.60	+0,05	F								
		VV243.2				9456 011 145	+0,20										
		AX Sport Eng. TU 24 1294ccm 69kw(94PS)				86→	75 4	IN	V2171	95638476	39,3x8x111,8	45	3	VV242	0220.72	8x13,07x45	B
									VV242.1	+0,05	F						
				VV242.2	0221.17				+0,20								
				EX					V2172	95638477	31,2x8x111,6	45	3	VV242	0220.72	8x13,07x45	B
VV242.1	+0,05		F														
VV242.2	0221.17		+0,20														
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		5,5x10,58x38	B
									VV384N	+0,03	A						
				EX					V1252	0949.C4	24,3x5,5x101,1	45	3	VV384		5,5x10,58x38	B
			VV384N						+0,03	A							
		AX, XSi Allure 1.4 Berlingo 1.4 Eng. TU3F-J2K 1361ccm 69kw(94PS) Saxo 1.6i ZX 1.6i Xsara 1.6i Picasso Eng. TU5JP→Nº 7609 1587ccm 66kw(90PS)	91→ 99→ 96→ 96→			75 4		IN	V1163	96183535 96101886 96096851	39,5x7x111,7	60	3	VV243	0220.59	7x13,07x47,5	G
				VV243.1	0220.60				+0,05	F							
VV243.2	9456 001 145			+0,20													
EX				V1164	96101887 96096852		31,3x7x111,5		45	3	VV243	0220.59	7x13,07x47,5	G			
				VV243.1	0220.60		+0,05		F								
				VV243.2	9456 001 145	+0,20											

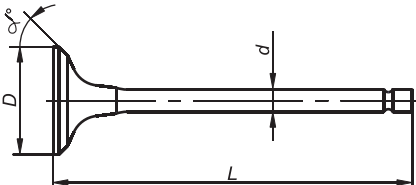
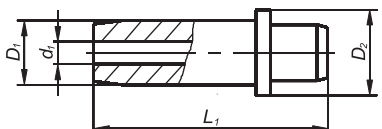
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CITROEN												
C3 Picasso 1.4i 16V C3 II 1.4i 16V C4 II 1.4 Vti 95 DS3 1.4i 16V Eng. EP3C 18 FP.EP3 1397ccm 70kw(95PS)	08→ 09→ 09→	77 4	IN EX	V1701 V1702	753388480 753388580	30x5x97 25,1x5x110,8	45 45	3 3	VV519 VV519N VV520 VV520N	 5x9,03x41 +0,05 5x9,03x44,5 +0,05	B A B A	
C3 1.6i 16V C4 1.6i 16V DS3 1.6i 16V DS4 1.6i 16V Eng. 5FS EP6C 1598ccm NEW	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 EX	V1673 V1674	753450880 754718780	28,8x5x105,7 26x5x110,1	45 45	3 3	VV519 VV519N VV520 VV520N	 5x9,03x41 +0,05 5x9,03x44,5 +0,05	B A B A	
DS4/DS5 Eng. 5FU(EP6DTX) 1598ccm NEW	11→	77 4	IN EX	V2031 V1674	0948.G4 0949.E2	29,7x5x95,1 26x5x110,1	45 45	3 3	VV519 VV519N VV520 VV520N	 5x9,03x41 +0,05 5x9,03x44,5 +0,05	B A B A	
Saxo VTS 1.6 16V Eng. TU5J4 1587ccm 72/87kw(98/118PS)	99→	78,5 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	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→	78,5 4	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

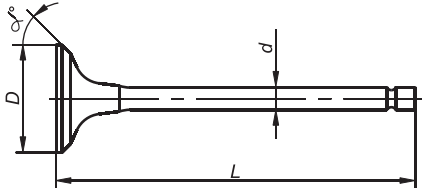
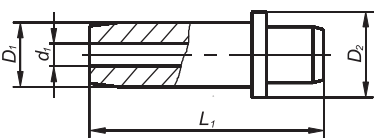
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CITROEN												
C2 1.6 16V C3 1.6 16V C4 1.6 16V Berlingo 1.6 16V Saxo 1.6 16V Xsara Coupe 1.6 16V Eng. TU5JP4 NFU DOHC 1587ccm	02→ 02→ 03→ 01→ 96→ 01→ 81kw(110PS)	78,5 4	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	91→ 84→ 92→ 91-94 84→ 44/77kw(60/105PS)	83 4	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	01→ 01→ 85kw(116PS)	82,7 4	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
BX 19 TRI 1.9 Eng. 159A (XU9S) 1905ccm	84-86 77kw(105PS)	83 4	IN EX	V935 V936	91518971 91518972	39,5x8x105,2 33x8x105,2	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
BX 16 RS/TRS 1.6 Eng. XU5 1580ccm	88→ 67/69kw(91/94PS)	83 4	IN EX	V723 V724	91535017 91537468 91535019 91537470	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
BX 19 TRS/TRI 1.9i Eng. D2A (XU9-2C) BX 4x4 Break 1.9i Eng. XU9C/XU9M 1905ccm	87→ 88→ 77/79kw(105/107PS)											

	CYL. Ø 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											
Visa GTi 8CV 1.6i 84→ Eng. XU5M, BGD ZX Aura 1.6i 91-97 Eng. XU5M/4Z 1580ccm 65/85kw(89/115PS) BX 1.9i 88-93 ZX Volcano 1.9i 91-97 Eng. XU9JA/Z 1905ccm 90kw(89/122PS) ZX Break/Avantage 1.6i/1.8i 93-97 Xantia SX 1.6i/1.8i 96→ Eng. XU5JP, XU7JP, XU7JB 1580/1761ccm 66/76kw(90/103PS) Berlingo Familiare 1.8i 96→ Xsara 1.8i 97→ Evasion 1.8i 95→ Eng. XU7JB, XU7JP 1762ccm 73/74kw(99/101PS) Berlingo Familiar 1.8i 96→ Eng. XU7JB, LFX 1761ccm 66kw(99/90PS) ZX 1.9i 16V 93→ Eng. DFY 1905ccm 88/90kw(120/122PS)	83 4	IN EX	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
			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 86→ Eng. D2C (XU9-J2) 1905ccm 75/92kw(102/125PS)	83 4	IN EX	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
			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 86→ Eng. D6A(XU9J4) 1905ccm 118kw(160PS)	83 4	IN EX	V1273*	91540748 * Retainer s.e. 4 mm	34,6x7x106,4	45	3	VV413 VV413.1	0220.73	7x12,08x40 +0,03	B F3
			V1274*	91540782 * Retainer s.e. 4 mm	29,6x7x105,8	45	3	VV244 VV244.1	0221.19	7x12,08x40 +0,03	B 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 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											
Xantia X 1.8i 16V 95→	83	IN	V909*	96172597	34,6x7x106,4	45	3	VV244	0221.19	7x12,08x40	B
Xsara VTS 1.8i 16V 97→	4		* Retainer	s.e. 2,2 mm				VV244.1		+0,05	F
Xsara Picasso 1.8i 16V 99→											
ZX 1.8i 16V 96→		EX	V910*	96172795	29,6x7x105,7	45	3	VV244	0221.19	7x12,08x40	B
Eng. XU7JP4, LFY DOHC 1761ccm 66/81kw(80/110PS)			* Retainer	s.e. 2,2 mm				VV244.1		+0,05	F
BX19 1.9 16V 88→											
Eng. D6C/XU9J4 DOHC 1905ccm 116kw(158PS)											
Xantia SX 2.0i 16V 95→	86										
Eng. XU10J4R DOHC 1998ccm 97kw(132PS)	4										
Xsara 2.0i 16V 93→											
ZX 2.0i 16V 93→											
Xantia VSX 2.0i 16V 95→											
XM SX/SX Break 2.0i 16V 98→											
Evasion 2.0i 16V Eng. XU10J4R DOHC 1998ccm 99/110kw(135/150PS)											
ZX 1.8i 16V 97→	83	IN	V1183	96289433	34,6x6x106,3	45	1	VV317	0221.25	6x12,06x40,8	B
Xantia VTS 1.8i 16V 97→	4							VV317.1		+0,05	F
Xsara, Wagon 1.8i 16V 97→											
Xsara, Picasso 1.8i 16V 99→		EX	V1184	96298611	29,6x6x105,7	45	1	VV318	0221.24	6x12,06x40,8	G
Eng. XU7JP4, LFY DOHC 1761ccm 66/85kw(90/116PS)								VV318.1		+0,05	F
ZX 2.0i 16V 96→	86	IN	V1183	96289433	34,6x6x106,3	45	1	VV317	0221.25	6x12,06x40,8	B
Eng. XU10J4, RET DOHC 1998ccm 120kw(163PS)	4							VV317.1		+0,05	F
Evasion 2.0i 16V 97→		EX	V1184	96298611	29,6x6x105,7	45	1	VV318	0221.24	6x12,06x40,8	G
Xantia SX/Combi 2.0i 16V 95→								VV318.1		+0,05	F
Xsara 2.0i 16V 98→											
XM 2.0i 16V 94→											
Eng. XU10J4R DOHC 1998ccm 97/100kw(132/136PS)											

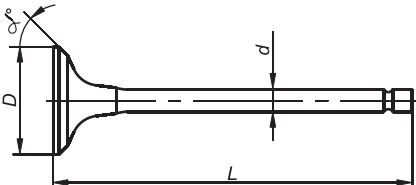
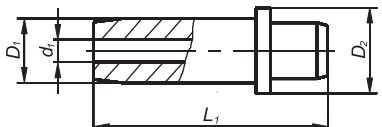
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CITROEN												
C25 1.8 Eng. XM7T 1796ccm 51kw(69PS)	81→ 81→ 74→	84 4 88 4	IN EX	V593 V594	91510548 91520847	42,6x8x118,6 35,5x8x112,2	60 45	1 1				
C25 1300 2.0 C32 2.0 Eng. XN1T/XN1 1971ccm 57kw(77PS)	81→ 74→ 81→ 74→	88 4 88 4	 EX	 V1092	 96360017 0949.99	 28,9x6x103,6	 45	 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 85 4	IN EX	V1091 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
C5 2.0 HPI 16V Eng. EW10D DOHC Mpi, RLZ 1997 ccm 103kw(1140PS)	02→	85 4	IN EX	V1315 V1316	0948.A7 0949.A7	32,4x6x105 29,2x6x102,6	45 45	1 1	VV339 VV339N VV340 VV340N	02130.12 02130.13	6x12,07x40 +0,05 6x12,07x40 +0,05	B F G F
ZX 2.0i 16V Xsara VTS 2.0i 16V Eng. XU10J4RS, RFS 1998ccm 120kw(163PS)	96→ 97→	86 4	IN EX	V933 V934	96246139 0948.82 96203976 0949.87	34,1x6x106,4 30,7x6x105,3	45 45	1 1	VV449 VV449.1 VV449 VV449.1	 	6x12,07x40,8 +0,05 6x12,07x40,8 +0,05	B F B F
XM Ambiance, Harmonie 2.0i ZX Volcano 2.0i Xantia 2.0i Jumper 27C/31C Combi 2.0i Eng. XU102C/J2, RFX 1998ccm 79/89kw(107/121PS)	89→ 93→ 93→ 94→	86 4 86 4	IN EX	V997 V998	96059361 96060701 96147032 96060704 96147032	42,6x8x108,8 34,5x8x108,4	45 45	3 3	VV239 VV239.1 VV239.2 VV240 VV240.1 VV240.2	0220.85 0221.21	8x13,08x43,6 +0,05 +0,20 8x13,08x50,6 +0,05 +0,20	B F B F
Evasion V,VSX 2.0i Turbo Xantia 2.0i Turbo XM 2.0i Turbo Eng. XU10J2TE, RGX Turbo 1988ccm 108kw(147PS)	94→ 95→ 94→											

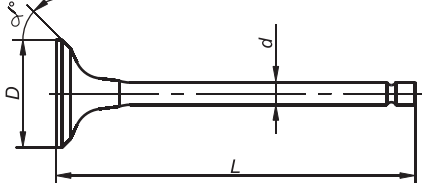
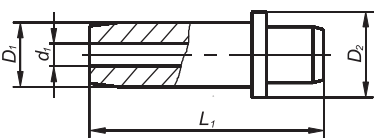
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CITROEN												
C8 2.2 16V Eng. EW12J4/3FZ 2179ccm 98/116kw(133/158PS)	02→	86 4	IN	V1455	0948.A1	35x6x106	45	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 C8 V6 3.0 24V Eng. ES9J4S/XFX 2946ccm 150/152kw(204/207PS)	01→	87	IN	V1247	96304413	35x6x108,4	45	1	VV201 VV201.1	0220.95	6x11,08x40 +0,05	B F
	02→	V6	EX	V1248	96401813 0949.A5	30,5x6x106,9	45	1	VV201 VV201.1	0220.95	6x11,08x40 +0,05	B F
CX 2000 CX 2.0 CX 2.2 Eng. 825A5/J6TA 500 1995/2165ccm 75-78/83-85kw(102-106/113-115PS)	79-82	88	IN	V1943	094836	43,9x8x112	60	1				
	82-92	4			95 536 524							
	85-92		EX	V1920	094932	37x8x111,3	45	1				
			EX	V1944	95 536 523	38,6x8x111,4	45	1				
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→	73,7	IN	V1205	0948.C2	32,8x5,5x97,3	45	3	VV399 VV399N		5,5x9,56x34 +0,05	G A
	03→	4										
	02→		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→	75	IN	V809	95638449	35,5x7x108,4	45	1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F
	92→	4		V809N3	96012815	+1,0S						
			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

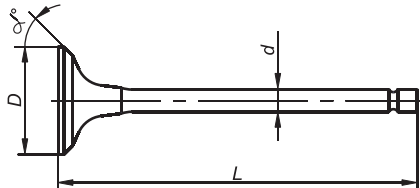
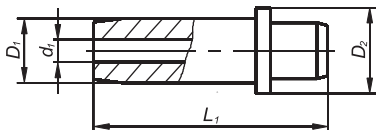
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN DIESEL											
C2 1.6 HDi 16V C3 1.6 HDi 16V C4 1.6 HDi 16V C5 1.6 HDi 16V Xsara Picasso 1.6 HDi 16V Berlingo 1.6 HDi 16V Eng. DV6TED4, 9HZ/9HY 1560ccm 66/80kw(90/109PS)	05→ 05→ 04→ 04→ 04→ 05→	75 4 	IN EX	V1493 V1494	96450247 0948.C7 96408400 0948.C3	25,6x5,5x96,4 23,4x5,5x96,6	45 3 45 3	VV399 VV399N VV399 VV399N	 	5,5x9,56x34 +0,05 5,5x9,56x34 +0,05	G A 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 NEW	11→ 11→ 10→	75 4 	IN EX	V2049 V2050	0948.F7 0949.F5	30,15x5,5x95,6 27,5x5,5x95,5	45 3 45 3	VV399 VV399N VV399 VV399N	 	5,5x9,56x34 +0,05 5,5x9,56x34 +0,05	G A G A
AX 15 DX, SX, VSX 1.5D Eng. TU D5, VJY 1527ccm 43kw(58PS)	94→	77 4	IN	V1089 V1089N1	96150145 96033454 +0,5S	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 +0,5S	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 EX	V709 V709N1 V709N3 V722 V722N1 V722N3	93501279 93501070 93510774 96137360	38x8x112,4 +0,5S +1,0S 33x8x111,9 +0,5S +1,0S	60 1 45 1	VV148 VV148.1 VV148.2 VV148 VV148.1 VV148.2	0220.55 0220.55	8x14,06x50 +0,03 +0,18 8x14,06x50 +0,03 +0,18	B A B A
BX 19 D/RD/TRD 1.9D Eng. 162(XUD9) 1905ccm 48kw(65PS)	83→	83 4	EX	V710 V710N1 V710N3	93510773 93501280 +0,5S +1,0S	33x8x111,9 +0,5S +1,0S	45 1	VV148 VV148.1 VV148.2	0220.55	8x14,06x50 +0,03 +0,18	B A

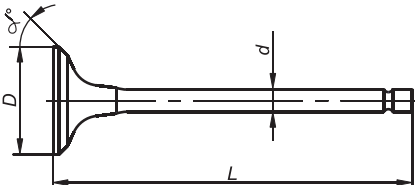
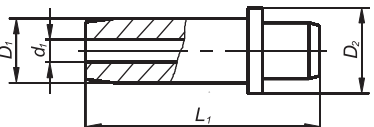
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CITROEN DIESEL												
BX, Evasion 1.8D C15 1.8D Visa RD/Leader 1.8D Xsara 1.8D ZX Break 1.8 D Berlingo 1.8 D Eng. XUD7/161A 1769ccm 44/66kw(60/90PS)	86→ 86→ 86→ 97→ 93→97 96→	80 4	IN EX EX	V721 V721N1 V721N3 V722 V722N1 V722N3 V710 V710N1 V710N3	93510415 93510365 93510774 96137360 93510773 93501280	38,5x8x112,4 +0,5S +1,0S 33x8x111,9 +0,5S +1,0S 33x8x111,9 +0,5S +1,0S	45 45 45 45	1 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
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) C25 1.9D Dispatch 1.9 D Berlingo 1.9 D Relay 1.9 D Jumper 27D/31D 1.9D Xantia 1.9 S/Sx BX 1.9 D/RD/TD Eng. XUD9A, B.L.Y, D9B 1905ccm 51kw(71PS) BX 2.1 D/RD/TRD Eng. 162/XUD9) 2088ccm 81kw(110PS)	93→97 94→ 97→ 93→ 88→ 96→ 96→ 92→ 94→ 93→ 83→ 86→	83 4	IN EX EX	V721 V721N1 V721N3 V722 V722N1 V722N3 V710 V710N1 V710N3	93510415 93510365 +0,5S +1,0S 93510774 96137360 +0,5S +1,0S 93510773 93501280 +0,5S +1,0S	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

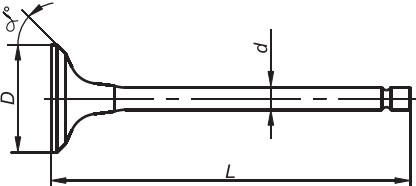
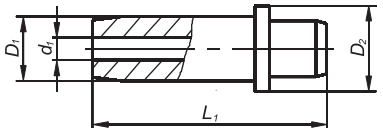
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN DIESEL											
BX DTR 1.8 TD 88→	80	IN	V721A	96 005 391	38,5x8x112,4	45	1	VV187		8x14,06x48	B
C15 1.8 TD 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 93 501 280	33x8x111,9	45	1	VV187 VV187.1		8x14,06x48 +0,05	B F
ZX Avantage, 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, Confort 1.9 TD 93→		EX	V722	93 510 774 96 137 360	33x8x111,9	45	1	VV187 VV187.1		8x14,06x48 +0,05	B 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)											
C25 1.9 TD 92→	82,6	IN	V707	7 547 158	37,5x8x116,5	45	1	VV69	4 250 803	8x14,06x46,5	G
Eng. 280 A1.000 – Fiat	4							VV69.1	4 372 160	+0,03	F
1929ccm 60kw(82PS)								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 99→	85	IN	V1085	96247742	35,6x6x107,1	45	3	VV378	0220.A2	6x10,06x41,5	G
C5 2.0 HDi 01→	4			0948.95				VV378.1		+0,05	A
Evasion 2.0 HDi 99→								VV266	0220.A1	6x12,07x42,5	G
Jumpy 2.0 HDi 99→								VV266.1		+0,05	F
Jumper 2.0 HDi 98→											
Xantia 2.0 HDi 98→		EX	V1086	96247745	33,8x6x107,1	45	3	VV378	0220.A2	6x10,06x41,5	G
Xsara 2.0 HDi 99→				0949.96				VV378.1		+0,05	A
Xsara Picasso 2.0 HDi 99→								VV266	0220.A1	6x12,07x42,5	G
Eng. DW10TD/DW10ATED/RHY/RHZ								VV266.1		+0,05	F
C8 2.0 HDi 16V 02→											
Jumpy 2.0 HDi 16V 99→											
Eng. DW10ATED4 1997ccm 66–82kw(90–112PS)											

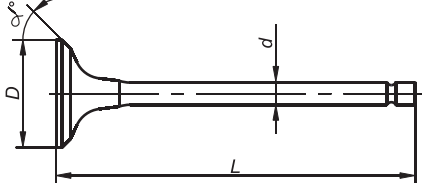
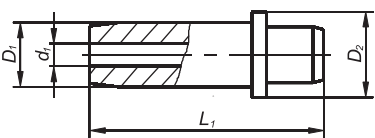
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CITROEN DIESEL												
XM D12 2.1 TD 12V Ambiance, Harmonie Eng. XUD11ATE, P8A/PHZ Turbo	94→ 89→	85 4	IN	V1095	96007817 96008334	33,9x8x122,3	45 3	VV245 VV245.1	94560290	8x13,08x54,5 +0,20	B F	
Xantia, XM, Evasion 2.1 TD 12V Eng. XUD11BTE, P8C Turbo 2088ccm 81kw(110PS)	95→		EX	V1096	96079213 96042957 96109183	33,9x8x121,9	45 3	VV245 VV245.1	94560290	8x13,08x54,5 +0,20	B F	
XM D12 2.1 12V Eng. XUD11A, P9A 2138ccm 61kw(83PS)	89→	86 4										
C4 2.0 HDI 16V C5 2.2 HDI 16V Eng. DW10BTED4/RHR 1997 ccm 100kw(136PS)	04→ 04→	85 4	IN	V1179	96271843 0948.A3	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	96344375 0949.A3	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	
C5 2.2 HDI 16V C8 2.2 HDI 16V Jumpi 2.2 HDi 16V Eng. DW12TED4 4HW/4HX Turbo 2179 ccm 103kw(140PS)	01→ 02→ 07→	85 4	IN	V1179	96271843 0948.A3	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	96344375 0949.A3	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	
DS4 2.0 HDI 16V DS5 2.0 HDI 16V Eng. RHH(DW10CTED4)	11→	85 4	IN	V2051	0948.F6	27,25x6x104,5	45 3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A	
NEW			EX	V1180	0949.A3	25x6x105	45 3	VV378 VV378.1	0220.A2	6x10,06x41,5 +0,05	G A	
C5 2.2 HDI 16V C8 2.2 HDI 16V Eng. 4HT, DW12BTED4 Biturbo 2179 ccm 125kw(170PS)	08→ 05→	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	

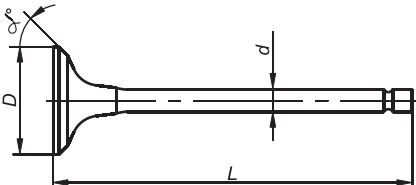
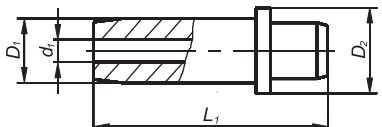
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CITROEN DIESEL											
C5 2.0 HDi 16V C8 2.0 HDi 16V Evasion 2.0 HDi 16V Jumpy 2.0 HDi 16V Berlingo Multispace 2.0 HDi 16V Xsantia, Xsara 2.0 HDi 16V Eng. DW10ATED4, RHW Euro 3 Turbo Common Rail 1998 ccm	01→ 02→ 01→ 01→ 01→ 99→	85 4	IN	V1313	96353179 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
Jumper 2.2 HDi Eng. 4HV (P22DTE) 2198 ccm	06→	86 4	IN	V1987	0948.E6	29,6x7x122,2	60 3	VV525 VV525N		7x12,06x51,5 +0,05	G A
NEW			EX	V1988	0949.E3	25,8x7x122	45 3	VV525 VV525N		7x12,06x51,5 +0,05	G A
C32, C35 2.2 D Eng. B22/615 C25, C35 2.2 D CX 2500 2.2 D Eng. M22/621 2175 ccm	73-79 75-78 75-78	90 4	IN	V1623	95569116 5478734	42x8x121,4	45 3				
			EX	V1624	95569117 5457479	35x9x121,4	45 3				
C35, C45 2.5 D Eng. B25/637 2499 ccm	80-90	93 4									
C25 2.5 D Eng. U25/651 CX 2.5 D Familiare, Prestige CX 25 RD/TRD 2.5 D CX25 2.5 D C35 2.5 D Eng. M25/660, 629 2499 ccm	81-94 78-85 78→ 82-92 78-90										
C25 2.5 TD Eng. CRD 93 LS Turbo CX2500 2.5 TD Eng. M25/648 2499 ccm	87-94 80-86										

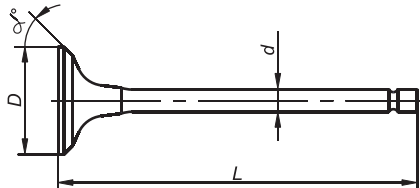
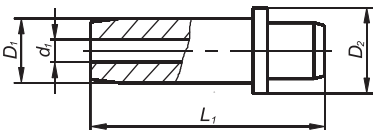
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
CITROEN DIESEL												
XM 2.5TD VSX, VSX Break 12V 95→ Jumper Combi Club 2.5 12V 95→ Eng. DK5-A E, THY Turbo	92 4	IN	V1121 V1121N1 V1121N3	96095457	36,9x7x127,9 +0,5S +1,0S	45	3	VV246 VV246N VV246.1	0220.93	7x13,06x54 +0,05 +0,20	B F	
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)		EX	V1122 V1122N1 V1122N3	96096146 96304239	36,9x7x127,5 +0,5S +1,0S	45	3	VV246 VV246N VV246.1	0220.93	7x13,06x54 +0,05 +0,20	B F	
Jumper 2.5 TDi 12V 97→ Relay 2.5 TDi 12V 97→ Eng. DJ5TED SOHC, T8A Turbo 2446 ccm 79kw(107PS)	92 4	IN	V955	96180328	41x7x115,7	45	3	VV291 VV291.1	0220.94	7x13,06x43,1 +0,05	B F	
		EX	V956	96267448	37,8x7x115,4	45	3	VV291 VV291.1	0220.94	7x13,06x43,1 +0,05	B F	
Jumper 31 2.8 D 01→ Sofim 2798ccm 63kw(86PS)	94,4 4	IN	V679 V679N3	0948.96	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	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	
Jumper 31 2.8 TD 01→ Sofim Jumper 33-35 2.8 HDi 00→ Eng. 8140.43S 00→ Eng. 8140.43N 04→ 2798ccm 94/107kw(128/146PS)	94,4 4	IN	V326 V326N3	7 301 820 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	99432837 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 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 3.0 HDi 07→ Eng. F1CE0481A 2998 ccm 116kw(158PS)	95,8 4	IN	V1697	504072531	32,4x6x119,9	60	3	VV335 VV335.1 VV335.2	504053804	6x10,04x49 +0,03 +0,23	G A
		EX	V1698	504081062	32,4x6x119,9	60	3	VV335 VV335.1 VV335.2	504053804	6x10,04x49 +0,03 +0,23	G A
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 84→ A225 – C225 – C250		IN	V891	3033234 3801357	42,5x9,5x176,4	60	1				
		EX	V892	3818520 3803995	42,5x9,5x176,4	60	1				
2.8 NEW		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				
		EX	V1934	3902254 3921444 3802085	46x9,5x150,9	45	1				

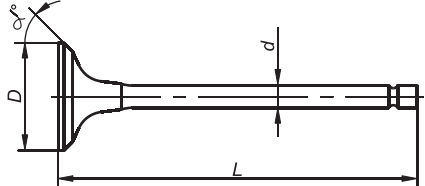
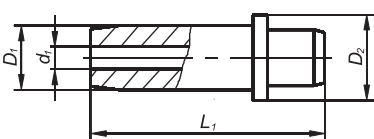
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
CUMMINS											
ENG. NH230 , 230B , 250 ENG. NH250 B/C/P ENG. NHC250 ENG. NHD230 ENG. NHE220 , 225, 225B E NG. NHF 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
			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/VT A 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				
		EX	V1878	3942589 3800341	38x8x137,9	45	1				
Eng. 5.9ISB TD 24V 5900ccm	6	IN	V1881	3940735	33x7x124,6	60	1				
		EX	V1882	3940734	33x7x124,3	45	1				
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

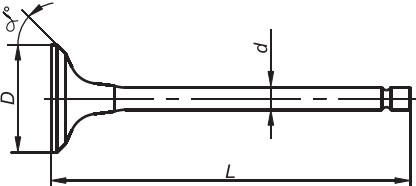
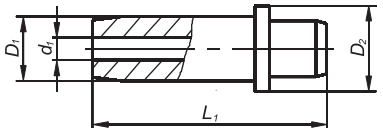
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
DACIA											
Sandero 1.2i 16V Eng. D4F – Renault 1149ccm 08→ 55kw(75PS)	69 4	IN	V1165	7701 472 986	26x5,5x110,7	45	3	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,03x40,6 +0,05 +0,20	B A
		EX	V1166	7701 473 004	22x5,5x112,5	45	3	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,03x40,6 +0,05 +0,20	B A
Dacia 1310 Sedan Eng. 810–02/99 1289ccm 83→ 40kw(54PS)	73 4	IN	V581	7701 458 180	33,5x7x89,8	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	29x7x88,9	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
Logan 1.4i Sandero 1.4i Solenza 1.4i Eng. E7J, K7J 1390ccm 04→ 08→ 03→ 55/59kw(75/80PS)	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 04→ 08→ 55/64/66kw(75/87/90PS)	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 99→ 70/72kw(95/98PS)	79,5 4	IN	V1013	7701 471 378	32,7x5,5x109,3	45	1	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,03x40,6 +0,05 +0,20	B A
		EX	V1014	7701 471 379	28x5,5x107,6	45	1	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,03x40,6 +0,05 +0,20	B A

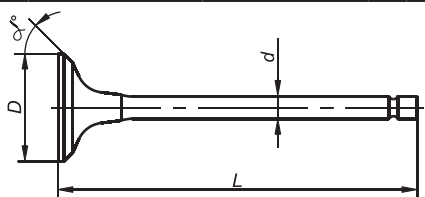
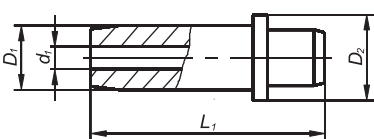
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
DACIA DIESEL											
Logan 1.5dCi Sandero 1.5 dCi Eng. K9K Turbo 1461ccm 50/60/63kw(68/82/86PS)	03→ 08→	76 4	IN	V979	7701 473 184	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
Solenza 1.9D Eng. FQ600 1870ccm 44/48kw(60/65PS)	03→	80 4	IN	V837	7701 468 035	35,2x8x111,6	45	1	VV146	8x13,06x39	B
			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 67-75	70 4	IN	V581	7701 458 180	33,5x7x89,8	45	1	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 +0,05 0710 941 000 +0,10 0710 941 100 +0,20	G A
Daf 66 1.3 Eng. 810 03/29 1289ccm 29/40kw(40/54PS)	73-75	73 4	EX	V582	7701 460 690	29x7x88,9	45	2	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 +0,05 0710 941 000 +0,10 0710 941 100 +0,20	G A

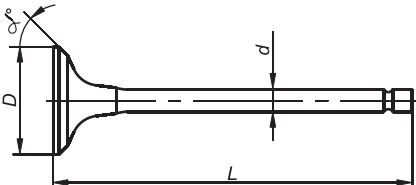
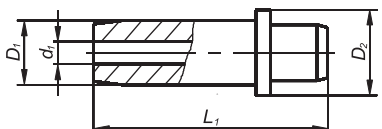
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
DAF DIESEL												
LF 45. 130/150/170/180/220 3920ccm LF 55. 220/250 5880ccm	02→ 02→	71	IN	V1297	1404919	33x7x124,7	60	1	VV311		7x12,07x50,5	G
		4		V1297N1		+0,5S			VV311N		+0,05	B
		71		V1297N2		+0,8S						
		6		V1297N5		+0,2d						
			EX	V1298	1404918	33x7x124,3	45	1	VV311		7x12,07x50,5	G
				V1298N1		+0,5S			VV311N		+0,05	B
				V1298N2		+0,8S						
				V1298N5		+0,2d						
Series 400 12V Eng. DJ5T	96→	92	IN	V1121	96095457	36,9x7x127,9	45	3	VV246	0220.93	7x13,06x54	B
		4		V1121N1		+0,5S			VV246.1		+0,20	F
				V1121N3		+1,0S						
			IN	V955	96180328	41x7x115,7	45	3	VV291	0220.94	7x13,06x43,1	B
									VV291.1		+0,05	F
			EX	V1122	96096146	36,9x7x127,5	45	3	VV246	0220.93	7x13,06x54	B
				V1122N1		+0,5S			VV246.1		+0,20	F
				V1122N3		+1,0S						
Serijes 400 2.5D Eng. EN55/XD3P 2498ccm 52/58kw(70/79PS) Serijes 400 2.5TD Eng. ET70/XD3T 2498ccm 66/71kw(90/96PS)	87→93 87→93	94	IN	V793	0948.49 0948.53	42,5x8,5x116	45	1	VV219	0220.16	8,5x14,05x55	G
		4							VV219.1		+0,05	A
									VV219.2		+0,10	
									VV219.3	0220.19	+0,20	
			EX	V794	0949.50	35,5x8,5x116,3	45	1	VV219	0220.16	8,5x14,05x55	G
									VV219.1		+0,05	A
									VV219.2		+0,10	
									VV219.3	0220.19	+0,20	
ENG.DNT/DNS 620 Turbo Series 1300, 1700, 1900 6329ccm 132/156kw(180/212PS)	87→	104,2	IN	V1169	286 292	44x10x142,4	60	1	VV270	752299	10x16,03x68	G
		6										F
			EX	V1170	286 291	40x10x142,4	60	1	VV270	752299	10x16,03x68	G
											F	

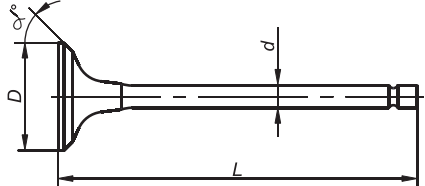
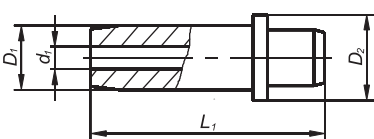
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
DAF DIESEL											
ENG. H825, S825 Series F2505 8.3 12V 8250ccm 184kw(250PS)	89→ 4	IN	V1711	394838	50x10x157,9	60	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	IN									
		EX									
CF 75.310/360 9.2 12V 9200ccm	04→ 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 69-76 73→ 73→	IN	V2169	267356	55x11x152	60	1	VV570	655401 368893	11x17,51x70,2	G A
		EX	V2170	267357	48x11x150	60	1	VV570	655401 368893	11x17,51x70,2	G A
ENG.DKV 1160 ENG.DKXE 1160 Turbo FA 2805/3300 11630ccm 212kw(288PS)	81→ 81→	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
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 84-88 FAS 3603 FA/FT 3605 FAD/FAT 3625 11630ccm 274kw(373PS)	84-88 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

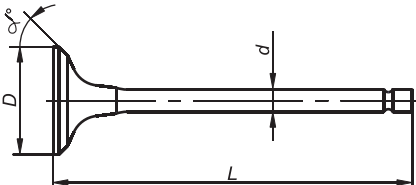
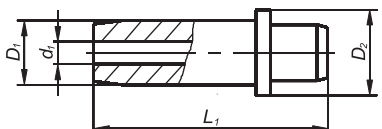
	CYL. Ø Nº	IN EX										
1	2	3	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
			4	5	6	7	8	9	10	11	12	
DAF DIESEL												
ENG.DKZ 1160 Turbo FAS 3603 FA/FT 3605 FAD/FAT 3625 11630ccm 274kw(373PS)	84-88	130	IN	V1289	266 305	54,9x11x175	60	1	VV224	0266 425	11x17,55x75	G
		4	EX	V1290	266 306	49,9x11x175	60	1	VV224	0266 425	11x17,55x75	A2
85 CF 24V 95 CF 24V Eng. XF Euro2/Euro3 12580ccm 250kw(340PS)	98→ 98→	130	IN	V1359*	1342220	45,5x9x163,8	70	1	VV325	1313683	9x15,04x76,5	G
		6		* Retainer s.e. 12 mm					VV472		9x15,05x77	A
												G
												A
			EX	V1360*	1362696	42,5x9x158,8	45	1	VV325	1313683	9x15,04x76,5	G
				* Retainer s.e. 7 mm					VV472		9x15,05x77	A
XF 250 M4V Euro 2 XF 315 M4V Euro 2 XF 355 M4V Euro 2 12583ccm	04→	130	IN	V1865	1307654	45,5x9x163,8	60	1	VV472	1313683	9x15,05x77	G
		6	EX	V1866	1327029	42,5x9x158,8	60	1	VV472	1313683	9x15,05x77	A
85 CF 430 24V 95 XF 430 24V Eng. XF Euro2/Euro3 12580ccm 315kw(428PS)	04→	130	IN	V1421*	1603846	45,5x9x163,7	70	1	VV325	1313683	9x15,04x76,5	G
		6		* Retainer s.e. 8,9 mm					VV472		9x15,05x77	A
												G
												A
			EX	V1360*	1362696	42,5x9x158,8	45	1	VV325	1313683	9x15,04x76,5	G
				* Retainer s.e. 7 mm					VV472		9x15,05x77	A

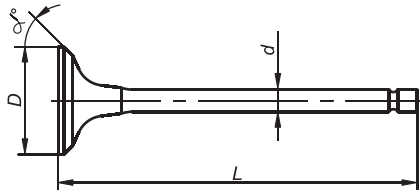
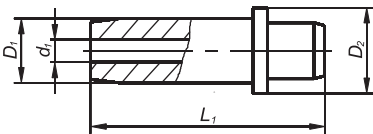
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
DAF DIESEL											
ENG. CF 85FA 85.410 06→	130	IN	V1985	1684513	45,5x10x169,4	70	1	VV575		10x16,04x74	G
ENG. CF 85FAC 85.410, FAX 85.410 05→	6										F
ENG. CF 85FAD 85.410 05→											
ENG. CF 85FAG 85.410, FAN 85.410 05→		EX	V1986	1678541	42,5x10x168,6	60	1	VV575		10x16,04x74	G
ENG. CF 85FAR 85.410, FAS 85.410											F
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)											
NEW											
DAIHATSU											
Move 97→	66,6	IN	V2053	13711-87202	34x7x111,1	45	1	VV327	11124 - 87701	7x12,09x50	G
Eng. ED-20	3							VV327.1		+0,05	A1
847ccm		EX	V2054	13715-87202	28x7x110,6	45	1	VV327	11124 - 87701	7x12,09x50	G
NEW								VV327.1		+0,05	A1
Courea VIII 1.0 Mk VIII 07→	71	IN	V2159	13711-40040	27,7x5x88,4	60	1	VV435	11122 - 21010	5x9,75x34,4	G
Sirion 1.0 DVVT 4WD 05→	3										P
Eng. 1KR-FE											
998ccm 50kw(68PS)		EX	V2160	13715-40040	23,7x5x89,1	45	1	VV435	11122 - 21010	5x9,75x34,4	G
											P
Cuore 550, L55, Max, Van 79→	71,6	IN	V1141	13711-87701	36x7x101,6	45	1	VV327	11124 - 87701	7x12,09x50	G
Hi - Jet 550 79→	2							VV327.1		+0,05	A1
Domino, Fellow 550 77→											
Wide Cab/Van 550 79→		EX	V1142	13715-87701	33x7x101,6	45	1	VV327	11124 - 87701	7x12,09x50	G
Eng. AB								VV327.1		+0,05	A1
547ccm 23kw(31PS)											

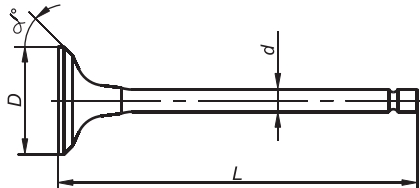
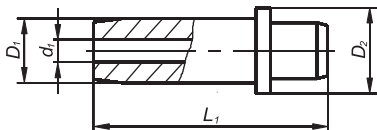
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
DAIHATSU												
Charade 1000 1000 Van Eng. CB OHC 993ccm 40kw(55PS)	77→ 83→	76 3	IN EX	V1141 V1142	13711-87701 13715-87701	36x7x101,6 33x7x101,6	45 45	1 1	VV327 VV327.1 VV327 VV327.1	11124 - 87701 11124 - 87701	7x12,09x50 +0,05 7x12,09x50 +0,05	G A1 G A1
Cuore 1.0 Eng. EJ-DE-12V 989ccm	00→	72 3	IN EX	V1883 V1884	13711-97205 13715-97203	24,5x5x79,2 21,1x5x79,8	45 45	1 1				
Sirion 1.0 Eng. EJ-DE/EJ-VE 989ccm		72 3	IN EX	V1963 V1884	13711-87208 13715-87808 13715-97203 13715-97205	24,1x5x79,5 21,1x5x79,8	45 45	1 1				
Cuore 1.0 12V YRV 1.0 12V Eng. EJ-VE 998ccm 43kw(55PS) YRV 1.3 GTi 16V Terios 1.3 16V Sirion 1.3 16V Eng. K3-VE 1298ccm 75/95kw(102/129PS)	03→ 00→ 00→ 00→	72 4	IN EX	V1249 V1250	13711-97401 13715-97401	26x5x88,2 22,6x5x89,2	45 45	1 1	VV435 VV435	11122 - 21010 11122 - 21010	5x9,75x34,4 5x9,75x34,4	G P G P
Charade 1.3 16V Terios 1.3 16V Eng. HCE, K3-VE 1390ccm 63kw(86PS) Applause 1.6 16V Charade 1.6 16V Feroza 1.6 16V Rocki 1.6 16V Eng. HDE 1589ccm 69kw(94PS)	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				
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				

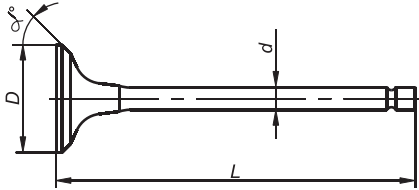
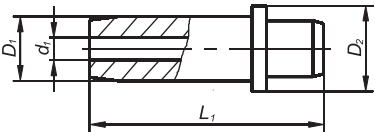
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
DAIHATSU												
Delta 2.0D Eng. 2C 1974ccm 53kw(72PS)	93→	86 4	IN EX	V1345 V1482	13711-64030 13711-64020 13715-64030 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 VV531N VV531 VV531N	550-610-301 550-610-301	7x12,06x45 +0,05 7x12,06x45 +0,05	G A G A
Sharade 1.0TD Eng. CL-T 993ccm	83→	76 4	IN EX	V1305 V1306	13711-87706 13715-87705	34x7x105 30x7x105	45 45	1 1				
FAMOS												
ENG. F/FF/E...A		112 6	IN EX	V15 V15N3 V16 V16N3	5116 0006 2 5116 0002 0	49x11x162 +1,0S 41x11x162 +1,0S	45 45	5 5	VV05 VV05.2 VV05 VV05.2	5212 0027 0 5212 0049 0 5212 0027 0 5212 0049 0	11x18,03x88 +0,20 11x18,03x88 +0,20	G A36 G A36
ENG. 2F...A		123 6	IN EX	V33 V33N1 V33N2 V33N3 V69 V69N1 V69N2 V69N3	5116 0007 0 5116 0003 0	52x11x159 +0,5S +0,8S +1,0S 43x11x159 +0,5S +0,8S +1,0S	45 45	5 5	VV05 VV05.2 VV05 VV05.2	5212 0027 0 5212 0049 0 5212 0027 0 5212 0049 0	11x18,03x88 +0,20 11x18,03x88 +0,20	G A36 G A36

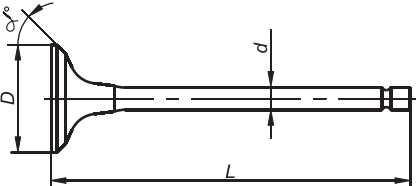
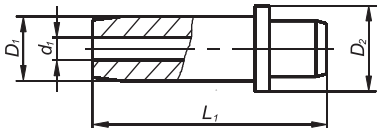
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FAMOS											
ENG. 2FP...A ENG. 2F...B ENG. 2FP...B	125 6	IN EX	V154 V154N1 V154N2 V155 V155N1 V155N2	5116 0008 0 5116 0003 1	52x11x159 +0,5S +0,8S 43x11x159 +0,5S +0,8S	45 45	5 5	VV05 VV05.2 VV05 VV05.2	5212 0027 0 5212 0049 0 5212 0027 0 5212 0049 0	11x18,03x88 +0,20 11x18,03x88 +0,20	G A36 G A36
ENG. NFT	125 6	IN IN EX	V368 V368A V369	5116 0068 0 5116 0063 0	53x11x159 53x11x159 45x11x159	60 45 45	5 5 5	VV05 VV05.2 VV05 VV05.2	5212 0027 0 5212 0049 0 5212 0027 0 5212 0049 0	11x18,03x88 +0,20 11x18,03x88 +0,20	G A36 G A36
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 EX	V687 V687N3 V688 V688N3	630804600014 F238200210040 620704603014 F238200210030	38x9x117 +1,0S 35x9x117 +1,0S	45 45	3 3	VV532 VV532	630503320034 630503320034	9x15,05x58 9x15,05x58	G G G G
FIAT											
600D Multipla 600E-750 Eng. 100D 767ccm	60-71 17kw(23PS)	62 4 EX	V01 V02	4 064 701 4 132 958 4 064 702	25,5x7x92,2 23,5x7x92,2	45 45	5 5	VV184 VV184.1 VV184 VV184.1	880 911 880 911	7x13,02x42 +0,07 7x13,02x42 +0,07	G A1 G A1

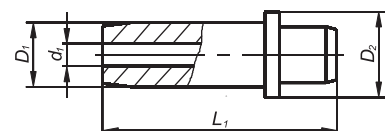
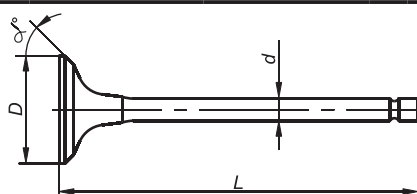
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
850 Sport Coupe 0.9 Eng. A112 903ccm 38kw(52PS)	68-73 4	65 4	IN	V257	4 265 695 5 959 564	29x7x95,3	45 1	VV70 VV70.1 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
900 Nuova 0.9 Eng. 100G BC 896ccm 38kw(52PS)	68→		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 Eng. 100GL 064	74-82										
Panda 45/45 Specijal 0.9 Eng. 100GL 3.C.O	80→										
Uno 45 S/SL 0.9 Eng. 146.A.000	86-90										
900E-Fiorino 0.9 Eng. 146.A.000 903ccm 33/35kw(45/47PS)	86-90										
Cinquecento 900i.e. 0.9 Panda 900i.e. 0.9 Seicento 900i.e. 0.9 Eng. 170.A1.046/170.A1.000 899ccm 29/31kw(40/42PS)	91-98 92-00 98-00										
Panda 4x4 1.0 Eng. A112A 965ccm 35kw(47PS)	86-90	67,2 4									
Panda 4x4 1.1 Eng. 1100 ACT 1108ccm 38kw(51PS)	92→	70 4									
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 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
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 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
Tipo 1.1 Uno 60 1100 R/89 1.1 Eng. 156 A3.000 Fire	88→ 89→										

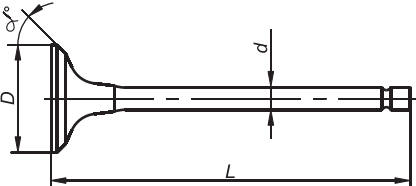
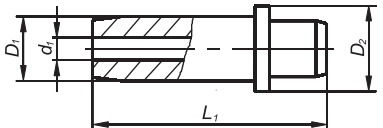
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Panda 1.1ie Panda 1.1ie/4x4 Eng. 160 A3.000 Fire 1108ccm 41/42kw(55/57PS)	86→ 86→ 41/42kw(55/57PS)	70 4	IN	V731	7 666 228 5 942 727	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
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→ 40/42kw(55/60PS)	70,8 4	EX	V732	7 666 227 5 942 728	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
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 40kw(55PS)	97→99 98→ 94→ 03→ 40kw(55PS)	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
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 54kw(73PS)	93→ 93→ 00→ 00→ 97→ 97→ 54kw(73PS)	70,8 4	EX	V732	7 666 227 46514754	27,3x7x97,2	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
Bravo, Brava 1.2 16V Marea 1.2 16V Strada 1.2 16V Eng. 182 B2.000/176 B9.000 1242ccm 60kw(82PS)	95→ 99→ 99→ 60kw(82PS)	70,8 4	IN	V1007	46403681	26,9x6x95,2	45 3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
Punto 85/85 Cabrio 1.2 16V Palio 75 Weekend 1.2 16V Eng. 176 B9.000 1242ccm 54kw(73PS)	97→ 97→ 54kw(73PS)		EX	V1008	46471639	22,4x6x96	45 3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F

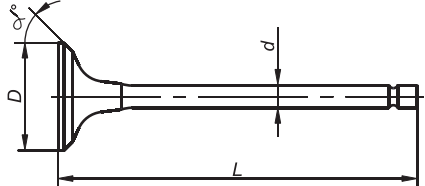
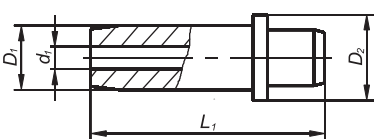
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
500 1.2 8V Eng. 169 A4.000 1242ccm	07→	70,8 4	IN 								

	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
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	33,3x5x99,9	60	3	VV377 VV377.1 VV377.2	55190559 55190560	5x10,06x44 +0,03 +0,23	G F
		EX	V2056	55198342 Natural Power Engine	28,1x5x100,5	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

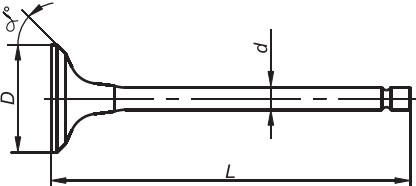
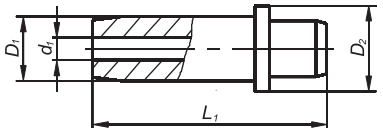
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
500 1.4 16V Eng. 169 A3.000	07→	72	IN	V1451	55185028	26,9x6x95,2	45 3	VV259	46441525	6x10,04x39,7	G
								VV259.1	73500256	+0,03	F
								VV259.2	73500257	+0,23	
Grand Punto 1.4T 16V Eng. 198.A1.000 Eng. 198.A4.000	08→		EX	V1452	55185080	22,4x6x94,7	45 3	VV259	46441525	6x10,04x39,7	G
								VV259.1	73500256	+0,03	F
								VV259.2	73500257	+0,23	
500 Abarth 1.4T 16V Eng. 198 A8.000 1368ccm	08→										
Doblo 1.4 GPL Eng. 198 A4.000 1368ccm NEW	10→	72 4	IN	V2021	55225886	26,8x6x95,2	60 3	VV259	46441525	6x10,04x39,7	G
								VV259.1	73500256	+0,03	F
								VV259.2	73500257	+0,23	
			EX	V2022	55225887	23x6x94,9	60 3	VV259	46441525	6x10,04x39,7	G
								VV259.1	73500256	+0,03	F
								VV259.2	73500257	+0,23	
126 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	9158589	5x10,04x39 +0,03	G F
								VV223.1			
			EX	V1430	71739797	27,5x5x116,2	45 3	VV223	9158589	5x10,04x39 +0,03	G F
								VV223.1			

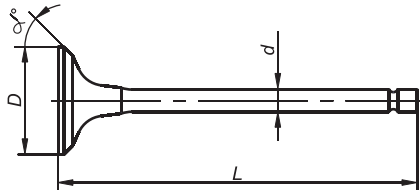
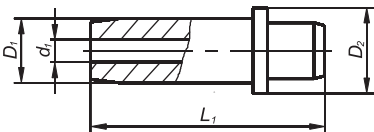
FIAT98

	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 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
								VV195.1		+0,03	F
								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
								VV195.1		+0,03	F
								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 NEW	12→	80,5 2	IN	V2023	55229666	30,15x5x95,5	45 3				
			EX	V2024	55231897	25,3x5x95,3	45 3				
Marea 1.6ie 16V Pallo 1.6ie 16V Stilo 1.6ie 16V Multipla 1.6ie 16V Bipower/Blupower Eng. 182 B6.000 103CW Doblo 1.6ie 16V 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
	99-04				46517325			VV70.1	4 372 331	+0,05	F
	01→				55192067			VV70.2	4 372 332	+0,10	
	99-04							VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25	
	01-04	80,5 4	EX	V826	46761370	29,8x7x102,8	45 1	VV70	4 265 699	7x13,01x42,5	G
					46461209			VV70.1	4 372 331	+0,05	F
					55196738			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 Bravo 1.8 16V Eng. 939 A4.000 1796ccm 103kw(140PS)	06→	80,5 4	IN	V1611	55557741	31,2x5x113,9	45 3	VV390	71739771	5x10,04x37	G
	07→							VV390N		+0,05	F
								VV390.1	71739803	+0,21	
			EX	V1612	71744388	27,5x5x113,2	45 3	VV390	71739771	5x10,04x37	G
								VV390N		+0,05	F
								VV390.1	71739803	+0,21	

	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													
Brava 1.4 S/SX 12V Bravo 1.4 S/SX 12V Marea 1.4 12V Eng. 182 A3.000 1369ccm 59kw(80PS)	95→ 95→ 96→	82 4	IN	V727	7 712 114	30,3x7x110,4	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	V728	46413334	35,5x7x110,4	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	
Bravo 1.8i.e. 16V Brava 1.8i.e. 16V Marea 1.8i.e. 16V Punto 1.8i.e. 16V Eng. 182 A2.000 1747ccm 83kw(113PS)	95→ 95→ 96→ 96→	82 4	IN	V729	7 766 564 60811153	33,5x7x113	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 1.8i.e. 16V Eng. 183 A1.000 1747ccm 96kw(131PS)	96→		EX	V730	7 766 565 60674406 60811154	28x7x108,4	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	
Brava 115, Brava 115 1.8i.e. 16V Barshetta 1.8 16V Marea 115, Punto GHT 1.8i.e. 16V Stilo 1.8i.e. 16V Eng. M646 44.17P/192 A4.000 1747ccm 96kw(131PS)	98→ 95→ 98→ 01→								VV534	BRONZE VERSION	7x13,01x42,5	B F	
Coupe 2.0i.e. 20V Bravo 2.0i.e. 20V Marea 2.0i.e. 20V Eng. B3/B7.000/185 A8.000 1998ccm 110/113kw(150/154PS)	98-00 98-00 99→	82 5											
Stilo 2.4 20V Eng. 182 192 A2.000 1998ccm 110/113kw(150/154PS)	01→	83 5											

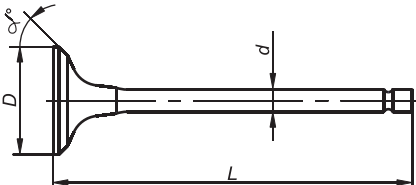
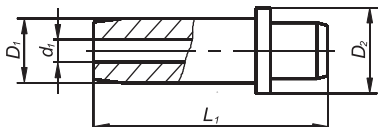
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Bravo 2.0i.e. 20V 95→ Brava 2.0i.e. 20V 95→ Marea 2.0i.e. 20V 96→ Coupe 2.0i.e. 20V 96→ Eng. 182 A1.000/M648 AA.19AC 1998ccm 113kw(155PS)	82	IN	V963	7 735 898 60812982	30x7x113	45	3	VV70	4 265 699	7x13,01x42,5	G
	5							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	
Coupe 2.0 20V Turbo 96→ Eng. 175.A3.000 1998ccm 162kw(220PS)		EX	V964	7 735 899 60812981	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	
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		8x13,07x38,7	B
	4							VV241.1		+0,05	F3
								VV241.2	0220.63	+0,20	
		EX	V968	91513446 0949.52	33x8x108,1	45	1	VV242	0220.72	8x13,07x45	B
								VV242.1		+0,05	F
								VV242.2	0221.17	+0,20	
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		8x13,07x38,7	B
	4							VV241.1		+0,05	F3
								VV241.2	0220.63	+0,20	
Ducato 2.0i.e. 97→ Eng. XU10J2U/RFW 1998ccm 89kw(121PS)	86	EX	V724	91535019 0949.57	34,5x8x108,4	45	1	VV242	0220.72	8x13,07x45	B
	4							VV242.1		+0,05	F
								VV242.2	0221.17	+0,20	
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	4 250 803	8x14,06x46,5	G
	4							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	V1002	5 975 849 4 394 134	36,5x8x112,5	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	

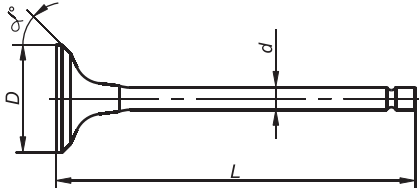
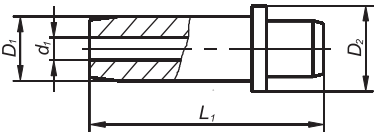
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Tipo 1.8i.e. 16V Eng. 160 A5.000 1756ccm 101kw(138PS)	90→	84 4	IN	V705	7 574 739 7 722 907 7 722 745	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	
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→	EX	V706	7 958 073 7 650 916 7 574 742	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	
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→	84 4	IN	V593	0948.33 0948.55	42,6x8x118,6	60 1				
Ducato 13 2000 Talento 2000 Eng. XN1, XN1P/T, XNA Peugeot 1971ccm 68kw(92PS)	81→	88 4	EX	V594	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→	85 4	IN	V1091	96239503 0948.99	33,3x6x106,2	45 1	VV449		6x12,07x40,8	B
								VV449.1		+0,05	F
								VV449		6x12,07x40,8	B
								VV449.1		+0,05	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→	86 4	IN	V152	4 239 917 5 999 660	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	
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→	86,4 4	EX	V153	4 315 062 4 314 869 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	

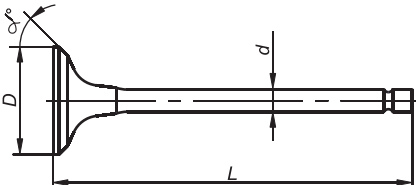
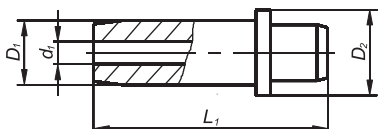
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
FIAT												
Ritmo 65 L/CL 1.3 Eng. 188 A1.000	78→	86,4 4	IN	V152	4 239 917 5 999 660	36x8x108,5	45	1	VV69	4 250 803	8x14,06x46,5	G
Nuovo Ritmo 70/70S 1.3	78→								VV69.1	4 372 160	+0,03	F
Strada 65/70 1.3	78→								VV69.2	4 372 161	+0,08	
Uno 70/70 SX 1.3 Eng. 138 B2.000	83→								VV69.3	4 250 804	+0,18	
									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	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	
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		8x13,08x43,6	B
Ulysse 2.0 Turbo	94→								VV239.1		+0,05	F
									VV239.2		+0,20	
Eng. XU10J2CTE/RGH 1998ccm 89/108kw(121/141PS)									VV240		8x13,08x50,6	B
			EX	V998	96147032 96117828	34,5x8x108,4	45	3	VV240.1 VV240.2	+0,05 +0,20	F	
Ulysse 2.0 i.e. 16V Eng. XU10J4R/RfV – 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	0221.19	7x12,08x40	B
									VV244.1		+0,05	F
									VV244	0221.19	7x12,08x40	B
									VV244.1		+0,05	F
			EX	V910* * Retainer s.e. 2,2 mm	91540782 0949.81	29,6x7x105,7	45	3	VV244 VV244.1			
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	0221.25	6x12,06x40,8	B
									VV317.1		+0,05	F
									VV318	0221.24	6x12,06x40,8	G
									VV318.1		+0,05	F
			EX	V1184	96298611	29,6x6x105,7	45	1				

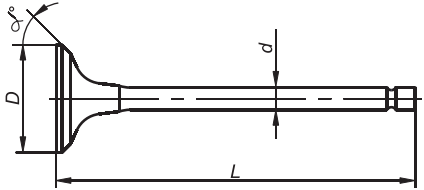
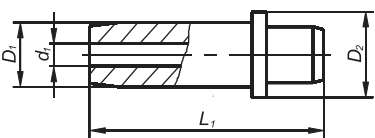
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Croma 2.2 16V Eng. 939 A5.000 2198ccm 100kw(136PS)	06→	86 4	IN	V1069	71739277	35,1x6x102,3	45 3	VV452	71739350	6x10,04x36	G
			EX	V1070	71739320	30,1x6x100,9	45 3	VV452 VV452N	71739350	+0,05 6x10,04x36 +0,05	A 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) 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) 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→	86,4 4	IN	V152	4 239 917 5 999 660	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	
	86→90							VV69.4	4 372 162	+0,23	
	78→										
	81→		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
	90→							VV69.2	4 372 161	+0,08	
								VV69.3	4 250 804	+0,18	
Tipo DGT 1.6 Eng. 160 A2.000 Tempra 1.6 Eng. 159 A3.000 1580ccm 61/63kw(83/86PS)	88→	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	
	89→							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	

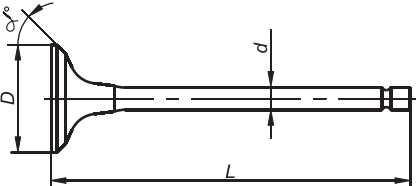
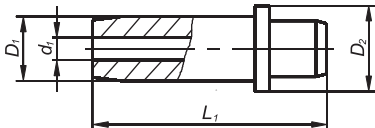
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Fiorino 1.6 89→ Tipo SX 1.6 90→ Tempra SX/SV 1.6 90→ Punto 90 SX/ELX 1.6 93→ Punto 1.6 Cabrio 94→ Eng. 176 A9.000 1581ccm 63/66kw(86/90PS)	86,4 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
Palio Weekend 1.6i.e. 16V 97→ Siena 1.6i.e. 16V 97→ Eng. 178 B3.000 1581ccm 74/78kw(101/106PS) Bravo 1.6i.e. 16V 97→ Brava 1.6i.e. 16V 97→ Marea 1.6i.e. 16V 97→ Multipla 1.6i.e. 16V 98→ Stilo Doblo 1.6i.e. 16V 01→ Eng. 182 A4.000/182 B6.000 Multipla 100 1.6i.e. 16V 98→ 1581ccm 76kw(103PS)	86,4 4	IN	V825	46462158 46517325	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
Ulysse 3.0 V6 24V 00→ Eng. ES9J4S/XFX-Peugeot 2946ccm 150kw(204PS)	87 V6	IN	V1247	96304413 0948.A5	35x6x108,4	45	1	VV201 VV201.1	0220.95 +0,05	6x11,08x40 +0,05	B F
		EX	V1248	96401813 0949.A5	30,5x6x106,9	45	1	VV201 VV201.1	0220.95 +0,05	6x11,08x40 +0,05	B F
FIAT DIESEL											
Doblo 1.3JTD 16V 05→ Idea 1.3JTD 16V 04→ Panda 1.3JTD 16V 03→ Punto 1.3JTD 16V 05→ Eng. 188 A9.000	69,6 4	IN	V1413	46518930	21,7x6x109,2	45	3	VV391 VV391.1 VV391.2	46816601 46816602 46816604	6x10,03x43,2 +0,03 +0,23	G F3
Doblo 1.3MJT 16V 05→ Fiorino 1.3MJT 16V 08→ Grande Punto 1.3MJT 16V 06→ Linea 1.3MJT 16V 07→ Eng. 199 A2/A3.000 1248ccm 55/66kw(75/90PS)	69,6 4	EX	V1414	46518931	21,7x6x109,2	45	3	VV391 VV391.1 VV391.2	46816601 46816602 46816604	6x10,03x43,2 +0,03 +0,23	G F3

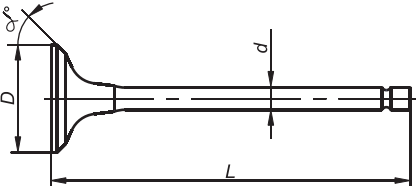
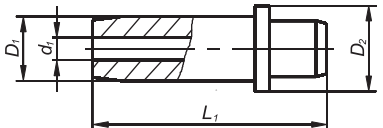
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
FIAT DIESEL												
Punto 1.3 MJT 16V Panda 1.3 MJT 16V Idea 1.3 MJT 16V 500 1.3 MJT 16V Qubo 1.3 MJT 16V Grande Punto 1.3MJT 16V Eng. Euro 5 1248ccm	09→	69,6 4	IN 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
Scudo 1.6JTD 16V Eng. DV6TED4 – Peugeot 1568ccm 80kw(109PS)	06→	75 4	IN EX	V1493 V1494	96450247 96408400	25,6x5,5x96,4 23,4x5,5x96,6	45 45	3 3	VV399 VV399N VV399 VV399N	 <		

	CYL. Ø 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 EX	V1680	55205125	26,5x5x114,4	45 3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A
				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 EX	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
				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
				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→	82 4	EX								
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 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														
Doblo 1.9 JTD Idea 1.9 JTD Marengo 1.9 JTD Multipia 1.9 JTD Eng. 182 B4.000 1910ccm 77kw(105PS)	01→	82	IN	V1033	46750859	35,5x8x115	45	3	VV260	7 565 472	8x14,04x43	G		
	04→	4			60814605						VV260.1	46 433 782	+0,03	F
	99→										VV260.2	46 433 783	+0,08	
	99→										VV260.3	7 565 473	+0,18	
								VV260.4	46 433 784	+0,23				
			EX	V1034	46783962	34,5x8x115	45	3	VV260	7 565 472	8x14,04x43	G		
	Grande Punto 1.9 MJT 06→								VV260.1	46 433 782	+0,03	F		
	Croma 1.9 MJT 06→								VV260.2	46 433 783	+0,08			
	Eng. 199 A5.000								VV260.3	7 565 473	+0,18			
	Sedici 1.9 MJT 06→								VV260.4	46 433 784	+0,23			
Eng. D19AA 1910ccm 88kw(120PS)														
Marea 2.4 JTD 10V Stilo 2.4 JTD 10V Eng. 839 A5/A6.000 2387ccm 100/103kw(136/145PS)	99→	82	IN	V1033	46750859	35,5x8x115	45	3	VV260	7 565 472	8x14,04x43	G		
	00→	5			60814605						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	46783962	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			
Croma 2.4JTDM 20V Eng. 939 A3.000 Up to eng. 5553217 2387ccm NEW	07/06	82	IN	V2025	55190248	27,9x5x114,2	45	3	VV437	55210016	5x10,04x46,7	G		
		5							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			

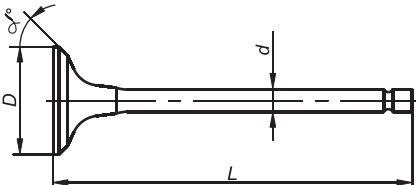
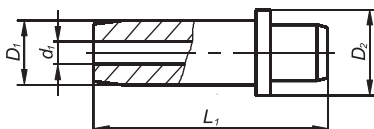
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT DIESEL											
Idea 1.9 MJT 16V Stilo 1.9 MJT 16V Eng. 937 A5.000	05→ 06→	82 4	IN	V1595* * Retainer	55206431 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
Croma 1.9 MJT 16V Eng. 939 A1.000 1910ccm	06→ 88kw(120PS)		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
Bravo 2.4 MJT 20V Croma 2.4 MJT 20V Eng. 939 A3.000 From eng. 5553218 2387ccm	07→ 06→ 147kw(200PS)	82 5									
Bravo 1.9 MJT 16V Stilo 1.9 MJT 16V Croma 1.9 MJT 16V Eng. 937 A5.000 Eng. 939 A1.000 1910ccm	07→ 05→ 05→ 88/110kw(120/150PS)	82 4	IN	V1415	46802049	27,8x6x114,4	45 3	VV459 VV459.1 VV459.2	55186786 55186789	6x11,04x47 +0,03 +0,23	G F
Stilo 1.9 JTD 16V Eng. 192 A5.000 1910ccm	04→ 103kw(140PS)		EX	V1416	46787902	25,8x6x114,4	45 3	VV459 VV459.1 VV459.2	55186786 55186789	6x11,04x47 +0,03 +0,23	G F
Croma 2.4 MJT 20V Eng. 939 A3.000 2387ccm	05→ 147kw(200PS)	82 5									
Stilo 2.4 JTD 20V 2400ccm	03→										
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	86→ 86→ 86→ 86→ 86→ 94→ 86→ 88→ 95→ 97→ 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
			EX	V734	5 990 533	33,5x8x117	45 1	VV69	4 250 803	8x14,06x46,5	G
			EX	V708	7 588 577	33,5x8x116,5	45 1	VV69.1 VV69.2 VV69.3 VV69.4	4 372 160 4 372 161 4 250 804 4 372 162	+0,03 +0,08 +0,18 +0,23	F

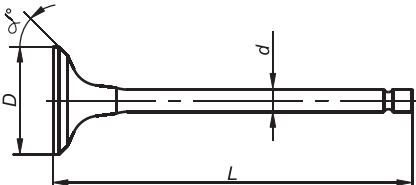
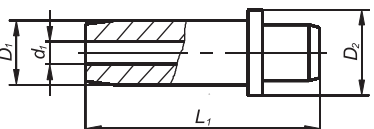
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT DIESEL											
Punto 1.7D Siena 1.7D Eng. 176 B3.000/176 A3/A5.000 1697ccm 42/44kw(57/60PS)	97→ 96→	82,6 4	IN	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 Talento 1.9 D Tipo 1.9D Tempra 1.9D Marengo 1.9D Ducato 10/14 1.9D/TD Eng. 149 A1/B1.000/230 A2.000 1929ccm 48/52kw(65/70PS)	84→ 88→ 89→ 90→ 86→ 87→		EX EX	V734 V708	5 990 533 7 588 577	33,5x8x117 33,5x8x116,5	45 1 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 80 1.9TD Ritmo 80 1.9TD Eng. 831 D1.000 1929ccm 59kw(80PS)	86→ 85→										
Brava, Bravo S/SX 1.9 D Marengo 1.9 D Tempra 1.9 D SX Tipo 1.9 Eng. 160 A7.000 1929ccm 48kw(65PS)	95→ 90→ 90→ 88→										
Fiorino 1.7 Eng. 149 B3.000 1697ccm 53kw(72PS) Ducato 1.9D Talento Ducato 1.9D 1929ccm 60kw(82PS)	86→ 90→	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 Ritmo 1.9 TD Talento, Ducato 10 1.9TD Eng. 149 A1.000 1929ccm 59kw(80PS)	86→ 86→ 88→		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

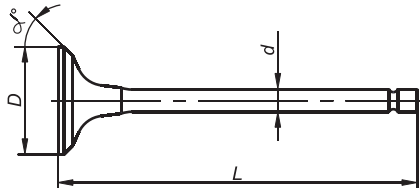
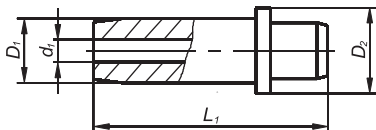
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT DIESEL											
Tipo 1.9 TD 88→	82,6	IN	V707	7 547 158	37,5x8x116,5	45	1	VV69	4 250 803	8x14,06x46,5	G
Tempra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

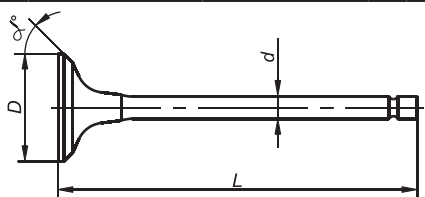
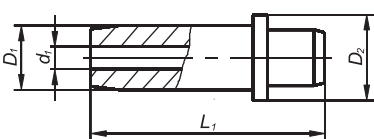
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT DIESEL											
Scudo 1.9 D 95→	83	IN	V721	93510415	38,5x8x112,4	45	1	VV187	0220.75	8x14,06x48	B
Ducato 10 1.9D 98→	4			96305973				VV187.1	0220.76	+0,05	F
Eng. XUD 9A/DJY			V721N1		+0,5S						
1905ccm 51kw(69PS)			V721N3		+1,0S						
Scudo 1.9 D 95→		EX	V710	93510773	33x8x111,9	45	1	VV187	0220.75	8x14,06x48	B
Eng. WJZ/WJY/DW8 – Euro 2				96137357				VV187.1	0220.76	+0,05	F
Ulysse 1.9 TD 95→			V710N1		+0,5S						
Scudo 1.9 TD 95→			V710N3		+1,0S						
Eng. D8B/D9B											
1905ccm 51/67kw(69/92PS)											
Ducato 10 1.9 TD 94→											
Ulysse 1.9 TD 94→											
Talento 1.9 TD 95→											
Eng. XUD9TF											
1905ccm 66kw(90PS)											
Bravo 2.0 MJTD 16V 08→	83	IN	V1595*	55206431	27,9x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
Eng. 198 A5.000	4		* Retainer	s.e. 4,9 mm				VV437.1	55210015	+0,03	A
1956ccm								VV437.2	55210017	+0,23	
Freemont 2.0 MJTD 16V 11→		EX	V1596*	55205183	24,5x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
Eng. 939 B5.000			* Retainer	s.e. 5,9 mm				VV437.1	55210015	+0,03	A
Eng. 940 A5.000								VV437.2	55210017	+0,23	
1956ccm 88kw(120PS)											
Scudo 1.9 JTD 99→	83	IN	V1085	96247742	35,6x6x107,1	45	3	VV378	9640340380	6x10,06x41,5	G
Ulyse 1.9 JTD 99→	4							VV378.1		+0,05	A
Eng. XUD9 TF/L, DHX Turbo								VV266	0220.A1	6x12,07x42,5	G
Common Rail CEE FASE 2								VV266.1		+0,05	F
1905ccm 81kw(110PS)											
Scudo 2.0 JTD 00→	85	EX	V1086	96247745	33,8x6x107,1	45	3	VV378	9640340380	6x10,06x41,5	G
Ulyse 2.0 JTD 00→	4							VV378.1		+0,05	A
Ducato 11/15 2.0 JTD 00→								VV266	0220.A1	6x12,07x42,5	G
Eng. Dw10 TD/ATED, RHZ Turbo								VV266.1		+0,05	F
Common Rail											
Ulyse 2.0 JTD 16V 02→											
Eng. Dw10 ATED4, DHW Turbo											
1997ccm 66/81kw(90/110PS)											

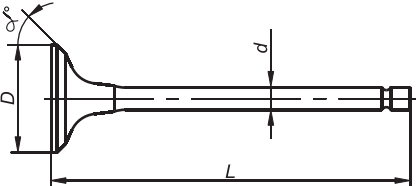
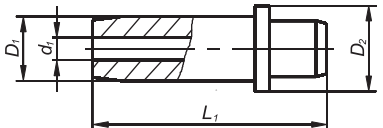
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT DIESEL											
Strada 1.7 D 80→ Ritmo L/CL 1.7 D 80-82 Regata 1.7 D/Weekend 83→ Duna 1.7 D 87→ Nuova Ritmo 1.7 D Eng. 138 B6.000 1714ccm 40/43kw(55/58PS)	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 00→ Ulysse 2.0 JTD 16V 00→ Ducato 2.0 JTD 16V 00→ Eng. DW10ATED4/RHW Engine Peugeot 1997ccm 80kw(109PS)	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 MJT 16V 86→ 1997ccm 80kw(109PS)		EX	V1314	96353184 0949.A9	25x6x106,1	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
Ulysse 2.0 MJTD 16V 06→ Eng. RHR/RHK 1997ccm	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 01→ Eng. DW12TED4/4HW Engine Peugeot 2179ccm 94kw(128PS)	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 08→ Eng. 4HT(DW12BTED4) 2179ccm 125kw(170PS)	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

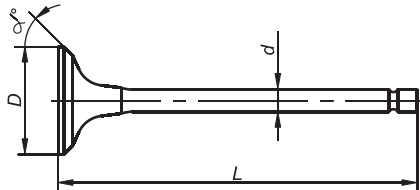
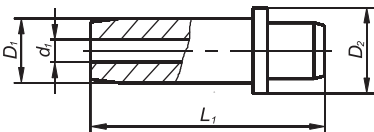
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
FIAT DIESEL												
Ulysse 2.1 TD 12V Eng. XUD11BTE, P8C 2088ccm 80kw(109PS)	96→	85 4	IN	V1095	0948 68	33,9x8x122,3	45	3	VV245 VV245.1	94560290	8x13,08x54,5 +0,20	B F
			EX	V1096	0949 68	33,9x8x121,9	45	3	VV245 VV245.1	94560290	8x13,08x54,5 +0,20	B F
Ducato 2.2 JTD Eng. 4HV 2198ccm 74-103kw(101-140PS) NEW	06→	86 4	IN	V1987	9660035980	29,6x7x122,2	60	3	VV525 VV525N		7x12,06x51,5 +0,05	G A
			EX	V1988	9660640080	25,8x7x122	45	3	VV525 VV525N		7x12,06x51,5 +0,05	G A
132 Mirafiori 2.0 D Eng. 8144.65 1995ccm 44kw(60PS)	83→	88 4	IN	V326 V326N3	7 301 820	41x8x120,7 +1,0S	60	1	VV57 VV57.1	4 749 395 4 749 397	8x13,03x56 +0,03	G F
			IN	V470 V470N1 V470N3	4 813 760	41x8x122 +0,5S +1,0S	60	1	VV57.2 VV57.3 VV57.4	4 749 398 4 749 399	+0,08 +0,18 +0,23	
131 Mirafiori 2.5 D Eng. 8144.61 2445ccm 53kw(72PS)	83→	93 4	EX	V327 V327N3 V966	7 301 821 4 733 349	34,4x8x122 +1,0S 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
			EX				45	1				
Dailly 2.3 16V Unijet Ducato 2.3 JTD 16V Eng. F1A E0481C/B 2286ccm 81kw(116PS)	04→ 02→	88 4	IN	V1237	500362855 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
242-15D 2.2D 242-18D 2.2D Eng. B22/615 2175ccm 45kw(62PS)	74-81 74-81	90 4	IN	V1623	5471746 5478734	42x8x121,4	45	3				
			EX	V1624	5414239 5457479	35x9x121,4	45	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 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 DIESEL													
Ducato 2.5 TD 12V Eng. DJ5T, T8A 2446ccm 76/96kw(104/130PS)	93→ 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→ 4	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→ 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	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		

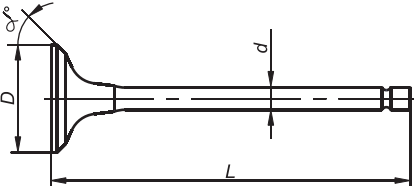
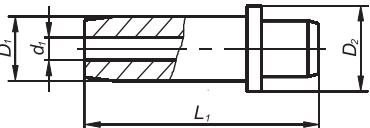
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3		4	5	6	7	8		9	10	11	12
FIAT DIESEL													
Daily 35/45/49.10 2.5TD 85-89 Eng. 8140.21.200	85-89 4	93 IN	V326 V326N3	7 301 820 4 757 358	41x8x120,7 +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 14 2.5D Eng. 8144.21.200 2445ccm 68kw(192PS)	89-94 4	93 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 12/14 2.5TD Eng. 8144.21.200 2445ccm 68kw(192PS)	86-94 4	93 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	
Argenta 2.5 TD Eng. 8144.81.200	83-86 4	93 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	
Croma 2.5 TD Eng. 8144.91 2445ccm 74kw(100PS)	86- 4	93 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	
Croma 2.5 TD Eng. 8144.97 2499ccm 87kw(118PS)	91- 4	93 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 2.8TD Ducato Maxi 2.8TD Eng. 8140.23/43 2585 Turbo Sofim Inercooler	96- 96- 4	94,4 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 2.8 JTDi Eng. 8140.43S 4000 Turbo Sofim Common Rail 2798ccm 84kw(114PS)	00- 4	94,4 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 14 2.8Di Ducato Maxi 2.8Di Eng. 8140.63 Turbo Sofim Aspirated 2798ccm 64kw(87PS)	97- 97- 4	94,4 IN	V679 V679N3 V326 V326N3	98468338 7 301 820	43,5x8x122 +1,0S 41x8x120,7 +1,0S	60 1 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	
		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	
		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	

	CYL. Ø 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 4	IN	V1697	504072531	32,4x6x119,9	60	3	VV335 VV335.1 VV335.2	504053804	6x10,04x49 +0,03 +0,23	G A
			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		+0,3S		VV379.1		+0,05	A1	
				V321N1		+0,5S		VV379.2		+0,10		
				V321N2		+1,0S		VV379.3		+0,15		
350-355-400-420 450-455C-460-470-480 Eng. 8035.01 2338ccm		3		V321N4		+1,5S						
			EX	V322	4 673 608	36,9x8x125,6	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		
550-555 Eng. 8045.01 3119ccm		4		V322N2		+1,0S		VV379.3		+0,15		
				V322N4		+1,5S						
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										

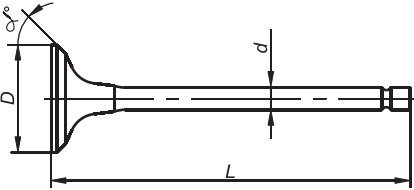
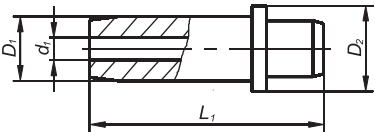
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT AGRI – NEW HOLLAND											
600-605-640-665 666-670-680 Eng. 8045.02 3455ccm	100 4	IN	V321	4 659 379	43,9x8x125,8	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						
65.46/.56/.66/.88/.90 65.93/.94 70.86/.88/.90 72.93/.94 Eng. 8045.06 3613ccm	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						

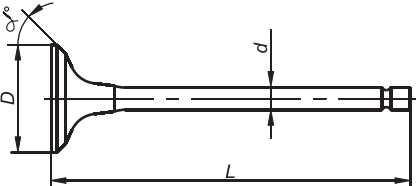
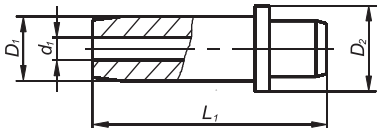
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT AGRI – NEW HOLLAND											
100S-100.90 Eng. 8065.06	100 6	IN	V447	99432652 98435622 4 784 888	45,5x8x125,7	60	1	VV379 VV379.1 VV379.2 VV379.3	4 601 299	8x14,03x48,7 +0,05 +0,10 +0,15	G A1
60-60.46/.56/.65/.66 60.75/.76/.85/.86/.88 60.90/.93.94	104 3		V447N1 V447N2		+0,5S +0,8S						
62-62.85/.86 Eng. 8035.05 2930ccm		EX	V448	99432717 99432718 4 784 889	37,5x8x125,7	45	1	VV379 VV379.1 VV379.2 VV379.3	4 601 299	8x14,03x48,7 +0,05 +0,10 +0,15	G A1
80-80.55/.65/.66/.75 80.76/.88/.90 82-82.85/.86/.93/.94 Eng. 8045.05 3908ccm	4		V448N1 V448N2		+0,5S +0,8S						
85.90-88C-88.85/.93 88.94-A90 Eng. 8045.25 Turbo 3908ccm											
90-90.90-95.55 Eng. 8055.05 4885ccm	5										
110-110.90-115.90 F100-F110-F115- F120 Eng. 8065.05 5862ccm	6										
130.90-140-140.90 F130-F140 Eng. 8065.25 Turbo 5868ccm											

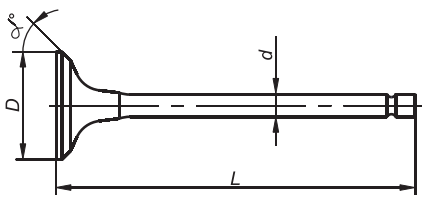
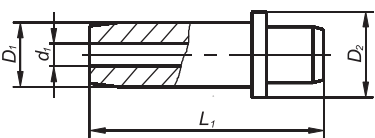
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FIAT AGRI – NEW HOLLAND											
650S-655-655C Eng. CN3 3706ccm	110 3	IN	V228	8 823 545 8 823 548	42,9x8x137,7	45	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											
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	
180C-200C-AD18 BD18-FD20-FE40 Eng. 8215.02 13798ccm 192kw(260PS)	71-81 6	IN	V519	98480846	59x11x170	45	1	VV30	4 630 627	11x18,03x86	G
								VV30.1	4 630 628	+0,03	A1
		EX	V520	99452179	49x11x170	45	1	VV31	4 647 763	11x18,03x76	G
								VV31.1	4 647 764	+0,03	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
FORD											
Fiesta 1.0 89→ Eng. TKB, TLB, OHV/HCS 999ccm 33kw(45PS)	68,7 4	IN	V803 V803.1 V803N1	89BM6507AA 6165227	33x7x104 +0,2d +0,35d	45	3				
Courier 1.1 86-90 Escort 1.1 89→ Fiesta 1.1 89→ Eng. GUD, GUE, OHV/HCS 1119ccm 40kw(55PS)		EX	V740 V740.1 V740N1	89BM6505CA 1038606 1653978 089BM6505DA	29x7x104,4 +0,2d +0,35d	45	3				
Fiesta, Escort, Orion 1.3 89→ Eng. JJB, JBC-HCS 1299ccm 40kw(55PS)	68,7 4	IN	V739 V739.1 V739N1	89BM6507BA 6165228 89BM6507CA	34,5x7x104 +0,2d +0,35d	45	3				
KA 1.3 97→ Courier Van 1.3 96→ Fiesta 1.3 95→ Eng. J4B, J4C-HCS 1299ccm 37/44kw(50/60PS)	74 4	EX	V740 V740.1 V740N1	89BM6505CA 1038606 1653978 89BM6505DA	29x7x104,4 +0,2d +0,35d	45	3				
KA 1.2 8V 08→ Eng. F4P Duratec 1242ccm	70,8	IN	V1621		33,2x5x99,9	45	3	VV377 VV377.1 VV377.2		5x10,06x44 +0,03 +0,23	G F
		EX	V1622		28x5x100,5	45	3	VV377 VV377.1 VV377.2		5x10,06x44 +0,03 +0,23	G F
Fiesta 1.25i 16V 95-97 Eng. ZH12 Zetec S DOHC 1242ccm 55kw(75PS)	71,9 4	IN	V915	96MM6507B2A 1004446	26x6x97,7	45	1	VV274 VV274.1		6x11,05x39 +0,05	G A
		EX	V916	96MM6505B2A 1004444	22x6x99,7	45	1	VV274 VV274.1		6x11,05x39 +0,05	G A
Fiesta 1.25 16V 03→ Fusion 1.25 16V 04→ Eng. FUJA/B, M7JA/B, Zetec 1242ccm 51/55kw(70/75PS)	72 4	IN	V1411	1S6G6507AA 1207533	26x6x99,7	45	3	VV274 VV274.1		6x11,05x39 +0,05	G 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

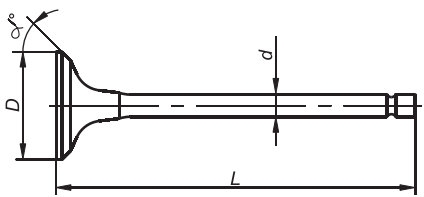
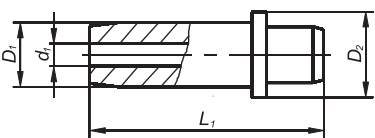
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Fiesta 1.25i 16V Eng. ZH12- Zetec S DOHC 1242ccm 55kw(75PS)	97→	71,9 4	IN	V959	97MM6507A2B 1051772	26,1x6x97,7	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 NEW	12→	71,9 4	IN	V2045	1760579 CM5G6507CB	27,1x5x96,4	45 3				
			EX	V2046	1760588 CM5G6505EA	23,1x5x98,2	45 3				
Fiesta 1.0 12V Eng. XMJA 998cm NEW	13→	71,9 3	IN	V2045	1760579 CM5G6507CB	27,1x5x96,4	45 3				
			EX	V2046	1760588 CM5G6505EA	23,1x5x98,2	45 3				
Fiesta 1.0 L/GL/Ghia Fiesta 1.0 45/45 HIFI Eng. BLO9L 957ccm 30/33kw(40/45PS)	76→ 76→	73,96 4	IN	V921	80BM6507AC 77BM6507AB	33x7,9x105,9	45 3				
				V921.1	80BM6507BC	+0,2d					
			EX	V772	77BM6505AC 84BM6505GA	29,1x7,9x105,6	45 3				
				V772.1 V772N	77BM6505EB	+0,2d +0,3d					
Escort 1.1 L/LE/Popular Fiesta 1.1 L/GL/S/Ghia Fiesta 50/50 HIFI Eng. GSF 1117ccm 39kw(53PS)	76→83 76→83 76→	73,96 4	IN	V771	80BM6507DC 77BM6507DB	38,2x7,9x105,9	45 3				
				V771.1 V771N	80BM6507EC	+0,2d +0,3d					
			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 76→83 Fiesta 1.1 76→83 Sweden Models 1117ccm 34kw(46PS)	73,96 4	IN	V771	80BM6507DC 77BM6507DB 80BM6507EC	38,2x7,9x105,9 +0,2d +0,3d	45	3				
Escort 1.1 83→ Eng. GSE 1117ccm 40/43kw(55/59PS)		EX	V772A	77BM6505DB	29,1x7,9x105,6	45	3				
Escort 1.3 L/GL/Ghia 80→ Orion 1.3 L/GL 80→ Fiesta 1.3 84→ Eng. JPA/JPC – CVH 1295ccm 51kw(69PS)	73,96 4	IN	V781	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 02→ Fiesta 1.3 8V Fusion 1.3 8V Eng. Duratec 1299ccm	73,96 4	IN EX	V1837 V1838	1144340 1144339	35,1x6x109,6 29,7x6x109,8	45	3 3				
Courier 1.4i 16V 95→97 Fiesta 1.4i 16V 95→97 Eng. ZH14 Zetec SE, FHA–FHE, DOHC 1388ccm 55/66kw(75/90PS)	76 4	IN EX	V917 V918	97MM6507B2A 1012749 97MM6505B2A 1012747	28x6x97,4 24x6x99,4	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 97→ Puma 1.4i 16V 97→ Focus 1.4i 16V 99→ Eng. ZH14 Zetec S, FHDA/B 1388ccm 55/66kw(75/90PS)	76 4	IN EX	V1061 V1062	97MM6507B2B 1051773 98MM6505B2B 1069529 1101934	28,1x6x97,4 24,1x6x99,4	45	3 3	VV274 VV274.1 VV274 VV274.1		6x11,05x39 +0,05 6x11,05x39 +0,05	G A G A
Courier 1.4 16V 97→ Fiesta 1.4 16V 03→ Focus 1.4 16V 04→ Eng. Zetec EFI DOHC, ASDA 1388ccm 59kw(80PS)	76 4	IN EX	V1288 V1026	1320926 1151997 1S6C6505BA 1113189	28x6x99,5 24,1x6x101,5	45	3 3	VV178 VV178.1 VV178 VV178.1		6x12,03x36 +0,05 6x12,03x36 +0,05	G A G A
Fiesta VI 1.4i 16V 09→ BIFUEL ENGINE 1388ccm	4	IN EX	V1887 V1888	1673829 1673827	28,1x6x99,4 24,1x6x101,4	45	3 3				

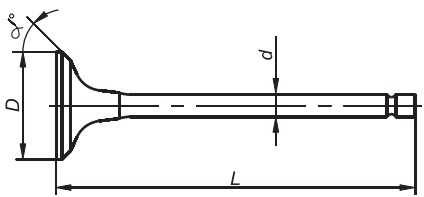
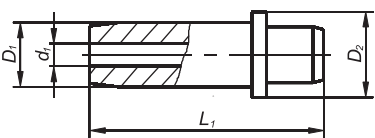
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Puma 1.4i 16V 97→ Eng. Zetec SE- DOHC 1388 ccm 66kw(90PS)	76 4	IN	V895	928M6507C1A 928M6507C2A 6742921	26x6x97,1	45	1	VV178 VV178.1		6x12,03x36 +0,05	G A
Fiesta 1.6i 16V 92-97 Escort 1.6i 16V 92-97 Mondeo 1.6i 16V 93-97 Orion 1.6i 16V 92-93 Eng. Zetec SE- DOHC 1597ccm 66kw(90PS)		EX	V896	948M6505A2A 928M6505C2A 7314594 1023591	24,5x6x96,7	45	1	VV178 VV178.1 VV536	BRONZE VERSION	6x12,03x36 +0,05 6x12,03x36	G A B A
Fiesta 1.6i 16V 97→ Escort 1.6i 16V 96→ Mondeo 1.6i 16V 97→ Eng. L1F Zetec SE DOHC 1597ccm 66/70kw(90/95PS)	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
Fiesta 1.6i 16V 98→ Focus 1.6i 16V Focus C-Max 1.6i 16V Puma 1.6i 16V Eng. FYDA, FUJA Zetec SE DOHC 1596ccm 74/76kw(101/103PS)	79 4	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 98→ Eng. ASDA/B Zetec EFi 1388ccm 55/59kw(75/80PS)	76 4	IN	V1025	1S4G6507CA 1122364	30x6x99	45	3	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P
Focus 1.6 16V 01→ Eng. Zetec S/FYDA/B/C/D 1596ccm 74kw(101PS)	79 4	EX	V1026	1S6C6505BA 1113189	24,1x6x101,5	45	3	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P
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. HWDA/B, HXDA, Zetec S 1596ccm 74/76kw(101/103PS)											

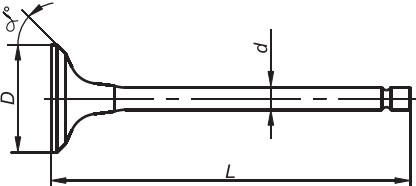
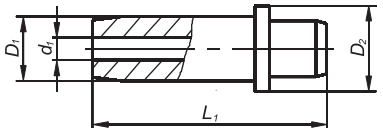
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Escort 1.4 CL/Ghia 81→ Escort 1.4 Cabriolet 81→ Orion 75 CL/Ghia 81→ Fiesta, Escort 1.4 86→ Orion 1.4 86→ Eng. F6A/B/C, FUA/B/C 1392ccm 52/55kw(71/75PS)	77,24 4	IN	V801	86SM6507AA 6137194	40x8x136,5	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	V987	1053844	27x6x98,2	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
		EX	V988	1053842 1066044	24,5x6x97,7	45	3	VV178 VV178.1 VV537	BRONZE VERSION	6x12,03x36 +0,05 6x12,03x36	G A B A
Focus 1.6i 16V 01→ Eng. FXDA/B/C Sigma SE SFI 1596ccm 74kw(100PS)	79 4	IN	V1115	98MM6507C2B 1072048	30,1x6x97	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
		EX	V988	1053842 1066044	24,5x6x97,7	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
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										

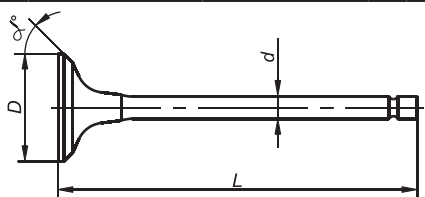
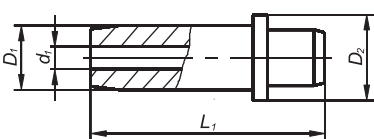
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Escort 1.6 L/GL/Ghia 80-86 Escort 1.6 XR3/XR3i 80-86 Orion 1.6 L/GL/Ghia 84-86 Eng. LR2, LRB-CVH 1596ccm 58/71kw(79/96PS)	79,96 4	IN	V781	81SM6507KF 89SM6507AA	42x8x134,8	45	3	VV176 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)		EX	V795 V795.1	81SM6505AG 81SM6505BG	37x8x131,8 +0,2d	45	3	VV176 VV176.1 VV176.2	81SM6510LC	8x13,57x65 +0,05 +0,10	G F
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)	79,96 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
Escort RS 1.6 Turbo 85-91 Fiesta RS 1.6 Turbo 90-92 Eng. CVH Turbo 1597ccm 96kw(130PS)		EX	V795A V795.1	81SM6505AG 81SM6505BG	37x8x131,8 +0,2d	45	3	VV176 VV176.1 VV176.2	81SM6510LC	8x13,57x65 +0,05 +0,10	G F
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 VV176.1 VV176.2	81SM6510LC	8x13,57x65 +0,05 +0,10	G F
Tracer 1.9 91-93 1896ccm 66kw(90PS)		EX	V926	E7EE6505B2C E7FZ6505A	34x8x133,9	45	3	VV176 VV176.1 VV176.2	81SM6510LC	8x13,57x65 +0,05 +0,10	G F
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 VV178.1		6x12,03x36 +0,05	G A
		EX	V1064	97MF6505AA 1031007	26x6x98,3	45	1	VV178 VV178.1		6x12,03x36 +0,05	G A

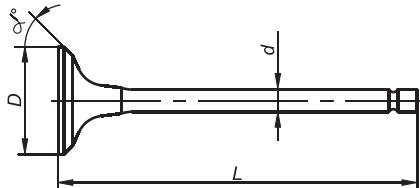
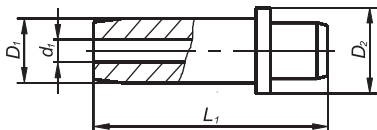
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1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Fiesta, Orion 1.8 16V 88→ Mondeo 1.8 16V 92→ Escort XR3i 1.8 16V 92→ Eng. RDA, RQB Zetec SE 1796ccm 77/96kw(105/130PS)	80,6 4	IN	V903	928M6507D1A 6640543	32x6x97,1	45	1	VV178 VV178.1		6x12,03x36 +0,05	G A
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)	84,8 4 86 4	EX	V904	928M6505D2A 948M6505B2A 6640542	28x6x96,7	45	1	VV178 VV178.1		6x12,03x36 +0,05	G 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)	84,8 4 86 4	EX	V1886	F8CZ6505AA	28x6x96,6	45	1	VV178 VV178.1		6x12,03x36 +0,05	G 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	IN	V905	928M6507F2A	32x6x97,1	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
Escort, Mondeo 1.8i 16V 97→ Orion 1.8i 16V 92→ Eng. Zetec E DOHC – RDA, RQB 1796ccm 77/85kw(105-116PS)	84,8 4	EX	V906	948M6505D2A 1033899	28x6x96,7	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	IN	V1105	XS7E 6507 D2A 1053845	33x6x98	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)	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 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	IN	V1105	XS7E 6507 D2A 1053845	33x6x98	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A

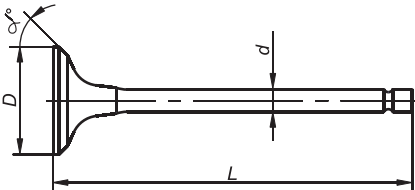
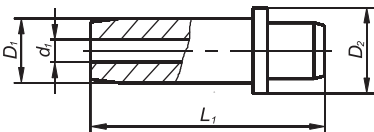
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Mondeo 2.0i 16V 00→ Eng. ZH20HE Duratec CJBA, CJBB 1998ccm 107kw(145PS)	87,5 4	IN	V1105	XS7E 6507 D2A 1053845	33x6x98	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
		EX	V1106	XS7E 6505 D2D 1053843 1124514	28x6x97,7	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
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
Galaxy 2.8i VR6 24V 00-06 Eng. AYL 2792ccm 150kw(204PS)	81 6	IN	V1217	022 109 601E	31x6x102,1	45	3	VV512 VV512N		6x10,04x44 +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
		EX	V1218	022 109 611C	27x6x136,4	45	3	VV513 VV513N		6x10,04x65 +0,05	B F
Sierra 1.6 E/LE/GLE 84→ Sierra 1.6 Ghia/Laser 84→ Eng. 16E Max OHC 1599ccm 55kw(75PS)	81,3 4	IN	V797 V797N	79HM6507EA	42x8x113,2 +0,2d	45	3				
		EX	V798 V798N	84HM6505FA 6119437	32x8x113,3 +0,2d	45	3				
Cougar 2.5 V6 24V 99→ Mondeo 2.5 V6 24V 00→ Eng. VE Duratec SFI-LCBD 2495ccm 107kw(145PS)	81,6 V6	IN	V1311	7221531	32x6x114,8	45	3				
		EX	V1312	7221529	26x6x115,8	45	3				
KA Sport 1.6i 16V 03→ Eng. CDB, CDC KA Street 1.6i 16V Eng. CDRA, CDRB Zetec ROCAM 1597ccm	82 4	IN	V1715	1127426	40x6x109,7	45	3				
		EX	V1716	1089830	34x6x109,8	45	3				

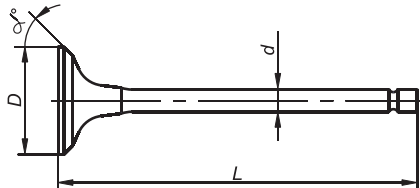
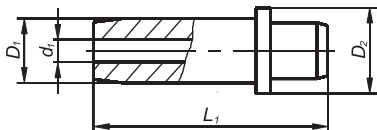
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Mondeo 1.8i 16V 02→ Transit Connect 1.8i 16V 00→ Focus C Max 1.8i 16V 04→ Eng. Duratec HE-CSDA/B, QQDA, QQDB 1796ccm 85/92kw(115/125PS)	83	IN	V1363	1S7G6507DG 1119205 1324691	32,5x5,5x103,4	45	1	VV396	LFY1-10-281	5,5x11,06x39	G A
	4										
		EX	V1364	1S7G6507DF 1119204 1324690	28x5,5x104,6	45	1	VV396	LFY1-10-281	5,5x11,06x39	G A
Focus ST 2.5i Turbo 05→ Eng. B 5254 T3	83 5	IN	V763		31x7x104,1	45	3	VV324 VV324N		7x11,99x45 +0,05	G F
Mondeo 2.5i 20V 07→ Eng. B 5254 T3 2521ccm 162kw(220PS)		EX	V764		27x7x103,3	45	3	VV324 VV324N		7x11,99x45 +0,05	G F
Ford Focus 2.0 ST170 16V 02-04 Eng. ALDA 1988ccm	84,8 4	IN	V1889	1143059	33,5x6x102,85	45	3				
		EX	V1890	1143057	28x6x102,35	45	3				
Escort XR3i/RS2000 2.0i 16V 90→ Scorpio 2.0i 16V 95→ Eng. DH20 DOHC 1998ccm 110kw(150PS)	86 4	IN	V923	95XM6507AC 7076363	33,5x7x112	45	3				
Scorpio 2.3i 16V 96→ Galaxy 2.3i 16V 97→ Transit 2.3i 16V 99→ Eng. DH23 DOHC 2295ccm 107kw(145PS)	89,6 4	EX	V924	91XM6505AB 6576229	30x7x111,6	45	3				
Sierra 2.0i 89-94 Granada 2.0i 89-95 Scorpio 2.0i 94→ Galaxy 2.0i 95→ Transit 80/100/120/130/190 2.0i 94→ Eng. DL20 EFi, N9A/C/D 1988ccm 77/85/100kw(105/115/136PS)	86 4	IN	V791	88WM6507BA 95WM6507AA 7078139	42,6x7x108,5	45	3	VV177	6 172 956	7x13,55x43	G F
		EX	V792	88WM6505EA 95WM6505AA 7078136	38x7x108,9	45	3	VV177	6 172 956	7x13,55x43	G F
Granada 1.8GL 85→ Scorpio 1.8 CL/GL 85→ Sierra 1.8 L/GL/Ghia 84→ Eng. REB/C/D-OHC 1796ccm 66kw(90PS)	86,2 4	IN	V865	85HM6507FA 85HM6507GA 85HM6507HA	42x8x112,3 +0,2d +0,4d	45	3	VV197		8x12,75x53,3	G F
		EX	V866 V866.1 V866.2	85HM6505AA 85HM6505BA 85HM6505CA	34,2x8x111,7 +0,2d +0,4d	45	3	VV198		8x12,75x53,3	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											
Taunus 1.6 70→79 Escort 1.6 75→79 Capri 1.6 70→ Cortina , Pinto 1.6 70→79 Granada 1.6 81→ Sierra 1.6 82→ Transit 100/120/130/190 78→79 Eng. LAR, LAT, LCE, LCJ, LCN 1593ccm 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	VV197 VV198		8x12,75x53,3 8x12,75x53,3	G F G F
New Focus 2.0 16V 04→ Mondeo 2.0 16V 04→ Focus C Max 2.0 16V 04→ Eng. CJB, CJB, AODA, Duratec HE SFi 1999ccm 107kw(146PS)	87,5 4	IN EX	V1495 V1496	1124378 1124377	35x5,5x103,4 30x5,5x104,6	45	1	VV396 VV396	LFY1-10-281 LFY1-10-281	5,5x11,06x39 5,5x11,06x39	G A G A
Galaxy 2.3 16V 06→ Maverick 2.3 16V 01→ Eng. G7, AOWA 2300ccm 110/118kw(150/160PS)											
Sierra 2.0 RS Turbo 16V 88→ Eng. N5B, Cosworth 1993ccm 150kw(204PS)	90,8 4	IN EX	V1081 V1082		35x7x105,6 31x8x105,5	45	1	VV539 VV540		7x13,06x43 8x13,06x43	B F B F
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 EX	V773 V773.1 V773.2 V774 V774.1 V774.2	70HM6507DC 70HM6507DD 70HM6507ED 70HM6507FD 70HM6505DE 78HM6505CA 70HM6505EE 70HM6505FE	42x8x111,2 +0,2d +0,4d 36x8x110,6 +0,2d +0,4d	45	3	VV199 VV200		8x12,75x60,3 8x12,75x60,3	G F G F
Sierra 2.0 L/GL 84→ Scorpio 2.0/2.0i CL/GL 85→ Eng. TL20H 1993ccm 57/85kw(78/115PS)											
Transit FT 100 78→ Eng. TL20 LOHC 1993ccm 64kw(87PS)											

											
	CYL. Ø 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											
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	01→ 02→	73,7 4	IN	V1205	1145933 1152191	32,8x5,5x97,3	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
			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 4	IN	V2015	1685847 AV6Q6507AA	30,1x5,5x95,5	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
			EX	V2016	1685845 AV6Q6505AA	27,4x5,5x95,5	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
NEW											
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	04→ 04→	75 4	IN	V1493	1229882	25,6x5,5x96,4	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
			EX	V1494	1229883	23,4x5,5x96,6	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
	04→ 04→										
C-Max 1.6 TDCi Fiesta 1.6 TDCi Focus 1.6 TDCi S-Max 1.6 TDCi Eng. T1DA, T1DB, T3DB Eng. TJZA, TJZB, TJWB 1560ccm	10→	75 4	IN	V2015	1685847 AV6Q6507AA	30,1x5,5x95,5	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
			EX	V2016	1685845 AV6Q6505AA	27,4x5,5x95,5	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
NEW											

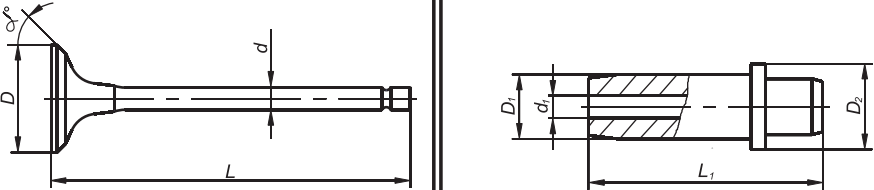
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3		4	5	6	7	8		9	10	11	12
FORD DIESEL													
Galaxy 1.9 TDI Eng. 1Z, AFN Turbo 1896ccm 66kw(90PS)	95→ 79,5 4	IN	V821	028 109 601H 1669766	36x8x96,8	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	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	028 109 601D 1079769	36x7x96,9	45	3	VV151 VV151N VV151.1	1037143	7x12,07x36,5 +0,05 +0,15	B G		
		EX	V812	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		
		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		
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. 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		
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→												

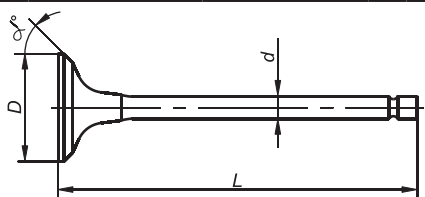
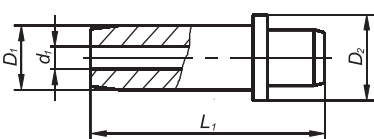
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3		4	5	6	7	8		9	10	11	12
FORD DIESEL													
Focus 2.0 TDCi 16V 04→ C-Max 2.0 TDCi 16V 03→07 Eng. G6DA, G6DB Duratorq 1997ccm 100kw(136PS)	85 4	IN	V1313	1231931 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	1231930 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 04→ Focus C Max 2.0 TDCi 03→ Eng. G6DA/B 1997ccm 100kw(136PS)	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 06→ 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	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 NEW	85 4	IN	V2051	1683701 9M5Q6705AA	27,25x6x104,5	45	3						
		EX	V1180	1675716	25x6x105	45	3						
S-Max 2.2 TDCi 16V 08→ Mondeo 2.2 TDCi 16V 08→ Eng. Q4AB 2179ccm	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 08→ Mondeo IV 2.2 TDCi 08→ Eng. Q4BA 2179ccm 129kw(175PS)	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		

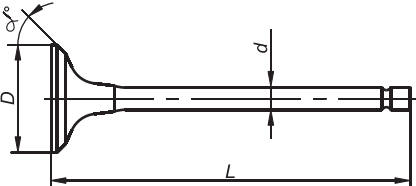
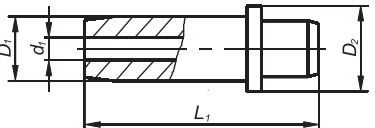
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FORD DIESEL											
Econovan 2.0 Eng. RF Mazda 1998ccm 41kw(56PS)	85→ 4	IN EX	V1023 V1024	RF01-12-111 RF01-12-121	41x8x107 36x8x106,8	45 45	1 1	VV279 VV280	011 10 280 011 10 290	8x14,04x40,5 8x14,04x37,7	G A1 G A16
Transit 2.0 TD Eng. D3FA Transit 2.0 TDI Eng. F3FA Turbo 1998ccm 55/66kw(75/90PS)	00→ 00→	IN EX	V1065 V1066	1121333 1121332	29,7x7x122,2 25,8x7x122,2	60 45	3 3	VV525 VV525N VV525 VV525N	XSQ6510AC XSQ6510AC	7x12,06x51,5 +0,05 7x12,06x51,5 +0,05	G A G A
Transit 2.0 DI Eng. ABFA/ABFB Duratorg 1998ccm 74kw(100PS)	00→										
Mondeo 2.0 DI 16V Eng. D6BA, FMBA, HJBA Duratorg DI Eng. HJBB, HJBC, Duratorg DI 1998ccm 66/85kw(90/116PS)	00→										
Mondeo 2.0 TDCi 16V Eng. D5BA Mondeo 2.2 TDCi 16V Eng. QJBA Transit 280/300/330/350 2.0 TDi 1998/2198ccm	04→ 04→										
Transit 2.2 TDCi 16V Eng. CYFB, DRFB 2198ccm	86 4	IN EX	V1065 V1066	1738494 1217148 1706990 BK2Q6505BB	29,7x7x122,2 25,8x7x122,2	60 45	3 3	VV525 VV525N VV525 VV525N	XSQ6510AC XSQ6510AC	7x12,06x51,5 +0,05 7x12,06x51,5 +0,05	G A G A
Nuovo Transit 2.4 TD Eng. DT24N Duratorq – F4FA 2402ccm 55kw(75PS)	99→ 55kw(75PS)	IN EX	V1361 V1362	YCIQ6507A2B 1096250 YCIQ6505A2B 1096248	31,3x7x122,2 27,8x7x122,2	60 45	3 3	VV525 VV525N VV525 VV525N	XSQ6510AC XSQ6510AC	7x12,06x51,5 +0,05 7x12,06x51,5 +0,05	G A G A
Nuovo Transit 2.4 TD Eng. DT24HIP Duratorq – F2FA 2402ccm 66/88kw(90/120PS)	99→ 66/88kw(90/120PS)										
Transit 2.4 TDCi 16V Eng. PHFA, PHFC 2402ccm	89,9 4	IN EX	V1065 V1066	1121333 1121331 1121332	29,7x7x122,2 25,8x7x122,2	60 45	3 3	VV525 VV525N VV525 VV525N	XSQ6510AC XSQ6510AC	7x12,06x51,5 +0,05 7x12,06x51,5 +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
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 16V 06→ Everest 2.5 TDI 16V Eng. WLAA 2499ccm NEW	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
		EX	V790	894F6505A1B	36,3x9x123,9	45	3	VV175	844 F6510 CA	9x14,75x56,5	G
								VV175N		+0,05	A1
Sierra 2.3 D/LD/GLD 82→ Granada 2.3 D/LD/GLD/Turnier 82→ Scorpio 2.3 D/LD/GLD/Turnier 82→ Eng. LXD2, LXD2P, YTR, YTT 2304ccm 49kw(67PS)	94 4	IN	V785	83EM 6507 AA	40,4x8,5x116,2	60	1	VV219	0220.16	8,5x14,05x55	G
								VV219.1		+0,05	A
								VV219.2		+0,10	
								VV219.3	0220.19	+0,20	
		EX	V786	78EM 6505 AA	33,4x8,5x116,2	45	1	VV219	0220.16	8,5x14,05x55	G
								VV219.1		+0,05	A
								VV219.2		+0,10	
								VV219 3	0220.19	+0,20	

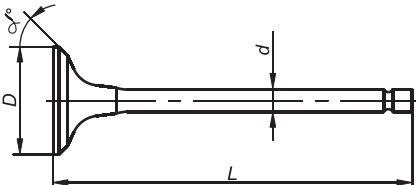
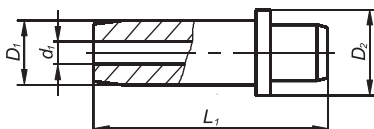
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FORD DIESEL											
Sierra 2.5 D 82→	94	IN	V793	83EM 6507 BB	42,5x8,5x116	45	1	VV219	0220.16	8,5x14,05x55	G
Granada 2.5 LD/GLD 82-89	4			93500418				VV219.1		+0,05	A
Scorpio 2.5 D 82-89								VV219.2		+0,10	
Eng. XD3/XD3P								VV219.3	0220.19	+0,20	
2498ccm 51kw(69PS)		EX	V794	83EM 6505 AB	35,5x8,5x116,3	45	1	VV219	0220.16	8,5x14,05x55	G
Scorpio 2.5 TD 90→				93500889				VV219.1		+0,05	A
Granada 2.5 TD 88→								VV219.2		+0,10	
Eng. XD3T Turbo								VV219.3	0220.19	+0,20	
2498ccm 68/81kw(92/110PS)											
Ranger 2.5 TDi 99→	93	IN	V1515	3595890	32,7x7x112	45	1	VV465	WLY1-10-280	7x12,06x46	G
Eng. WL/WL-T	4										P1
2499ccm 57/80kw(78/109PS)		EX	V1516	3595885	35,6x7x111,8	45	1	VV465	WLY1-10-280	7x12,06x46	G
											P1
Maverick 2.7 TD 93-96	96	IN	V1343	13201-43G01	43,5x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
Eng. TD 27T Euro 2	4										A36
2664ccm 74/92kw(101/125PS)		EX	V1344	13202-31N01	38x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
											A36
FORD TRACTOR											
Tractor 2000/2310 65→	106,68	IN	V1255	C5NE 6507 A	45,8x9,5x145,9	45	8				
2600/2810	3										
Eng. 2502 E		EX	V1256	C5NE 6505 A	38,4x9,5x145,9	45	10				
2589ccm 25/30kw(34/41PS)											
Tractor 3000 65-81	106,698										
Eng. ND	3										
2870ccm 32/35kw(44/47PS)											
Eng. RD	4										
3815ccm 46/50kw(62/68PS)											
Eng. 2504E	3										
2870ccm 35kw(47PS)											

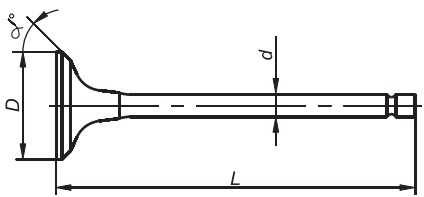
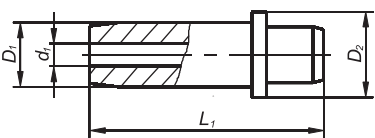
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
FORD TRACTOR											
Cargo 1320	82-99	125	IN	V313		53,6x10x165	45 1	VV17 VV17N		10x16,03x95 +0,05	G A1
Cargo 1520	82-86		IN	V571		53,6x10x165	45 4	VV17.1 VV17.2		+0,25 +0,50	
Cargo 1620	82-99										
Cargo 2220	82-84		EX	V314		46,6x10x165,3	45 1	VV18 VV18N		10x16,03x83 +0,05	G A1
Cargo 2420	82-99		EX	V572		46,6x10x165,3	45 4	VV18.1 VV18.2		+0,25 +0,50	
Cargo 2820	84-87										
Cargo 3020	82-99										
Cargo 3220	82-99										
Eng. F6L 413 FZ 9572ccm	150kw(204PS)										
Cargo 1317	82→	125	IN	V313		53,6x10x165	45 1	VV17 VV17N		10x16,03x95 +0,05	G A1
Cargo 1517	82→		IN	V571		53,6x10x165	45 4	VV17.1 VV17.2		+0,25 +0,50	
Cargo 1617	82-99										
Cargo 2817	82→		EX	V314		46,6x10x165,3	45 1	VV18 VV18N		10x16,03x83 +0,05	G A1
Eng. F6L 413 F 9572ccm	104/188kw(141/256PS)		EX	V572		46,6x10x165,3	45 4	VV18.1 VV18.2		+0,25 +0,50	
FSO/DAEWOO											
FSO 1500		75	IN	V05	4207966	35x8x110	45 11				
1481ccm	52kw(75PS)	4			4127674						
			EX	V06	4207968	31,5x8x104,6	45 11				
					4127675						
Polonez 1.4 Rover	94→	75	IN	V1329	LGH10029	27,7x6x89,6	45 1	VV269 VV269N	WAM 1452	6x9,85x30 +0,05	G A
Eng. 14K4D, 14K4F		4			GH10029						
1396ccm	66/70kw(90/95PS)		EX	V1330	LGH10028	24,2x6x90	45 1	VV269 VV269N	WAM 1452	6x9,85x30 +0,05	G A
					GH10028						

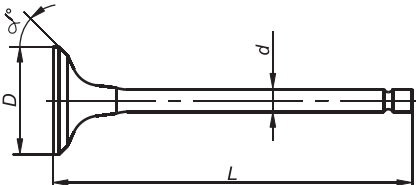
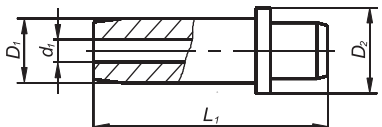
														
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE			
1	2	3	4	5	6	7	8	9	10	11	12			
FSO/DAEWOO DIESEL														
Polonez 1.9 D Eng. X4D9 1905ccm 48kw(65PS)	96→	83 4	IN	V721	93510415 LGH10051 0948.63	38,5x8x112,4	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		
			EX	V502	3-90572	70x18x257,5	60	12	VV79		18x47/30,05x156	G		
XVI JV 170/240 641-100 641-200	70-72										G			
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	V1069	12575793	35,1x6x102,3	45	3	VV461 VV461N		6x10,04x36 +0,05	G A		
			EX	V1070	24454518	30,1x6x100,9	45	3	VV461 VV461N		6x10,04x36 +0,05	G A		
G.M.C. (U.S.A. DETROIT DIESEL)														
Eng. 3.53 Eng. 4.53 series 53		3	EX	V548	5125917	27,8x6,3x141	60	5						
		4			5199323									
		6			5197176									
		8			5106136									

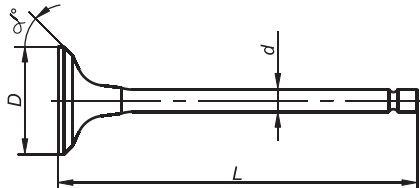
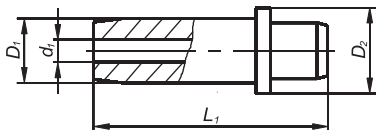
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
G.M.C. (U.S.A. DETROIT DIESEL)											
Eng. 6.71 series 71	3	EX	V417	5195167	30x8x140,5	60	5				
	3			5114288							
	4			8022516							
	6			5111336							
	6V			23500501							
	8V			5142777							
Eng. 92 Series (12V-92TA)	6V	EX	V462	5106136	35x8x140,5	60	5				
	8V			5149771							
	12V			5148489							
	16V			5149042							
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				
HANOMAG											
Eng. 615.910 2197ccm	71-74 44kw(60PS)	87 4	IN	V857	38,8x10x131,5 +1,0S	60	17	VV117		10x14,03x60 +0,05 +0,20	G A1
				V857N3				VV117.1 VV117.2			
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)										

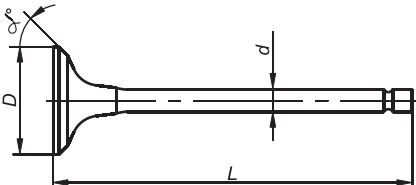
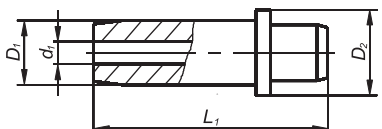
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
HANOMAG											
Eng. OM 352.917 5675ccm	71-74 93kw(126PS)	87 6	IN	V931 V505N3	44x9x140,5 +1,0S	45	5	VV52 VV52.1 VV52.2		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

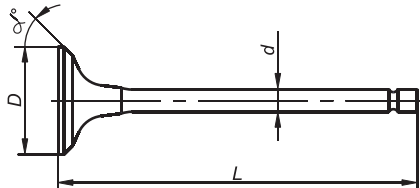
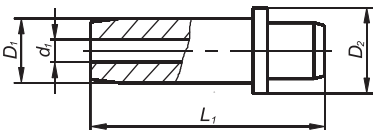
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
HANOMAG												
Eng. 403.906 15960ccm	69-72 184kw(250PS)	125 10	IN	V298* * Retainer	403 053 0901 s.e. 7,5 mm	59x12x142,5	60	5	VV27 VV27N VV27.1 VV27.2	422 053 0430	12x18,03x67 +0,05 +0,20 +0,40	G F
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 0226 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 Commer 2500 PA Van Hillman Minx Hillman Super Minx Humber Suptre Mk. II Singer Gazelle Singer Vogue Mk. I/II Sunbeam Alpine Series II Sunbeam Rapier Series IIIa 1592ccm	61-65 61-65 61-65 61-65 61-65 61-65 61-65 61-65 61-65 61-65 46kw(62PS)	81,535 4	IN EX	V557 V558	1218394 1218383	36,4x8x118,4 29,8x8x118,4	45	1 1				

	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 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			

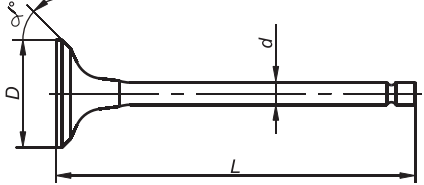
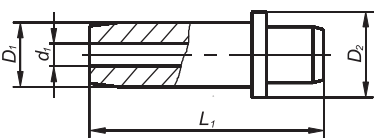
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
HILLMAN												
Hillman Hunter	66-72	IN EX	V813 V814	1235104	38,2x7,9x118,4	45	1					
Humber Spectre	66-72											
Singer Gazelle/Vogue	66-72				1235105	30,6x7,9x118,4	45					1
Sunbeam Alpine/Riper	66-72				1240265							
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	14711-PWA-000	32x5,5x118,3	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
Eng. L12A1												
1246ccm				V1718	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	14711-RB0-000	28x5,5x118,9	45	1				
Jazz III 1.4i 16V				V2060	14721-RB0-000	23x5,5x117,6	45	1				
Eng. L13Z1												
1339ccm												
NEW												
Civic 1.4 16V	97→	75 4	IN EX	V1497	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	66kw(90PS)			V1498	14721-P07-000	23,4x5,5x117,5	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
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	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→											
Eng. D15Z3				V1498	14721-P07-000	23,4x5,5x117,5	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P
1493ccm	69/84kw(94/114PS)											

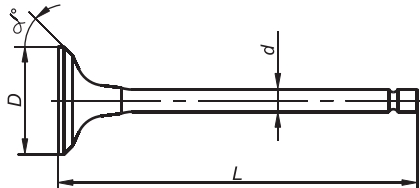
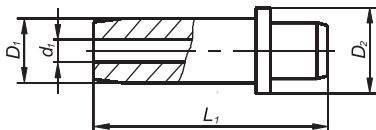
	CYL. Ø Nº	IN EX										
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1	2	3	4	5	6	7	8	9	10	11	12	
HONDA												
City 1.3i SES Fit Aria 1.3i Jaaz II 1.4 1339ccm	03-05 01-04 02-08 61kw(82PS)	73 4	IN EX	V1529 V1530	14711-PM3-000 14721-PM3-000	29x5,5x115 24,9x5,5x118,7	45 45	1 1	VV347 VV347N 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→ 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→ 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 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→ 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 81/90/96kw(110/122/130PS)											

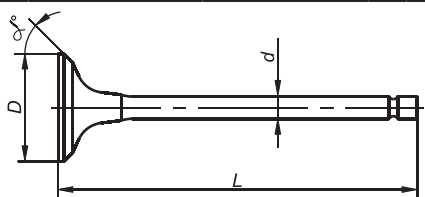
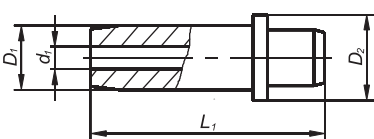
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
HONDA											
Logo 1.3i 16V Eng. D13B7 1343ccm	99→02	75 4	IN	V1503 14711-P08-000 14711-P2A-000	30x5,5x118,7	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
Civic 1.4i 16V Eng. D14 E1/Z2 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→	75 4									
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-PR3000	33x5,5x102,3	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
			EX	V1642 14721-PR3000	27,9x5,5x102,3	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P

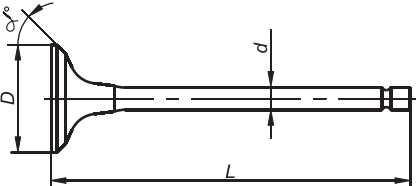
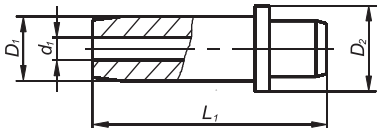
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
HONDA												
Civic 1.8i 16V V-TEC FR-V 1.8i 16V V-TEC Eng. R18A1/A2 1799ccm 103kw(140PS)	06→ 05→	81 4	IN EX	V1682 V1504	14711-RNA-000 14721-P2A-000	32x5,5x116,7 26x5,5x116	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
CR-V 2.0i 16V V-TEC FR-V 2.0i 16V V-TEC Eng. K20A4 1997ccm 110kw(150PS)	02→ 05→											
Accord VII 2.0i 16V Eng. 20A3 1997ccm NEW	08→	81 4	IN EX	V2061 V2062	14711-R60-U00 14721-P2A-U00	33x5,5x117,9 26x5,5x115,9	45 45	1 1				
CR-V 2.0i 16V Eng. B20B 1973ccm 103kw(140PS)	95→	84 4	IN EX	V1891 V1892	14711-P75A00 14721-P75A00	31x6,6x105,6 28x6,6x106	45 45	1 1	VV499 VV500	12204-PM7-305 12205-PM7-305	6,6x12,1x45 6,6x12,1x50	G F G F
Accord 1.8i 16V Eng. F18B2 1850ccm 100kw(136PS)	98-02	85 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
Accord 2.0i 16V Eng. F20B6 1997ccm 108kw(147PS)	98-02											
Accord 2.2i V-TEC 16V Eng. F22Z2 2156ccm 110kw(150PS)	96-98											
Shuttle 2.3i 16V Eng. F23A7 2254ccm 110kw(150PS)	97-02											
Accord VII 1.8i 16V Accord VII Hatchback 1.8i 16V Eng. F18 B2 1850ccm 100kw(136PS)	98-02 99-02	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

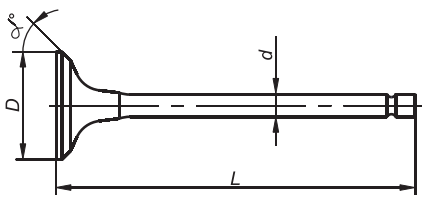
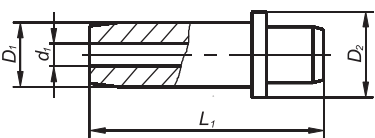
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
HONDA											
Accord V 2.0i S 16V 93→96 Accord VI 2.0i LS 16V 96→98 Eng. F20 Z1 1996ccm 96kw(131PS)	85 4	IN	V1529	14711-PM3-000	29x5,5x115	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
Accord VII 2.0i 98→01 Accord VII Hatchback 2.0 99→02 Accord VII Coupe 2.0i 16V 98→03 Eng. F20 B5, F20 B6 1997ccm 108kw(147PS)		EX	V1530	14721-PM3-000	24,9x5,5x118,7	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P
Accord 1.8i 16V 93→ Eng. F18 A3 1850ccm 85/100kw(116/136PS)	85 4	IN	V1435	14711-PT3-A00	34x5,5x112,1	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	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)		EX	V1436	14721-PT3-A00 14721-PT6-A00	29x5,5x123,5	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P
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	V1501	14711-P13-000	35x5,5x106,7	45	1	VV463 VV463N	12204-P13-305	5,5x12,11x43,5 +0,05	G F
		EX	V1502	14721-P13-000	30x5,5x106,9	45	1	VV464 VV464N	12205-P13-305	5,5x12,11x52 +0,05	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	V1499	14711-P0A-000 14711-PDA-E00	34x5,5x116	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
Accord 2.3i 16V 98→ Shuttle 2.3i 16V 98→ Eng. F23A7 2254ccm 118kw(160PS)		EX	V1500	14721-P0A-000 14721-PDA-E00	29x5,5x114,2	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P

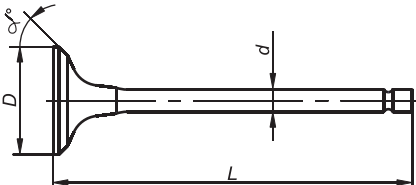
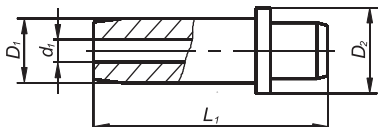
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
HONDA											
Accord 2.0 16V V-Tec 03→ Civic 2.0 16V 01→ CR-V 2.0 16V V-Tec 02→ FR-V 2.0 16V V-Tec 05→ Integra 2.0 16V 02→ Stream 2.0 16V V-Tec 03→ Eng. K20A/A1/A2/A3/A4/A9 1996ccm 110/115/118/147kw		86 4	IN	V1665	14711-PNA-000	35x5,5x109,1	45 1	VV349	12204-PNA-305	5,5x11,11x41,5	G P
Accord 2.4 16V 03→ Eng. K24A 2400ccm 140kw(190PS)			EX	V1666	14721-PNA-000	29,9x5,5x108,5	45 1	VV350	12205-PNA-305	5,5x11,11x45,5	G P
Accord Type R 2.2 16V 98→ Prelude V-TEC 2.2 16V 93→ Eng. H22 A2/A7 2157ccm 136/156kw(185/212PS)		87 4	IN	V1501	14711-P13-000	35x5,5x106,7	45 1	VV463 VV463N	12204-P13-305	5,5x12,11x43,5 +0,05	G F
			EX	V1502	14721-P13-000	30x5,5x106,9	45 1	VV464 VV464N	12205-P13-305	5,5x12,11x52 +0,05	G F
Legend II 3.2i 24V 91-96 Legend II Coupe 3.2i 24V 91-96 Eng. C3242 3206ccm 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
Legend III 3.5i 24V Eng. C35A2 3474ccm 151kw(205PS)			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 03→ Eng. 4EE-2 1686ccm 74kw(101PS)		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 94→ Eng. XUD7 TE 1769ccm 64/66kw(88/90PS)		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

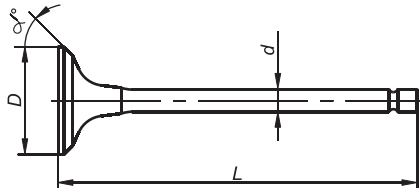
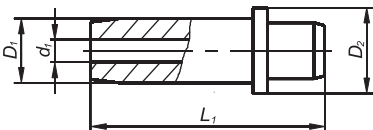
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1	2	3	4	5	6	7	8	9	10	11	12
HONDA DIESEL											
Civic 2.0 TDi 97→ Accord 2.0 TDi 96→ Eng. 20T2 R/N Turbo 1994ccm 63/77kw(86/105PS)	84,4 4	IN EX	V1333 V1334	14711-P5T-G01 14721-P5T-G01	37,2x7x86,7 32,5x7x86,7	45 45	1 1	VV375 VV375	12204-P5T-G00 12204-P5T-G00	7x12,04x28,3 7x12,04x28,3	G A G A
Accord 2.2i DTEC CRV 2.2i DTEC Eng. N22B1, N22B3 2199ccm NEW	08→ 4	IN EX	V2063 V2064	14711-RL0-G00 14721-RL0-G50	27,9x5,5x98,9 26x5,5x98,9	45 45	1 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→ 06→ 02→	87 4 EX	V1719 V1720	14711-RBD-E00 14721-RBD-E00	28,1x5,5x100,7 26x5,5x100,4	45 45	1 1	VV441 VV442	12204-RBD305 12205-RBD305	5,5x11,11x39 5,5x11,11x43	G P G P
HYUNDAI											
Atos 1.0 12V Prime 1.0 12V Eng. G4HC 999ccm 40kw(54PS)	99→ 99→ 40kw(54PS)	66 4 EX	V1509 V1510	22211-02500 22212-02500	23x5,4x100,3 27,1x5,4x100,1	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 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 NEW	11→ 	71 3 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

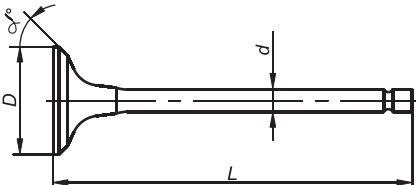
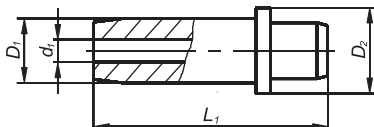
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
HYUNDAI											
Excel, Pony 1.3 Eng. G13B OHC 1299ccm 50kw(67PS)	85→	71 4	IN EX	V1145 V1146	MD-016 460 22211-21010 MD-016 461 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
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										
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			

	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											
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	G F G F
i20 1.4 16V i30 1.4 16V Eng. G4FA 1396ccm 80kw(109PS)	08→ 08→ 80kw(109PS)	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→ 90kw(122PS)										
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
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	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
Elantra 1.8i 16V Matrix 1.8i 16V Eng. G4GB 1798ccm 90/98kw(122/133PS)	00→ 01-04	82 4	IN 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	IN 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

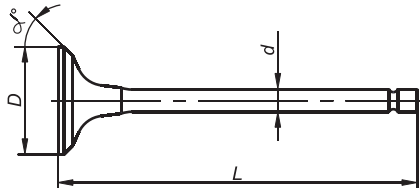
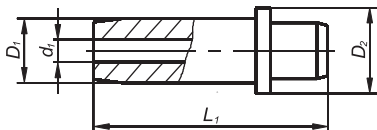
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
HYUNDAI											
Lantra 1.6i 16V Eng. G4DR 1599ccm	77,4 4	IN	V927	22211-33000	34x6,5x109,6	45	1	VV133 VV133N	22114-33010	6,6x12,06x45,5 +0,05	G P
		EX	V928	22212-33000	30,5x6,5x109,6	45	1	VV134 VV134N	22115-33010	6,6x12,06x50,5 +0,05	G P
Elantra 2.0i 16V 03→ Sonata 2.0i 16V 98→ Sonica 2.0i 16V 01→ Trajeto 2.0i 16V 00→ Santa Fe 2.0i 16V Eng. G4JP 1997ccm 81/100kw(110/136PS)	85 4	IN	V927	22211-33000	34x6,5x109,6	45	1	VV133 VV133N	22114-33010	6,6x12,06x45,5 +0,05	G P
		EX	V928	22212-33000	30,5x6,5x109,6	45	1	VV134 VV134N	22115-33010	6,6x12,06x50,5 +0,05	G P
H1, H200, Starex 2.4 16V 97-98 H100, Satellite 2.4 16V 94→ Sonata 2.4 16V 98-99 Eng. G4CS, G4JS 2351ccm 84/90/110kw(114/136/150PS)	86,5 4										
Coupe 2.7 V6 24V 02→ Santa Fe 2.7 V6 24V 04→ Sonata 2.7 V6 24V 00→ Sonica 2.7 V6 24V 01→ Trajeto 2.7 V6 24V 00→ Tucson 2.7 V6 24V 04→ Eng. G6BA 2656ccm 123/125/127/129kw	86 V6	IN	V1657	22211-37201	32x6x96,2	45	1	VV445	22114-23000	6x11,06x39	G P
		EX	V1658	22212-37200	27,5x6x97,3	45	1	VV446	22115-37100	6x11,11x43	G P6
Sonata 2.0 16 VVTi 08→ ix 35 2.0 16V 10→ Eng. G4KD 1998ccm NEW	86 4	IN	V2067	22211-2G000	35x5,5x113,3	45	1				
		EX	V2068	22212-25002	29x5,5x106	45	1				
Tucson 2.7 V6 24V 04→ Eng. G6BA 2656ccm	86,7 V6	IN	V1735	22211-23600	32x6x114,4	45	1	VV423	22114-23901	6x11,11x39	G P
		EX	V1736	22212-23600	27,5x6x116,7	45	1	VV424	22115-23901	6x11,11x44,5	G P6

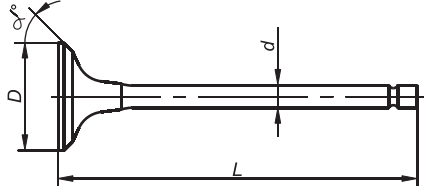
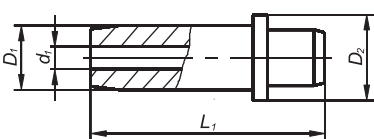
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12		
HYUNDAI DIESEL													
i10 1.1CRDI 12V Eng. D3FA 1120ccm 55kw(75PS)	08→ 55kw(75PS)	75	IN	V1741	22211-2A100	26,1x5,5x93,1	45	3	VV573		5,5x11,03x31,5	G F	
		4	EX	V1742	22212-2A100	21x5,5x93,7	45	3	VV574		5,5x11,03x31,5	G F6	
i20 1.4CRDI 16V ix 20 1.4CRDI 16V ix 30 1.4CRDI 16V Eng. D4FC 1396ccm	08→ 10→ 11→	75											
		4											
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	IN	V1741	22211-2A100	26,1x5,5x93,1	45	3	VV573		5,5x11,03x31,5	G F	
		4											
		EX	V1742	22212-2A100	21x5,5x93,7	45	3	VV574		5,5x11,03x31,5	G F6		
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											
ix 35 1.7 CRDI 16V i 40 1.7 CRDI 16V Eng. D4FD 1685ccm	10→ 11→	77,2	IN	V1741	22211-2A100	26,1x5,5x93,1	45	3	VV573		5,5x11,03x31,5	G F	
		4	EX	V1742	22212-2A100	21x5,5x93,7	45	3	VV574		5,5x11,03x31,5	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	IN	V1395	22211-27000	28,5x6x95,7	45	1	VV389N	22114-27000	6x11,06x36,6	G P	
		3											
		EX	V1396	22212-27000	24,4x6x95,4	45	1	VV389N	22114-27000	6x11,06x36,6	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											

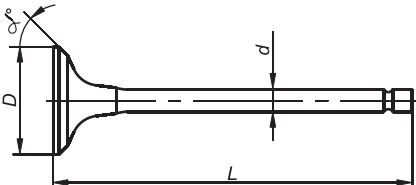
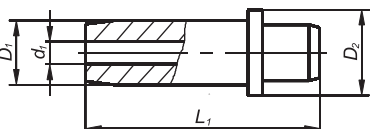
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
HYUNDAI DIESEL												
Elantra 1.9 D Eng. DJY Lantra 1.9 CRDi Eng. XUD9A Peugeot 1905ccm 47-52kw(64-71PS)	95-00 98-00	83 4	IN EX	V721 V721N1 V721N3 V710 V710N1 V710N3	22211-29000 22212-29000	38,5x8x112,4 +0,5S +1,0S 33x8x111,9 +0,5S +1,0S	45 45	1 1	VV186 VV186.1 VV186.2 VV186 VV186.1 VV186.2	0220.75 0220.65 0220.75 0220.65	8x14,06x52 +0,05 +0,20 8x14,06x52 +0,05 +0,20	B A B A
ix 35 2.0 CRDi 16V Santa Fe II 2.0 CRDi 16V Eng. D4HA 1995ccm NEW	10→	84 4	IN EX	V2069 V2070	22211-2F000 22212-2F000 22212-2F010	29x6x108,5 26x6x108,3	45 45	3 3	 	 	 	
Santa Fe II 2.2 CRDi 16V Santa Fe III 2.2 CRDi 16V Eng. D4HB 2199ccm NEW	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 NEW	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) Galoper 2.5 TD H-1 Van 2.5 TD H-100 Bus 2.5 TD Starex 2.5 TD Eng. D4BH, D4BF 2351/2476ccm 59/73kw(80/99PS)	93→ 91→ 97→ 93-00 97→	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

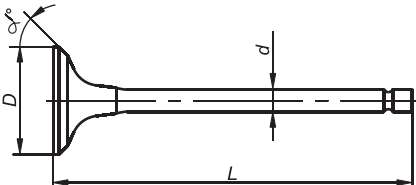
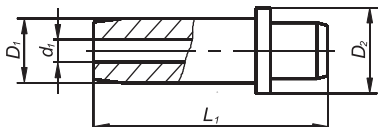
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
HYUNDAI DIESEL												
Galoper 2400 Turbo Eng. 4D55T 2343ccm 49kw(67PS)	94→ 4	91,1 4	IN EX	V943 V944	MD 083 661 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)												
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 Teracan 2.5 TD Eng. D4BH H100 2.5 TD Eng. D4BA, D4BF, D4BX 2476ccm 55/65/73/77kw	91→ 91→ 97→ 98→ 98→ 01→ 91→	91,1 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 2.9 SRDi 2902ccm	01→	97,1 4										
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	7x12,06x52,7 7x12,06x52,7	G F6 G F6
IKARUS												
Eng. D 2356 HMN5 10690ccm 173kw(235PS)		123 6	IN EX	V405 V406	1-04101-0302 1-04101-0303	58x12x148,9 51,9x12x148,5	45 45	1 1	VV19 VV20	1 03201 3019 1 03201 3020	12x20,06x78 12x20,06x69	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

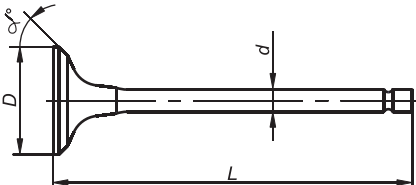
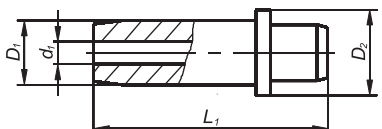
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IKARUS											
Eng. D10 UTS 155E1 Eng. D10 UTS 180E1 Euro 1 10351ccm 133/235kw(181/320PS)	121 6	IN	V420	10 04101 0008 3 04101 0803 10 04101 0001	50x11x166,5	60	1	VV140		11x18,04x71	G F
		EX	V421	10 04101 0009 3 04101 0804 10 04101 0002	48,5x11x166,5	45	1	VV140		11x18,04x71	G F
Eng. D10 UT 150 Turbo Euro 2 10351ccm 133/235kw(181/320PS)	121 6	IN	V1299 V1299N3	10 04101 0004	50x11x166 +1,0S	60	1	VV140		11x18,04x71	G F
		EX	V1300 V1300N3	10 04101 0005	48,5x11x166 +1,0S	45	1	VV140		11x18,04x71	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
ENG. M 34 43kw(58PS)	91,4 4		V07N2 V07N3 V07N4 V07N5		+1,2D +0,8S +1,0S +2,0S			VV03N VV03N7 VV03N1 VV03N6		+0,1 +0,15 +0,20 -0, 03d1	
		EX	V08 V08N V08N1 V08N2 V08N3 V08N4 V08N5	702 731	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	700 257	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
ENG. DM 33 35kw(48PS)	91,4 3		V263N2 V263N3		+0,8S +1,0S						
ENG. DM 34 47kw(64PS)	91,4 4	EX	V264 V264N V264N1 V264N2 V264N3	717 505	33,4x8x114,3 +0,3S +0,5S +0,8S +1,0S	55	1	VV03N6 VV03N9		8x12,73x62 +0,05	G A6

	CYL. Ø Nº	IN EX									
1	2	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
IMR											
ENG. S 44 48/59kw(65/80PS)	98,4 4	IN	V199	701 440	44,3x9,5x122,9	45	1	VV01	701 436	9,5x15,9x58	G F
			V199N		+0,3S			VV01N		+0,05	
			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						
			ENG. S 44A 60kw(82PS)		101 4			EX		V200	
V200N	+0,3S	VV02N		+0,05							
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										
ENG. TS 44 66kw(90PS)	98,4 4	IN		V576		732 917	44,3x9,5x122,8		45	1	VV01
			V199N	+0,3S	VV01N		+0,05				
			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							
			ENG. TS 46 109kw(148PS)	98,4 6	EX		V577	732 916			36,6x9,5x123,3
V200N	+0,3S	VV02N				+0,05					
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										

	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 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)											
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
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
		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
Elba 1.6ie Eng. 146C6.000 1581ccm 58kw(79PS)	91-96 86,4 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
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	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	V734	5 990 533	33,5x8x117	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	
INTERNATIONAL HARVESTER – CASE (CNH)											
Tractor D523-633 Eng. D179 2933ccm 36-38kw(49-52PS) Eng. D206 3382ccm 40-50kw(54-68PS)	65→ 98,425 3 4	IN EX	V1977 V1978	3055055R2 3055056R2 3059459R2	43x10x146 41x10x146	45	1 1	VV541 VV541	3055022R1 3055022R1	10x16,07x79 10x16,07x79	G E G E
Tractor SU 644 HD Eng. D239 3910ccm NEW Tractor 856 XL Eng. TD239 Turbo 3910ccm Tractor 520A-946A Eng. D358 5860ccm Tractor 125E-520B Eng. TD358 Turbo 5860ccm	65→ 72→ 65→ 6 6 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 ENG. 6.354.2 5794ccm ENG. 4212 3475ccm	69→ 69/82kw(94/112PS) 70→72 85kw(115PS) 75→ 44/47kw(60/64PS)	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	
				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	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							
			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 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	
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						
			IN	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	
			IN	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)

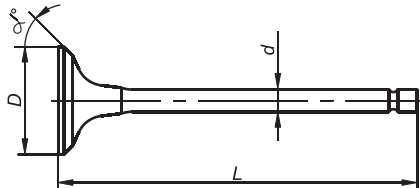
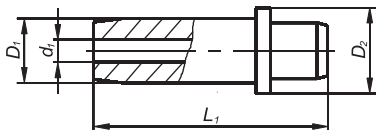
Series 3944 Series 3945 Eng. F 4L 912 D 3770ccm 15/59kw(20/80PS)	73–86	100	IN	V649		43x8x133	45	3	VV04		8x15,04x57,5	G
	73–86	4	IN	V384		43x8x133	45	1	VV04.1		+0,05	A12
				V384N		+0,3S			VV04.2		+0,10	
				V384N1		+0,5S			VV04.3		+0,25	
Series 3960 Series 3961 Eng. F 6L 912 D 5655ccm 42/92kw(57/125PS)	73–86	6	IN	V569		43x8x133	45	3	VV04.4		+0,50	
	73–86		IN	V1048		45x8x133	45	3				
			EX	V570		37x8x133	45	3	VV04		8x15,04x57,5	G
			EX	V385		37x8x133	45	1	VV04.1		+0,05	A12
ENG. D 414/DT 414–Turbo ENG. D 436/DT 414–Turbo ENG. D 466/DT/DT I 466–Turbo	72→	109,2	IN	V529	675 406 C2	50,1x9,5x147	60	8				
	72→	6										
	72→		EX	V530	676 865 C2	40,6x9,5x147	45	8				
ENG. OM 942.967 Euro 2/3 15928ccm 370/380kw(503/516PS)	96→	130	IN	V1043		45,5x9x145	60	5	VV227		9x15,03x61	G
		8		V1043N3		+1,0S			VV227N		+0,05	F
			EX	V1068		17x8x87	45	1	VV227.1		+0,20	
				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
ENG. DTI–817C												
		136,5	IN	V328	682 952 C1	43,3x11x187	60	5				
		6	EX	V329	685 278 C1	43,3x11x187	45	5				

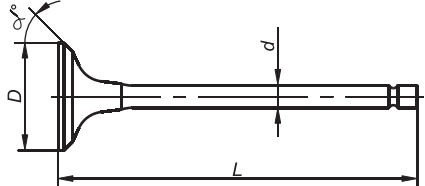
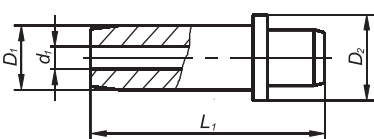
ISUZU

Amigo 2.2i 16V Rodeo 2.2i 16V Eng. Y22E 2198ccm 96kw(131PS)	89→	86	IN	V511	641 022	32x6x102,1	45	3	VV163	4500633	6x10,04x45	G
	88→	4							VV163.1		+0,03	F
			EX	V512	641 325	29x6x92,2	45	3	VV163	4500633	6x10,04x45	G
									VV163.1		+0,03	F
Isuzu 3.2 24V Eng. 6VD1 MPi 3165ccm 130/151kw(177/205PS)	94→	93,4	IN	V1373		34x6x99	45	1				
		V6	EX	V1374		30x6x100,5	45	1				

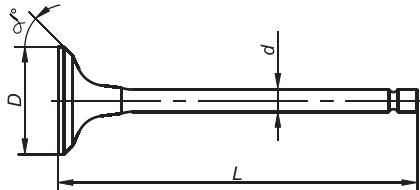
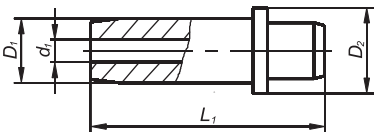
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ISUZU DIESEL												
Schevrolet Spark 1.5 D Gemini JT600 1.5 D/TD Eng. 4EC1, 4EC1T 1488ccm 38kw(52PS)	84→ 85-90	76 4	IN EX	V671 V672	8-94326-843-0 (8-94115-059-2)	34,6x7x104,1 30,6x7x104	45 45	1 1	VV196 VV196.1 VV196N VV196N1 VV196 VV196.1 VV196N VV196N1	642 005 642 005	7x11,55x43 +0,05 +0,10 +0,15 7x11,55x43 +0,05 +0,10 +0,15	G P1 G P1
Gemini 1.7 D Eng. 4EC1, 4EE1 1686ccm 44kw(60PS) Gemini 1.7 TD Geo storm 1.7 TD Impulse 1.7 TD Stylus 1.7 TD Eng. 4EE1 – T Turbo 1686ccm 60/65kw(82/88PS)	90-93 90-93 90-93 90-93 90→	79 4	IN EX	V671 V672	8-94326-843-0 (8-94115-059-2)	34,6x7x104,1 30,6x7x104	45 45	1 1	VV196 VV196.1 VV196N VV196N1 VV196 VV196.1 VV196N VV196N1	642 005 642 005	7x11,55x43 +0,05 +0,10 +0,15 7x11,55x43 +0,05 +0,10 +0,15	G P1 G P1
Trooper 2.8 TD Eng. 4JB1-Turbo 2772ccm 74kw(100PS)	88→	93 4	IN EX	V1191 V1192	9-94464-921-0 9-94433-245-0	40,1x8x118,1 35,7x8x118,1	45 45	1 1	VV323 VV323	5-11721-016-0 5-11721-016-0	8x14,03x50 8x14,03x50	G F G F
Fargo 2.7 TD Eng. TD27 2664ccm 62/92kw(85/125PS)	95→	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
Trooper 3.0 TD Eng. KJX1 3000ccm	01→	4	IN EX	V1895 V1896	8-97137-154-0 8-97137-155-1	33x7x98,2 33x7x98,1	45 45	1 1	 	 	 	
D-max / pick up 3.0 CRDJ DOHC 16V Eng. 4JJ1-TC/4JK1-TC 2999ccm		4	IN EX	V2005 V2006	8-97309-675-1 8-97309-677-1	33x7x107,6 30x7x107,6	45 45	1 1	 	 	 	
NEW												

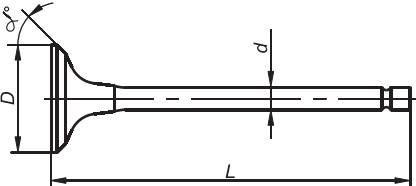
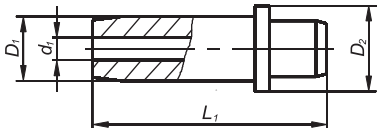
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ISUZU DIESEL												
Trooper 3.2 V6 24V Eng. 6VD1 3165ccm NEW	98→	97	IN	V1649	641049	34x6x103,8	45	1				
		V6	EX	V1650	97131961 641360 97131962	29x6x103,5	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	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
		4	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→	93	IN	V326	7 301 820	41x8x120,7	60	1	VV58	4 726 483	8x13,03x60	G
	86→											
ENG. 8140.27/67 Daily, Ducato 2.5D 2499ccm 62/76kw(84/103PS)	90→	93	EX	V326N3	4 757 358	+1,0S	45	1	VV58.1	4 733 258	+0,03	A
		93	EX	V327	7 301 821	34,4x8x122	45	1	VV58.2	4 733 259	+0,08	G
		93	EX	V327N3	7 302 157	+1,0S	45	1	VV58.3	4 733 259	+0,18	A
		93	EX				45	1	VV58.4	4 733 260	+0,23	G
		93	EX				45	1	VV58	4 726 483	8x13,03x60	G
		93	EX				45	1	VV58.1	4 733 258	+0,03	A
		93	EX				45	1	VV58.2	4 733 259	+0,08	G
		93	EX				45	1	VV58.3	4 733 259	+0,18	A
		93	EX				45	1	VV58.4	4 733 260	+0,23	G

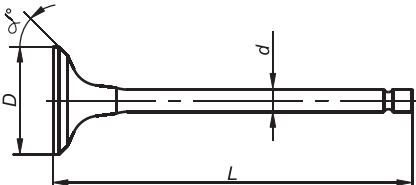
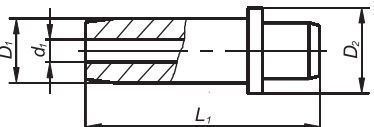
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12		
IVECO													
ENG. 8140.27-Turbo New Daily 2.5TD T.E. 2445ccm 68kw(92PS)	90→	93 4	IN	V470	4 813 760	41x8x122	60	1	VV57	4 749 395	8x13,03x56	G F	
				V470N1		+0,5S			VV57.1	4 749 397	+0,03		
				V470N3		+1,0S			VV57.2	4 749 398	+0,08		
									VV57.3		+0,18		
									VV57.4	4 749 399	+0,23		
		EX		V471	7 303 309	34,5x8x122	45	1	VV57	4 749 395	8x13,03x56	G F	
				V471N1		+0,5S			VV57.1	4 749 397	+0,03		
				V471N3		+1,0S			VV57.2	4 749 398	+0,08		
									VV57.3		+0,18		
									VV57.4	4 749 399	+0,23		
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→ 99→	93 4	IN	V679	98468338	43,5x8x122	60	1	VV57	4 749 395	8x13,03x56	G F	
				V679N3		+1,0S			VV57.1	4 749 397	+0,03		
									VV57.2	4 749 398	+0,08		
									VV57.3		+0,18		
									VV57.4	4 749 399	+0,23		
		EX		V680	98418161	36,5x8x122	45	1	VV57	4 749 395	8x13,03x56	G F	
				V680N3		+1,0S			VV57.1	4 749 397	+0,03		
									VV57.2	4 749 398	+0,08		
									VV57.3		+0,18		
									VV57.4	4 749 399	+0,23		
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) ENG 8140.63 Euro 3 New Daily 2.8 TD No. 2513438→ 2798ccm 62kw(85PS)	96→ 96→ 00→	94,4 4	IN	V326	7 301 820 4 757 358	41x8x120,7	60	1	VV57	4 749 395	8x13,03x56	G F	
				V326N3		+1,0S			VV57.1	4 749 397	+0,03		
									VV57.2	4 749 398	+0,08		
									VV57.3		+0,18		
									VV57.4	4 749 399	+0,23		
		EX		V681	99432837	35,9x8x122	45	1	VV57	4 749 395	8x13,03x56	G F	
				V681N3		+1,0S			VV57.1	4 749 397	+0,03		
									VV57.2	4 749 398	+0,08		
									VV57.3		+0,18		
									VV57.4	4 749 399	+0,23		

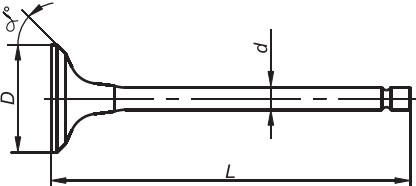
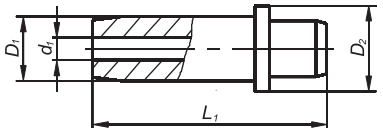
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART N°	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12		
IVECO													
ENG. 803 A/8030.01 616 N2 2340ccm 33kw(45PS)	66-71 3	95 3	IN	V321 V321N V321N1 V321N2 V321N4	4 659 379 1 902 205	43,9x8x125,8 +0,3S +0,5S +1,0S +1,5S	45	1	VV59 VV59.1 VV59.2	4 802 126 4 802 127	8x14,02x56 +0,03 +0,18	G A	
ENG. 804 A/8040.01 616 N2/N4, 625 N2 Orsetto 15 3120ccm 51kw(70PS)	66-71 4	95 4	EX	V322 V322N V322N1 V322N2 V322N4	4 673 608 4 658 055	36,9x8x125,6 +0,3S +0,5S +1,0S +1,5S	45	1	VV59 VV59.1 VV59.2	4 802 126 4 802 127	8x14,02x56 +0,03 +0,18	G A	
ENG. 806 A/8060.01 416 A, 645N1/N2, 650 E1/N1/N2 655N, 662 N1/N2 4678ccm 81kw(110PS)	66-71 6	95 6	IN	V321 V321N V321N1 V321N2 V321N4	4 659 379 1 902 205	43,9x8x125,8 +0,3S +0,5S +1,0S +1,5S	45	1	VV59 VV59.1 VV59.2	4 802 126 4 802 127	8x14,02x56 +0,03 +0,18	G A	
ENG. 8035.02 Tractor 446/450/455/465/ 466/470/474/480/488/500 505/540 2592ccm 46kw(62PS)	72→	95 3	EX	V322 V322N V322N1 V322N2 V322N4	4 673 608 4 658 055	36,9x8x125,6 +0,3S +0,5S +1,0S +1,5S	45	1	VV59 VV59.1 VV59.2	4 802 126 4 802 127	8x14,02x56 +0,03 +0,18	G A	
ENG. 8045.02 Tractor 600/605/640/665/666 670/688 3456ccm 44/60kw(60/82PS)	72-78	95 4		V322N2 V322N4		+1,0S +1,5S			VV379 VV379.1 VV379.2 VV379.3	4 601 299 4 601 300	8x14,03x48,7 +0,05 +0,10 +0,15	G A1	
ENG. 8045.02 Tractor 980/1000/1180 5187ccm 70/90kw(95/122PS)	72→	95 6											
ENG. 8045.04 Tractor 766/780/788 3666ccm 58kw(78PS)	78→	95 4											
ENG. 8030.02 616 N3 2592ccm 46kw(62PS)	70-73	100 3											

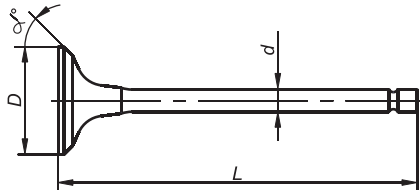
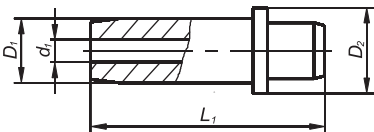
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IVECO											
ENG. 8040.02 40/35 NC, 50 A1/NC, 55NC, 65PC 616/625 N3, Orsetto, OM 40/35, OM 616 3456ccm 60kw(82PS)	70-72 4	100 IN	V321	4 659 379	43,9x8x125,8	45	1	VV59	4 802 126	8x14,02x56	G
				1 902 205				VV59.1		+0,03	A
			V321N		+0,3S			VV59.2	4 802 127	+0,18	
			V321N1		+0,5S						
ENG. 8060.02 645/650/655/662 N3, 80/90 NC, 90 PC 4x4, 110, 110PT 5184ccm 90kw(122PS)	70-72 6	100 EX	V322	4 673 608	36,9x8x125,6	45	1	VV59	4 802 126	8x14,02x56	G
				4 658 055				VV59.1		+0,03	A
			V322N		+0,3S			VV59.2	4 802 127	+0,18	
			V322N1		+0,5S						
ENG. 8035.04 Tractor 505/566/570/580/588 2748ccm 40/43kw(55/58PS)	78→ 3	103 IN	V322N2		+1,0S			VV379	4 601 299	8x14,03x48,7	G
			V322N4		+1,5S			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→ 4	103 IN	V321	4 659 379	43,9x8x125,8	45	1	VV59	4 802 126	8x14,02x56	G
				1 902 205				VV59.1		+0,03	A
			V321N		+0,3S			VV59.2	4 802 127	+0,18	
			V321N1		+0,5S						
ENG. 8065.04 Tractor 1000/1000DT/1180 Tractor 1180DT 5496ccm 60/85kw(82/115PS)	78→ 6	103 EX	V321N2		+1,0S			VV379	4 601 299	8x14,03x48,7	G
			V321N4		+1,5S			VV379.1		+0,05	A1
			V322	4 673 608	36,9x8x125,6	45	1	VV59	4 802 126	8x14,02x56	G
				4 658 055				VV59.1		+0,03	A
ENG. 8060.04.060 Series 79/80/90/95/100/109 Series 110/115/120/135/315 Series 316 5499ccm 96kw(130PS)	80→ 6	103 IN	V322N		+0,3S			VV59.2	4 802 127	+0,18	
			V322N1		+0,5S						
			V322N2		+1,0S			VV379	4 601 299	8x14,03x48,7	G
			V322N4		+1,5S			VV379.1		+0,05	A1
ENG. 8065.04 Tractor 1000/1000DT/1180 Tractor 1180DT 5496ccm 60/85kw(82/115PS)	78→ 6	103 EX						VV379.2		+0,10	
								VV379.3	4 601 300	+0,15	
			V322	4 673 608	36,9x8x125,6	45	1	VV59	4 802 126	8x14,02x56	G
				4 658 055				VV59.1		+0,03	A
ENG. 8060.04.060 Series 79/80/90/95/100/109 Series 110/115/120/135/315 Series 316 5499ccm 96kw(130PS)	80→ 6	103 EX	V322N		+0,3S			VV59.2	4 802 127	+0,18	
			V322N1		+0,5S						
			V322N2		+1,0S			VV379	4 601 299	8x14,03x48,7	G
			V322N4		+1,5S			VV379.1		+0,05	A1
Daily 3.0 Unijet 16V Eng. F1CE0481A 2998ccm	04→ 4	95,8 IN	V1697	504072531	32,4x6x119,9	60	3	VV335	504053804	6x10,04x49	G
								VV335.1		+0,03	A
								VV335.2		+0,23	
			V1698	504081062	32,4x6x119,9	60	3	VV335	504053804	6x10,04x49	G
Daily 3.0 Unijet 16V Eng. F1CE0481A 2998ccm	04→ 4	95,8 EX						VV335.1		+0,03	A
								VV335.2		+0,23	

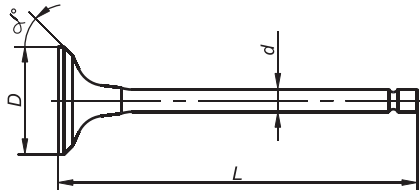
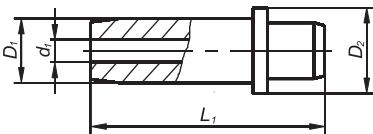
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
IVECO												
ENG. F4AE681A/E 24V Euro Cargo Tector 60/65 E13 75 E13, E15, E17 89/90/100 E17 Eng. F4AE 0481 3920ccm	00→	102	IN	V1297	4 895 052	33x7x124,7	60	1	VV311		7x12,07x50,5	G
		4		V1297N1 V1297N2 V1297N5		+0,5S +0,8S +0,2d					B	
			EX	V1298	4 895 051	33x7x124,3	45	1	VV311		7x12,07x50,5	G
				V1298N1 V1298N2 V1298N5		+0,5S +0,8S +0,2d					B	
Eurocargo 75/80/90/100 E18 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)	00→	102	IN	V1297	4 895 052	33x7x124,7	60	1	VV311		7x12,07x50,5	G
		6		V1297N1 V1297N2 V1297N5		+0,5S +0,8S +0,2d					B	
			EX	V1298	4 895 051	33x7x124,3	45	1	VV311		7x12,07x50,5	G
				V1298N1 V1298N2 V1298N5		+0,5S +0,8S +0,2d					B	
ENG. 8040.05 40 NC, 50.8, 50.9, Zeta, 50NC, 55.8, 55 NC 60.8, 65.9 Zeta, 65PC 3908ccm	87→	104	IN	V447	99432652 98435622 4 784 888	45,5x8x125,7	60	1	VV59 VV59.1 VV59.2	4 802 126 4 802 127	8x14,02x56 +0,03 +0,18	G A
		4		V447N1 V447N2		+0,5S +0,8S						
ENG. 8040.25.200/1/2/3 60.11/65.12 Turbo Zeta Eurocargo 79.12 Turbo Zeta 3908ccm	87→		EX	V448	99432717 99432718 4 784 889	37,5x8x125,7	45	1	VV59 VV59.1 VV59.2	4 802 126 4 802 127	8x14,02x56 +0,03 +0,18	G A
				V448N1 V448N2		+0,5S +0,8S						
ENG. 8040.25 B 4200/4220 60E10, 65E10, 65E12, 75E12 Eurocargo 65E12K Eurocargo 3908ccm	87→ 91→											

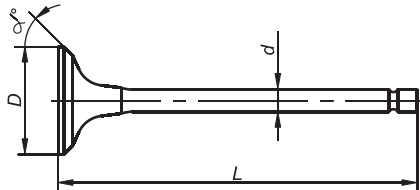
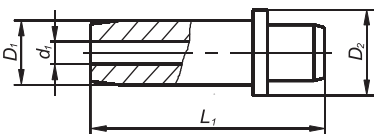
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IVECO											
ENG. 8040.25X.4000/8040.25.4990 60E12, 65E12, 65E12H, 75E12 Eurocargo 712, 912 Cargo India 3908ccm	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→	104 6									
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→										

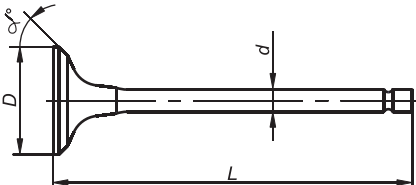
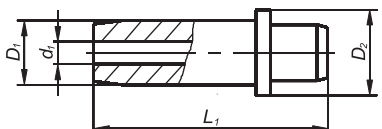
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
IVECO												
ENG. 8060.45S Turbo Euro-Cargo 120/130/150 E23 135/280 E23 T/W 170 E27 5861ccm 167kw(227PS)	90→ 01→	104 6	IN IN EX EX	V1535 V2161 V1536 V2162	98497235 99433902	46x9x141,2 46x9x141	60 1 60 1 45 1 45 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	V228	8 823 545 8 823 548	42,9x8x137,7	45 1	VV60 VV60.1 VV60.2	4 758 795 4 758 796 4 758 797	8x14,04x55 +0,15 +0,35	G F	
ENG. CP3 130 NC, 673 N/NR/T, OM 100/120/130 7410ccm 114kw(155PS)	68→	110 6	EX	V229	8 823 549 8 823 544	36,4x8x137,8	45 1	VV61 VV61.1 VV61.2	4 758 799 (8 823 263) 4 758 800 4 758 801	8x14,04x62 +0,15 +0,35	G A	
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	IN EX	V1695 V1696	98448462 98497241 99438924 1908427	47x9x142 42,5x9x142,3	65 1 45 1	VV469 VV469N VV470 VV470N	4861816 4861811	9x16,04x62 +0,05 9x16,06x57 +0,05	G A G F	
ENG. 8340.04 Series 50/55/60/65/70 Series 79 4570ccm 67kw(90PS)	77-87	115 4	IN	V225 V225N1	8 824 754 4 821 710 +0,5S	48,4x8x137,7	45 1	VV60 VV60.1 VV60.2	4 758 795 4 758 796 4 758 797	8x14,04x55 +0,15 +0,35	G F	
ENG. 8340.05 A70.12 5400ccm 78kw(106PS)	77→		EX	V226 V226N1	8 830 045 8 825 776 +0,5S	40,8x8x137,7	45 1	VV61 VV61.1 VV61.2	4 758 799 (8 823 263) 4 758 800 4 758 801	8x14,04x62 +0,15 +0,35	G A	
ENG. 8360.03 150NC17, 159NC17 8100ccm 117kw(159PS)	77→	115 6										

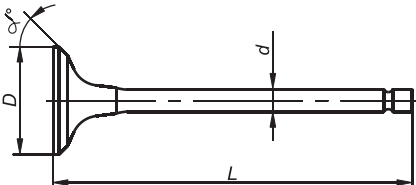
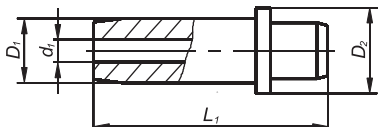
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IVECO											
ENG. 8360.04 Series 120/140/150 8102ccm	115 6	IN	V225	8 824 754	48,4x8x137,7	45	1	VV60	4 758 795	8x14,04x55	G
			V225N1	4 821 710	+0,5S			VV60.1	4 758 796	+0,15	F
								VV60.2	4 758 797	+0,35	
ENG. 8360.05 79→ Series 120(17H) 150/159 8102ccm 117kw(159PS)		EX	V226	8 830 045	40,8x8x137,7	45	1	VV61	4 758 799	8x14,04x62	G
			V226N1	8 825 776	+0,5S			VV61.1	(8 823 263) 4 758 800	+0,15	A
								VV61.2	4 758 801	+0,35	
ENG. 8365.05 80→ Tractor 1580 8102ccm 94/114kw(128/155PS)											
ENG. 8365.25 Turbo 80→ Tractor 1880 8102ccm 120/133kw(163/180PS)											
Tector Eng. F4AE681A/E24V 5880ccm	115 6	IN	V1297	4 895 052	33x7x124,7	60	1	VV311		7x12,07x50,5	G
			V1297N1		+0,5S						B
			V1297N2		+0,8S						
			V1297N5		+0,2d						
		EX	V1298	4 895 051	33x7x124,3	45	1	VV311		7x12,07x50,5	G
			V1298N1		+0,5S						B
			V1298N2		+0,8S						
			V1298N5		+0,2d						
ENG. F2BE0681 24V Euro Tech Cursor Cursor 8 7.8 24V 98→ 190E 27K/31K 190E/380E 23 T/W 170E 27 Stralis 7.8 24V 04→ 190 S27-S31-S35 260 S27-S31-S35 440 S35 7790ccm 294kw(400PS)	115 6	IN	V1531	99456803	40x8x174,5	60	1	VV355	500391440	8x13,03x75,5	G
								VV355N		+0,05	F
								VV355.1		+0,18	
		EX	V1532	99457210	39x8x173,3	45	1	VV356	500391436	8x13,03x75,5	G
								VV356N		+0,05	F6
								VV356.1		+0,18	

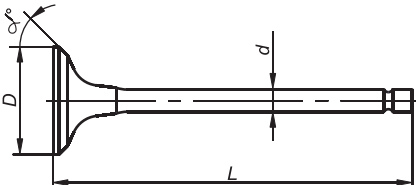
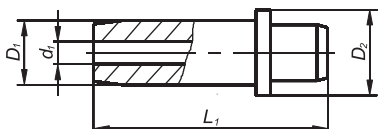
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IVECO											
175.24.00 190.32 GV-TRU 220-260.32 GV-TRU Eng. 8460.21.202 180E 30/34 Eurotec 190E 30/38 Eurotec 190.24 TRU Eng. 8460.41 400E 38 440E 38 Eurotec 240E 38 Eurotec Eng. 8460.41.320 9500ccm	86→ 87→ 91→	120 6 									

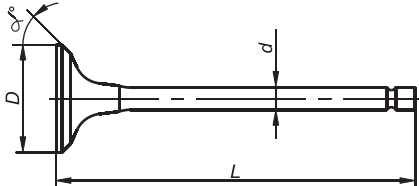
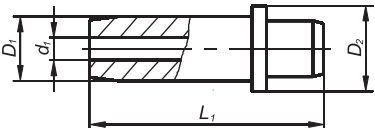
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
IVECO											
Eurotech/Eurotrakker 180/190/240/400/440 E34 190/260/330/340/380/400 440/E34 Eng. 8460.41K Euroclass 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 VV357.1	4 630 923 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 VV357.1	4 630 923 4 630 924	11x18,01x86 +0,05	G A45
		EX	V1522*	4 673 861 98474604 * Retainer s.e. 7,5 mm	48x11x170	45	1	VV358 VV358.1	4 648 237 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 VV30.1	4 630 627 4 630 628	11x18,03x86 +0,03	G A1
		EX	V520	99452179	49x11x170	45	1	VV31 VV31.1	4 647 763 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 VV43.1 VV43.2 VV43.3	4 672 515 4 694 449 4 694 450 4 694 451	10x17,03x67 +0,04 +0,20 +0,24	G A
		EX	V538	4 704 215 4 813 201	45x10x156,6	45	1	VV43 VV43.1 VV43.2 VV43.3	4 672 515 4 694 449 4 694 450 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 VV43.1 VV43.2 VV43.3	4 672 515 4 694 449 4 694 450 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	60x12x156,1	60	5	VV529		12x19,05x74,6	G A1	
		EX	V1284	236-1007015-Б5	48x12x155,6	45	5	VV529		12x19,05x74,6	G A1	

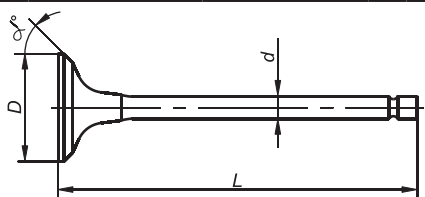
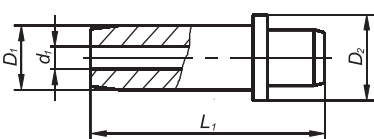
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
JAGUAR DIESEL											
XF 2.2 TD Eng. 224DT 2179ccm NEW	85 4	IN	V1723	0948.E5	27,2x6x95,8	45	3	VV378 VV378.1	0220.A2	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
JEEP											
Wrangler 2.5 2464ccm 87kw(118PS)	98,4 4	IN	V1667	53010512AA	48,5x8x124,7	45	3				
		EX	V1668	53010513AA	38x8x125,5	45	3				
Wrangler 4.0 3960ccm	6										
Wrangler 2.5 2464ccm Grand Cherokee 4.0 3960ccm 125–136kw(170–185PS)	98,5 4	IN	V1445	33003515	48,5x8x124,7	45	1				
		EX	V1446	33003860R	38,1x8x125,5	45	1				
Grand Cherokee 4.7 16V 4700ccm 00→	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
JEEP DIESEL											
Compas 2.0 CRD 16V 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

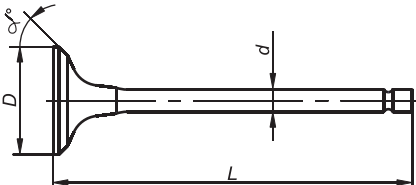
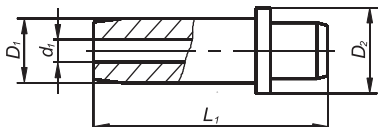
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
JEEP DIESEL												
Cherokee 2.1 D Laredo 2.1 D CJ5, CJ8 2.1 D CJ7 2.1 D Eng. J8S 2068ccm 44kw(60PS)	83→ 82-86 87→ 85→	86 4	IN	V863	7701 462 232	40,2x8x111,6	45	1	VV145 VV145N	7701 462 486	8x13,07x49 +0,03	B F
CJ7 2.1 TD Cherokee 2.1 TD Comanche 2.1 TD Wagoner 2.1 TD XJ 2.1 TD Eng. J8S Turbo 2068ccm 59/64kw(80/87PS)	82-92 84-95 88-98 88-94 84-87		EX	V864	7701 461 339	33,3x8x111,6	45	1	VV145 VV145N	7701 462 486	8x13,07x49 +0,03	B F
Grand Cherokee 2.7 CRD 16V Eng. OM665.921 2685ccm 120kw(163PS)	01→	88 5	IN	V1055	05073735	30,1x7x104	45	1	VV268 VV268N VV268.1	611 053 329 611 053 429	7x12,56x37,5 +0,05 +0,20	G F
			EX	V1056	05073737 05073738	28,4x7x104,4	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 Eng,OM642.982 2987ccm	05→	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 Grand Cherokee 2.5 TD Eng. M51, M52 Eng. VM 492 HR/HS Turbo 2499ccm 85kw(116PS)	95→ 95→	92 4	IN	V1167	0472 0146	40,2x8x121	55	1	VV411 VV411.1 VV411.2		8x14,06x55 +0,03 +0,18	G A
			EX	V1168	0464 0148	34x8x121	45	1	VV521 VV521.1 VV521.2		8x14,06x55 +0,03 +0,18	G F
									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

												
	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	
JEEP DIESEL												
Cherokee 2.5 CRD Eng. ENJ 2499ccm 105kw(143PS)	01→	92 4	IN EX	V1645 V1646	05066770AA 05066769AA	32,4x6x109 30,9x6x108,3	45 45	3 3	VV530 VV530	5066773AA 5066773AA	6x11,03x44,5 6x11,03x44,5	G F G F
Cherokee 2.8 CRD 16V Eng. ENR 2776ccm 110/120kw(150/163PS)	03→											
CJ-5/6/7 4WD 2.7 D Eng. 4.165 Perkins 2710ccm 48kw(65PS)	75→	92 4	IN EX	V877 V878	3143 1491 3142 A031	40,5x8x114,6 35,5x8x114,5	45 60	1 1				
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										

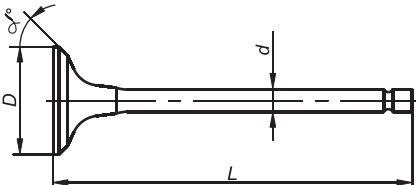
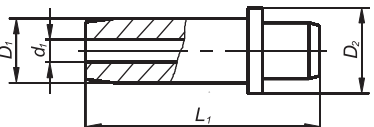
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
JOHN DEERE											
Tractor 5.4 3030, 3130, 3135 Eng. 3239 DL 5380ccm	73→	102	IN	V1295	CDX 0881	45x9,5x131	45	5			
		4		V1295N1 V1295N5		+0,5S +0,2d					
Tractor 2.9 940, 1040, 1140, 1630 Eng. 3239 DL 2938ccm	74→	106,5	EX	V1296	CDX 0634A	40x9,5x131	45	5			
		3		V1296N1 V1296N5		+0,5S +0,2d					
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					
ENG. 6404 A/T-Turbosharged Kombajn 7700 Tractor 7020 (S/N 33846→) Tractor 4430, 4630		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					
ENG. JD 404-Turbosharged Agregat (S/N 21500→)			EX	V532	R 50 357	43,6x9,45x157,7	60	5			
				V532.1 V532N V532N1 V532N2		+0,08d +0,2d +0,4d +0,5d					
ENG. 6466 A/T-Turbosharged Kombajn 7720 Grebač (Scraper) JD 762A Tractor 4440, 4640, 4840, 8430, 8440, 8450		116									
		6									
ENG. 6466 AF-Turbosharged Grebač (Scraper) JD 762A (S/N 239487→) Tractor 4850											
ENG. 6466 TF-Turbosharged Tractor 4250, 4450, 4650											

	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				
	108 6										
ENG. 6404D Kombajn 7700 (S/N 422 365→) Tractor 4040,4230											
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				
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				
ENG. 4270 (S/N 157002-280000)		IN	V875	R 44 174	48,3x9,45x158,6	45	2				
ENG. 6404D (S/N 8202-214999)		EX	V876	R 44 175	43,6x9,45x158,3	45	2				

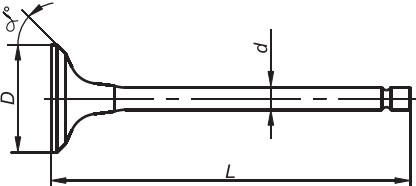
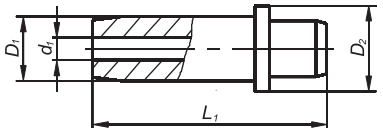
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
JOHN DEERE												
ENG. 6619T Tractor 850 (S/N 033815→) Tractor 8630, 8640	133,3 6	IN EX	V845 V846		51,6x11x168,7 47,6x11x169	70 60	5 5					
KIA												
Picanto 1.0 12V Eng. G4HE 999ccm 45kw(61PS)	04→ 4	66 4	IN EX	V1751 V1752	22211-02200 22212-02200	23,5x5,5x99,6 27x5,5x99	45 45	1 1	VV387 VV388	22114-02500 22115-02500	5,5x10,06x47 5,5x10,06x48	G P G P6
Picanto 1.1 12V Eng. G4HG 1086ccm 48kw(65PS)	04→ 4	67 4										
Picanto 1.0 12V Eng. G3LA 998ccm NEW	11→ 3	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
Pride GLXi 1124ccm 1324ccm		4	IN EX	V1851 V1852	MB30112111 KK15012121 KK15112121	32x7x105,3 28x7x104,2	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→ 4	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
Cerato 1.6 16V Rio 1.6 16V Eng. G4ED 1599ccm 79/82kw(107/112PS)	04→ 05→ 4	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

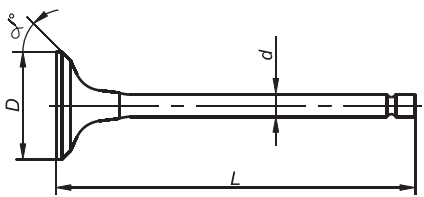
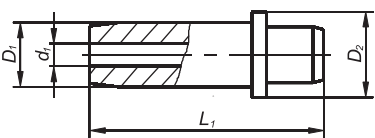
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KIA											
Carens 1.6i 16V Eng. G4ED 1599ccm 79/82kw(107/112PS)	02→04 76,5 4	IN	V1507	22211-26600	29,1x6x91,9	45	1	VV538		6x11,07x40	G F
		EX	V1508	22212-26000	25x6x92,4	45	1	VV538		6x11,07x40	G F
CEE'D 1.4i 16V Venga 1.4i 16V Eng. G4FA 1396ccm 80kw(109PS)	07→08 77 4	IN	V1739	22211-2B000	31,5x5,5x93,2	45	1	VV476	22114-2B000	5,5x10,06x40,5	G P
		EX	V1740	22212-2B000	26x5,5x92,6	45	1	VV476	22114-2B000	5,5x10,06x40,5	G P
CEE'D 1.6i 16V Venga 1.6i 16V Eng. G4FC 1597ccm 90kw(122PS)	10→08										
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	IN	V1739	22211-2B000 22211-2B400	31,5x5,5x93,2	45	1	VV476	22114-2B000	5,5x10,06x40,5	G P
		EX	V1740	22212-2B000	26x5,5x92,6	45	1	VV476	22114-2B000	5,5x10,06x40,5	G P
Sephia 1.6 16V Eng. B5 1498ccm	78 4	IN	V1897	K95412111	33,7x6x103,4	45	1				
		EX	V1898	K01312121	28,9x6x104	45	1				
Carens 1.6 16V Shuma 1.6 16V Eng. S6D 1594ccm 75/77kw(101/105PS)	04→01 78 4	IN	V1239	OK2NC-12111	29,2x5,5x96,2	45	1	VV462	OK30E-10-281	5,5x9,56x42	G P
		EX	V1240	OK2NC-12121	25,8x5,5x95	45	1	VV462	OK30E-10-281	5,5x9,56x42	G P
Spectra 1.8 16V Carens 1.8 16V Eng. TBD 1793ccm 81kw(110PS)	03→03 81 4	IN	V1385	OK 247 12111	31,5x6x102,9	45	1				
		EX	V1386	OK 247 12121	27x6x101,5	45	1				
Sportage 2.0 16V Eng. G4GC 1975ccm	00→ 82 4	IN	V1735	22211-23600	32x6x114,4	45	1				
		EX	V1736	22212-23600	27,5x6x116,7	45	1				

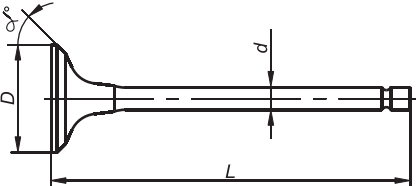
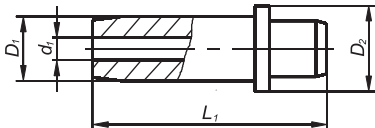
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KIA											
Optima 2.5i Magnetis 2.5i 2493ccm	84 V6	IN	V1657	22211-37201	32x6x96,2	45	1	VV445	22114-23000	6x11,06x39	G P
		EX	V1658	22212-37200	27,5x6x97,3	45	1	VV446	22115-37100	6x11,11x43	G P6
Magentis 2.0i 16V Eng. G4JP 1997ccm 100kw(136PS)	85 4	IN	V927	22211-33000	34x6,5x109,6	45	1	VV133 VV133N	MDO-16441	6,6x12,06x50,5 +0,05	G P
		EX	V928	22212-33000	30,5x6,5x109,6	45	1	VV134 VV134N	MDO-16445	6,6x12,06x45,5 +0,05	G P
Sportage 2.0 16V VVT Magnetis 2.0 16V VVT Optima 2.0 16V Eng. G4KD 1998ccm NEW	86 4	IN	V2067	22211-2G000	35x5,5x113,3	45	1				
		EX	V2068	22212-25002	29x5,5x106	45	1				
Carnival 2.5i Eng. KR 2497ccm 121kw(165PS)	V6	IN	V1749	OK9BV-12111A	31,5x6x89,5	45	1	VV478	OK9BV-10-281	6x9,85x30	G
		EX	V1750	OK9BV-12121	27,6x6x90,1	45	1	VV478	OK9BV-10-281	6x9,85x30	G
Sportage 2.0i 16V Clarus 2.0i 16V Eng. FE 16V 1999ccm	86 4	IN	V1899	K930-12111	38x7x103,7	45	1				
		EX	V1900	K930-12121	32x7x102,8	45	1				
Sportage 2.7i V6 24V Eng. G6BA 2656ccm 129kw(175PS) Optima 2.5i V6 24V 2493ccm	86,7 V6	IN	V1657	22211-37201	32x6x96,2	45	1	VV445	22114-23000	6x11,06x39	G P
		EX	V1658	22212-37200	27,5x6x97,3	45	1	VV446	22115-37100	6x11,11x43	G P6
KIA DIESEL											
Picanto 1.1 CRDI 12V Eng. D3FA 1120ccm 55kw(75PS)	75 4	IN	V1741	22211-2A100	26,1x5,5x93,1	45	3	VV573		5,5x11,03x31,5	G F
		EX	V1742	22212-2A100	21x5,5x93,7	45	3	VV574		5,5x11,03x31,5	G F6

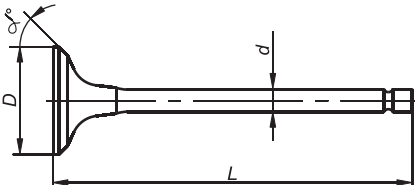
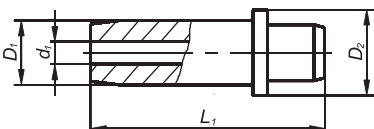
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KIA DIESEL											
Rio 1.5 CRDi 16V Cerato 1.5 CRDi 16V Eng. D4FA 1493ccm	05→ 81kw(110PS)	75 4	IN EX	V1741 V1742	22211-2A100 22212-2A100	26,1x5,5x93,1 21x5,5x93,7	45 45	3 3	VV573 VV574	 5,5x11,03x31,5	G F G F6
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	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	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	G F G F6
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 8x14,04x41 +0,05 MRFJ5-10-290 8x14,04x46,5 +0,05	G P13 G A16
Cerato 2.0 CRDi 16V Carens 2.0 CRDi 16V Magentis 2.0 CRDi 16V Sportage 2.0 CRDi 16V Eng. D4EA 1991ccm	04→ 02→ 06→ 04→ 83/103kw(113/140PS)	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	G P G P
Sportage 2.0 CRDi 16V Sorento II 2.0 CRDi 16V Eng. D4HA 1995ccm NEW	10→	85 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											
Sorento II 2.2 CRDi 16V Carnival II 2.2 CRDi 16V 2199ccm NEW	09→ 10→	85,1 4	IN EX	V2069 V2070	22211-2F000 22212-2F000 22212-2F010	29x6x108,5 26x6x108,3	45 3 45 3				
Retona 2.0TD Sportage 2.0TD Eng. RF 1998ccm 61kw(83PS)	99→ 94→	86 4	IN EX	V1023 V1024	RF01-12-111 RF01-12-121	41x8x107 36x8x106,8	45 1 45 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 48kw(65PS)	85→ 94→ 94→										
Sorento 2.5CRDi Eng. D4CB 2497ccm 103kw(140PS)	03→	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 1 45 3 45 1 45 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
K2500 2.5 TCi Pregio 2.5 TDi/TCi Eng. D4BH 2476ccm 69kw(94PS)	04→ 02→	91,9 4	IN EX	V1405 V1406	22211-42520 22212-42520	40x8x130,1 34x8x129,9	45 1 45 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
Pregio 2.7 D	02→	82 4	IN EX	V1671 V1672		44x8,5x112,7 37,3x8,5x112,8	45 1 45 1	VV490 VV490		8,5x14,05x48,8 8,5x14,05x48,8	G A G A
Carnival 2.9TDi 16V Carnival 2.9CRDi 16V Eng. J3/J3TCI 2902ccm 93/136kw(126/185PS)	98→ 01→	97,1 4	IN EX	V1659 V1660	OK05511-2111A OK05511-2121A	34x7x126,2 31,5x7x126,1	45 1 45 1	VV468 VV468	OK551-10-281 OK551-10-281	7x12,06x52,7 7x12,06x52,7	G F6 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
KLOECKNER-HUMBOLDT DEUTZ											
ENG F2L 1011 ENG F2L 1011 Euro 1 1366ccm 18-22kw(25-30PS)	89→ 94→ 2	91 2	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	EX	V1261N V1262 0210 8184 0417 0899 0417 8158	+0,2d 34,9x8x124,7	45	3	VV506	0417 0164	8x15/12,03x48	G G
ENG F4L 1011 ENG F4L 1011 F Euro 1 2732ccm 36-46kw(49-63PS)	88→ 4	4		V1262N	+0,2d						
ENG BF3M 1011 Euro 1 2185ccm 46kw(62PS)	94→ 3	91 3	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	EX	V1447N5 V1448 0428 0049	+0,2d 35,4x8x124,6	45	3	VV506	0417 0164	8x15/12,03x48	G G
ENG PF4M 1011 F Euro 1 2912ccm 41-61kw(56-83PS)	88→ 4	4		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→ 2	91 4	IN	V1375 V1375N 0417 0491	40,5x8x124,9 +0,2d	60	3	VV506	0417 0164	8x15/12,03x48	G G
ENG F2M 1011 Euro 1 1336ccm 21-23kw(29-31PS)	97→ 2	2	EX	V1262 0210 8184 0417 0899 0417 8158	34,9x8x124,7	45	3	VV506	0417 0164	8x15/12,03x48	G G
ENG F3M 1011 ENG F3M 1011 Euro 1 2189ccm 32-36kw(44-49PS)	94→ 94→ 3	3		V1262N	+0,2d						
ENG F4M 1011 Euro 1 2914ccm 44-48kw(60-65PS)	94→ 4	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 BF4M 1012 Euro 1 92→ 3192ccm 47-65kw(64-88PS)	94	IN	V1399	0420 8095 0425 5216 0428 3374	41,7x8x124,7	60	3	VV543	0419 5708	8x15,03x52,8	G
ENG BF4M 1012 C Euro 1 90→ 3192ccm 70-82kw(95-112PS)	4	EX	V1400	0420 8096 0425 5217 0428 3375	35,9x8x124,7	45	3	VV543	0419 5708	8x15,03x52,8	G
ENG BF4M 1012 Euro 2 95→ 3192ccm 48-73kw(65-99PS)	6										
ENG BF4M 1012 EC Euro 2 95→ 3192ccm 60-73kw(82-99PS)											
ENG BF6M 1012 Euro 1 97→ ENG BF6M 1012 C Euro 1 92→ ENG BF6M 1012 E Euro 2 95→ ENG BF6M 1012 EC Euro 2 99→ 4788ccm 72-140kw(98-190PS)											
ENG 4M 1012 Euro1 92→ ENG 6M 1012 Euro1 92→ 3192/4788ccm 40-45kw(55-61PS)											
ENG.F 1L 812 63-67 Tractor D15 850ccm 9kw(12PS)	95	IN	V216	415 3773 213 3731	43x8x133	45	1	VV04	223 2528	8x15,04x57,5	G
ENG. F 2L 812 63-67 Tractor D30/30S/2005/3005 1700ccm 18kw(28PS)	95	EX	V384N V384N1 V384N2		+0,3S +0,5S +0,8S			VV04.1 VV04.2 VV04.3 VV04.4		+0,05 +0,10 +0,25 +0,50	A12
ENG. F 3L 812 63-67 Tractor D40L/40S/4005P/4505 2550ccm 26/29kw(35/40PS)	95		V217	415 3696 337 1762	37x8x133	45	1	VV04	223 2528	8x15,04x57,5	G
ENG. F 4L 812 63-67 Tractor D50S/5005/6005A 3400ccm 33/39kw(45/53PS)	95		V385N V385N1 V385N2		+0,3S +0,5S +0,8S			VV04.1 VV04.2 VV04.3 VV04.4		+0,05 +0,10 +0,25 +0,50	A12
ENG. F 6L 712 57-63 5100ccm 66kw(90PS)	95										
ENG. F 6L 812 63-67 Tractor D8005/9005A 5100ccm 55/74kw(75/100PS)	95										

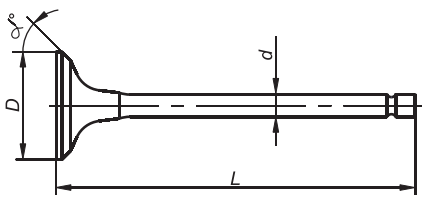
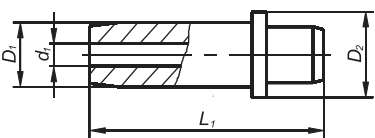
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG TCD 2010 L4 Euro 3 3470ccm 75kw(102PS) NEW	96 4	IN	V2073	0412 2261 0412 2848	42x8x116,3	45	3				
		EX	V2074	0412 2262 0412 2849	35x8x116,3	45	3				
ENG BF 4M 2013 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
ENG BF 6M 2013 Euro 3 5703ccm 92/118kw(125/160PS)	98 6	EX	V1936	0425 4233 0428 3379 0425 0138	33,4x8x157	45	3	VV546	0425 0074	8x13,04x58,3	G
ENG BF 6M 2013C Euro 3 5703ccm 190kw(258PS)											
ENG TCD 2012 Euro 3 5700ccm 147kw(2001PS)	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 Euro 2	01→										
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 Euro 2	01→	101 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	
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 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 3L 912D Tractor D4006A/4505A/4506A D5006A/5206A 2826ccm 40kw(59PS)	67-72 3	100 3	IN	V384 V384N V384N1 V384N2	415 3629 213 7457	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 4L 912D Tractor D5506A/6006A/6206A/6806A 7006A/7206A/2003A/2003S 3768ccm 43/59kw(59/80PS)	67-72 4	100 4	EX	V1048	423 1479	45x8x133	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 5L 912D Tractor DX 85/90 4712ccm 63/74kw(85/100PS)	67-72 5	100 5	EX	V385	415 3696 223 2717	37x8x133	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 6L 912D Tractor D2005A/7506A/8006A/ D9006A/10006A/DX110 5652ccm 59/82kw(80/112PS)	67-72 6	100 6	EX	V385N V385N1 V385N2		+0,3S +0,5S +0,8S			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 912W 1884ccm 22kw(30PS)	72-92 2	100 2	IN	V384 V384N	415 3629 213 7457	43x8x133 +0,3S	45	1	VV04 VV04.1 VV04.2	223 2528 +0,05 +0,10	8x15,04x57,5 +0,05 +0,10	G A12
ENG. F 3L 912W 2826ccm 37kw(50PS)	72-79 3	100 3	EX	V384N1 V384N2		+0,5S +0,8S			VV04.3 VV04.4	223 3020 223 3021	+0,25 +0,50	
ENG. F 4L 912W 3768ccm 50kw(67PS)	72-92 4	100 4	EX	V385 V385N	415 3696 223 2717	37x8x133 +0,3S	45	1	VV04 VV04.1 VV04.2	223 2528 +0,05 +0,10	8x15,04x57,5 +0,05 +0,10	G A12
ENG. F 5L 912W 4710ccm 61kw(83PS)	72-92 5	100 5	EX	V385N1 V385N2		+0,5S +0,8S			VV04.3 VV04.4	223 3020 223 3021	+0,25 +0,50	
ENG. F 6L 912W 5652ccm 74kw(100PS)	72-92 6	100 6	EX									

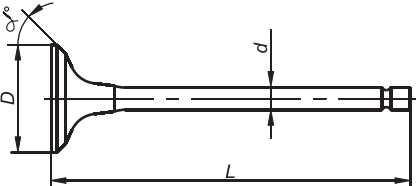
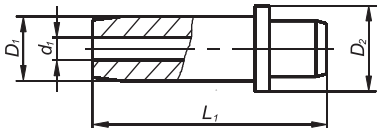
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG. F 1L 511W 825ccm	79→ 13kw(18PS)	100 1	IN	V384A V384N V384N1 V384N2	415 3631	43x8x133 +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	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. BF 6L 912 Turbo Tractor D8006A/10006A 5640ccm	71→ 100kw(136PS)	100 6	IN	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. F 6L 913 6128ccm	74→ 96kw(130PS)	100 6	EX	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 3L 912 2830ccm	93→ 43kw(58PS)	100 3	IN	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 4L 912 3770ccm	93→ 59kw(80PS)	100 4	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 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)	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 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	IN	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 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	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

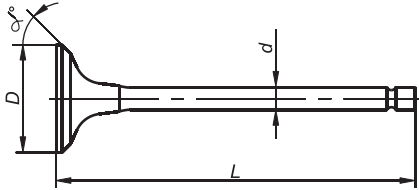
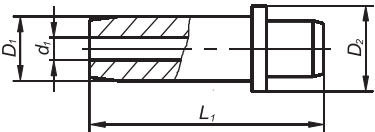
	CYL. Ø N _e	IN EX	AV REF.	ORIGINAL PART N _e	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _e	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG BF 4M 2012 Euro 2 4038ccm 01→ 74-93kw(101-126PS)	101 4	IN	V1823	0425 4284 0425 4934 0428 3376	41,7x8x119,5	60	3				
ENG BF 4M 2012 B Euro 3 4038ccm 03→ 52kw(71PS)		EX	V1824	0425 4285 0425 4935 0428 3376	35,9x8x119,5	45	3				
ENG BF 4M 2012 C Euro 2 4038ccm 03→ 56-155kw(76-208PS)											
ENG BF 6M 2012 C Euro 2 6067ccm 03→ 80-155kw(109-209PS)	6										
ENG TCD 2012 L4 2V Euro 3 4038ccm 04→ 83-103kw(113-140PS)	101 4	IN	V2075	0428 4042 0428 5985	41,7x8x121,2 44,5x8x121,2	60	3				
ENG TCD 2012 L6 2V Euro 3 6057ccm 04→ 105-165kw(142-224PS)	6	EX	V2076	0428 4043 0428 5986	35,9x8x121,2 38,8x8x121,2	45	3				
ENG TCD 2012 L4 4V Euro 3 4038ccm 04→ 81kw(110PS)	101 4	IN	V2077	0450 0651 0450 2840	34,4x8x148,2	70	3				
NEW		EX	V2078	0450 1941 0450 2841	33,2x8x147,9	60	3				
ENG . F 3L 913 3060ccm 93→ 44kw(60PS)	102 3	IN	V569	415 9136	43x8x133	45	3	VV04 VV04.1 VV04.2	223 2528	8x15,04x57,5 +0,05 +0,10	G A12
ENG . F 4L 913 4090ccm 93→ 64kw(87PS)	102 4							VV04.3 VV04.4	223 3020 223 3021	+0,25 +0,50	
ENG . F 6L 913 6130ccm 93→ 96kw(130PS)	102 6	EX	V570	415 9139 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

	CYL. Ø 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
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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	
								VV04.3	223 3020	+0,25	
								VV04.4	223 3021	+0,50	
								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	
		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	VV504	1216 4633	9x16,5/15x58	G
		EX	V1938	1215 9602 1216 5099	38x9x117	45	3	VV504	1216 4633	9x16,5/15x58	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)											

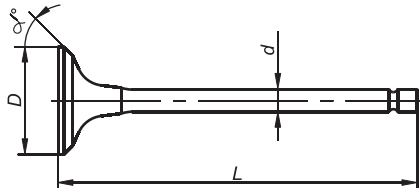
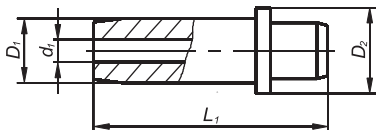
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG BF 6M 1013 C Euro1 99→ 7146ccm 144-235kw(196-320PS)	108 4	IN	V1525	0420 4014 0425 5254 0428 3380	48x9x139	60	3	VV359	420 1238	9x15,03x62,8	G A4
ENG BF 6M 1013 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										

NEW

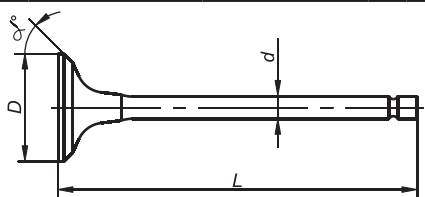
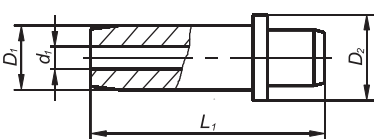
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1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG D5A-A TA Euro2 4764ccm 02-08 92-100kw(125-136PS)	108 4	IN	V1525	0420 4014 0425 5254 0428 3380	48x9x139	60	3	VV359	420 1238	9x15,03x62,8	G A4
ENG D5A-A AT Euro2 4764ccm 02→ 77-81kw(105-110PS)		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 08→ 92-100kw(125-136PS)											
ENG D5A-T Euro2 4764ccm 02-08 72-95kw(98-129PS)											
ENG D5A-A TA Euro2 4764ccm 02-08 89-118kw(121-160PS)											
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	38,2x8x145,9	60	3				
		EX	V1826	0490 0686 0490 3006	35,8x8x145,9	45	3				
NEW											
ENG. F 1L 514 1330ccm 57→ 13kw(18PS)	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 57→ 27kw(36PS)	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 57→ 40kw(54PS)	110 3										
ENG. F/A 4L 514 5322ccm 57→ 53kw(72PS)	110 4										
ENG. F/A 6L 514/614 7980ccm 57→ 81kw(110PS)	110 6										
ENG. F/A 8L 614 10640ccm 57→ 108kw(147PS)	110 8										

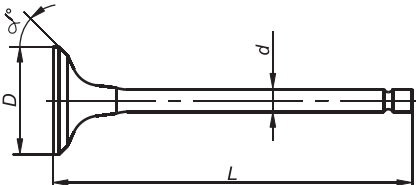
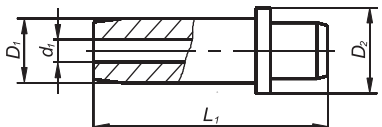
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG. A 12L 612 15960ccm 57→ 162kw(220PS)	110 12	IN	V41	336 9307	44,6x12x170	45	15	VV54	336 5788	12x20/18,03x75	G
								VV54.1	336 5790	+0,25	G
								VV54.2	336 5791	+0,50	G
ENG. F 6L 613 7412ccm 57→ 89kw(120PS)	110 V-6	EX	V42	336 9308	41,6x12x170	45	15	VV54	336 5788	12x20/18,03x75	G
								VV54.1	336 5790	+0,25	G
								VV54.2	336 5791	+0,50	G
ENG. F 1L 514 1330ccm 62→ 13kw(18PS)	110 1	IN	V09	335 8980 335 8982	44,6x10x170	45	1	VV11	335 8928	10x20/18,03x75	G
								VV11.1	335 8930	+0,25	G
								VV11.2	335 8931	+0,50	G
ENG. F/A 2L 514 2660ccm 62→ 27kw(36PS)	110 2	EX	V10	335 8981 335 8984	41,6x10x170	45	1	VV11	335 8928	10x20/18,03x75	G
								VV11.1	335 8930	+0,25	G
								VV11.2	335 8931	+0,50	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)											

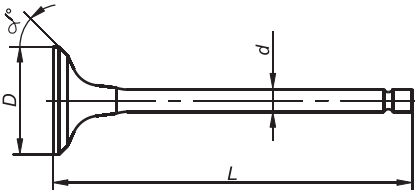
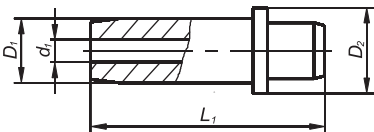
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1	2	3	4	5	6	7	8	9	10	11	12
KLOECKNER-HUMBOLDT DEUTZ											
ENG. F 6L 413 8480ccm 125/130kw(170/176PS)	68-80 V-6	120 IN	V313	414 6226 414 6225 240 2585	53,6x10x165	45	1	VV127 VV127N VV127.1	241 4268	10x18,2/16,05x95 +0,05 +0,25	G G
ENG. F 8L 914 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 IN	V314	241 2165	46,6x10x165,3	45	1	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 IN									
ENG. F 12L 413 16965ccm 240/250kw(326/340PS)	68-80 V-12	120 IN									
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 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 8L 413 F-Turbo 12763ccm 235kw(320PS)	75→ V-8	125 IN									
ENG. BF 10L 413 F-Turbo 15945ccm 294kw(400PS)	75→ V-10	125 IN									
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

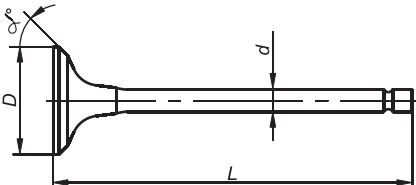
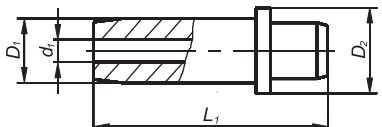
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
KLOECKNER-HUMBOLDT DEUTZ												
ENG. BF 6L 413 FRW 9572ccm	81-92 141kw(192PS)	120 V-6	IN	V313	414 6226 414 6225 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										

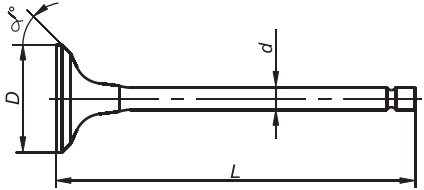
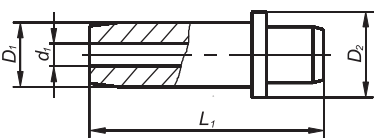
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
KLOECKNER-HUMBOLDT DEUTZ												
ENG. F 6L 413 F 9572ccm	93→ 130kw(170PS)	125 V-6	IN	V571	418 5770	53,6x10x165	45	4	VV40 VV40N 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										

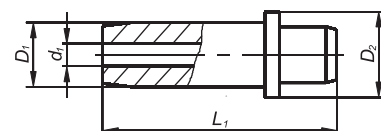
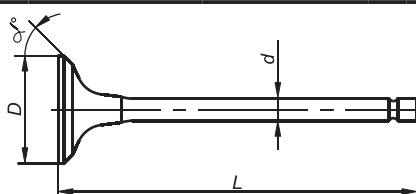
	CYL. Ø Nº	IN EX													
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE				
1	2	3	4	5	6	7	8	9	10	11	12				
KLOECKNER-HUMBOLDT DEUTZ															
ENG. F 6L 513 10038ccm	93→ 86kw(117PS)	128 V-6	IN	V610	418 5462	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	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 513 16730ccm	93→ 143kw(195PS)	128 V-10													
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			
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
ENG. BF 6M 1015CP Euro 2 1190ccm	99→ 261/330kw(350/443PS)														
ENG. BF 6M 1015 CU Euro 2 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			
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
ENG. 8M 1015M Euro 2 15870ccm	93→ 290/304kw(394/413PS)														
ENG. BF 6M 1015 CU Euro 2 1190ccm	99→ 226/305kw(350/410PS)														

	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. TD 2015 V6 Euro 3 11190ccm 360kw(489PS)	132 6	IN EX	V1631 V1632	422 6413 422 0143 422 6412 422 0142	46x8x133 42x8x133	60 45	3 3	VV505 VV505	422 0708 422 0708	8x15,03x66 8x15,03x66	G G
ENG. TD 2015 V8 Euro 3 15900ccm 500kw(680PS)											
ENG. BF6M 1015 Euro 1 11910ccm 187/250kw(255/340PS)	90→ 136 6	IN EX	V1631	422 6413 422 0143	46x8x133	60	3	VV505	422 0708	8x15,03x66	G
ENG. BF8M 1015 Euro 2 15870ccm 290/304kw(394/413PS)	93→ 132 8		V1632	422 6412 422 0142	42x8x133	45	3	VV505	422 0708	8x15,03x66	G
KOMATSU											
ENG. SGD-155-4 D 159		IN EX	V517 V518	6127 41 4113 5021 3800 6127 41 4214	56,2x11x212,5 53,1x11x212,5	60 45	1 1				
KÜHLA AUTOMAT											
ENG. 12 KVD 21-3	180 12	IN EX	V503 V504	489298 142 489298 144	65x14x260 65x14x206	60 60	7 7	VV49 VV50	485098 016 485098 017	14x22,03x98 14x22,03x75	G A1 G A1
KUBOTA											
Z 75		IN EX	V1677 V1678		32,9x8x100,9 26,8x8x101	45 45	1 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

											
	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
LADA											
1500 VAZ 2103 1451ccm 55/57kw(75/77PS)	73→ 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
1600 VAZ 2106/2107/2121	74→ 76 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
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
110 1.5 16V 111, 112 1.5 16V Eng. VAZ-2112 1499ccm 56/57kw(76/78PS)	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 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

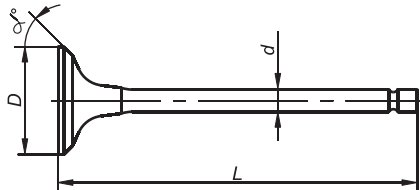
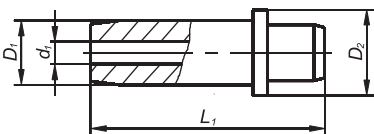
											
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LADA DIESEL											
Niva 1.9D 4x4 Eng. XUD 9A 1905ccm 47/52kw(64/71PS)	83 4	IN	V721	0948.59	38,5x8x112,4	45	1	VV186	0220.75	8x14,06x52	B
			V721N1		+0,5S			VV186.1		+0,05	A
			V721N3		+1,0S			VV186.2	0220.65	+0,20	
		EX	V710	0949.73	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
			V710N1		+0,5S			VV186.1		+0,05	A
			V710N3		+1,0S			VV186.2	0220.65	+0,20	
		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	
Niva 1.9TD 4x4 Eng. XUD 9SD 1905ccm 51/55kw(71/75PS)	83 4	IN	V721A	0948.63	38,5x8x112,4	45	1	VV187		8x14,06x48	B
			V721N1		+0,5S			VV187.1		+0,05	F
			V721N3		+1,0S						
		EX	V710	0949.73	33x8x111,9	45	1	VV187		8x14,06x48	B
			V710N1		+0,5S			VV187.1		+0,05	F
			V710N3		+1,0S						
		EX	V722	0949.60	33x8x111,9	45	1	VV187		8x14,06x48	B
			V722N1		+0,5S			VV187.1		+0,05	F
			V722N3		+1,0S						
LANCIA											
A112 Lx 1.0 Elegant, Elite, Junior Eng. 112A/B1.054 965ccm 35kw(48PS)	67,2 4	IN	V257	4 265 695	29x7x95,3	45	1	VV70	4 265 699	7x13,01x42,5	G
				5 959 654				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	4 377 979	26x7x95,7	45	1	VV70	4 265 699	7x13,01x42,5	G
				5 959 563				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
LANCIA											
Y 10 Fire 1.0 Eng. 156 A2.000	85→	70 4	IN	V731	7 666 228	30,4x7x97,1	45 1	VV70	4 265 699	7x13,01x42,5	G
Y 10 4WD Fire 1.0 Eng. 156 A3.000 999ccm 33/37kw(45/50PS)	86→							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	
Y 10 Selectronic 1.1 Eng. 156 C.000	89→		EX	V732	7 666 227	27,5x7x97,2	45 1	VV70	4 265 699	7x13,01x42,5	G
Y 10 1.1 Elefantino Blu Eng. 176 B2.000 Eng. M 609. MA. 11C	96→							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	
Y 1.1 Eng. 176 B2.000 1108ccm 40/42kw(54/57PS)	98→	70 4									
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	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	
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	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	
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	55190559	5x10,06x44	G
								VV377.1		+0,03	F
								VV377.2	55190560	+0,23	
			EX	V1556	55194994	27,3x5x98,7	45 3	VV377	55190559	5x10,06x44	G
								VV377.1		+0,03	F
								VV377.2	55190560	+0,23	
								VV533	BRONZE VERSION	5x10,06x44	B F

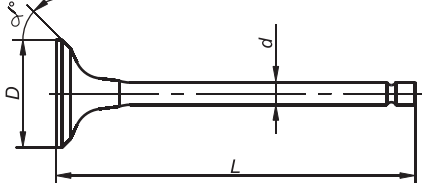
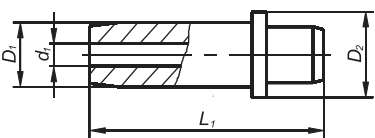


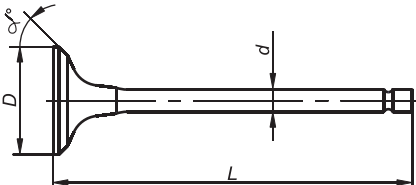
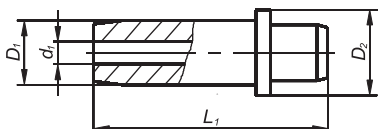
LANCIA

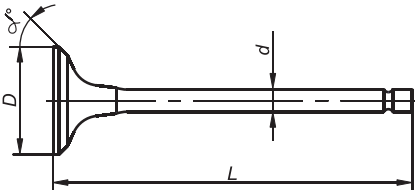
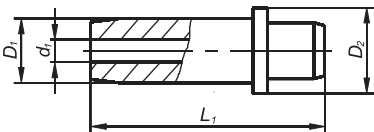
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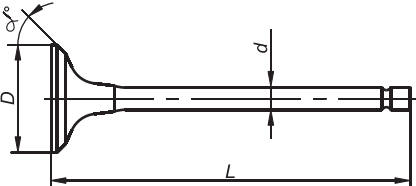
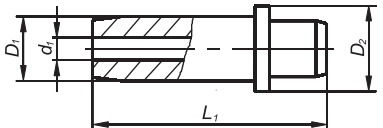
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
LANCIA												
Delta 1.4 GPL Eng. 198 A4.000 1368ccm NEW	11→	72	IN	V2021	55225886	26,8x6x95,2	60	3	VV259	46441525	6x10,04x39,7	G
		4							VV259.1	73500256	+0,03	F
									VV259.2	73500257	+0,23	
		EX	V2022	55225887	23x6x94,9	60	3	VV259	46441525	6x10,04x39,7	G	
								VV259.1	73500256	+0,03	F	
								VV259.2	73500257	+0,23		
								VV527	BRONZE VERSION	6x10,04x39,7	B F	
Musa 1.4i.e. Ypsilon 1.4i.e. Eng. 350 A1.000 1368ccm 57kw(78PS)	05→ 04→	72	IN	V1621	55194219	33,2x5x99,9	45	3	VV377	55190559	5x10,06x44	G
		4							VV377.1		+0,03	F
									VV377.2	55190560	+0,23	
		EX	V1622	55200422	28x5x100,5	45	3	VV377	55190559	5x10,06x44	G	
								VV377.1		+0,03	F	
								VV377.2	55190560	+0,23		
								VV533	BRONZE VERSION	5x10,06x44	B F	
Delta 1.4i.e. Eng. 836 A4.000/160 A1.046 1372ccm 51kw(69PS) Dedra 1.6i.e. Eng. 159 B9.000 1581ccm 66kw(90PS)	93→ 94→	80,5	IN	V411	7 609 772 46531590	37,5x8x108,5	45	1	VV69	4 250 803	8x14,06x46,5	G
		4							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	V153	4 314 869	31x8x109	45	1	VV69	4 250 803	8x14,06x46,5	G	
									VV69.1	4 372 160	+0,03	F
		EX	V412	5 973 128 4 315 062	31x8x109	45	1	VV69.2	4 372 161	+0,08		
								VV69.3	4 250 804	+0,18		
								VV69.4	4 372 162	+0,23		
Ypsilon 0.9 Twin Air Eng. 312 A2.000 875ccm	12→	80,5	IN	V2023	55229666	30,15x5x95,5	45	3				
		2	EX	V2024	55231897	25,3x5x95,3	45	3				

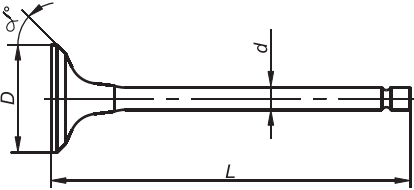
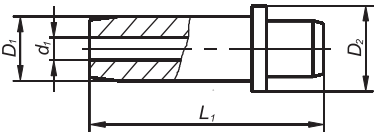
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
LANCIA												
Dedra 1.6ie 16V Eng. 182 A4.000 1596ccm	96→99	80,5 4	IN	V825	46517325 46462158	30,3x7x102,5	45	1	VV70	4 265 699	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	V826	46462159 46461209	29,8x7x102,8	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		
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→ 94→	82 5	IN	V963	7 735 898 60812982	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	
									VV70.4	4 372 333	+0,25	
		EX	V964	7 735 899 60812981	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		
Y 1.4i.e. 12V Eng. M634.AA.14T Eng. 840 A2/A3.000 1371ccm 55/59kw(75/80PS)	96→	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		

	CYL. Ø 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/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 VV70.1 4 372 331 VV70.2 4 372 332 VV70.3 4 265 700 VV70.4 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	G F
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	EX	V730	7 766 565 60674496	28x7x108,4	45 3	VV70 4 265 699 VV70.1 4 372 331 VV70.2 4 372 332 VV70.3 4 265 700 VV70.4 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	G F
Thesis 2.0i.e. 20V Turbo 96→ Eng. 841 E.000 1998ccm 136kw(185PS)											
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									
Delta 1.8i.e. LE 93→ Dedra 1.8i.e. LE, LS 94→ Eng. M610 LA. 18C 1756ccm		84 4	IN	V705	7 574 379 7 722 907	34,4x7x128	45 1	VV267 7 616 998 VV267.1 7 616 992 VV267.2 7 616 993 VV267.3 7 616 994	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 89→ Eng. 834 B2.000 1995ccm 110kw(150PS)			EX	V706	7 598 073 7 650 916 7 574 742	28,5x7x125,7	45 1	VV267 7 616 998 VV267.1 7 616 992 VV267.2 7 616 993 VV267.3 7 616 994	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 87-91 Nuova Delta 20 Turbo 16V 93→ Eng. 836 A2.000 1995ccm 142/155kw(193/211PS)								VV544 BRONZE VERSION		7x14,04x51,3	B F
Delta 2.0 16V 94→ Dedra 2000 16V 94→ Thema 2.0 16V 92→ Eng. 836 A3.000 Eng. 834 F1.000 1995ccm 102/114kw(139/155PS)											
Kappa LS, LX, Coupe LS 2.0 16V 96→ Eng. 838 A4.000 Turbo 1995ccm 151kw(205PS)											

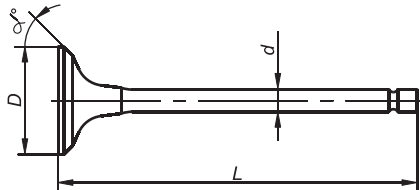
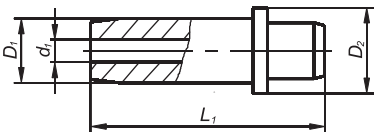
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
LANCIA												
Delta FL 83 1.6i.e. Prisma GT 1.6i.e. Eng. 831 A4.000/831 B3.000 1585ccm 103kw(140PS)	84→ 84→	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→											
Dedra 2.0i.e. T. Delta 4WD 2.0i.e. Eng. 835 A8.000/831 B5.000 1995ccm 121kw(165PS)	89→ 87→											
Dedra HF/HF 4x4 2.0 TDi.e. Thema 2.0 TDi.e. Eng. 154 C4. 046/M407 CT 20.C	91→ 90→											
Delta 4WD 2.0TDi.e. Eng. M407 BT. 20.0/831 B5.000 Thema/Cambio 2.0 TDi.e. Eng. 834 C. 000/M601 A4. 20.007 1995ccm 121/130kw(165/177PS)	85→ 85→											
Dedra 2.0i.e. 8V Eng. 835 A2.000 1995ccm 85/88kw(115/120PS)	90→											
Prisma 1.6i.e. GT Eng. 138 AR2.000 1585ccm Prisma 2.0 4WD Eng. M407 BA.200/831 B4.000 1995ccm 85kw(115PS)	84-89 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	
LANCIA												
Phedra 2.0 16V Zeta 2.0 16V Eng. EW10J4-RFN 1997ccm 100kw(136PS)	02→ 00→	85 4	IN EX	V1091 V1092	96239503 96360017	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
Thema LS 2.0 16V Turbo Eng. 834 F2.000 Turbo 1995ccm 148kw(201PS)	92→	84 4	IN EX	V1389 V1390	7 687 459 7 687 460 7 687 469	27,5x7x128 29,5x7x125,5	45 45	1 1	VV267 VV267.1 VV267.2 VV267.3 VV267 VV267.1 VV267.2 VV267.3	7 616 998 7 616 992 7 616 993 7 616 994 7 616 998 7 616 992 7 616 993 7 616 994	7x14,04x51,3 +0,03 +0,08 +0,18 7x14,04x51,3 +0,03 +0,08 +0,18	G F G F
Zeta 2.0i.e Turbo Phedra 2.0i.e. Turbo Eng. XU10J2 CTE AD5 - RGX 1998ccm 108kw(147PS)	94→ 02→	86 4	IN EX	V997 V998	96059361 96117828 96147032	42,6x8x108,8 34,5x8x108,4	45 45	3 3	VV239 VV239.1 VV239.2 VV240 VV240.1 VV240.2	 8x13,08x43,6 +0,05 +0,20 8x13,08x50,6 +0,05 +0,20	B F B F	
Zeta 2.0 i.e. 16V Phedra 2.0 i.e. 16V Eng. XU10J4R-RFX →No 07358 1998ccm 97/100kw(132/136PS)	99-00 02→	86 4	IN EX	V909* V910* * Retainer s.e. 2,2 mm	91540748 0948.75 91540782 0949.81	34,6x7x106,4 29,6x7x105,7	45 45	3 3	VV244 VV244.1 VV244 VV244.1	0221.19 0221.19	7x12,08x40 +0,05 7x12,08x40 +0,05	B F B F
Zeta 2.0i.e. 16V Eng. XU10J4 DOHC-RFV 1998ccm 97kw(132PS)	00→	86 4	IN EX	V1183 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

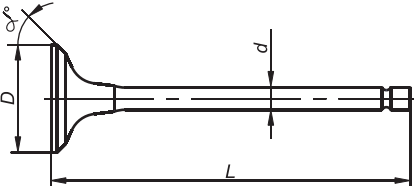
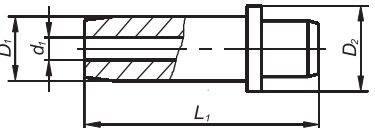
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LANCIA											
Delta 1300 79→ Prisma 1300 82→ Eng. 831 A2.000 1301ccm 57/58kw(75/79PS)	86,4 4	IN	V152	4 460 697 4 239 917	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	
								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	
Dedra 1.6i.e. 16V 96→ Delta 1.6i.e. 16V 96→ Libra 1.6i.e. 16V 99→ Eng. 182 A4.000-182 B6.000 Eng. 182 A6.000 1581ccm 76kw(103PS)	86,4 4	IN	V825	46462158 46517325	30,3x7x102,5	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	V826	46462159 46461209	29,8x7x102,8	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 1500 79→ Delta 1500 FL 83 79→ Prisma 1500 82→ Eng. 831 A1.000 Delta L83 OA 50 1.5 79→ Prisma OA 50 1.5 83→ Eng. 138.C2.048 1498ccm 59/62kw(80/85PS)	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	
								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	

	CYL. Ø 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 (Weber) 89→ Eng. 835 A1.000 Delta 6 1.6 89→ 1581ccm 66kw(90PS)	86,4 4	IN	V735	7 617 500	39,5x8x108,5	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 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	
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

	CYL. Ø 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											
Ypsilon 1.3 JTD 16V Musa 1.3 JTD 16V Eng. 188 A9.000 1248ccm 51kw(69PS)	03→ 03→	69,6 4	IN	V1413	46518930	21,7x6x109,2	45 3	VV391 VV391.1 VV391.2	46816601 46816602 46816604	6x10,03x43,2 +0,03 +0,23	G F3
Ypsilon 1.3 MJT 16V Eng. 199 A2/A3.000 1248ccm 55/66kw(75/105PS)	03→		EX	V1414	46518931	21,7x6x109,2	45 3	VV391 VV391.1 VV391.2	46816601 46816602 46816604	6x10,03x43,2 +0,03 +0,23	G F3
Ypsilon 1.3 16V MJ Musa 1.3 16V MJ Eng. Euro 5 1242ccm	09→ 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
			EX	V1874	55223836	22,5x6x109,2	45 3	VV391 VV391.1 VV391.2	46816601 46816602 46816604	6x10,03x43,2 +0,03 +0,23	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	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	55223836	24,5x5x114,4	45 3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A
Nuova Delta 1.9 MJT Eng. 844 A1.000 1910ccm	08→	82 4	IN	V1595* * Retainer s.e. 4,9 mm	55206431	27,9x5x114,4	45 3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	G A
			EX	V1596* 55205183 55207955 * Retainer s.e. 5,9 mm		24,4x5x114,4	45 3	VV437 VV437.1 VV437.2	55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23	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	V1033	608 14 605 46750859	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
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→										

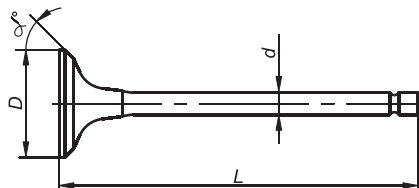
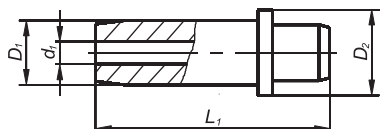
	CYL. Ø Nº	IN EX														
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE					
1	2	3	4	5	6	7	8	9	10	11	12					
LANCIA DIESEL																
Kappa 2.4 LE/LS TD 10V Eng. M717 AT 24T Eng. 838 A3/A8.000 2387ccm 91kw(124PS)	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) NEW	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	24,4x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G		
						VV437.1	55210015		+0,03	A						
		VV437.2	55210017				+0,23									

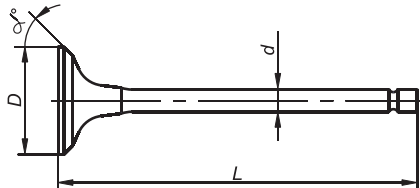
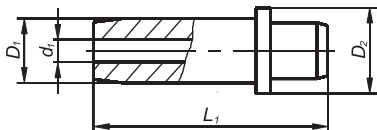
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
LANCIA DIESEL												
Prisma 1.9 D Eng. 831 D.000 1929ccm 48kw(65PS)	84→	82,6 4	IN	V733	5 990 532	37,5x8x116,8	45	1	VV69	4 250 803	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	24,4x5x114,4	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	99247742	35,6x6x107,1	45	3	VV378	96403403	6x10,06x41,5	G
									VV378.1		+0,05	A
									VV266		6x12,07x42,5	G
									VV266.1		+0,05	F
		EX		V1086	96247745	33,8x6x107,1	45	3	VV378	96403403	6x10,06x41,5	G
									VV378.1		+0,05	A
									VV266		6x12,07x42,5	G
									VV266.1		+0,05	F

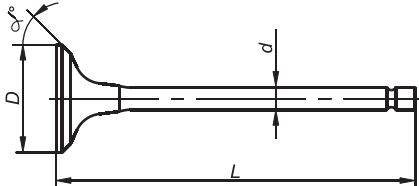
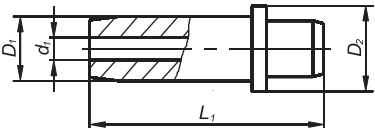
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LANCIA DIESEL											
Phedra 2.0 JTD 16V 02→ Zeta 2.0 JTD 16V 02→ Eng. DW10ATED4 RHW, RHM, RHT Engine Peugeot 1997ccm 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 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
			V326N3		+1,0S						
	89→	EX	V327	7 302 157 7 301 821	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
			V327N3		+1,0S						
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

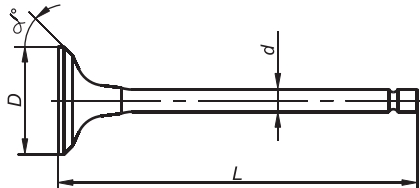
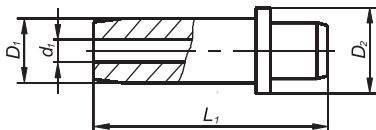
NEW

	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	27,4x6x90	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	7,9x13,5x55,5	G C4
		EX	V1902	ETC 5866	34,3x8,7x111,4	45	3	VV502	500145	8,7x14,3x52,5	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 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	
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 EX	V1333 V1334	LGH 100990 LGH 100980	37,2x7x86,7 32,5x7x86,7	45 45	1 1	VV375 VV375	LGJ 100510 LGJ 100510	7x12,05x28,3 7x12,05x28,3	G A 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(120PS)	98→	84,5 4	IN EX	V1731 V1732	ERR 6611 ERR 6612	34,7x7x105,3 31,7x7x105,3	60 45	3 3	VV474 VV474N VV474 VV474N	ERR 7225 ERR 7225	7x12,06x39 +0,05 7x12,06x39 +0,05	G A G A
Freelander 2.2 TD4 16V Eng. 4HT Evoque 2.2 TD Eng. 224DT 2179ccm	06→ 11→	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
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 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

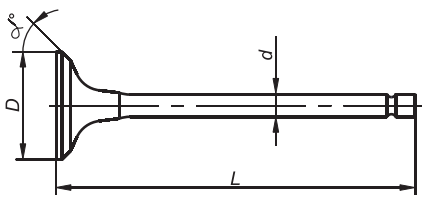
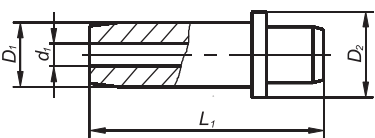
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
LAND ROVER DIESEL												
Defender 2.5 TDi 90/110/130 Discovery 2.5 TDi Range Rover 2.5 TDi Eng. 12L-200TDi 2495ccm	90-94 89-94 90-94 83kw(113PS)	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→ 67kw(91PS)	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
LEXUS												
IS 200 114KW Eng. 1GFE 1998ccm	99→	6	IN EX	V1905 V1906	13711-70060 13715-70080	29,5x5x91,7 25x5x91,8	45 45	1 1				
LEXUS DIESEL												
IS 200D 16V Eng. 2AD FHV-FTV 2230ccm	07→	86 4	IN EX	V1661 V1662	13711-0R010 13715-0R010	30,1x6x104,3 27x6x104,1	45 45	1 1	VV374 VV374	111-22-30020 111-22-30020	6x11,09x40,6 6x11,09x40,6	G P G P

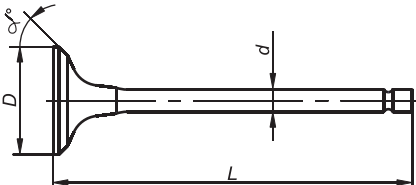
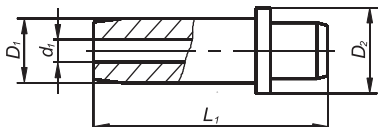
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LEYLAND											
Eng. 0401, 0402-NA 6540ccm	66→ 96kw(130PS)	107,2 6	IN	V377	10618846 PLA2584	45,7x8,7x145,9	60 1				
Eng. 0410, 0411 Turbo 6450ccm	73→ 109kw(148PS)		EX	V378	10618851 PLA2585	42,8x8,7x145,9	60 1				
LIAZ											
Eng. M2.4			IN	V324	61 2 4095	43x10x164,6	60 1				
			EX	V325	61 2 3919	43x10x164,6	45 1				
Eng. MS 637/638		130 6	IN	V201	442.1 1209 0145 61 014 1209	57x12x163,8	60 1				
			EX	V472	442.1 1209 0155 61 015 1209	50x12x163,8	45 1				
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				
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 NEW		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

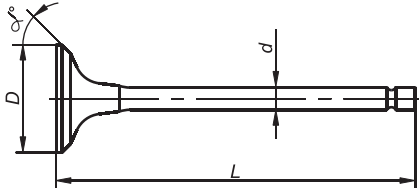
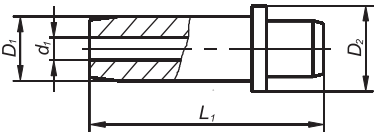
	CYL. Ø N _e	IN EX										
AV REF.			ORIGINAL PART N _e	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _e	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE		
1	2	3	4	5	6	7	8	9	10	11	12	
LOMBARDINI												
ENG. LDA 520/530 2° serije ENG. GLD 260/325/360/400 360V/400V G 26	79→ 87→	1	IN EX	V603 V604	520-9652-040 520-9685-051	34,3x7x83,8 29,5x7x83,5	45 45	1 1	VV109 VV109.1 VV109.2 VV110 VV110.1 VV110.2	500-4845-71 500-4845-30	7x11,05x40 +0,05 +0,10 7x11,05x33 +0,05 +0,10	G A1 G A1
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

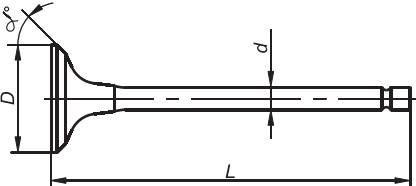
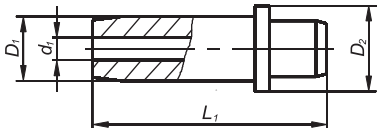
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
LOMBARDINI											
ENG. LDA 450/490/510 0.4D 454ccm 7,3kw(10PS) ENG. 3LD 450 0.4D 87→ ENG. 3LD 510 0.5D 87→ 510ccm 8kw(11PS) GR 3	85 1	IN	V276	283-9652-017	34,3x7x99,4	45	1	VV87	285-4845-53	7x11,06x56	G
			V276N1		+0,5S			VV87.1		+0,05	A126
			V276N3		+1,0S			VV87N		+0,10	
								VV87N1		+0,20	
		EX	V277	283-9685-027	29,5x7x99	45	1	VV88	285-4845-50	7x11,06x44	G
			V277N1		+0,5S			VV88.1		+0,05	A1
			V277N3		+1,0S			VV88N		+0,10	
								VV88N1		+0,20	
								VV88N2		+0,30	
ENG. LDA 96/97 638ccm ENG. LDA 100 707ccm 10,5kw(14PS) ENG. LDA 820 817ccm 12kw(16,4PS) GR 4	95 1 100 1 102 1	IN	V274	291-9652-019	42x8x111,2	45	1	VV85	291-4845-47	8x12,05x66	G
								VV85.1		+0,05	A126
								VV85N		+0,10	
								VV85N1		+0,20	
		EX	V275	291-9685-031	35,5x8x111	45	1	VV86	291-4845-46	8x12,05x48	G
								VV86.1		+0,05	A1
								VV86N		+0,10	
								VV86N1		+0,20	
								VV86N2		+0,30	
ENG. LDA/LDA L 672 1346ccm 20,6kw(28PS) ENG. LDA/LDA L 673 2019ccm ENG. LDA/LDA L 674 2962ccm ENG. LDA832/833/834 GR 5	95 2 95 3 95 4	IN	V240	276-9652-015	40x9x111,9	45	1	VV137	276-4845-56	9x15,06x68	G
								VV137.1		+0,03	A12
								VV137.2		+0,08	
		EX	V241	276-9685-019	35,5x9x111,7	45	1	VV138	276-4845-57	9x15,06x51	G
								VV138.1		+0,03	A1
								VV138.2		+0,08	

	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	
LOTUS												
ELISE 1.8i 16V Eng. 18K4F 1796ccm	00→	80	IN	V1329	LGH 10029	27,7x6x89,6	45	1	VV415	LGJ 10034	6x9,89x30	G
		4	EX	V1332	LGH 10065 LGH 101360	27,5x6x90	45	1	VV415N VV416 VV416N	LGJ 10033	+0,05 6x9,89x30 +0,05	A1 G A12
ELISE 111S 1.8 16V WC Eng. 18K4K 1796ccm												
ELISE 1.6i 16V Eng. 1ZR-FAE 1598ccm	07→	87,5	IN	V1799	13711-37020	32x5,5x109,4	45	1	VV368	11122-20020	5,5x10,35x34,5	G
		4	EX	V1800	13715-37030	27,5x5,5x108,3	45	1	VV368	11122-20020	5,5x10,35x34,5	P G P
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				
MAN – RABA												
Eng. D 0224M/ME/MF 6/8.90 379ccm 58/66xkw(79/90PS)	79→	102	IN	V745	51 04101 0417 51 04101 0398	47x10x136,6	45	1	VV189	51.03201.1057	10x16,03x60	G
		4	EX	V746	51 04101 0410	42x10x136,3	45	1	VV190	51.03201.1053	10x16,03x55	F2 G F
Eng. D 0226 M/ME/MF Eng. D 0226 MFA/MFM Eng. D 0226 MFO/MH 8/9/10/11/12/14.136 5687ccm 66/100kw(90/136PS)	79→	102	IN	V745	51 04101 0417 51 04101 0398	47x10x136,6	45	1	VV189	51.03201.1057	10x16,03x60	G
		4	EX	V746	51 04101 0410	42x10x136,3	45	1	VV190	51.03201.1053	10x16,03x55	F2 G F
Eng. D 0226 MC/MK/ML Eng. D 0226 MT Turbo 12/14/16-170 12/14.192 5687ccm 81/154kw(110/209PS)	83→	102	IN	V932	51 04101 0422 51 04101 0425	49x10x136,6	60	1	VV189	51 03201 1057 51 03201 0106	10x16,03x60	G
		6	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	F2 G F
Eng. D 0824 GF/LF/LOH 4580ccm 75/108kw(102/112PS)	86→	108										

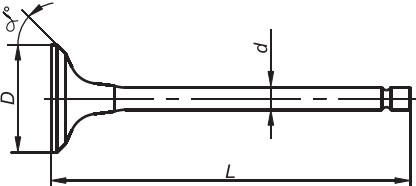
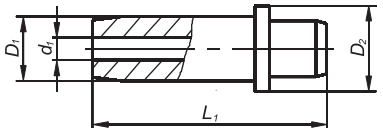
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS $d_1 \times d_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAN – RABA											
Eng.D 0826 GF/GFA 6871ccm 86→ 110kw(150PS)	108 6	IN	V932	51 04101 0422 51 04101 0425	49x10x136,6	60	1	VV189	51 03201 1057 51 03201 0106	10x16,03x60	G F2
Eng.D 0826 TOH 6596ccm 86→ 132kw(180PS)		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 0826 LOH, LFL, LF LF Turbo 6871ccm 6871ccm 91→ 140kw(190PS) 169/198kw(230/270PS)											
ENG.D0834 Euro 3 LF40/LF41/LF42/LOH 40 4580ccm 05→ 103–151kw(140–205PS)	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 05→ 110–151kw(150–206PS)		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/LUH40/LUH41/LUH50 ENG.D0836 Euro 4 LFL50/LFL51/LFL52/LFL53/LFL54 LFL55/LOH51/LOH52/LOH53/LOH54 LOH55/LOH56/LOH57/LOH58/LOH62/LOH63 6871ccm 02→ 05→ 176–240kw(240–326PS)											
ENG.D0836 LFL60/LFL61/LFL62/LOH60/LOH61 ENG.D0836 Euro 5 LFL63/LFL64/LFL65/LOH64/LOH65 6871ccm 184–250kw(250–340PS)											

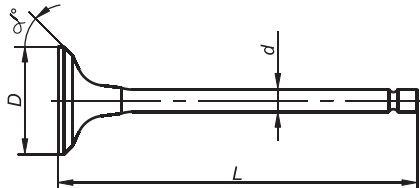
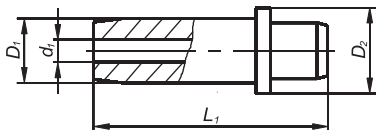
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MAN – RABA												
ENG. D0836 M/HM/HMU 7030ccm 100kw(136PS)	69-73	108 6	IN EX	V1301 V1302	51.04101.0328 51.04101.0356	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. D0846 HM2/HMM2/HMY 7253ccm 118kw(160PS)	69-73											
ENG. 2066 Euro 3 L01/02/03/04/06/07 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

	CYL. Ø 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 2146 M/HM 9659ccm 127/156kw(172/212PS)	63-72 6	IN	V303	51 04101 0305	55,9x12x148,9	45	1	VV19	51 03201 0047	12x20,06x78	G F
				1 04101 0305					1 03201 3019		
ENG. D 2156 M/HM 10344ccm 141/169kw(192/230PS)	66-75 6	EX	V304	51 04101 0373	48,9x12x148,5	45	1	VV20	51 03201 0075	12x20,06x69	G F
				1 04101 0273					1 03201 3020		
ENG. D 2146 MT-Turbo 9659ccm 155/170kw(210/230PS)	60-65 6	IN	V339	51 04101 0379	55,9x12x148,9	60	1	VV19	51 03201 0047	12x20,06x78	G F
				1 04101 0304					1 03201 3019		
ENG. D 2156 MT-Turbo 10334ccm 188kw(256PS)	68-71 6	EX	V304	51 04101 0373	48,9x12x148,5	45	1	VV20	51 03201 0075	12x20,06x69	G F
				1 04101 0273					1 03201 3020		
ENG. D 2356 HM 10/12/13/16/19/22/30.230 SG 192, SU 230 11U192, 12U192 10690ccm 170kw(230PS)	68-74 6	IN	V690	51 04101 0349	56,9x12x148,9	45	1	VV19	51 03201 0047	12x20,06x78	G F
				51 04101 0329					1 03201 3019		
		EX	V406	51 04101 0364	51,9x12x148,5	45	1	VV20	51 03201 0075	12x20,06x69	G F
				1 04101 0303					1 03201 3020		
ENG. D 2530 ME/MF/MX DF-4525, DF-5175, DFK-3875 15950ccm 156/235kw(212/320PS)	80-81 V-10	IN	V691	51 04101 0332	58x12x142,5	45	1	VV23	51 03201 0088	12x18,04x64 +0,05 +0,20 +0,40	G F
								VV23N			
								VV23.1	51 03201 1035		
								VV23.2	51 03201 1037		
ENG. D 2538 M/ME/MF 12756ccm 160/188kw(218/256PS)	80-81 V-8	IN	V461	51 04101 0405	57x12x142,5	45	1	VV23	51 03201 0088	12x18,04x64 +0,05 +0,20 +0,40	G F
								VV23N			
ENG. D 2555 M/MF/MX 9199ccm 123/141kw(168/192PS)	80-81 5	EX	V456	51 04101 0367	51x12x142,5	45	1	VV23	51 03201 0088	12x18,04x64 +0,05 +0,20 +0,40	G F
				51 04101 0447							
ENG. D 2556 M/MF/MX SD/SL 200, SU 240 11045ccm 144/177kw(200/240PS)	80-81 6		V456N1 V456N3	51 04101 0479	+0,5S +1,0S			VV23.1 VV23.2	51 03201 1035	+0,20 +0,40	
									51 03201 1037		
ENG. D 2565 HM/M/ME 9510ccm 92/141kw(125/192PS)	80-81 5										
ENG. D 2565 MUH Bus 9510ccm 141kw(192PS)	80-81										

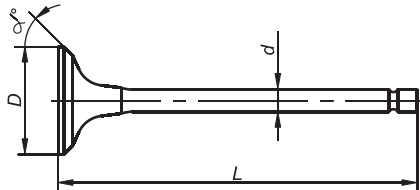
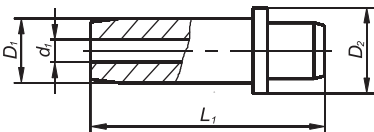
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAN – RABA											
ENG. D 2566 HM/M/ME Eng.D 2566 MH/MR/MX 11407ccm 125/177kw(170/240PS)	80–81	125 6	IN	V691	51 04101 0332	58x12x142,5	45 1	VV23	51 03201 0088	12x18,04x64	G
								VV23N		+0,05	F
								VV23.1	51 03201 1035	+0,20	
								VV23.2	51 03201 1037	+0,40	
ENG. D 2566 MU 200, 220, 400 11413ccm 144/177kw(200/240PS)	80–81		IN	V461	51 04101 0405	57x12x142,5	45 1	VV23	51 03201 0088	12x18,04x64	G
								VV23N		+0,05	F
								VV23.1	51 03201 1035	+0,20	
								VV23.2	51 03201 1037	+0,40	
ENG. D 2566 MUH SG192, SD200, SL220, SG220 SR240, SU240, SUE240 11407ccm 177kw(240PS)	80–81		EX	V456	51 04101 0367 51 04101 0447 51 04101 0479	51x12x142,5	45 1	VV23	51 03201 0088	12x18,04x64	G
								VV23N		+0,05	F
								VV23.1	51 03201 1035	+0,20	
								VV23.2	51 03201 1037	+0,40	
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	51 03201 0088	12x18,04x64	G
								VV23N		+0,05	F
								VV23.1	51 03201 1035	+0,20	
								VV23.2	51 03201 1037	+0,40	
ENG. D 2566 MK/ML/MT ENG. D 2566–Turbo Bus 297/298 15900ccm 223/294kw(303/400PS)	76→	125 6	EX	V455N1 V455N3	+0,5S +1,0S	51x12x142,5	45 1	VV23	51 03201 0088	12x18,04x64	G
								VV23N		+0,05	F
								VV23.1	51 03201 1035	+0,20	
								VV23.2	51 03201 1037	+0,40	
ENG. D 2530 MT–Turbo Industrial/Marine Engines 15900ccm 223/294kw(303/400PS)	76–81	125 V–10	EX	V456	51 04101 0367 51 04101 0479 51 04101 0447	51x12x142,5	45 1	VV23	51 03201 0088	12x18,04x64	G
								VV23N		+0,05	F
								VV23.1	51 03201 1035	+0,20	
								VV23.2	51 03201 1037	+0,40	
ENG. D 2538 MT–Turbo 12760ccm 178/235kw(242/320PS)	76–81	125 V–8	EX	V456N1 V456N3	+0,5S +1,0S	51x12x142,5	45 1	VV23	51 03201 0088	12x18,04x64	G
								VV23N		+0,05	F
								VV23.1	51 03201 1035	+0,20	
								VV23.2	51 03201 1037	+0,40	
ENG. D 2542 MTE–Turbo Industrial/Marine Engines 20190ccm 383kw(520PS)	76–81	125 V–12	EX	V456N1 V456N3	+0,5S +1,0S	51x12x142,5	45 1	VV23	51 03201 0088	12x18,04x64	G
								VV23N		+0,05	F
								VV23.1	51 03201 1035	+0,20	
								VV23.2	51 03201 1037	+0,40	
ENG. D 2840 F–Turbo 18270ccm 338/382kw(460/520PS)	87→	128 V–10	EX	V456N1 V456N3	+0,5S +1,0S	51x12x142,5	45 1	VV23	51 03201 0088	12x18,04x64	G
								VV23N		+0,05	F
								VV23.1	51 03201 1035	+0,20	
								VV23.2	51 03201 1037	+0,40	
ENG. D 2840 LF–Turbo 18720ccm 368kw(500PS)	90→	128 V–10	EX	V456N1 V456N3	+0,5S +1,0S	51x12x142,5	45 1	VV23	51 03201 0088	12x18,04x64	G
								VV23N		+0,05	F
								VV23.1	51 03201 1035	+0,20	
								VV23.2	51 03201 1037	+0,40	

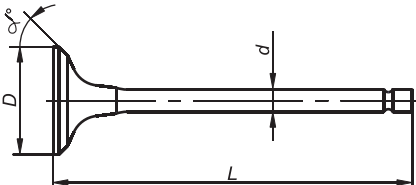
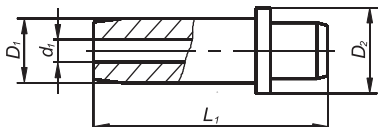
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAN – RABA											
ENG. D 2842 LF-Turbo LFX-Turbo 21930ccm 530/735kw(720/1000PS)	90→	128 V-12	IN	V455 V455N1 V455N3	51 04101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

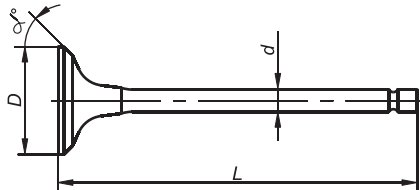
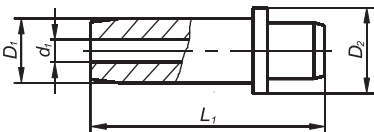
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAN – RABA											
ENG. D 2866 LOH 23, LUX LF-Turbo 11967ccm 272/309kw(370/420PS)	128 6	IN	V455	51 04101 0348 51 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										

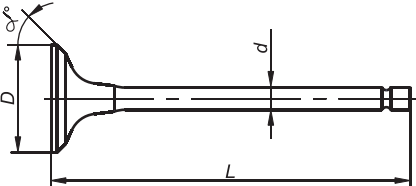
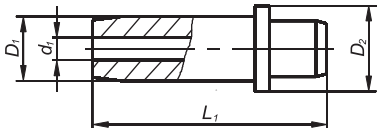
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MAN – RABA												
ENG. G2866 Euro 2 DUH01/DUH02/DUH05 11967ccm 151–177kw(205–240PS)	02→	128 6	IN	V2083	51.04101.0438	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
			EX	V2084	51.04101.0439	51x12x142,5	60	1	VV331 VV23 VV23N VV23.1 VV23.2 VV332	51 03201 0108 51 03201 0088 51 03201 1035 51 03201 1037 51 03201 0102	12x18,04x59,5 12x18,04x64 +0,05 +0,20 +0,40 12x18,04x56	G F G F G F
NEW												
ENG. D 2842 LE201/LE202/LE203 21930ccm 446–682kw(606–928PS)	94→	128 12	IN	V455 V455N1 V455N3	51 04101 0348 51 04101 0375 51 04101 0478	58x12x142,5 +0,5S +1,0S	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
			IN	V2085	51 04101 0462 51 04101 0499 51 04101 0509	58x12x142,5	60	4	VV23.2	51 03201 1037	+0,40	
			EX	V2086	51 04101 0463 51 04101 0501 51 04101 0503	51x12x142,5	45	4	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
			EX	V456 V456N1 V456N3	51 04101 0367 51 04101 0479 51 04101 0447	51x12x142,5 +0,5S +1,0S	45	1	VV23.2	51 03201 1037	+0,40	
NEW												

	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. D 2876 LUH01, LUH02, LUH03 Euro 2 12816ccm	128 6	IN	V2085	51 04101 0509	58x12x142,5	60	4	VV23	51 03201 0088	12x18,04x64	G
								VV23N		+0,05	F
								VV23.1	51 03201 1035	+0,20	
								VV23.2	51 03201 1037	+0,40	
		EX	V2086	51 04101 0501	51x12x142,5	45	4	VV23	51 03201 0088	12x18,04x64	G
								VV23N		+0,05	F
								VV23.1	51 03201 1035	+0,20	
								VV23.2	51 03201 1037	+0,40	
ENG. D2866 Euro 3 94→ 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)	128 6	IN	V1235	51 04101 0482	46x9x153,6 +1,0S	60	1	VV302	51 04101 0115	9x15,04x66,5	G
			V1235N3						51 04101 0126		F
									51 04101 1079		
		IN	V1423	51 04101 0547	46x9x153,6 +1,0S	60	3		51 04101 1090		
			V1423N3								
		EX	V1236	51 04101 0483	46x9x153,6 +1,0S	45	1	VV302	51 04101 0115	9x15,04x66,5	G
			V1236N3						51 04101 0126		F
									51 04101 1079		
									51 04101 1090		
		EX	V1424	51 04101 0548	46x9x153,6 +1,0S	45	3				
			V1424N3								
ENG. D2866 Euro 2 97→ LF29/LF30/LF34/LF35 11967ccm 228–301kw(310–410PS)		EX	V1424	51 04101 0548	46x9x153,6 +1,0S	45	3				
			V1424N3								
ENG. D2866 Euro 2 94→ LF31/LF32/LF36/LF37/LF39/LF40 LF41/LF42/LFG05 11967ccm 228–301kw(310–410PS)											
ENG. D2866 Euro 1 94→ LG03 11967ccm 272kw(370PS)											
ENG. D2866 Euro 1 94→ LG04 11967ccm 309kw(420PS)											
ENG. D2876 Euro 2 97→ LF01/LF06/LF07/LF08/LF11 301–338kw(409–460PS)											

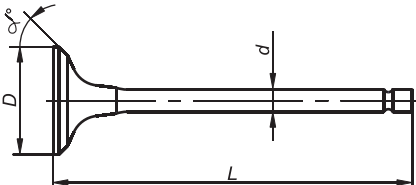
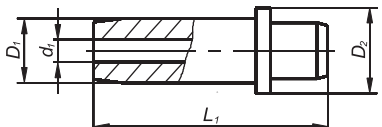
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MAN – RABA												
ENG. D2876 Euro 3 LF03/LF04/LF05/LF09/LF10 LF14/LF17/LF20/LF21/LF22 LF24/LFG01/LOH03 12816ccm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

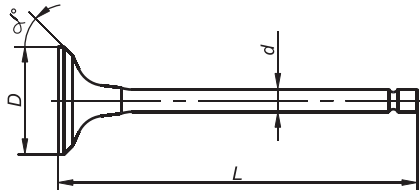
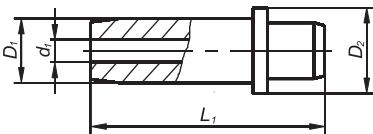
	CYL. Ø Nº	IN EX											
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE		
1	2	3	4	5	6	7	8	9	10	11	12		
MASSEY – FERGUSON													
ENG. P6.288 4730ccm 57-72 61kw(83PS)	88,9 6	IN	V07	31431261 731151 M1	39x8x114,3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

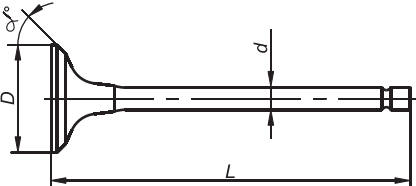
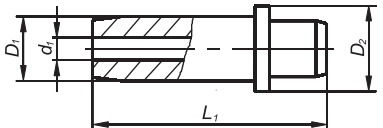
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MASSEY – FERGUSON											
ENG. A 4.236 3864ccm 37/65kw(50/89PS)	98,48 4	IN	V199 V199N V199N1 V199N2 V199N3 V199N5 V199N6 V199N7 V199N9	31431315	44,2x9,5x122,9 +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)	69-76 44kw(60PS)	IN	V343 V343.1 V343.2 V343N V343N1 V343N2 V343N3 V343N5 V343N6 V343N7 V343N9	31431311 31431871 733819 M1 31431103 31431641	44,2x9,5x122,9 +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	3343F041	9,5x15,9x58 +0,05 +0,40	G F
ENG. 4.236 3864ccm 65→ 48/60kw(59/80PS)	65→ 48/60kw(59/80PS)	IN	V1941	3142H002	44,2x9,5x122,8	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)	69→ 44/47kw(60/64PS)	IN	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

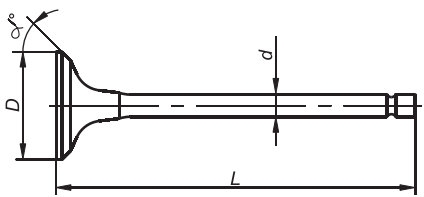
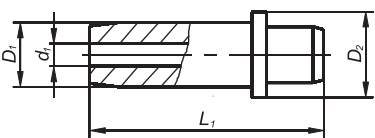
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MASSEY – FERGUSON											
ENG. A 4.236 3864ccm 37/65kw(50/89PS) ENG. D 4.212 3475ccm 69-76 44kw(60PS) ENG. 4.236 3864ccm 65→ 48/60kw(59/80PS) ENG. 4.212 3475ccm 69→ 44/47kw(60/64PS) ENG. 4248 4064ccm 69→ 53/66kw(72/90PS) ENG. 6354 5794ccm 64→ 69/82kw(91/112PS) ENG. 6.372.4 6100ccm 69→ 82/87kw(112/118PS)	98,48 4 101,054 4 101,054 6	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
			V344.1		0,075d						
			V344.2		+0,4d						
			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						
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				
		EX	V1868	3142A151	41,6x9x129,2	60	1				
ENG. 1103CT-33 Euro 2 3300ccm 47/55kw(64/75PS)											

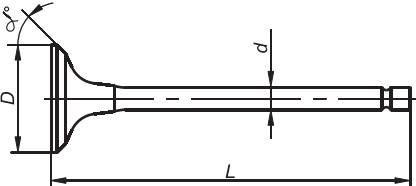
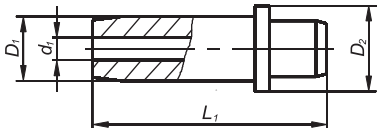
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAZDA											
Festival 121 1.3 Familia 323 1.3 Eng B3 1323 ccm 40/44kw(54/60PS)	87→ 89→ 4	71 4	IN EX	V1153 V1154	B 308-12111 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

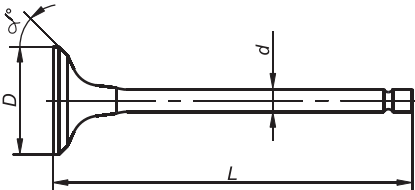
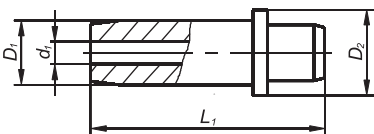
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAZDA											
Mazda 2 1.4i 16V Eng. FXJA – FYJA 1388 ccm 74kw(101PS)	03→ 76 4	IN	V1288	C601-12111A	28x6x99,5	45	3	VV178 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 55kw(75PS)	98→ 85-95 78 4	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→ 78 4	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→ 78 4										

	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
MAZDA											
MX3 1.6i 16V MX5 1.6i 16V 1597 ccm 65/85kw(88/115PS)	96→ 98→ 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→ 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→ 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
Familia, 323 1.8i 16V MX5 1.8i 16V Eng. BP/B5 1840 ccm 102/107kw(139/146PS)	94→ 98→ 83 4	IN EX	V1637 V1638	BP05-12111 BP4W-12121 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(139/116PS)	05→ 02→ 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→ 83,5 4	IN EX	V2087 V2088	PE01-12-111 PE01-12-121	33,2x5,5x107,1 28x5,5x117	45 45	1 1				
NEW											

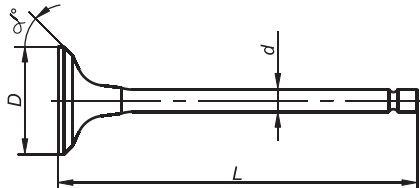
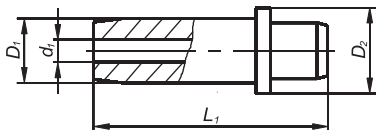
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAZDA											
323 1.8i 16V 626 1.8i 16V MX6 1.8i 16V Premacy 1.8i 16V Eng. FP/FP-9A 1840 ccm 66/77/84kw	98→ 97→ 93→ 99→	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 85/90kw(115/122PS)	92→ 92→ 99→ 04→	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 98kw(133PS)	92→	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 105kw(143PS)	94→ 94→		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 75kw(102PS)	82→ 82→	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 85kw(115PS)	88→		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	35,1x6x103,5	45 1				
			EX	V1912	L3K9-12121C	30x6x104,7	45 1				

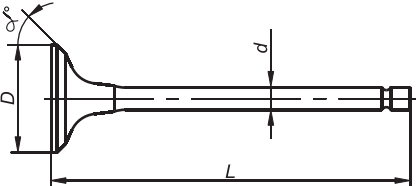
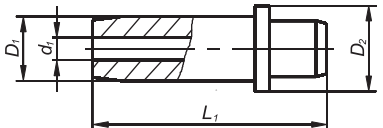
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAZDA											
		IN	V1869		33,7x6x103,2	45	1				
		EX	V1870		29x6x104	45	1				
Mazda 3 2.0i 16V 03→ Mazda 5 2.0i 16V 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	AJ03-12111	34,9x6x114,4	45	3			
		EX	V1914	AJ03-12121	29,9x6x115,4	45	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

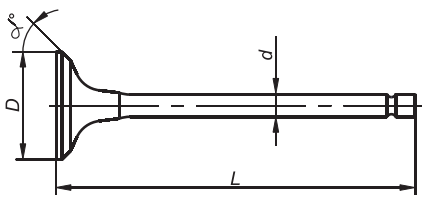
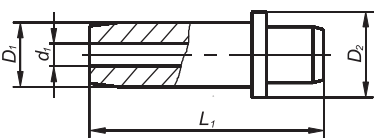
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MAZDA DIESEL											
121 1.8 D Eng. RTE/TE 1753ccm 44kw(60PS)	96→	82,5 4	IN	V613	89FF6507AA	36,5x8x107,1	45 3	VV179	7402396	8x12,76x38	G F
			EX	V614	89FF6505AA	32x8x109,2	45 3	VV179	7402396	8x12,76x38	G F
CX 2.2 D 6 2.2 D 3 2.2 D Eng. SHY1 2191ccm NEW	12→ 13→ 14→	83,5 4	IN	V2089	SH01-12-111	29,7x5,5x103	45 1				
			EX	V2090	SH01-12-121A	25,5x5,5x100	45 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	V1513	RF2A-12111	29,7x6x115,3	45 1	VV360	RFY-10-291	6x11,04x45	G P
			EX	V1514	RF2A-12121	25,5x6x114,6	45 1	VV360	RFY-10-291	6x11,04x45	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	V1639	RF5C-12111	27,2x6x115,2	45 1	VV360	RFY-10-291	6x11,04x45	G P
			EX	V1514	RF5C-12121 RF2A-12121	25,5x6x114,6	45 1	VV360	RFY-10-291	6x11,04x45	G P
6.2.2 CD CX 7 2.2 CD Eng. MRZ 2184ccm	09→ 09→	86 4	IN	V1915	R2AA-12-111	27,3x6x91,8	45 1	VV360	RFY-10-291	6x11,04x45	G P
			EX	V1916	R2AA-12-121	25,4x6x91,3	45 1	VV360	RFY-10-291	6x11,04x45	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	V1023	RF01-12111	41x8x107	45 1	VV279	011-10-280	8x14,04x40,5	G A1
			EX	V1024	RF01-12121	36x8x106,8	45 1	VV280	011-10-290	8x14,04x37,7	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 626 2.0TD Primacy 2.0 TD Eng. RF Turbo 1998ccm 46/55kw(63/75PS)	94→ 94→	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
B Series 2.2 D Pick up Bongo 2.2 D E Series 2.2 D Bus/Van Eng. R2 2184ccm 47/52kw(64/71PS)	84→ 83→ 84→											
BT 50 2.5 TD 4x4 MPV 2.5 TD B2500 2.5 TDS Eng. WLT/WG 2499ccm 80/105kw(109/143PS)	06→ 99→ 98→	93 4	IN EX	V1515 V1516	WL01-12111 WL51-12111 WL01-12121 WL51-12121A	32,7x7x112 35,6x7x111,8	45 45	1 1	VV465 VV465	WLY1-10-280 WLY1-10-280	7x12,06x46 7x12,06x46	G P1 G P1
BT-50 tdi 16V Eng. WL 2499ccm NEW	06→	93 4	IN EX	V2047 V2048	1449108 6M346507AA 1449109 6M346505AA	31x6x112 28x6x112	45 45	1 1				
MERCEDES – BENZ												
ENG. M 160 E6AL B03 599ccm 40kw(54PS)		63,5 3	IN EX	V1125 V1126	160 053 0001 160 053 0027	30x6x89,3 25x6x89,3	45 45	1 1	VV562 VV562N VV562 VV562N		6x12,56x35 +0,05 6x12,56x35 +0,05	G F G F
ENG. M 160 E6AL B04 559ccm 33kw(45PS)												
ENG. M 160 E6AL B05 599ccm 45kw(61PS)												
A140/A140 Long 1.4i Eng. M166.940 1397ccm 59kw(80PS)	97→	80 4	IN EX	V1549 V1550	166 053 0101 166 050 0327	40x6x103 34x7x102,7	45 45	1 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
A160/A160 Long 1.6i Vaneo 1.6i Eng. M166.960/961 1598ccm 75kw(102PS)	97→ 02→											

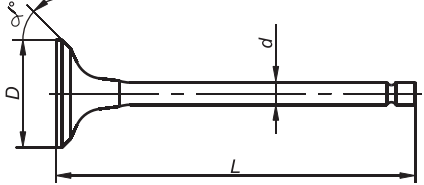
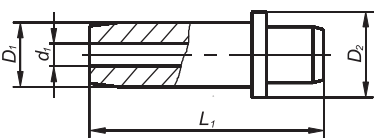
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ											
V280 2.8 12V Eng. M104. 900 2792ccm 128kw(174PS)	97→01 6	81 IN EX	V929 V930	021 109 601H 021 109 611D	39x7x106 34,2x7x107	45 45	3 3	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
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 IN EX	V1763 V1764	271 053 0001 271 050 0027 271 050 0427	30,5x7x105,4 27x7x109,2	45 45	1 1	VV481 VV481N VV481 VV481N	137 053 0230 137 053 0230	7x12,56x40 +0,05 7x12,56x40 +0,05	G F1 G 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 IN EX	V1765 V1766	271 053 0501 271 050 0627	30,5x6x105,4 27x6x109,3	45 45	3 3	VV202 VV202.1 VV202.2 VV202.3 VV202 VV202.1 VV202.2 VV202.3	 6x12,56x43,5 +0,05 +0,10 +0,20	6x12,56x43,5 +0,05 +0,10 +0,20	B F B F
A150 1.5 B150 1.5 Eng. MB266.920 1498ccm A170 1.7 B170 1.7 Eng. MB266.940 1699ccm A200 2.0 B200 2.0 Eng. MB266.960/980 2034ccm	04→ 05→	83 IN EX	V1527 V1574	166 053 0201 266 053 0105 266 050 0027	43x6x103 35x7x102,7	45 45	1 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

	CYL. Ø 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 97→00	83,2 V6	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
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
				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
			EX	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
				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) 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) 220 E, 220 TE, 220 CE2.2 16V E 220, C 220 2.2 16V Eng. M111 E22 2199ccm 100kw(150PS) C200, C200T, SL200 2.0 16V SLK200, CLK200 2.0 16V Eng. M111 E20 1998ccm 100kw(136PS) C200T 2.0 16V Eng. M111 E20 1998ccm 100kw(136PS)	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
				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
	95→	89,9	EX								
	95→	4									
	95→	4									

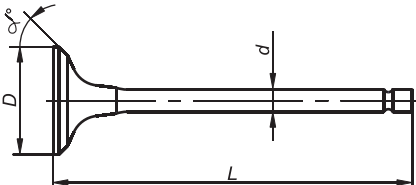
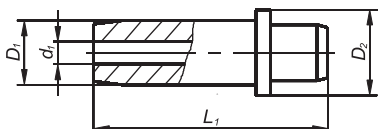
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ											
C240, E240 2.6 18V CLK240 2.6 18V Eng. M112.912/914 2597ccm 125/130kw(170/177PS)	99→ 02→	89,9 V6	IN	V1551	113 053 0101	36x7x119,4	45	1	VV346 VV346N VV346.1 113 053 0329 VV346.2 113 053 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 VV346.1 113 053 0329 VV346.2 113 053 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									
C230 2.4 Eng. M272. 921 2496ccm 150kw(204PS)	06→	86 V6	IN	V1767	272 053 0801	37x6x109,4	45	3			
CLK280 3.0 C280 3.0 E280 3.0 R280 3.0 Eng. M272. 943/945/947 2996ccm 170kw(231PS)	07→ 07→ 07→ 07→		EX	V1768	272 050 0927	28x6x107,4	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											
190, 190E, 200 2.0 Eng. M102. 921 1997 ccm 63/66kw(86/90PS)	82→	89 4	IN 								

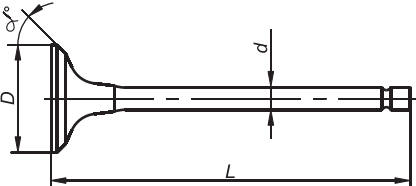
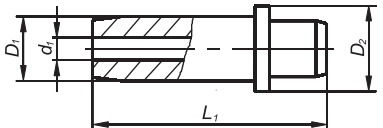
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ											
300 SE, SEL 3.2 24V S320 3.2 24V Eng. M104 3199 ccm 170kw(231PS)	91→ 91→	89,9 6	IN 	V1099 V1100	104 053 1401 104 050 1727	35x7x101,5 31x8x103,5	45 1 45 1	VV261 VV261N VV261.1 VV308 VV308N VV308.1	104 050 5224 104 050 5324 104 050 4724 104 050 4824	7x13,53x35,5 +0,05 +0,20 8x13,53x38 +0,05 +0,20	B F1 B F1
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→95 92→95	89,9 4	IN 	V1547 V1548	111 053 0201 111 053 0101 111 050 0527	35x7x101,5 31x7x103,5	45 3 45 3	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
C220 2.2 16V E220 2.2 16V 220E/CE/TE 2.2 16V Eng. M111.960/961 2199ccm 110kw(150PS)	93→ 92→95 92→95	89,9 6	IN 	V1547 V1548	111 053 0201 111 053 0101 111 050 0527	35x7x101,5 31x7x103,5	45 3 45 3	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
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→95	89,9 6	IN 	V1547 V1548	111 053 0201 111 053 0101 111 050 0527	35x7x101,5 31x7x103,5	45 3 45 3	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
CL600 6.0 48V S600, SL600 6.0 48V Eng. M120.980/981/982 5987ccm 290kw(394PS)	92→ 92→	89 V12	IN 	V1547 V1548	111 053 0201 111 053 0101 111 050 0527	35x7x101,5 31x7x103,5	45 3 45 3	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
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→95 92→95 93→	89,9 6	IN 	V1547 V1548	111 053 0201 111 053 0101 111 050 0527	35x7x101,5 31x7x103,5	45 3 45 3	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

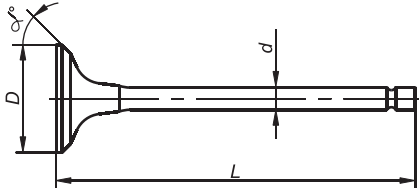
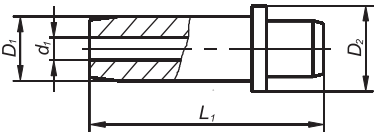
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ											
C280, 280E 2.8 24V 280TE, E280 2.8 24V Eng. M104 2799ccm 142kw(193PS)	95→ 95→	89,9 6	IN	V1229	111 053 1101	35x7x101,5	45 1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
S280, 300SE 2.8 24V Eng. M104 SL280 2.8 24V 2799ccm 142kw(193PS)	98→ 98→		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
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→										
C230T 2.3 16V Turbo CLK/SLK230 2.3 16V Turbo Eng. OM 111 Turbo 2295ccm 142kw(153PS)	95→ 00→										

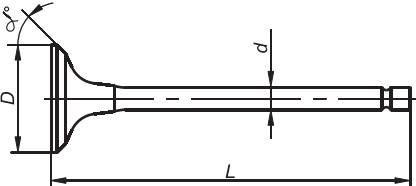
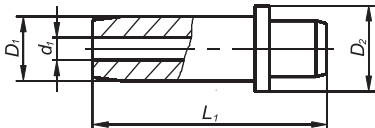
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ											
C36 AMG 3.6 24V Eng. M104 3606ccm 206kw(280PS)	95→ 6	91 IN	V1229	111 053 1101	35x7x101,5	45	1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
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 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
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→	 IN									
230GE 4x4 2.3 230GE 4x4 Cabriolet 2.3 Eng. M102 2299ccm 79/92kw(108/125PS)	82→ 89→	 IN									
190E 2.3 16V Eng. M102.983 2299ccm 125/136kw(170/185PS)	84-88	95,5 4 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

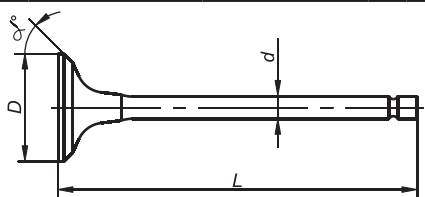
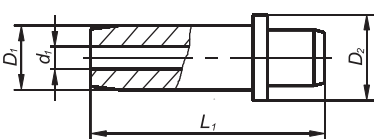
																
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE					
1	2	3	4	5	6	7	8	9	10	11	12					
MERCEDES – BENZ																
		IN	V2009	273 053 0326	42x6x107,9	45	3									
		EX	V2010	273 050 0427	32x6x107,3	45	3									
C350 3.5		IN	V2001		39,5x6x108,5	45	1									
3498ccm	V6	EX	V2002		30x6x107	45	1									
C350 3.5	02→	IN	V1769	272 053 0501	39,6x6x108,8	45	3									
CLS350 3.5	05→	V6	EX	V1770	272 050 0827	29,9x6x107,3	45	3								
E350 3.5	03→															
M350 3.5	06→															
R350 3.5	07→															
S350 3.5	06→															
SL350 3.5	02→															
SLK350 3.5	05→															
Eng. M272																
3498ccm	200kw(272PS)															
S350, ML350 3,7 18V	02→	97	IN	V1553	113 053 0201	38x7x119,1	45	1	VV268	611 053 0329	7x12,56x37,5	G				
S370 3,7 18V	02→	6	EX	V1554	113 050 0327	43x7x121,8	45	1	VV268N		+0,05	F				
Eng. M112.972/975/972									VV268.1	611 053 0429	+0,20					
3724ccm	172/180kw(234/245PS)								VV268	611 053 0329	7x12,56x37,5	G				
S500, SL500 5.0 24V	97→	97							VV268N		+0,05	F				
G500, CL500 5.0 24V	98→	8							VV268.1	611 053 0429	+0,20					
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)															
E55 AMG 5.4 24V	97→															
ML55 AMG 5.4 24V	99→															
Eng. M113.980/981 AMG																
5439ccm	158/170/260kw															

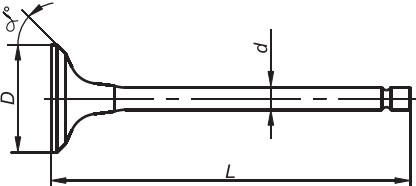
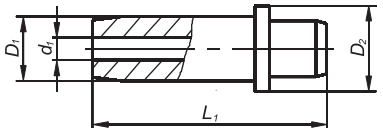
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ DIESEL											
ENG. OM668, 940/941 A160 1.7CDi 16V 98→ 1698ccm 44/55kw(60/75PS)	80 4	IN	V1097	668 053 0301	29,6x6x105,2	45	3	VV421 VV421N VV421.1	668 053 0229	6x11,57x47,5 +0,05 +0,20	G 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 +0,05 +0,20	G F6
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 +0,03	G F
		EX	V1744	642 050 0527	25,4x6x102,3	45	3	VV398 VV398N		6x11,57x34,4 +0,03	G F
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										
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 +0,03	G F
		EX	V1744	642 050 0527	25,4x6x102,3	45	3	VV398 VV398N		6x11,57x34,4 +0,03	G F
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				
		EX	V1998	651 050 0127	24,6x6x109,2	45	3				
NEW											

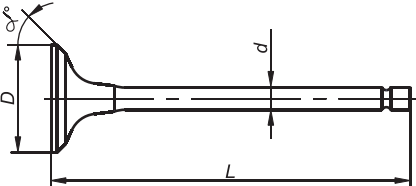
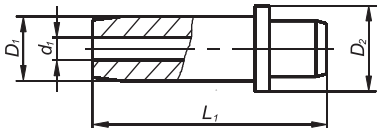
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ DIESEL											
ENG. OM 615 200 D 2.0 67→79 1988ccm 41kw(55PS)	87 4	IN	V651	615 053 0101	38,8x10x131,5	60	17	VV117	616 053 0329	10x14,03x60	G
				615 053 0001				VV117.1		+0,05	A1
			V651N3		+1,0S			VV117.2	616 053 0429	+0,20	
220 D 2.2 67→79 2197 ccm 44kw(60PS)		EX	V652	615 053 0705	33,2x10x131	60	17	VV118	616 053 0330	10x14,03x48,5	G
				615 053 0405				VV118.1		+0,05	A1
			V652N3		+1,0S			VV118.2	616 053 0430	+0,20	
ENG. OM 616 Unimog U45 70→75 2450ccm 39/44kw(52/60PS)	92 4										
ENG. OM 615 200 D 2.0 79→ 220 D 2.2 79→ 1988ccm 44kw(60PS)	87 4	IN	V857	615 053 0501	38,8x10x131,5	60	17	VV117	616 053 0329	10x14,03x60	G
					+1,0S			VV117.1		+0,05	A1
			V857N3					VV117.2	616 053 0429	+0,20	
		EX	V652	615 053 0705	33,2x10x131	60	17	VV118	616 053 0330	10x14,03x48,5	G
				615 053 0405				VV118.1		+0,05	A1
			V652N3		+1,0S			VV118.2	616 053 0430	+0,20	
ENG. OM 601 190D 2.0 83→ 200D 2.0 84→ ENG. OM 601.913 C200D, E200D 2.0 93→ 1997ccm 53/55kw(72/75PS)	87 4	IN	V653	601 053 1701	38x8x106,4	45	1	VV153	601 050 0624	8x14,03x39,5	G
				601 053 1201				VV153N		+0,05	F1
			V653N1		+0,5S			VV153.1	601 050 0724	+0,20	
			V653N2		+0,8S			VV153.2	601 050 0824	+0,40	
			V653N3		+1,0S						
			V653N4		+1,2S						
			V653N5		+1,0L						
	89 4	EX	V912	601 050 2327	35x9x106,4	45	1	VV154	601 050 0924	9x14,03x37,5	G
				601 053 2127				VV154N		+0,05	F1
			V912N1		+0,5S			VV154.1	601 050 1024	+0,20	
			V912N2		+0,8S			VV154.2	601 050 1124	+0,40	
			V912N3		+1,0S						
			V912N4		+1,2S						
			V912N5		+1,0L						
	87 4										
	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						
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	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 602A Turbo 190TD 2.5TD 88→ 250TD, 300TD 2.5TD 88→ 2497ccm 88/93kw(120/126PS)	87 5										
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										
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
								VV218N		+0,05	F
								VV218.1	606 053 1329	+0,20	
ENG. OM 605 C250TD 2.5TD 20V 92-01 E250TD 2.5TD 20V 97-99 2497ccm 110kw(150PS)	87 5	EX	V908	606 050 1127	26x7x105,7	45	1	VV185	606 053 0230	7x12,56x37,5	G
								VV185N		+0,05	F
								VV185.1	606 053 0330	+0,20	
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										

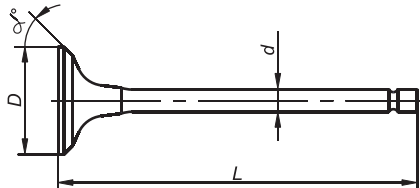
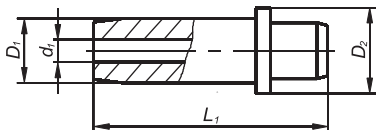
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ DIESEL											
OM 611.960/961/962 Turbo C200 2.2CDi 16V 98-03 C220 2.2CDi 16V 97-03 E200 2.2CDi 16V 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 V1056	611 053 0101 611 053 0105	30,1x7x104 28,4x7x104,4	45 45	1 1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F 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)	88 5	IN EX	V1055 V1056	611 053 0101 611 053 0105	30,1x7x104 28,4x7x104,4	45 45	1 1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F F
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 6	IN EX	V1055 V1056	611 053 0101 611 053 0105	30,1x7x104 28,4x7x104,4	45 45	1 1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F F
OM 612.990 Turbo C30 AMG 3.0CDi 20V 02-04 2950ccm 170kw(231PS)	88 6	IN EX	V1055 V1056	611 053 0101 611 053 0105	30,1x7x104 28,4x7x104,4	45 45	1 1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F F
OM 613. 960/961 Turbo E320 3.2CDi 24V 00-04 S320 3.2CDi 24V 99-02 3222ccm 145kw(197PS)	88 6	IN EX	V1055 V1056	611 053 0101 611 053 0105	30,1x7x104 28,4x7x104,4	45 45	1 1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F F

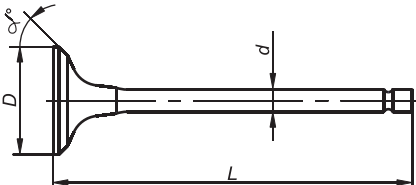
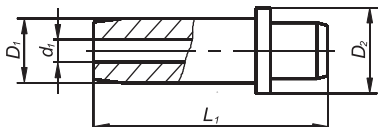
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MERCEDES – BENZ DIESEL												
C200 2.2 CDi 16V E200 2.2 CDi 16V Eng. OM646. 811/820/951/962 2148ccm 75/90/100kw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

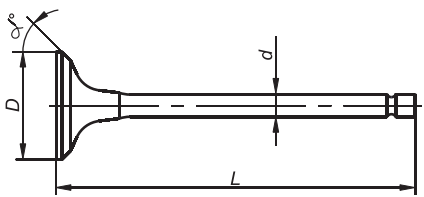
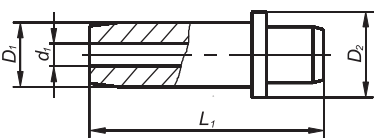
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ DIESEL											
E400 4.0 CDi V8 24V S400 4.0 CDi V8 24V G400 4.0 CDi V8 24V ML400 4.0 CDi V8 24V Eng. OM628. 960/961/962/963 3996ccm 184kw(250PS)	00→ 00→ 00→ 04→	88 V8 EX	V1629 V1630	628 053 0001 628 053 0005	28,7x7x104 26,2x7x104,5	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
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	V1629 V1630	628 053 0001 628 053 0005	28,7x7x104 26,2x7x104,5	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
ENG. OM 604.912 E220 D 2.2 16V 2155ccm 70kw(95PS)	93→ 	89 4 EX	V907 V1054	606 053 1101 606 053 0705	29x6x105,4 26x6x105,7	45 45	1 1	VV218 VV218N VV218.1 VV218 VV218N VV218.1	606 053 1229 606 053 1329 606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20 6x12,56x37,5 +0,05 +0,20	G F G F
ENG. OM 605.910, 911, 912 C 250,E 250D 2.5 20V 2497ccm 83kw(113PS)	93→ 	87 5 EX	V907 V1054	606 053 1101 606 053 0705	29x6x105,4 26x6x105,7	45 45	1 1	VV218 VV218N VV218.1 VV218 VV218N VV218.1	606 053 1229 606 053 1329 606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20 6x12,56x37,5 +0,05 +0,20	G F G F
ENG. OM 604.910 C 220D 2.2 16V 2155ccm 70kw(95PS)	93→ 	89 4 EX	V907 V1054	606 053 1101 606 053 0705	29x6x105,4 26x6x105,7	45 45	3 3	VV218 VV218N VV218.1 VV218 VV218N VV218.1	606 053 1229 606 053 1329 606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20 6x12,56x37,5 +0,05 +0,20	G F G F
ENG. OM 605.910 C 250D 2.5 20V 2497ccm 83kw(113PS)	93→ 	87 5 EX	V907 V1054	606 053 1101 606 053 0705	29x6x105,4 26x6x105,7	45 45	3 3	VV218 VV218N VV218.1 VV218 VV218N VV218.1	606 053 1229 606 053 1329 606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20 6x12,56x37,5 +0,05 +0,20	G F G F
ENG. OM 606.910 E 300D 3.0 24V 2996ccm 100kw(136PS)	93→ 	87 6 EX	V907 V1054	606 053 1101 606 053 0705	29x6x105,4 26x6x105,7	45 45	3 3	VV218 VV218N VV218.1 VV218 VV218N VV218.1	606 053 1229 606 053 1329 606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20 6x12,56x37,5 +0,05 +0,20	G F 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→ 73→	90,9 4 EX	V655 V655N3 V656 V656N3	616 053 0301 616 050 0027 616 050 0527 616 050 0027 616 050 0527	39,8x10x131,5 +1,0S 34,2x10x131 +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

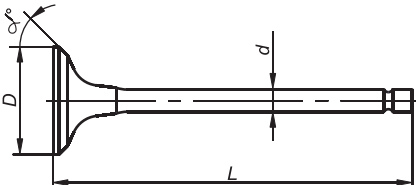
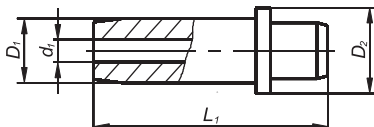
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ DIESEL											
MB 100D 2.4 2399ccm ENG OM617 209 D, 240 D, 3.0 300D, TD 3.0 300GD 4x4 3.0 2998ccm	90→ 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
	74→ 74→ 74→	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
	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
ENG OM617 A Turbo 300 TD 2998ccm	78→ 92kw(125PS)	90,9 5	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 OM 352 5673ccm 74/81/93/96kw(100/110/126/130PS)	64→ 74kw(100PS)	97 4	IN	V931 V505N3 V505	352 053 0101 352 050 0026	44x9x140,5 +1,0S 44x9x140,5 +1,0S	45 5 45 5	VV52 VV52.1 VV52.2	312 053 0230 312 053 0630 312 053 0830	9x15,03x78 +0,10 +0,20	G A
	64→ 71→	97 6	EX	V505N3 V169 V490N3 V490 V490N3	352 053 1505 366 050 0027	36x10x140,5 +1,0S 36x10x140,5 +1,0S	45 5 45 5	VV36 VV36.1 VV53 VV53.1 VV53.2 VV37 VV37.1	352 053 2229 352 053 2329 352 053 1630 352 053 1730 352 053 1830 352 053 3730 352 053 3830	9x15,03x72 +0,20 10x15,03x73 +0,10 +0,20 10x15,03x67 +0,20	G F G A G F
	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
	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)	97,5 6	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

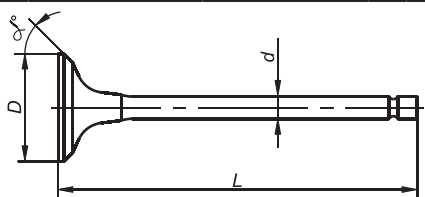
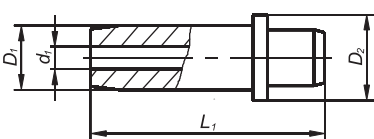
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ INDUSTRIAL DIESEL											
OM 364 A Turbo 611D, 711, 811D 3972ccm 85kw(115PS)	84→ 97,5 4	IN	V487	366 050 0326	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	V1221	906 050 0226	34x8x125,9	70	1	VV295 VV295N	906 053 0129	8x13,05x60 +0,05	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	V1223 V1222 V1224 V1224N V1420 V1420N	906 050 0326 906 050 0327 906 016 0491 906 016 0791	34x8x128,9 38x8x152,7 15x8x83,5 +0,20d 15,2x6x81,8 +0,20d	70 45 70	1 1 1	VV295 VV295N VV337 VV337N VV295 VV295N	906 053 0129 906 053 0130 906 053 0129	8x13,05x60 +0,05 8x14,05x60 +0,05 8x13,05x60 +0,05	G F 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									
OM 909 LA 6.4 18V Citaro 0530 6.4 6374ccm 170/205kw(231/279PS)	98→	IN									
OM 924 LA 4.8 12V Euro 3 U 5000 4.8 4800ccm 160kw(280PS)	02→	IN									
OM 926 LA 7.2 18V Euro 3 O 500 Bus 7.2 7201ccm 240kw(326PS)	89→	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
MERCEDES – BENZ INDUSTRIAL DIESEL											
ENG. OM 327 7980ccm 110/125kw(150/170PS)	65→	115 6	IN	V301 327 053 0701 360 050 0326	54x10x150	45	5	VV107 327 053 0830	10x16,03x85	G A	
ENG. OM 360 8720ccm 81/141kw(110/192PS)	68→		EX	V297 327 053 0705 360 050 0127	43x10x150	45	5	VV21 360 053 0029	10x16,03x79	G F	
ENG. OM 360 H 8720ccm 125/141kw(170/192PS)	68→							VV108 327 053 1430	10x16,03x77	G A	
								VV22 360 053 0030	10x16,03x71	G F	
ENG. OM 401 → No.265214 9570ccm 129/141/144kw(175/192/196PS)	72→	125 V-6	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 +0,20 +0,40	G F	
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				
ENG. OM 402 → No.265214 12670ccm 147/188kw(200/256PS)	72→	125 V-8	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 +0,20 +0,40	G F	
ENG. OM 403 → No.265214 15960ccm 184/261kw(250/355PS)	71→	125 V-10	EX	V312* * Retainer s.e. 7,5 mm V299N3	51x12x142,5 +1,0S	45	5.1				
ENG. OM 404 → No.265214 → No.006644 20910ccm 236kw(320PS)	77→	125 V-12									
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 6									
ENG. OM 407 A/LA/HA ENG. OM 407 Turbo → No.029460 11413ccm 132/155kw(180/210PS)	80→										

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

	CYL. Ø 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 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
OM 402 No.265215→ 12670ccm 147/188kw(200/256PS)	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 403 No.265215→ 15960ccm 184/261kw(250/355PS)	71→ 125 V-10										
ENG. OM 404 No.006645→ 20910ccm 295kw(400PS)	125 V-12										
ENG. OM 404A Turbo No.006645→ 20910ccm 386kw(525PS)	81→										
ENG. OM 407/407H No.029461→ 11413ccm 132/177kw(180/240PS)	76→ 125 6										
ENG. OM 407/407 A/LA/HA ENG. OM 407/407 Turbo No.029461→ 11413ccm 132/155kw(180/210PS)	80→ 80→										
ENG. OM 421 No.139488→ 10965ccm 159kw(216PS)	79→ 128 V-6										
ENG. OM 422 No.139488→ 14618ccm 184/206kw(250/280PS)	79→ 128 V-8										
ENG. OM 423 No.1139488→ 1827ccm 346/368kw(470/500PS)	81→ 128 V-12										
ENG. OM 424 No.002308→ 21930ccm 309kw(420PS)	81→ 128 V-12										

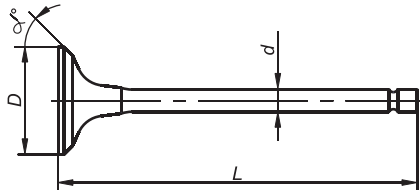
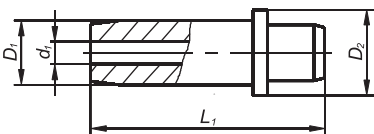
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MERCEDES – BENZ INDUSTRIAL DIESEL												
ENG. OM 427/427H No.001400→ 11961ccm 150/170/206kw(204/231/280PS)	85→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

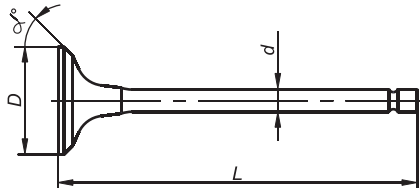
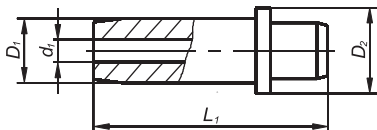
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ INDUSTRIAL DIESEL											
ENG. OM 401 A/LA Turbo 9567ccm 200kw(272PS) 10958ccm 230kw(313PS)	91→	125 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 280kw(381PS)	91→	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 206kw(280PS)	80→	125 6									
ENG. OM 401 A/LA Turbo 9567ccm 200kw(272PS) 10958ccm 230kw(313PS)	91→	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 280kw(381PS)	91→	125 V-8	EX	V467B* 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 441 A/LA Turbo 10958ccm 250kw(340PS)	87→	128 V-6	EX	V1376 442 016 0191 V1376N V1266 442 016 0391 V1266N	17x8x84,2 +0,2d 17x8x90 +0,2d	45	1				
ENG. OM 447 A/LA/H A Turbo 11961ccm 184/220kw(250/300PS)	85→	128 V-6	EX								
ENG. OM 441 11303ccm 151kw(205PS)	87→	130 V-6	EX								
ENG. OM442 15100ccm 191/213kw(260/290PS)	85→	130 V-8	EX								
ENG. OM 346 10809ccm 136/155kw(185/210PS)	64-67	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 136/155/177/191kw(185/210/240/260PS)	67-78	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 205kw(275PS)	78→										

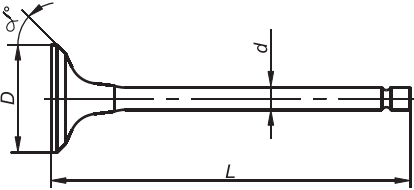
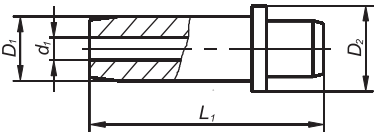
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE		
1	2	3	4	5	6	7	8	9	10	11	12		
MERCEDES – BENZ INDUSTRIAL DIESEL													
ENG. OM 424 A/LA Turbo No.002308→ 21930ccm 441kw(600PS)	79→	128 V-10	IN	V466*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

NEW

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	
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	45,5x9x145 +1,0S	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	9x15,03x61 +0,05 +0,20	G F
ENG. OM 457 LA 24V Euro 2/3 958 1190ccm 230/315kw(313/428PS)			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	9x15,03x61 +0,05 +0,20	G F
ENG. OM 460 LA 24V Euro 3 950–951, 975–981 12816ccm 261/360kw(355/490PS)			EX	V1942 V1942N3	457 050 03 27 457 050 05 27	42,1x9x145 +1,0S	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	9x15,03x61 +0,05 +0,20	G F
ENG. 457 LA 24V Euro 4 948 11970ccm 260/315kw(354/428PS)	04→		EX	V1942 V1942N3	457 050 03 27 457 050 05 27	42,1x9x145 +1,0S	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	9x15,03x61 +0,05 +0,20	G F
ENG. OM 457 LA 24V Euro 2/3 927 11970ccm 290kw(400PS)			EX	V1068 V1068N	541 016 07 91	17x8x87 +0,2d	45	1	VV227 VV227N VV227.1	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30	9x15,03x61 +0,05 +0,20	G F
ENG. OM 521 LA 24V Euro 2 940 11946ccm 315kw(428PS)	96→	130 6	EX	V1068 V1068N	541 016 07 91	17x8x87 +0,2d	45	1	VV227 VV227N VV227.1	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30	9x15,03x61 +0,05 +0,20	G F
ENG. 522 LA 32V Euro 2 940–943, 949 15928ccm 362/530kw(496/721PS)	96→	8										
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										

	CYL. Ø 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→		EX	V1044 V1044N3	541 050 02 27 +1,0S	41x9x145	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. 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										
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	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
ENG. 521 LA 24V 950–951 11946ccm 260kw(354PS)	96→	6	EX	V1068 V1068N	541 016 07 91 +0,2d	17x8x87	45	1				
Actros 541/Actros 542 ENG. 541 LA Euro 4/5 970, 980–981 11946ccm 235/335kw(320/455PS)	05–08											
ENG. 542 LA 32V Euro 2 956–957 15928ccm 448kw(609PS)	95→	8										
ENG. 542 LA 32V Euro 2/3 958 15928ccm 450kw(612PS)	04–08											

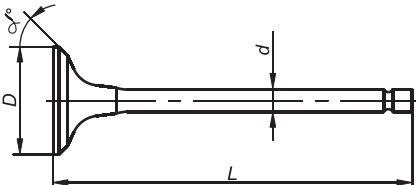
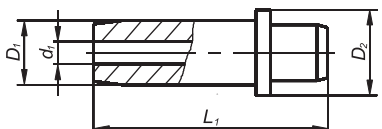
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

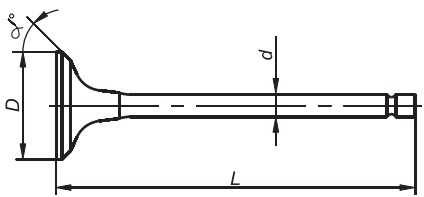
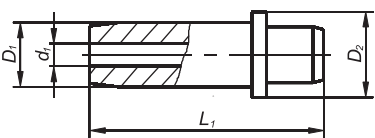
MERCEDES – BENZ INDUSTRIAL DIESEL

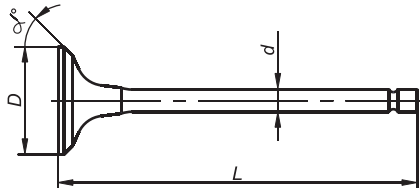
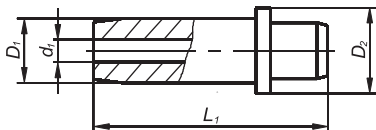
ENG. OM 542 LA 32V Euro 4/5 960, 970 15928ccm 375/448kw(510/609PS)	05→	130 8	IN	V1043	541 050 02 26 457 053 00 01	45,5x9x145	60	5	VV227	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30	9x15,03x61	G F
				V1043N3		+1,0S						
ENG. 541 LA 24V Euro 4/5 971-979 11946ccm 235/350kw(320/476PS)	05→	6	EX	V1044	541 050 02 27	41x9x145	45	5	VV227N VV227.1		+0,05 +0,20	
				V1044N3		+1,0S			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. 542 LA 32V Euro 4/5 961-966, 971 15928ccm 350/448kw(476/609PS)	05→	8	EX	V1942	457 050 03 27 457 050 05 27	42,1x9x145	55	5	VV227N VV227.1		+0,05 +0,20	
				V1942N3		+1,0S			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
			EX	V1068 V1068N	541 016 07 91	17x8x87 +0,2d	45	1				

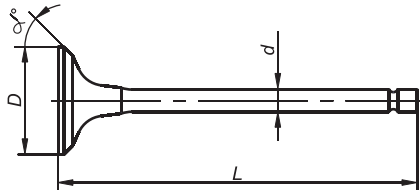
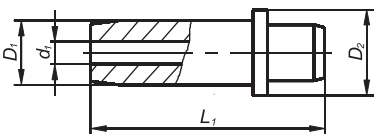
MERCEDES – BENZ INDUSTRIAL DIESEL Modulazioni ventili

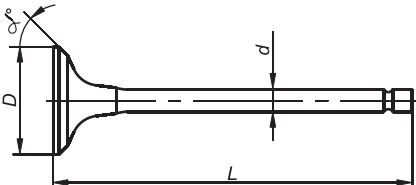
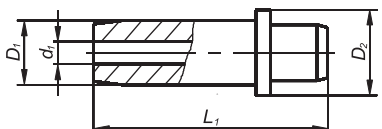
OM442, OM462	6 8	EX	V1376 V1376N	442 016 0191	17x8x84,2 +0,2d	45	1				
OM440, OM441, OM442 OM446, OM475, OM476	6 8 10	EX	V1266 V1266N	442 016 0391	17x8x90 +0,2d	45	1				
OM501, OM502 Actros	6 8	EX	V1068 V1068N	541 016 0791	17x8x87 +0,2d	45	1				
OM904, OM907, OM924 Atego	4 6 8	EX	V1224 V1224N	906 016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

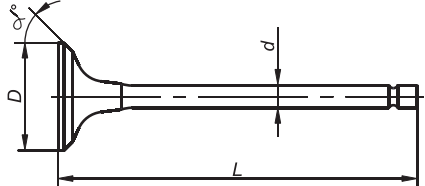
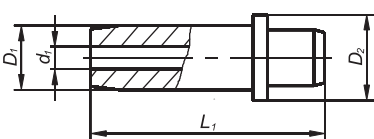
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MG											
MG-F 1.8i 16V Eng. 18K4F 00→	80 4	IN	V1329	LGH 10029	27,7x6x89,6	45	1	VV415 VV415N	LGJ 10034	6x9,89x30 +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 86kw(116PS) 01→											
MG-TF 160 1.8 VVC MG-ZR 160 1.8 VVC Eng. 18K4F 1976ccm 86kw(116PS) 02→	80 4	IN	V1331	LGH 10064	31,5x6x89,6	45	1	VV415 VV415N	LGJ 10034	6x9,89x30 +0,05	G A1
MG-ZS 180 2.5 V6 24V MG-ZT 180/190 2.5 V6 24V Eng. 25K4F 2497ccm 130kw(177PS) 01→		EX	V1332	LGH 10065 LGH 101360	27,5x6x90	45	1	VV415 VV415N	LGJ 10034	6x9,89x30 +0,05	G A1
	V6										
MG DIESEL											
MG-ZT 2.0 CDTi 16V MG-ZT-T 2.0 CDTi 16V Eng. 204D2 1951ccm 85/96kw(115/131PS) 02→	84 4	IN	V994	LGH 101450	26x6x99,9	45	3	VV247 VV247.1	LGJ 10034	6x11,55x39 +0,05	B A
		EX	V994	LGH 101450	26x6x99,9	45	3	VV247 VV247.1	LGJ 10034	6x11,55x39 +0,05	B A
MG-ZR 115 2.0 TDi 16V MG-ZS 115 2.0 TDi 16V Eng. 20T2N 1994ccm 63/77kw(85/105PS) 04→	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

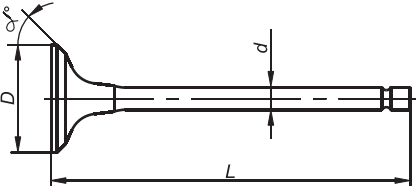
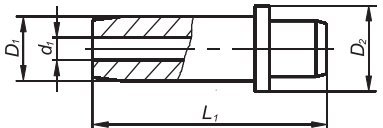
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MINI											
Mini 1.4i 16V Eng. W10B14A 1398ccm	02→	77 4	IN	V1705	11341485585 11347513023	30,3x6x109,5	45 3	VV526 VV526N		6x11,06x42 +0,05	G A
			EX	V1706	11347829943 11347513024	23,3x6x118,3	45 3	VV526 VV526N		6x11,06x42 +0,05	G A
Mini One 1.6i 16V Mini Cooper 1.6i 16V Eng. R50-R52 1598ccm 66/85kw(90/115PS)	00→	77 4	IN	V1705	11341485585 11347513023	30,3x6x109,5	45 3	VV526 VV526N		6x11,06x42 +0,05	G A
			EX	V1706	11347829943 11347513024	23,3x6x118,3	45 3	VV526 VV526N		6x11,06x42 +0,05	G A
Mini Clubman One 1.4i 16V Mini One 1.4i 16V Eng. N12B14A 1397ccm NEW	09→	77 4	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 S Eng. N14B16A Eng. N14B16C 1598ccm NEW	07→	77 4	IN	V1673	11347587470 11347534508	28,8x5x105,7	45 3	VV519 VV519N		5x9,03x41 +0,05	B A
			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 NEW	10→	77 4	IN	V2031	11347585901	29,7x5x95,1	45 3	VV519 VV519N		5x9,03x41 +0,05	B A
			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 NEW	09→	77 4	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

												
	CYL. Ø 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 1.4D Eng. 1ND-1NDTV 1364ccm 55kw(75PS)	03→ 55kw(75PS)	73 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 Cooper D Eng. R55/56 1560ccm 80kw(109PS)	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
Mini One 1.6 D 16V Mini Cooper 1.6 D 16V Mini Cubman 1.6 D Eng. 9H2(DV6TED4) 1560ccm NEW	07→ 07→ 07→	75 4	IN	V2093		25,6x5,5x96,1	45	3	VV399 VV399N		5,5x9,56x34 +0,05	G A
			EX	V2094		23,5x5,5x96,3	45	3	VV399 VV399N		5,5x9,56x34 +0,05	G A
Mini One 1.6 D 16V Mini Cooper 1.6 D 16V Eng. N47C16A 1598ccm NEW	11→ 11→	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
MIO STANDARD – HONDA												
HONDA-F42 Eng. G42			IN	V627	14711 822 010	29x7x82,75	45	9				
			EX	V628	14721 822 020	26x7x80,75	45	9				
HONDA F400 Eng. G-150J F, U, S, L	82→		IN	V621	14711 887 0000	26x7x81,6	45	9	VV81	12133 887 3000	7x11,07x32	G A
			EX	V622	14721 887 0000	23,5x7x81,5	45	9	VV81	12133 887 3000	7x11,07x32	G A
HONDA F600/F620 Eng. G-200J F, U, S, L	82→		IN	V623	14711 883 0000	29x7x96,3	45	9	VV82	12133 883 3000	7x11,07x41	G A
			EX	V624	14721 883 0000	26x7x96,8	45	9	VV82	12133 883 3000	7x11,07x41	G A

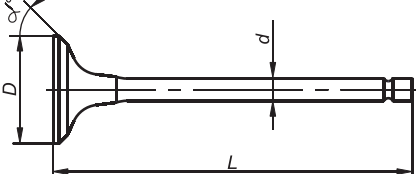
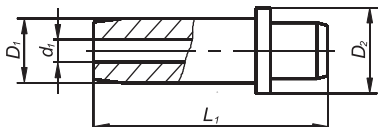
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MIO STANDARD – HONDA											
HONDA F700 Eng. G 65		IN	V625	14711 823 020	34x7x89,75	45	9				
		EX	V626	14721 823 020	29x7x89,75	45	9				
HONDA F28 Eng. G 28		IN	V629	14711 816 325	19x4,8x55,5	45	9				
		EX	V630	14721 844 000	16x4,8x55,5	45	9				
MITSUBISHI											
Fiore, Lancer 1200 Colt, Mirage 1200 Eng. G11B OHC 1244ccm 53kw(72PS)	77→ 77→ 53kw(72PS)	69,5 4	IN	V1145	MD-016460	34x6,6x102,1	45	1			
			EX	V1146	MD-016461	30x6,6x100,9	45	1			
Fiore, Lancer 1300 Colt, Mirage 1300 Eng. G13B OHC 1299ccm 56kw(77PS)	83→ 83→ 56kw(77PS)	71 4	IN	V1145	MD-016460	34x6,6x102,1	45	1			
			EX	V1146	MD-016461	30x6,6x100,9	45	1			
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→ 60kw(82PS)	74 4									
Fiore, Lancer 1.5 Colt, Mirage 1.5 Eng. G15B OHC 1468ccm 64kw(87PS)	83→ 83→ 64kw(87PS)	75 4									
Space Star 1.3 16V Eng. 4G13 1299ccm 60/63kw(82/86PS)	98→ 60/63kw(82/86PS)	71 4	IN	V1771	MD 342090	27x5,5x111,6	45	1	VV433	MD 357589	5,5x10,61x48 G F1
			EX	V1772	MD 342091	23,4x5,5x114,8	45	1	VV434	MD 357586	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→ 55/58kw(75/79PS)	71 4	IN	V1619	MD 128435	31x6,6x100,9	45	1			
			EX	V1620	MD 139755	33x6,6x101	45	1			

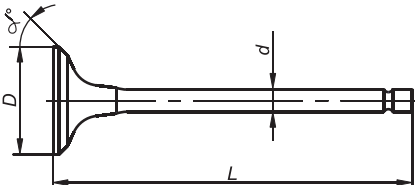
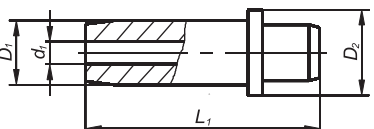
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MITSUBISHI												
Colt 1.3i 12V Lancer 1.3i 12V Mirage 1.3i 12V Eng. 4G13 1299ccm 55/58kw(75/79PS)	89→ 89→ 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	IN EX	V1619 V1620	MD 128435 MD 139755	31x6,6x100,9 33x6,6x101	45 45	1 1				
Colt 1.1i 12V Eng. 3A91 1124ccm 55kw(75PS)	04→	75 3	IN EX	V1773 V1774	MR 984260 MR 984261	30,4x5x89,5 25,4x5x91	45 45	1 1	VV489 VV489	5x10,56x34,5 5x10,56x34,5	G F G F	
Colt 1.3i 16V Eng. 4A90 1332ccm 70kw(95PS)	04→	75 4	EX	V1774	MR 984261	25,4x5x91	45	1	VV489			
Colt 1.5i 16V Eng. 4A91 1499ccm	04→											
Space Star 1.6 16V Lancer 1.6 16V Eng. 4G18 1594ccm 72kw(98PS)	04→	76 4	IN EX	V1775 V1776	MD 339752 MD 339754	29x5,5x111,7 25,4x5,5x114,7	45 45	1 1	VV433 VV434	MD 357589 MD 357586	5,5x10,61x48 5,5x10,61x55	G F1 G F16
			IN EX	V2017 V2018		35x5,5x113,2 28,9x5,5x105,9	45 45	1 1				
Colt 1.6 Mirage 1.6 Lancer 1.6 L300 1.6 Eng. G32B 1598ccm 60kw(81,5PS)	85-88 85-88 85-88 85-88	76,9 4	IN EX	V1567 V1568	MD 075925 MD 075927	38x8x103,5 31x8x100	45 45	1 1				

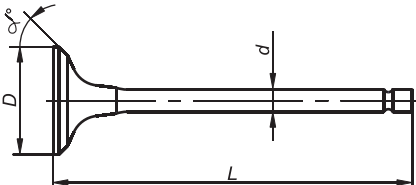
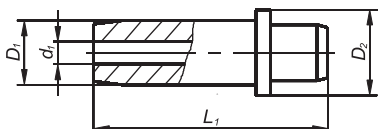
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MITSUBISHI												
Colt 1.6 16V Carisma 1.6 16V Lancer 1.6 16V Eng. 4G92 1595ccm 66/76kw(90/103PS)	95→ 95→ 92→	4	IN EX	V1517 V1518	MD 162422 MD 162799 MD 162423	30x6x110 27x6x113,6	45 45	1 1	VV412 VV412N VV412 VV412N	MD 300702 MD 300702	6x11,12x45,5 +0,05 6x11,12x45,5 +0,05	G P 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→											
Payero GDI 1.8 16V Space Star 1.8 16V Carisma 1.8 16V Eng. 4G93 1834ccm 82/96kw(112/131PS)	99→00 99→ 99→	81 4	IN EX	V1599 V1600	MD 162780 MD 162800	33x6x104,2 28,2x6x103,8	45 45	1 1	VV412 VV412N VV412 VV412N	MD 300702 MD 300702	6x11,12x45,5 +0,05 6x11,12x45,5 +0,05	G P G P
Payero Pinin GDI 2.0 16V Eng. 4G94 1999ccm 95kw(129PS)		79 4							VV450 VV450N	MD 172530	6x11,12x50,5 +0,05	G P6
Lancer 1.6i 16V Colt 1.6i 16V Mirage 1.6i 16V Eng. 4G61 1595ccm 91kw(124PS)	88→ 88→ 87→	82,3 4	IN EX	V927 V928	MD 127840 22211-33000 MD 127841 22212-33000	34x6,5x109,6 30,5x6,5x109,6	45 45	1 1	VV133 VV133N VV134 VV134N	22114-33010 22115-33010	6,6x12,06x45,5 +0,05 6,6x12,06x50,5 +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 75/82/110kw	90→ 90→ 90→ 91→ 88→ 85-86 81-84 85-91	85 4										

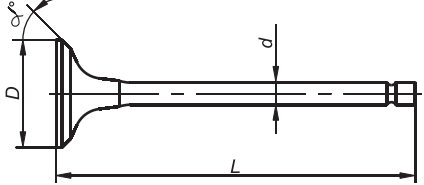
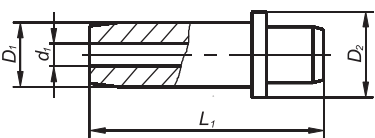
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MITSUBISHI											
Outlander 2.4 16V Eng. 4G64 2378ccm	04→ 102kw(139PS)	4	IN EX	V1777 V1778	MR 994497 MR 994498	34x6x111,5 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	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)	86,5 4									
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 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
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 3 45 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 1 45 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

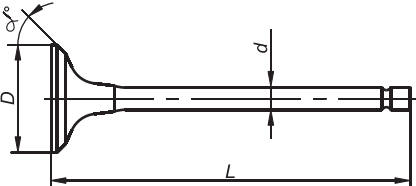
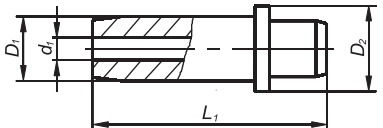
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MITSUBISHI DIESEL											
Carizma 1.9 TD Eng. F8Q 1870ccm 66/70kw(90/95PS)	96→00	80 4	IN	V855 V855N3	7701 466 716	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
Carizma 1.9 TDi Space Star 1.9D-Di Eng. F9Q 1870ccm 74/75W(100/102PS)	99→ 01→	80 4	IN	V951	MW30620685	35,4x7x111	45 1	VV182 VV182.1	7700 859 086	7x12,06x38,3 +0,05	B F
			EX	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 Outlander 2.0 Di-D 16V Eng. BSY VW 1968ccm 100/103kw(136/140PS)	05→ 07→	81 4	IN	V1607	MN 980080	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	MN 980081	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
Space Runier 2.0D/TD Space Wagon 2.0D/TD Lancer, Galant 2.0D/TD Eng. 4D68/4D68T 1998ccm 50/60/66kw(68/82/90PS)	92→ 92→ 93→	82,7 4	IN	V1207	MD 173602	36x8x114,1	45 1	VV443	MD 076 354	8x13,13x56	G F
			EX	V1208	MD 180356	31,9x8x113,6	45 1	VV444	MD 076 358	8x13,13x58	G F6
Space Wagon 2.4D/TD 2351ccm	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	
MITSUBISHI DIESEL												
Canter 2.3D/TD Galant 2.3TD L 200 2.3D/DT L 300 2.3D/DT Pajero 2.3D/TD Shogun 2.3D/TD Delica 2.3D Montero 2.3D Sigma 2.3D/TD Eng. 4D55/4D55T Turbo 2346ccm 48/62kw(65/84PS)	84-86 80-84 84-86 84-86 84-86 84-86 84-86 84-86 84-86	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
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→											
L300 2.5 TD Space Gear 2.5 TD Pajero Metal Top 2.5 TD Eng. 4D56T 2477ccm 73kw(99PS)	86→ 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 NEW	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 NEW	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(98/125PS)	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

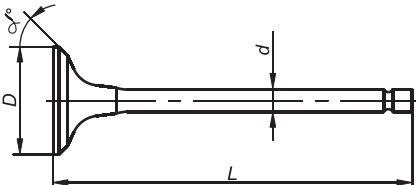
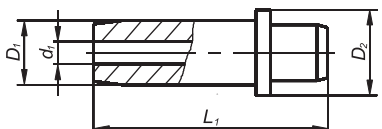
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
MITSUBISHI DIESEL												
Pajero Montero 3.2 16V Eng. 4M41 3200ccm 118/121kw(160/166PS)	00→ 00→	98,5 6	IN	V1323	ME 203101	33x6,5x115,5	45	1	VV453	ME 204 179	6,6x12,12x54	G P
			EX	V1324	ME 203102	30,9x6,5x115,4	45	1	VV454	ME 204 182	6,6x12,12x47	G P36
Pajero 3.5TDi Metal Top 3497ccm												
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						

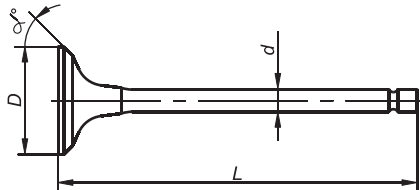
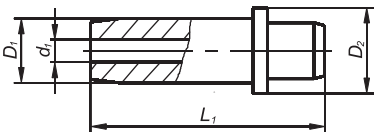
	CYL. Ø №	IN EX											
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE		
1	2	3	4	5	6	7	8	9	10	11	12		
MTZ/MMZ – BYELARUS													
		IN	V533	50-100-7014	47,8x11x158	45	8	VV42	240.1007-032	11x18,04x85,5	G		
			V533N		+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	240-100-2015	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 V687N3	6 308 0 460 001 4	38x9x117 +1,0S	45	3	VV532	630503320034	9x15,05x58
Eng. D 208/308D 2235ccm	65-73 34kw(47PS)	95 3	EX	V688 V688N3	6 207 0 460 301 4	35x9x117 +1,0S	45	3	VV532	630503320034	9x15,05x58	G G	
Eng. D 208/308V 3080ccm	65-73 46kw(62PS)	95 4											
Eng. D 208/308S 4470ccm	65-73 69kw(93PS)	95 6											

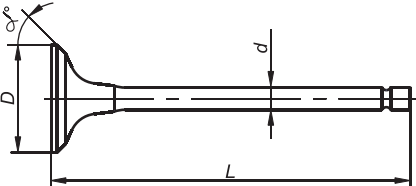
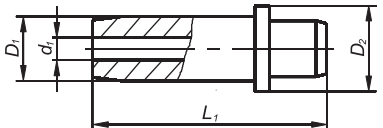
											
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS $d_1 \times d_2 / D_1 \times L_1$	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MWM											
Eng. KD 12E 880ccm	52-63	95 1	IN	V2143 V2143N3 V2143N5	632134600014	41x10x129 +1,0S +2,0S	45 9				
Eng. KD 12Z 1700ccm		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 3 45 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									

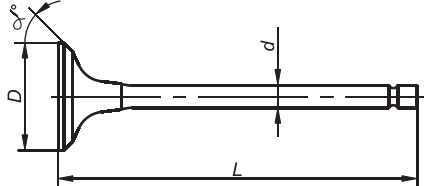
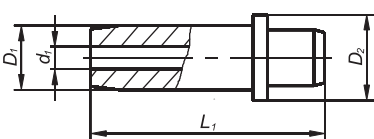
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
MWM											
Eng. D 226V 4160ccm	69-77 59kw(80PS)	105 4	IN	V337	6 226 0 460 005 4	41x9x117	45 3	VV548	6.305.0.332.003.4	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
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
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	6 228.0.460.302.4 6 308.0.460.002.4	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
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
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°	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
MWM											
Eng. D 232A 11760ccm 149kw(202PS)	66→ 149kw(202PS)	120 V-8	IN V689	6 232 0 460 002 4	46x11x151,9	45	1				
Eng. TD 232A – Turbo 11760ccm 199kw(270PS)	66→ 199kw(270PS)		EX V689	6 232 0 460 002 4	46x11x151,9	45	1				
Eng. D 232 12 17640ccm 224kw(304PS)	66→ 224kw(304PS)	V-12									
Eng. TD 232 12 – Turbo 17640ccm 299kw(406PS)	66→ 299kw(406PS)										
Eng. TBD 234-6 10800ccm 300kw(408PS)	83→ 300kw(408PS)	128 6	IN V2099	6 234.0.460.006.4	58x10x162,9	60	1				
Eng. TBD 234-8 14400ccm 400kw(544PS)	87→ 400kw(544PS)	8	EX V2100	6 234.0.460.005.4	53x10x161,9	45	1				
Eng. TBD 234-12 21600ccm 600kw(816PS)	87→ 600kw(816PS)	12									
Eng. TBD 234-16 28800ccm 800kw(1087PS)	87→ 800kw(1087PS)	16									
Eng. TBD 616 V8 17500ccm 480kw(653PS)	86→ 480kw(653PS)	132 8	IN V2101		47x9x152,7	60	3				
Eng. TBD 616 V12 26300ccm 720kw(979PS)	86→ 720kw(979PS)	12	EX V2102		43x9x152,7	60	3				
Eng. TBD 616 V16 35000ccm 960kw(1305PS)	86→ 960kw(1305PS)	16									
NISSAN											
March Micra 1.0 Eng. MA10S 988ccm 37/40kw(50/54PS)	86→ 37/40kw(50/54PS)	68 4	IN V1459	13201-10B00 13201-50K00	35,1x7x109,7	45	5	VV361 VV361.1	13212-01B11	7x11,04x50 +0,20	G P
			EX V1460	13202-10B00	30,1x7x109,4	45	5	VV362 VV362.1	13213-01B11	7x11,04x53 +0,20	G P6
March Micra 1.2 Eng. MA12S 1235ccm 42/44kw(57/60PS)	91→ 42/44kw(57/60PS)	71 4	EX V1462	13202-50K02	30,1x7x109,2	45	5	VV362 VV362.1	13213-01B11	7x11,04x53 +0,20	G P6

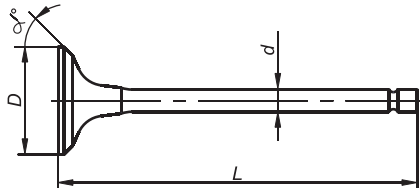
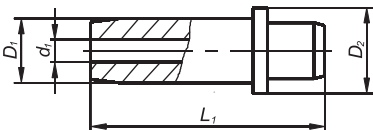
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12		
NISSAN													
Kubistar 1.2 Eng. D7F 722 1149ccm 44kw(60PS)	03→ 4	69	IN	V867	13201-00QAG 7701 469 266	32,8x6x106,8	60	1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

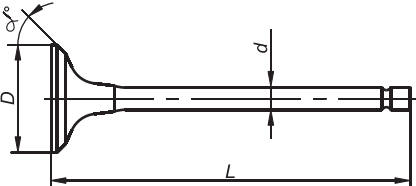
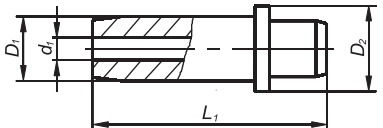
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
NISSAN												
Pixo 1.0 Eng. K10B 996ccm NEW	11→	73 3	IN	V1923	13201-4A00A	27,5x5,5x87,5	45	1	VV498		5,5x10,6x34	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) NEW	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
Sunny 1.4i 16V Almera 1.4i 16V Eng. GA14DE 1392ccm	99→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
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
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
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	13202-57Y60	24x5,5x92,6	45	1	VV448 VV448.1		13213-53Y60	5,5x9,52x40 +0,20

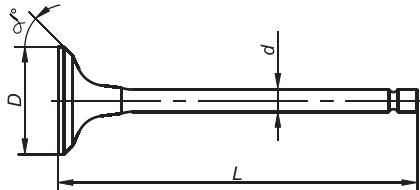
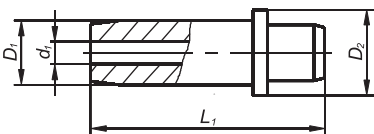
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
NISSAN											
Almera 1.5 16V Eng. QG15DE 1497ccm 66/72kw(90/98PS)	02→	73,6 4	IN	V1785	13201-BM505	29x5,5x94,4	45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

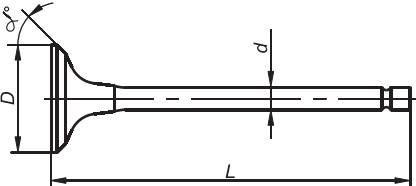
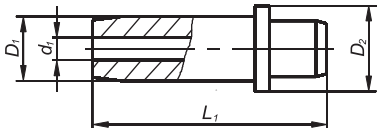
												
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
NISSAN												
Almera 1.8 16V Almera Tino 1.8 16V Primera 1.8 16V Eng. QG18DE 1769ccm 84kw(114PS)	04→ 00-04 98→	80 4	IN EX	V1787 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	5,5x11,03x40,6 +0,05 +0,20 5,5x11,03x40,6 +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

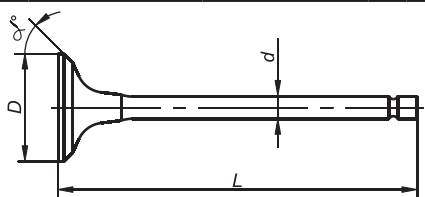
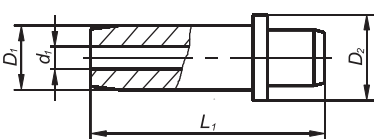
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
NISSAN											
X-Trail 2.0i 16V Eng. QR20DE 1998ccm 103kw(140PS)	03→ 86 4	IN	V1781	13201-BH300	35,6x6x97,2	45	1	VV429 VV429.1	13212-8P360	6x10,04x41,8 +0,18	G P
X-Trail 2.5i 16V Eng. QR25DE 2488ccm 121/124kw(165/169PS)	03→	EX	V1782	13202-6N200	30,7x6x98,8	45	1	VV430 VV430.1	13213-6N260	6x10,04x44 +0,18	G P6
Cherry, Gazelle 2000 Homy, Laurel 2000 Leopard, Silva 2000 Skyline, Sunny 2000 Eng. Z20 1952ccm 64kw(87PS)	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 71/78kw(97/105PS)	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 76/79kw(103/106PS)	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				
NISSAN DIESEL											
Micra 1.5DCi Almera 1.5DCi Note 1.5DCi Qashqai 1,5 DCi	03→ 03→	IN	V979	13201-BN700	33,4x6x101	45	3	VV319 VV319.1 VV319N		6x11,07x40,5 +0,05 +0,20	B F
Kubistar 1.5DCi Trida 1.5DCi Eng. K9K 1461ccm 48/60kw(65/82PS)	03→	EX	V980	13202-BN700	28,9x6x100,8	45	3	VV319 VV319.1 VV319N		6x11,07x40,5 +0,05 +0,20	B F

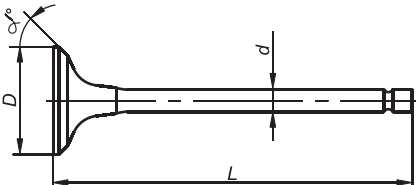
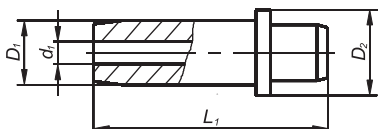
												
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
NISSAN DIESEL												
Santana 1.6 TD Eng. CY 1588ccm 51kw(70PS)	84-87 51kw(70PS)	76,5 4	IN	V541		34x8x104,8	45	3	VV76		8x13/12,06x36,5	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						
				V541N5		+1,0S						
			IN	V543		34x8x95,1	45	3	VV76		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						
				V543N5		+1,0S						
		EX	V542		31,2x8x104,6	45	3	VV76		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							
			V542N5		+1,0S							
		EX	V544		31,2x8x95	45	3	VV76		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							
Micra 1.5D Eng. TUD5 OHC 1527ccm	97→ 42kw(57PS)	77 4	IN	V1089	13201-6F900	37x7x108,4	45	1	VV209	13212-6F900	7x13,07x40,2	B
				V1089N1		+0,5S			VV209.1		+0,05	F
			EX	V1090	13202-6F900	31,5x7x108,2	45	1	VV209	13212-6F900	7x13,07x40,2	B
				V1090N1		+0,5S			VV209.1		+0,05	F
Qashqai +2 1,6 DCi Eng. R9M 1598ccm	11→	79,5 4	IN	V2103	13201-0370R	23,5x6x104,2	45	3	VV319		6x11,07x40,5	B
									VV319.1		+0,05	F
			EX	V2104	13202-4894R	23,4x6x104,1	45	3	VV319		+0,20	
									VV319.1		+0,05	F
NEW												

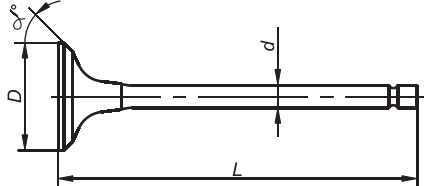
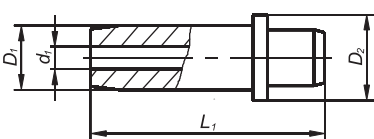
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
NISSAN DIESEL											
Sunny Van 1.7D 92→ Langley, Liberta 1.7D 83→ Pulsar, Sunny 1.7D 83→ Sherry 1.7D 82→ Eng. CD17 1680ccm 40kw(55/61PS)			IN	V913	13201-16A00	36x7x100,9	45 8	VV257 VV257N VV257.1	13212-D0110	7x11,04x45 +0,05 +0,20	G P
Primera 1.9DCi 03→ Primastar V27-V29 1.9DCi 100 05→ Interstar V28 1.9DCi 01→ Eng. F9Q 1870ccm 60/74kw(82/101PS)			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 03→ Primastar V27-V29 1.9DCi 100 05→ Interstar V28 1.9DCi 01→ Eng. F9Q 1870ccm 60/74kw(82/101PS)			IN	V951	13201-AW300 13201-00QAM	35,4x7x111	45 1	VV182 VV182.1	7700 859 086	7x12,06x38,3 +0,05	B F
Primastar 1.9DCi 04→ V27-V29 80 1870ccm			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 04→ V27-V29 80 1870ccm			IN	V1983	13201-00QAE	33,4x5,5x110,1	45 1	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,03x40,6 +0,05 +0,20	B A
Primastar 2.0 16V 02→ Eng. F4R 1998ccm 88kw(120PS)			EX	V982	13202-00QAE	28,9x5,5x108,9	45 1	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,03x40,6 +0,05 +0,20	B A
Primastar 2.0DCi 07→ Qaushqai 2.0DCi X-Trai 2.0DCi Eng. M9R, M1D 1995ccm 110/127kw(150/173PS)			IN	V1797	13201-00Q0A	27,7x6x104	45 3	VV551		6x11,06x42,4	B F
Primastar 2.0DCi 07→ Qaushqai 2.0DCi X-Trai 2.0DCi Eng. M9R, M1D 1995ccm 110/127kw(150/173PS)			EX	V1798	13202-00Q0A	26x6x103,8	45 3	VV551		6x11,06x42,4	B F
Almera 2.0D 95-00 Primera 2.0DLX 91-96 Sunny 2.0DL,DLX 90-95 Eng. CD20 1974ccm 55kw(75PS)			IN	V1187	13201-57J02	39x7x100,8	45 8	VV257 VV257N VV257.1	13212-D0110	7x11,04x45 +0,05 +0,20	G P
Almera 2.0D 95-00 Primera 2.0DLX 91-96 Sunny 2.0DL,DLX 90-95 Eng. CD20 1974ccm 55kw(75PS)			IN	V853	13201-60J02	39x7x99,8	45 8	VV257 VV257N VV257.1	13212-D0110	7x11,04x45 +0,05 +0,20	G P
Almera 2.0D 95-00 Primera 2.0DLX 91-96 Sunny 2.0DL,DLX 90-95 Eng. CD20 1974ccm 55kw(75PS)			EX	V1188	13202-57J02	32x7x100,6	45 8	VV258 VV258N VV258.1	13213-V5515	7x11,04x48 +0,05 +0,20	G P6
Almera 2.0D 95-00 Primera 2.0DLX 91-96 Sunny 2.0DL,DLX 90-95 Eng. CD20 1974ccm 55kw(75PS)			EX	V854	13202-60J02	32x7x99,6	45 8	VV258 VV258N VV258.1	13213-V5515	7x11,04x48 +0,05 +0,20	G P6

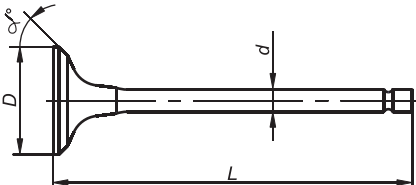
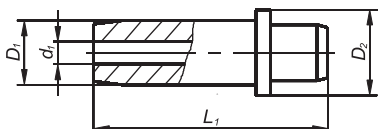
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
NISSAN DIESEL											
Almera 2.0 TD Primera 2.0 TD Eng. CD20T Turbo 1974ccm 66kw(90PS)	96→ 96→ 66kw(90PS)	84,5 4 EX	IN 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 55kw(75PS)	98→ 01→ 98-01 98-01 55kw(75PS)	84,5 4 EX	IN 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 49kw(67PS)	86→ 86→ 87→ 49kw(67PS)	85 4 EX	IN V1590	13201-D9702 13202-D9702	39,3x8x118,2 32,1x8x118,1	45 45	5 5				
Patrol 2.8 TD 12V Eng. RD28T Turbo 2826ccm 85kw(115PS)	88-89 85kw(115PS)	85 6 EX	IN V948	13201-22301 13202-V7202	39x7x102,8 32x7x102,6	45 45	8 8	VV305 VV306		7x11,04x45 7x11,04x45	G P G P
Infinity Eng. VH 45 DE 4500ccm	90→ 94→ 4500ccm	 8 EX	IN V1922	13201-67U00 13202-67U00	38x7x102 33x8x102,4	45 45	1 1				
Patrol 2.8 TD 12V Cedric 2.8 TD 12V Eng. RD28T Turbo 2826ccm 85kw(115PS)	89→ 92→ 85kw(115PS)	85 6 EX	IN V950	13201-22J11 13202-40L01	39x7x101,8 32x7x101,6	45 45	8 8	VV305 VV306		7x11,04x45 7x11,04x45	G P G P
Patrol 2.8 TDi 12V Eng. RD28TI Turbo 2826ccm 95kw(129PS)	97→ 95kw(129PS)	85 6 EX	IN V1242	13201-0Y000 13202-4P400	39,1x7x101,7 32,1x7x101,6	45 45	8 8	VV305 VV306		7x11,04x45 7x11,04x45	G P G P

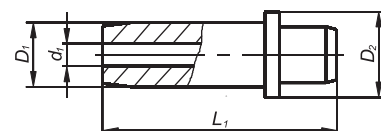
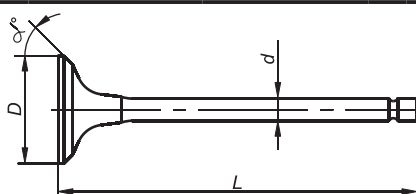
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
NISSAN DIESEL											
Primera 2.2DCi 16V 01→ Almera Tino 2.2DCi 16V 00→ X-Trail 2.2DCi 16V 01→ Eng. YD2DDT/ETI 2184ccm 81-100kw(110-136PS)		85 4	IN	V1643	13201-AD210	28,2x6x106,7	45 1	VV553 VV553N		6x10,04x59,8 +0,05	G P
Navara 2.5DCi 16V 05→ Pothfinder 2.5DCi 16V 05→ Eng. Y25DDTI 2488ccm 106/128kw(144/174PS)			EX	V1644	13202-AD200	26,2x6x106,4	45 1	VV554 VV554N		6x10,04x44,2 +0,05	G P
Infinity 3.0D 24V 300 ZX 3.0D 24V Eng. VG30DE 2998ccm 136/147kw(185/200PS)		87 V6	IN EX	V1253 V1254	13201-F6511 13202-F6511	34,1x6x103,2 29,6x6x103,7	45 1 45 1				
Interstar 2.2DCi 16V 00→ Eng. G9TC7 2463ccm 66/95kw(90/129PS)		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 04→ V27.V29 - 135 Eng. G9TA7 2463ccm 66kw(90PS)		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
Interstar 2.5DCi 16V 02→ Primestar 2.5DCi 16V 03→ V27, V33, V35 Eng. G9U.A7 2463ccm 73/84/99kw(99/114/135PS)											
Murano 2.5 Dci 11→ Eng. YD25 2488ccm NEW		89 4	IN EX	V2109 V2110	13201-1AT0A 13202-1AT0A	28,5x6x106 25,9x6x105,5	45 1 45 1				
Patrol GR 3.0Di 01→ Interstar V35 3.0DCi 04→ Terrano 3.0DTi 16V 02→ Eng. ZD30DTi 2953ccm 113/116/118kw		96 4	IN EX	V1467 V1468	13201-2W200 13201-00QAL 13202-2W200 13202-00QAM	32x7x113,4 30x7x113,4	45 1 45 1	VV466 VV466N VV466 VV466N		7x11,04x45 +0,05 7x11,04x45 +0,05	G P6 G P6

	CYL. Ø 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 DIESEL												
Terano 2.7D	87→	96	IN	V1343	13201-43G01	43,5x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
Pick Up 2.7D	87→	4							VV395N		+0,05	A36
King Cab 2.7D	87→											
Bus/Van 2.7D	87→		IN	V1367	13201-G2403	43,5x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
Eng. TD27									VV395N		+0,05	A36
2663ccm	62/73kW(85/99PS)											
Terano/Teranoll 2.7TD	89→		EX	V1344	13202-31N01	38x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
Cabstar 90-32 2.7TD	89→								VV395N		+0,05	A36
Cabstar 100-35 2.7TD	89→											
Trade 100 2.7TD	89→		EX	V1368	13202-G2403	38x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
Eng. TD27T Euro 2									VV395N		+0,05	A36
2663ccm	68/73/78/81kW											
Trade 3.0D/TDi	94-98											
Eng. BD30, BD30Ti												
Alteon 110/120.35-36 3.0TDi	00→											
Cabstar E110/120.35-45 3.0TDi	98→											
Eng. BD30Ti												
2953ccm	63kW(86PS)											
Patrol 4.2D/TD	88→	96										
Patrol Wagon 4.2D/TD	92→	6										
Pathfinder 4.2D/TD	97→											
Safari 4.2D/TD	87→											
Eng. TD42/TD42T												
4169ccm	92kW(125PS)											
Atleon 70/75-14 4.0TD	00→	100	IN	V1795	13201-9X700	44,9x9,5x123,1	60	3	VV485		9,5x15,93x53	G
Atleon 80-08 4.0TD	00→	4							VV485N		+0,05	F
Atleon 140-75 4.0TD	00→											
Serie L: 50/60/70-09			EX	V1796	13202-9X700	38,9x9,5x123,4	45	3	VV485		9,5x15,93x53	G
75-14									VV485N		+0,05	F
Eng. B4.40Ti Turbo												
3989ccm	66/69/100kW											
Atleon 110.14 6.0TD	00→	100										
Atleon 166.75 6.0TD	00→	6										
Serie M: 110/125-14												
90/130/140-15												
160-20												
Eng. B6.60Ti Turbo												
5985ccm	78/99/110kW											

	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	
OM „see” IVECO												
OPEL												
Corsa 1.0S Kadett 1.0D Eng. 10S 993ccm 33kw(45PS)	82→ 80→84	72 4	IN EX	V893 V893.1 V893.2 V893N V894 V894.1 V894.2 V894N	642 675 642 837	32x7x98,9 +0,075d +0,15d +0,20d 27x7x99,5 +0,075d +0,15d +0,20d	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
Corsa L/S/TR 1.0 993ccm Kadett C 1.0 Kadett D 1.0 Eng. 10S 993ccm 30/37kw(40/50PS)	82→ 33kw(45PS) 73→ 79→	72 4	IN EX	V775 V775.1 V775.2 V775N V776 V776.1 V776.2 V776N	642 188 642 814	32x7x99,3 +0,075d +0,15d +0,20d 27x7x101,1 +0,075d +0,15d +0,20d	46 46	8 8	VV119 VV119N VV119 VV119N	90 108 699 90 108 699	7x11,03x45,5 +0,05 7x11,03x45,5 +0,05	G A1 G A1
Agila 1.0 12V Eng. K10B 996ccm Agila 1.2 16V Eng. K12B 1242ccm	07→	73 3 4	IN EX	V1923 V1924	4708925 9319374 4708933 93193762	27,5x5,5x87,5 22,9x5,5x87,1	45 45	1 1	VV498 VV498	4709231 4709231	5,5x10,6x34 5,5x10,6x34	G F G F
Agila 1.2 16V Eng. K12B WT 1242ccm NEW	10→	73 4	IN EX	V2111 V2112	12911-69L00-000 12915-69L00-000 12915-69LG0-000	27,5x5x87,5 22,9x5x87,1	45 45	1 1				
Astra 1.4 16V Adone 1.4 16V Eng. A14XER 1398ccm	11→ 12→	73,4 4	IN EX	V883 V884	90529527 90529527	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

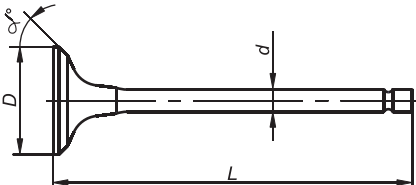
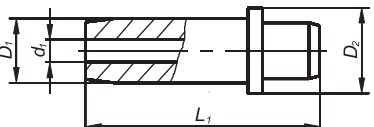
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12		
OPEL													
Kadett C/Coupe/Caravan 1.1 1078ccm 33/41kw(45/55PS)	65→73 4	IN	V775 V775.1 V775.2 V775N	642 188	32x7x99,3 +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→ 4												
Ascona L/Berlina 1.2 73→	73→	EX	V776	642 814	27x7x101,1 +0,075d +0,15d +0,20d	46	8	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1		
Corsa 1.2 82→	82→		V776.1										
Kadett C/City/Caravan 1.2 73→	73→		V776.2										
Manta L/CC 1.2 72→ Eng. 12N/S 1196ccm 39/44kw(53/60PS)	72→		V776N										
Corsa A/B, Swing 1.2 90→00 4 Eng. 12NZ, C12NZ, X12SZ 1195ccm 33kw(45PS)	90→00 4	IN	V380	641 002 903 23 519	33x7x105	45	1	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1		
Combo 1.2 93→01 4 Eng. 12NZ, C12NZ, X12SZ 1195ccm 33kw(45PS)	93→01 4	EX	V381	641 302 903 23 524	29x7x105	45	1	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1		
Corsa 1.4S 89→	89→	77,6											
Kadett 1.4i 89→91	89→91	4											
Astra 1.4i 91→	91→												
Vectra 1.4i 88→	88→												
Combo 1.4i 93→ Eng. 14NV, C14NZ, X14NZ 1389ccm 44/55kw(60/75PS)	93→												
Corsa 1.0 12V Eng. X10XE 973ccm 40kw(54PS)	97→ 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 43kw(58PS)	00→	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 48kw(65PS)	97→ 4	72,5											
Corsa, Astra, Agila 1.2 16V Eng. Z12XE 1199ccm 55kw(75PS)	01→												

												
	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
Ascona B/C 1.3 Corsa A 1.3 Kadett D/E 1.3 Manta B 1.3 Eng. 13N, 13S, 13NB, 13SB, C13N 1297ccm 44/50/55kw(60/68/75PS)	79→88 82→94 79→91 79→86	75 4	IN EX	V357 V358	642 763 904 09992 642 890 904 09996	33x7x105 29x7x105	45 45	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
Corsa A 1.2 Kadett B/C/D/E 1.2 Manta B 1.2 Eng. 12S, 12ST OHC/OHV 1196ccm 37/44kw(50/60PS)	82→93 79→88 →81	79 4										
Corsa, Astra 1.4 Combo 1.4i Kadett 1.4S Eng. C 14SE 1389ccm 60kw(82PS)	91→ 93→ 89→	77,6 4	IN EX	V999 V1000	641 015 641 317	38x7x104,6 31x7x104,6	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 G/F 1.4i 16V Corsa B, CDX 1.4i 16V Combo 1.4i 16V Tigra 1.4i 16V Eng. X 14XE-DOHC Corsa 1.4 16V Astra 1.4 16V Meriva 1.4i 16V Eng. Z 14XE-DOHC 1389ccm 66kw(90PS)	97→00 93→ 99→ 94→	77,6 4	IN EX	V639 V640	641 034 90412912 641 340 90412974	31x6x103,1 27,5x6x102,2	45 45	3 3	VV163 VV163.1 VV163 VV163.1 VV287 VV287.1	 6x10,04x35 +0,03	6x10,04x45 +0,03 6x10,04x45 +0,03	G F G F G F
Corsa B, 1.6i GSi 16V Tigra 1.6i 16V Eng. C 16XE-DOHC 1598ccm 78kw(106PS)	93→ 91→	79 4										

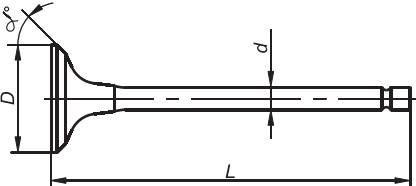
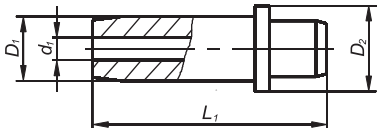


OPEL

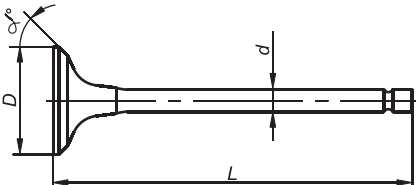
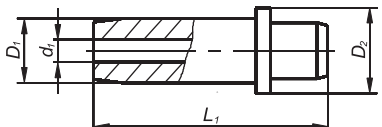
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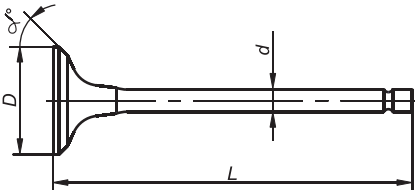
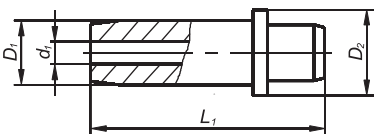
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1	2	3	4	5	6	7	8	9	10	11	12		
OPEL													
Combo 1.6 Meriva 1.6 Corsa A 1.6 KadettE 1.6 Ascona C 1.6 Vectra A 1.6 C/E Astra F 1.6 Calibra 1.6 Eng. 16SV/C16LZ/C16NZ E16NZ/E16SE 1598ccm 55/75kw(75/100PS)	01→ 03→ 87→ 85→ 86→ 88→ 91→ 92→	79 4	IN	V859	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	
			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	
			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	
			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	

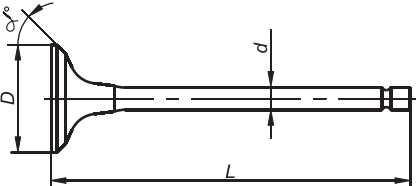
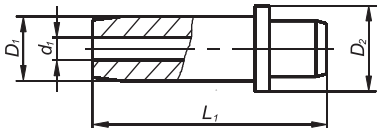
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1	2	3	4	5	6	7	8	9	10	11	12
OPEL											
Zafira 1.6i 16V Eng. Z16 XNT – A16 XNT 1598ccm NEW	09→ <										

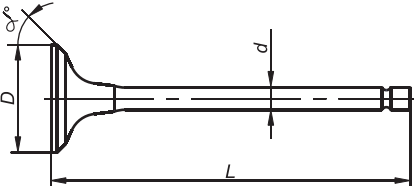
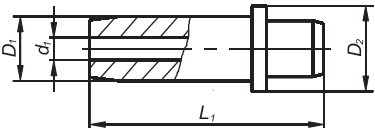
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1	2	3	4	5	6	7	8	9	10	11	12
OPEL											
Vectra 1.8 16V	94→	81,6	IN	V511	641 022	32x6x102,1	45 3	VV163		6x10,04x45	G
Astra 1.8 16V	94→	4			90412277			VV163.1		+0,03	F
Eng. C 18XE, C 18 XEL-DOHC											
Corsa 1.8 16V	99→							VV287		6x10,04x35	G
VectraB 1.8 16V	96→							VV287.1		+0,03	F
Zafira 1.8 16V	99→										
Eng. X 18XE-DOHC			EX	V512	641 325	29x6x92,2	45 3	VV163		6x10,04x45	G
1799ccm	85kw(115PS)				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										

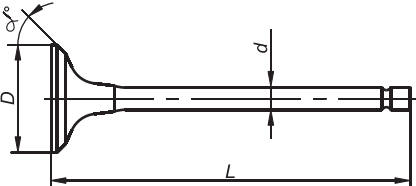
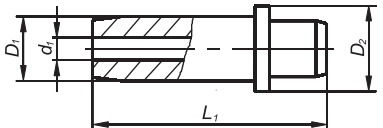
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
OPEL											
Frontera 2.2i 16V 95→ Sintra 2.2i 16V 96→ Eng. X 22XE 2198ccm 100/104kw(136/141PS)	86	IN	V511	641 022	32x6x102,1	45	3	VV163 VV163.1 VV552 BRONZE VERSION VV287 VV287.1		6x10,04x45 +0,03	G F
Frontera 2.2 16V 99→ Eng. X 22SE/Y 22SE 2198ccm 100kw(136PS)	86	IN								6x10,04x35 +0,03	B F G F
Omega, Sintra 3.0i 24V 93→ Sintra 3.0i 24V 93→ Eng. X 30XE 2961ccm 148/155kw(201/211PS)	V-6	EX	V512	641 325 641 331	29x6x92,2	45	3	VV163 VV163.1 VV552 BRONZE VERSION VV287 VV287.1		6x10,04x45 +0,03	G F B F 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	5,5x11,03x40,6 +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	5,5x11,03x40,6 +0,05 +0,20	B A
Ascona, Rekord 1.8N 82→ Eng. 18N 1795ccm 55/60kw(75/90PS)	84,8 4	IN	V975	642 643 90106802	38x8x106,1	45	1	VV144		8x12,01x43	G A1
Ascona, Rekord 1.8S 82→ Eng. 18S 1795ccm 70kw(95PS)		EX	V976	642 805 90106807	34x8x106,1	45	1	VV144		8x12,01x43	G A1
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

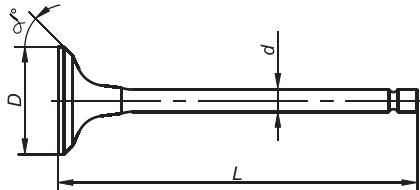
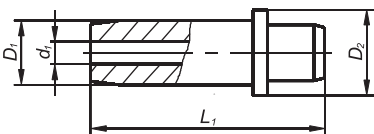
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
OPEL												
Ascona, Kadett 1.8	86→	84,8	IN	V641	642 667	41,8x7x103,8	45	1	VV119	90 108 699	7x11,03x45,5	G
Omega 1.8N/S	87→	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 60kw(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)												

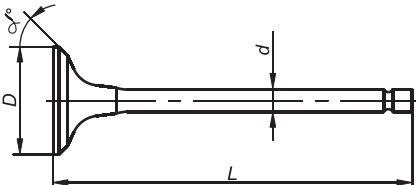
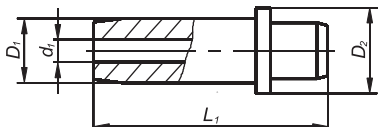
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1	2	3	4	5	6	7	8	9	10	11	12		
OPEL													
Vectra 2.0i 16V Turbo Astra 2.0i 16V Turbo Calibra 2.0 4x4 16V Turbo Eng. 20XE/C20XE/C20LE D.O.H.C. 1998ccm 110kw(150PS)	92→ 91→ 90→	86 4	IN EX	V835 V836	642 758 90322694 642 858 90322697	33x7x105 29x7x105	45 45	3 3	VV207 VV207N VV207 VV207N			7x13,04x41 +0,05 7x13,04x41 +0,05	G F1 G F1
Signum 2.0i Turbo 16V Vectra 2.0i Turbo 16V Eng. Z20 NET 1998ccm 129kw(175PS)	03→ 03→	86 4	IN EX	V1069 V1070	641 063 641 056 641 376 641 373	35,1x6x102,3 30,1x6x100,9	45 45	3 3	VV461 VV461N VV461 VV461N	9006082 9006082		6x10,04x36 +0,05 6x10,04x36 +0,05	G A G A
Astra G/H 2.2i 16V Signum 2.2i 16V Sintra 2.2i 16V Vectra C 2.2i 16V Zafira 2.2i 16V Eng. Z22 SE, Z22 YH 2198ccm 108/110/114kw	02→ 03→ 96-99 01→ 00→												
Insignia 2.0 16V Turbo Eng. A20NHT 1998ccm	08→	86 4	IN EX	V2115 V2116	55565261 641464 641465 55565262	27,7x5x114,4 24,3x5x114,4	45 45	3 3	VV556 VV556	641463 5520422 641463 5520422		5x10x46,8 5x10x46,8	G A G A
Monza 2.5i 12V Senator 2.5i 12V 2490ccm	82-87 82-87	87 6	IN	V609 V609.1 V609.2 V609N	642 750	42x9x123 +0,075d +0,15d +0,20d	46	1	VV251			9x12,76x60,9	G A
Ascona 1.9 B/L/SR Kadett E 1.9 Manta B/E 1.9 Eng. 19E 1897ccm 66kw(90PS)	75→ 75→ 75→	93 4	EX	V245 V245.1 V245.2 V245N	642 873	37x9x123,7 +0,075d +0,15d +0,20d	46	11	VV252			9x14,3/12,76x67	G B
Kadett 2.0 E/GT Eng. 20E 1979ccm 81/85kw(110/115PS)	77→	95 4											

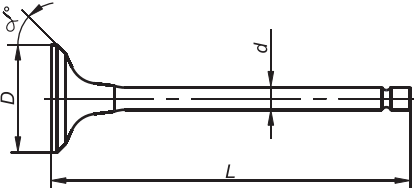
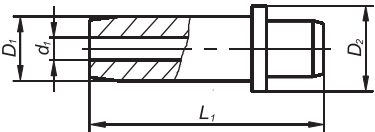
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1	2	3	4	5	6	7	8	9	10	11	12
OPEL											
Manta 2.0 E/S Rekord 2.0 E/LS/S Ascona 2.0 E/S Senator 2.2 E Eng. 20S/E 1979ccm 74/85kw(100/115PS)	77→ 75→ 77→ 77→	95 4	IN	V609 V609.1 V609.2 V609N	642 750	42x9x123 +0,075d +0,15d +0,20d	46 1	VV251		9x12,76x60,9	G A
Omega 3.0 12V Monza 3.0 E/H 12V Senator 3.0 E/H 12V Eng. 30H/E 2969ccm 111kw(150PS)	78→ 78→ 78→	96 6	EX	V245 V245.1 V245.2 V245N	642 873	37x9x123,7 +0,075d +0,15d +0,20d	46 11	VV252		9x14,3/12,76x67	G B
Astra 2.4i 16V Eng. Z24XED 2405ccm	06→	87,5 4	IN	V511	641 022 90412277	32x6x102,1	45 3	VV163 VV163.1		6x10,04x45 +0,03	G F
			EX	V512	641 325 641 331 90410813	29x6x92,2	45 3	VV163 VV163.1		6x10,04x45 +0,03	G F
Omega 2.6i Senator 2.6i Eng. C26NE 2594ccm 110kw(150PS)	90→ 90→	88,8 6	IN	V1591	641 013	42x9x122,3	45 1	VV251		9x12,76x60,9	G A
			EX	V1592	641 313	36x9x123,2	45 1	VV252		9x14,3/12,76x67	G B
Frontera 3.2 24V Eng. 6VD1 MPi 3165ccm 130/151kw(177/205PS)	98→	93,4 V6	IN	V1373		34x6x99	45 1				
			EX	V1374		30x6x100,5	45 1				
Monza 3.0 E/H 12V Senator 3.0 E/H 12V Eng. 30NE Omega Senator 3.0i 12V Eng. C30LE 2969ccm 110/130kw(150-177PS)	87→ 87→ 87→	95 6	IN	V609	642 750	42x9x123	46 1	VV251		9x12,76x60,9	G A
			EX	V678	642 912	37x9x123,7	45 1	VV252		9x14,3/12,76x67	G B
Monza 2.2E Rekord 2.2E Senator 2.2E Eng. 22E 2182ccm 85kw(115PS)	85→ 85→ 85→	95 4	IN	V881	642 754 642 663	45x9x122,5	46 1	VV251		9x12,76x60,9	G A
			EX	V882	642 928 642 826	40x9x123,7	46 1	VV252		9x14,3/12,76x67	G B

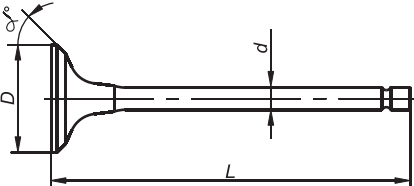
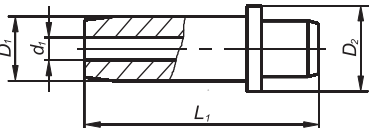
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
OPEL											
Omega CD 2.4i Frontera 2.4i Eng. C24NE 2410ccm	90→ 91→ 92kw(125PS)	95 4 EX	IN V882	642 754 642 663 642 928 642 826	45x9x122,5 40x9x123,7	46 46	1 1	VV251 VV252	 9x14,3/12,76x67	9x12,76x60,9 G A B	G A 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	6x10,03x43,2 +0,03 +0,23 6x10,03x43,2 +0,03 +0,23	G F3 G F3 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	 642 065 642 066	6x10,03x43,2 +0,03 +0,23 6x10,03x43,2 +0,03 +0,23	G F3 G F3

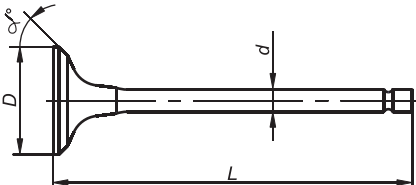
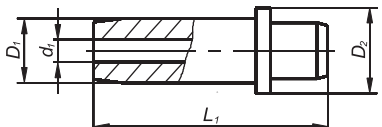
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
OPEL DIESEL											
Agila 1.3CDTi 16V 07→ Astra H 1.3CDTi 16V 05→ Corsa C 1.3CDTi 16V 03→ Corsa D 1.3CDi 16V 06→ Meriva 1.3CDTi 16V 03→ Zafira B 1.3CDTi 16V 05→ Eng. Z13 DTH 1248ccm 66kw(90PS) Eng. Z13 DTJ 1248ccm 51/55kw(70/75PS)	69,8 4	IN EX	V1413 V1414	641 072 93186090 641 077 641 071 641 402 93177306 93190438	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	6x10,03x43,2 +0,03 +0,23 6x10,03x43,2 +0,03 +0,23	G F3 G F3
Kadett 1.5D 87→ Corsa 1.5D Swing 87→ Eng. 4EC1, X15D 1488ccm 37kw(50PS) Corsa 1.5TD Swing 88→ Kadett 1.5TD 88→ Eng. 4EC1-Turbo, X15DT 1488ccm 49kw(67PS) Astra, Vectra A 1.7TD 92→ Vectra B 1.7TD 96→ Eng. TC4EE1 Turbo, X17DT 1685ccm 60kw(82PS) Corsa B 1.7D 93→ Combo 1.7D 94→ Eng. 4EEI, X17D 1686ccm 44kw(60PS)	76 4 79 4	IN EX IN EX	V671 V672	641 007 641 004 94370173 641 300 641 322 97037591	34,6x7x104,1 30,6x7x104	45 45	1 1	VV196 VV196.1 VV196N VV196N1 VV196 VV196.1 VV196N VV196N1	642 005 642 005	7x11,55x43 +0,05 +0,10 +0,15 7x11,55x43 +0,05 +0,10 +0,15	G P1 G P1
Corsa 1.7 Di 16V 00→ Eng. Y 17D 1686ccm 48kw(65PS) Corsa 1.7Di/DTi 16V 00→ Combo 1.7 DTi 16V 01→ Astra 1.7Di/DTi 16V 00→ Meriva 1.7DTi 16V 02→ Eng. Y 17DT Turbo 1686ccm 55kw(75PS) Astra 1.7CDTi 16V 04→ Eng. 17DTL/17CDTi 1686ccm 59kw(80PS)	79 4	IN EX	V977 V978	641 025 971 85 860 641 369 971 85 352	27,4x6x98,5 26,5x6x98,1	45 45	1 1	VV231 VV231N VV231 VV231N		6x11,05x42 +0,05 6x11,05x42 +0,05	G F G F

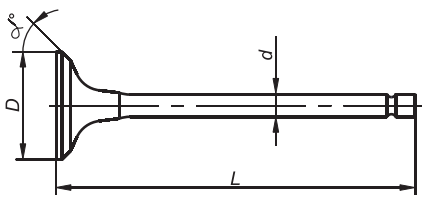
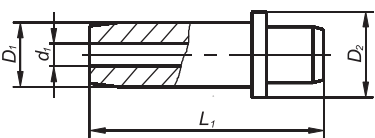
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1	2	3	4	5	6	7	8	9	10	11	12
OPEL DIESEL											
Meriva 1.7 CDTi Corsa 1.7 CDTi Astra 1.7 CDTi Eng. A 17 DTR Eng. Z 17 DTR 1686ccm NEW	06→ 06→ 07→	79 4	IN EX	V2041 V2042	641 085 641 086	27,4x6x102,6 25,45x6x102,4	45 45	1 1	VV231 VV231N VV231 VV231N	 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 40kw(54PS)	82→ 82→ 82→ 00→	80 4	IN EX	V695 V695N V695N1 V695N3 V696	642 651 90169309 641 353	36x8x123,2 +0,3S +0,5S +1,0S 32x8x123,2	46 46	1 1	VV120 VV120.1 VV120N VV120 VV120.1 VV120N	8x12,01x50,1 +0,05 +0,20 8x12,01x50,1 +0,05 +0,20	G A1 G A1
Kadett 1.7D Vectra 1.7D Astra 1.7D Combo 1.7D Eng. 17D/17DR 1700ccm 42kw(57PS)	89→ 89→ 91→ 94→	82,5 4		V696N V696N1 V696N3	642 818 90499097	+0,3S +0,5S +1,0S					
Astra, Vectra 1.7TD Eng. X17DTL Turbo 1699ccm 50kw(68PS)	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	
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
Vivaro 1.9 DTI Eng. F9Q 760 1870ccm 74kw(101PS)	01→		IN	V885		35x8x110	45	1	VV146 VV146.1 VV146.2		8x13,06x39 +0,05 +0,20	B F
Vivaro 1.9 DI Eng. F9Q 762 1870ccm 60kw(82PS)	01→		IN	V855 V855N3		36,1x8x111,7 +1,0S	60	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		EX	V886		31,3x8x109,8	45	1	VV146 VV146.1 VV146.2		8x13,06x39 +0,05 +0,20	B F
Movano 1.9 DTI Eng. F9Q 772 1870ccm 60kw(82PS)	99→		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 774 1870ccm 50/60kw(79/82PS)	02→											
Vivaro 1.9DTI Movano 1.9DTI Eng. F9Q 760/770 1870ccm 58/74kw(79/101PS)	01→ 99→	80 4	IN	V951	4415921 7700 110 387	35,4x7x111	45	1	VV182 VV182.1	7700 859 086	7x12,06x38,3 +0,05	B F
			EX	V952	4415922 7700 110 389	32,6x7x110,8	45	1	VV182 VV182.1	7700 859 086	7x12,06x38,3 +0,05	B F

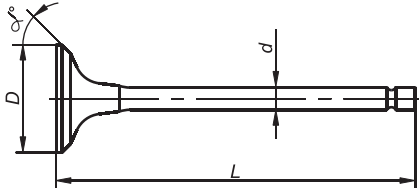
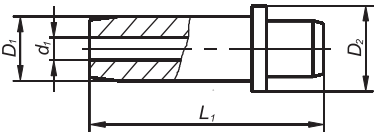
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OPEL DIESEL											
Vivaro 1.9 Di 16V 2500-2700-2900 1870ccm	04→	80 4	IN	V1279	4506083	30,7x6x123,1	45	3	VV301 VV301N2 VV301N VV301N1	6x11,04x50 +0,05 +0,15 +0,20	B F
Movano 2.2 TDi 16V Eng. G97.C7 2187ccm	00→	87 4	EX	V1280	4506084	29,5x6x123,1	45	3	VV301 VV301N2 VV301N VV301N1	6x11,04x50 +0,05 +0,15 +0,20	B F
Movano 2.5 DTi 16V 2800-3300-3500 Vivaro 2.5 DTi 16V 2500-2700-2900 Eng. G9U.A7 2463ccm	01→ 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

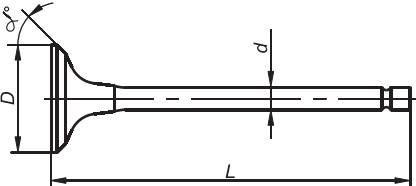
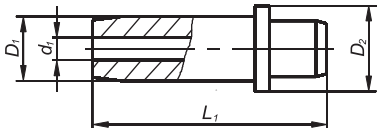
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1	2	3	4	5	6	7	8	9	10	11	12
OPEL DIESEL											
Vivaro 2.0 DCi Eng. M9R 1995ccm	06→	84 4	IN	V1797	4431242	27,7x6x104	45 3	VV551		6x11,06x42,4	B F
			EX	V1798	4431241	26x6x103,8	45 3	VV551		6x11,06x42,4	B F
Vectra, Omega 2.0DTi 16V Eng. X20 DTH/DTL 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 Frontera 2.2TDi 16V Omega 2.2TDi 16V Signum 2.2TDi 16V Sintra 2.2TDi 16V Vectra 2.2TDi 16V Zafira 2.2TDi 16V Eng. Y22 DTH/DTR, X22 DTH 2171ccm 85/88kw(116/120PS)	02→ 95→ 00→ 03→ 97→ 00→ 02→										
Movano 2.3 CDTi 16V Eng. M9T 2299ccm NEW	11→	85 4	IN	V2119	4420439 93168105 13201-2274R	27,7x6x103,9	45 3	VV551		6x11,06x42,4	B F
			EX	V1798	7701476595 4431241 93161681	26x6x103,8	45 3	VV551		6x11,06x42,4	B F
Antara 2.2 CDTi Eng. A22DM-A22DMH 2231ccm NEW	10→	86 4	IN	V2043	4802219	28,8x5,5x101,9	45 3				
			EX	V2044	4802220	26,45x5,5x101,9	45 3				

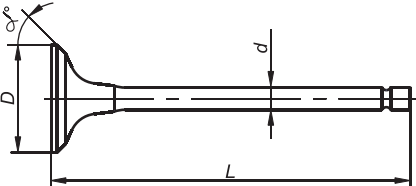
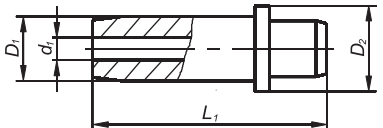
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
OPEL DIESEL												
Ascona, Manta 2.0D Rekord 2.0D Eng. 20D 1998ccm 43kw(58PS)	82→ 82→ 43kw(58PS)	86,5 4	IN	V643 V643.1 V643.2 V643N V643N1	642 759 90027622 +0,075d +0,15d +0,20d +0,40d	45	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	45	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	6x11,05x42	G P
			EX	V1780	641 384	26,5x6x98,1	45	1	VV482	642 060	6x11,05x42	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	6x11,05x42	G P
			EX	V2122	641 0397 97353104	28x6x97,9	45	1	VV482	642 060	6x11,05x42	G P
NEW												

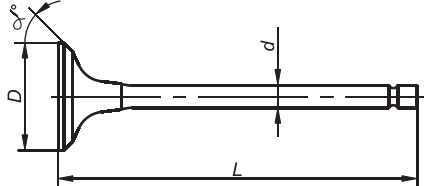
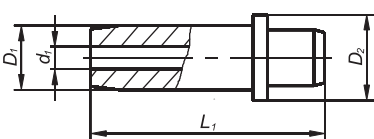
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1	2	3	4	5	6	7	8	9	10	11	12
OPEL DIESEL											
Omega 2.3TD 86→ Eng. 23DTR/23YDT Turbo 2260ccm 66kw(90PS)	92 4	IN	V619	642 659 642 683	42x8x127,2	46	1				
			V619.1		+0,075d						
			V619.2		+0,15d						
			V619N		+0,20d						
			V619N1		+0,40d						
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)	92 4										
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				

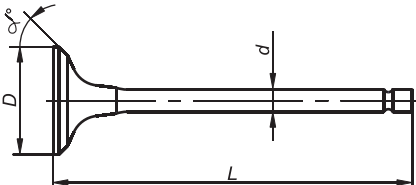
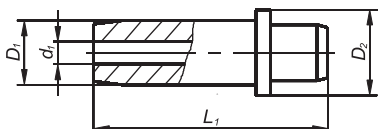
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1	2	3	4	5	6	7	8	9	10	11	12
OPEL DIESEL											
Movano 2.8TDi Eng. S9W Euro 2 2798ccm 84kw(114PS)	98→ 4	IN	V326	7 301 820	41x8x120,7 +1,0S	60	1	VV57	4 749 395	8x13,03x56	G
			V326N3					VV57.1	4 749 397	+0,03	F
								VV57.2	4 749 398	+0,08	
								VV57.3		+0,18	
								VV57.4	4 749 399	+0,23	
		EX	V681	99432837	35,9x8x122 +1,0S	45	1	VV57	4 749 395	8x13,03x56	G
			V681N3					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	
Movano 3.0CDTi 3300-3500 Eng. ZD30 DTi 2953ccm 113kw(154PS)	04→ 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→ V6	IN	V1649	641 049 97131961	34x6x103,8	45	1				
		EX	V1650	641 360 97131962	29x6x103,5	45	1				
PERKINS											
ENG. 4.99 1622ccm 30kw(40PS) ENG. 4.108 1759ccm 39kw(53PS) ENG. 4.107 1753ccm 31kw(42PS)	58-73 30kw(40PS) 61→ 39kw(53PS) 61→ 31kw(42PS)	IN	V70	31431661 0910060	35,9x8x116,8	45	1	VV03	33261723	8x12,73x62	G
								VV03N4		+0,02	A6
								VV03.1		+0,05	
								VV03N		+0,1	
								VV03N7		+0,15	
								VV03N1		+0,20	
								VV03N6		-0,03d ₁	
								VV03	33261723	8x12,73x62	G
	EX	V71	31431861 0910061	30,3x8x117	45	1	VV03	33261723	8x12,73x62	G	
							VV03N4		+0,02	A6	
							VV03.1		+0,05		
							VV03N		+0,1		
							VV03N7		+0,15		
							VV03N1		+0,20		
							VV03N6		-0,03d ₁		

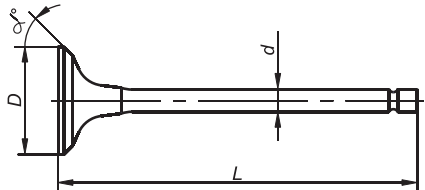
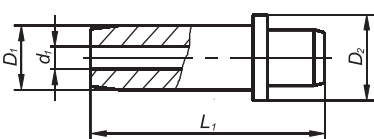
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PERKINS											
ENG. 3.27 S 900		IN	V1841	3142H007 3142H042	41,8x7x115,5	55	3	VV475 VV475N		7x12,06x45,5 +0,05	G A1
		EX	V1842	3142A091	38x7x115,5	45	3	VV475 VV475N		7x12,06x45,5 +0,05	G A1
Perkins Eng. UA Series 700	80 3	IN	V1111	3142 H011	44x7x106,5	45	3	VV232 VV232N		7x12,05x42	G F
		EX	V1112	3142 A101	37,2x7x106,3	45	3	VV232 VV232N		7x12,05x42	G F
ENG. 3.27 Series 700 Forklift ENG. 3.27 Series 900 Eng. CAT 3034	04→ 04→	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	3143 1951	33,4x8x114,4 +0,3S +0,5S	45	1	VV03 VV03N4 VV03.1	33261723	8x12,73x62 +0,02 +0,05	G A6
			V08N2 V08N3 V08N4 V08N5		+1,2D +0,8S +1,0S +2,0S			VV03N VV03N7 VV03N1 VV03N6		+0,1 +0,15 +0,20 -0,03d ₁	
ENG. P6, 6.288 4720ccm 61kw(83PS)	45-66 88,9 6	IN	V08 V08N V08N1	3143 1951	33,4x8x114,4 +0,3S +0,5S	45	1	VV03 VV03N4 VV03.1	33261723	8x12,73x62 +0,02 +0,05	G A6
			V08N2 V08N3 V08N4 V08N5		+1,2D +0,8S +1,0S +2,0S			VV03N VV03N7 VV03N1 VV03N6		+0,1 +0,15 +0,20 -0,03d ₁	
ENG. 3.152 2491ccm 33kw(44PS)	53-70 91,5 3	IN	V08 V08N V08N1	3143 1951	33,4x8x114,4 +0,3S +0,5S	45	1	VV03 VV03N4 VV03.1	33261723	8x12,73x62 +0,02 +0,05	G A6
			V08N2 V08N3 V08N4 V08N5		+1,2D +0,8S +1,0S +2,0S			VV03N VV03N7 VV03N1 VV03N6		+0,1 +0,15 +0,20 -0,03d ₁	
ENG. 4.203 3330ccm 44kw(60PS)	59→ 91,5 6	IN	V08 V08N V08N1	3143 1951	33,4x8x114,4 +0,3S +0,5S	45	1	VV03 VV03N4 VV03.1	33261723	8x12,73x62 +0,02 +0,05	G A6
			V08N2 V08N3 V08N4 V08N5		+1,2D +0,8S +1,0S +2,0S			VV03N VV03N7 VV03N1 VV03N6		+0,1 +0,15 +0,20 -0,03d ₁	
ENG. 6.305 5000ccm 66kw(90PS)	59-66 91,5 6	IN	V08 V08N V08N1	3143 1951	33,4x8x114,4 +0,3S +0,5S	45	1	VV03 VV03N4 VV03.1	33261723	8x12,73x62 +0,02 +0,05	G A6
			V08N2 V08N3 V08N4 V08N5		+1,2D +0,8S +1,0S +2,0S			VV03N VV03N7 VV03N1 VV03N6		+0,1 +0,15 +0,20 -0,03d ₁	

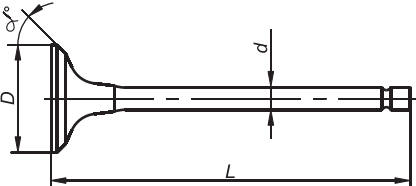
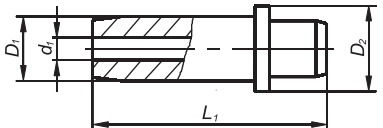
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PERKINS											
ENG. D3.152 2491ccm 70→ 31kw(42PS)	91,5 3	IN	V675 V675N1 V675N2 V675N3	3143 1281	39x8x114,3 +0,5S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

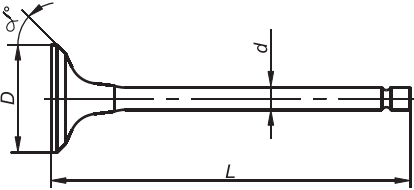
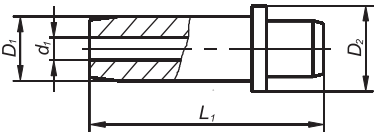
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PERKINS											
ENG. 4.40 Phaser 90 (1004-4) ENG. T4.40 Turbo 86→ Phaser 110T ENG. C4.40 Turbo 89→ Phaser 120TI 3990ccm 116kw(158PS) ENG. 6.60 Phaser 125 (1006-6) ENG. T6.60 Turbo 86→ Phaser 160T (1006-6T) ENG. CC6.60 Turbo 89→ Phaser 180TI 5985ccm 130kw(177PS)	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
		IN	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
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				
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										
		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°	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												
106 XR 1.0 Eng. C1A, TU9 954ccm 32kw(44PS)	91→	70 4	IN	V1093	0948.57	34,7x7x112,8	60	1	VV243 VV243.1 VV243.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20	G F
205 GL/XE/Junior 1.0 Eng. C1A, TU9A 954ccm 33kw(45PS)	86→		EX	V1094	0949.58	27,7x7x112,6	45	1	VV243 VV243.1 VV243.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20	G F
107 1.0 12V VVT Eng. 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
104 GL6/GR/SL 1.1 104 ZA/ZR/ZS/ZS2 1.1 Eng. XW3/XW5/XW3S 1124ccm 42/49kw(57/66PS)	72→ 72→	72 4	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										
104 S/ZS 1.4 104 ZS2 1.4 Eng. XY6B/XYR 1361ccm 52/69kw(72/93PS)	80→ 82→											
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→											

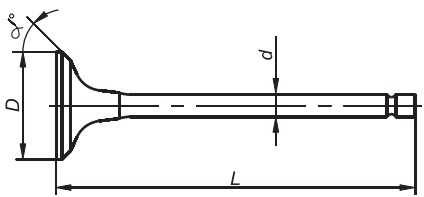
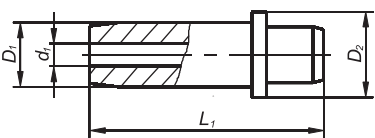
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT												
106 1.1/1.1i	91→	72 4	IN	V694	0948.58	36,7x7x112,8	60	1	VV243	0220.59	7x13,07x47,5	G
205 1.1/1.1i	87→98								VV243.1	0220.60	+0,05	F
306 1.1/1.1i	89→97								VV243.2	9456 001 145	+0,20	
309 1.1/1.1i	89→93	EX	V632	0949.59	29,3x7x112,6	45	1	VV243	0220.59	7x13,07x47,5	G	
Partner 1.1/1.1i	93→97							VV243.1	0220.60	+0,05	F	
Eng. TU /KM/M/MZ								VV243.2	9456 001 145	+0,20		
1124ccm	34/40/44kw(46/54/60PS)											
106 1.1i	00→	72 4	IN	V694	0948.58	36,7x7x112,8	60	1	VV243	0220.59	7x13,07x47,5	G
205 1.1i	98→								VV243.1	0220.60	+0,05	F
Partner 1.1i	96→								VV243.2	9456 001 145	+0,20	
Eng. TU1JP		EX	V632	0949.59	29,3x7x112,6	45	1	VV243	0220.59	7x13,07x47,5	G	
1124ccm	44kw(60PS)							VV243.1	0220.60	+0,05	F	
								VV243.2	9456 001 145	+0,20		
106 1.4/1.4i	91→	75 4										
205 1.4/1.4i	87→											
306 1.4/1.4i	93→											
309 1.4/1.4i	88→											
405 1.4/1.4i	89→											
Partner 1.4i	96→02											
Eng. TU3/A/S/FM/2K												
Eng. TU3FM/MC, TU3.2												
1341ccm	44→62kw(60→84PS)											
106 1.4i	96→											
205 1.4i	88→98											
206 1.4i	98→											
306 1.4i	96→03											
307 1.4i	00→											
1007 1.4i	05→											
Partner 1.4i	96→											
Ranch 1.4i	97→											
Eng. TU 3JP												
1341ccm	53/55kw(72/75PS)											

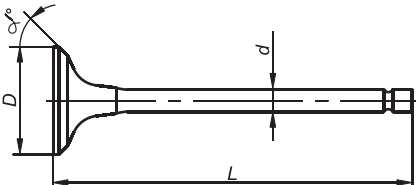
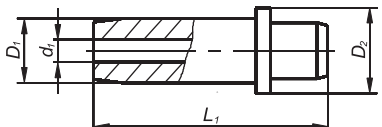
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT												
106, 206 1.1i Partner 1.1i Eng. TU1JP 1124ccm 44kW(60PS)	98→ 00→	72 4	IN EX	V633 V632	0948.91 0949.59	36,7x7x112,8 29,3x7x112,6	45 45	1 1	VV243 VV243.1 VV243.2 VV243 VV243.1 VV243.2	0220.59 0220.60 9456 001 145 0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	G F G F
205 Rallye Eng. TU24 1294ccm 74kW(101PS)	91→	75 4	IN EX	V2171 V2172	0948.64 0949.65	39,3x8x111,8 31,2x8x111,6	45 45	3 3	VV242 VV242.1 VV242.2 VV242 VV242.1 VV242.2	0220.72 0221.17 0220.72 0221.17	8x13,07x45 +0,05 +0,20 8x13,07x45 +0,05 +0,20	B 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 EX	V1251 V1252	0948.C8 0949.C4	28,3x5,5x100,8 24,3x5,5x101,1	45 45	3 3	VV384 VV384N VV384 VV384N	 5,5x10,58x38 +0,03	5,5x10,58x38 +0,03	B A B A
205 1.1 309 GL/GR 1.1 Eng. E1A/B 1118ccm 41kW(56PS)	85→ 85→	74 4	IN EX	V1573 V1572	0948.51 0949.53	34x8x107 29x8x107,7	45 45	1 1				
208 1.2 12V VTI Eng. HMZ 1199ccm NEW	12→	75 3	IN EX	V2123 V2124	9676359080 9676359180	29,1x5,5x92,5 26,1x5x91,8	45 45	1 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
106 XiS 1.4i Eng. TU3F 1361ccm 72kW(99PS)	91→		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 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→											

	CYL. Ø 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. 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
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 NEW	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 NEW	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 NEW	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

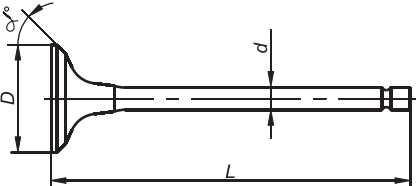
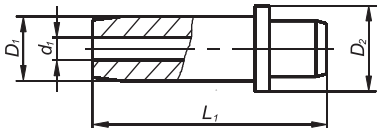
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT											
207 1.6i 16V 207 CC 1.6 16V 308 1.6i 16V Eng. EPG 1598ccm 88kw(120PS) NEW	07→08 07→ 07→	77 4	IN	V1673	0948.E8	28,8x5x105,7	45 3	VV519 VV519N		5x9,03x41 +0,05	B A
			EX	V1674	0949.E2	26,2x5x110,1	45 3	VV520 VV520N		5x9,03x44,5 +0,05	B A
106i 1.6i Eng. TU5JP, NFZ, NFY 206 1.6i 306 1.6i XR/XT Eng. TU5JP, NFZ, NFT 1587ccm 65kW(88PS)	98→ 98→ 99→	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
			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	24,5x6x104,2	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

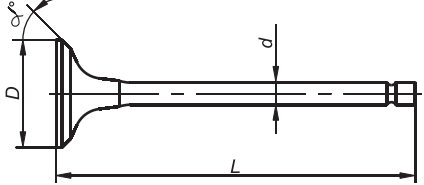
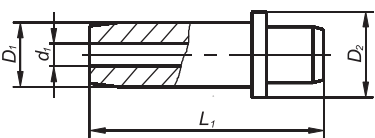
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT											
205 GTi, 305GT 1.6i 309 GT 1.6i Eng. XU5J, 180A 1580ccm 77kw(105PS)	84→ 86→	83 4	IN	V967	0948.47	40x8x108,8	45 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→		EX EX	V968 V1116	0949.52 0949.48	33x8x108,1 32x8x108,7	45 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	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
			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

	CYL. Ø 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 1905ccm 75/77kw(100/105PS)	85→ 85→ 85→ 87→	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
305 GTX 1.9 Eng. XU9-S, D2B 1905ccm 75/77kw(100/105PS)	84→		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→										

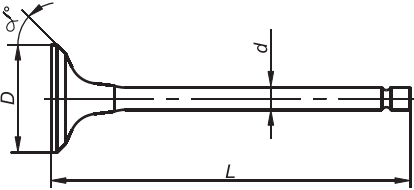
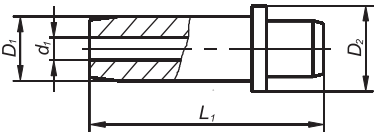
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT												
306 1.8i 16V 406 1.8i 16V Eng. XU7JP4 1762ccm	97-03 95-04 81kW(110PS)	83 4	IN IN EX EX	V933 V909 V1184 V910	0948.82 0948.75 0949.92 0949.A6 0949.81	34,1x6x106,4 34,6x7x106,4 29,6x6x105,7 29,6x7x105,7	45 45 45 45	1 3 1 3	VV317 VV317.1 VV244 VV244.1 VV318 VV318.1 VV318 VV318.1	0221.25 0221.19 0221.24 0221.19	6x12,06x40,8 +0,05 7x12,08x40 +0,05 6x12,06x40,8 +0,05 7x12,08x40 +0,05	B F B F G F B F
306 1.8i 16V 406 SL/ST 1.8i 16V Eng. XU7JP4, LFY DOHC 1761ccm	97-03 95→ 81kW(110PS)	83 4	IN EX	V909* V910*	0948.75 0948.61 * Retainer s.e. 2,2 mm 0949.81	34,6x7x106,4 29,6x7x105,7	45 45	3 3	VV244 VV244.1 VV244 VV244.1	0221.19 0221.19	7x12,08x40 +0,05 7x12,08x40 +0,05	B F B F
309 1.9GTI 16V 405 1.9MI 16V Eng. XU9J4, D6C 1905ccm	89→ 87→ 118kW (160PS)	86 4			0949.62 * Retainer s.e. 2,2 mm							
306 2.0i 16V 405 2.0i 16V 406 ST/SV/Coupe 2.0i 16V 605 SRI/SLi 2.0i 16V Eng. XU10J4R/JP4R, RFV DOHC 1998ccm	97→ 97→ 95→ 95→ 98kW(133PS)	86 4										
306 GTI 1.8 16V Eng. XU7J4 1762ccm	96→ 81kW(110PS)	83 4	IN EX	V1273* V1274*	0948.61 * Retainer s.e. 4 mm 0949.62 * Retainer s.e. 4 mm	34,6x7x106,4 29,6x7x105,8	45 45	3 3	VV413 VV413.1 VV413 VV413.1	0220.73 0220.73	7x12,08x40 +0,03 7x12,08x40 +0,03	B F3 B F3
309 GTI 1.9 16V 405 MI 1.9 16V Eng. XU9J4, D6C 1905ccm	88→ 88→ 118kW(160PS)											

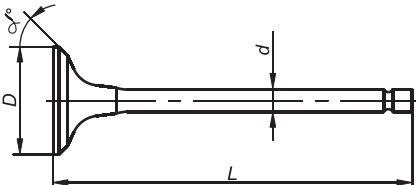
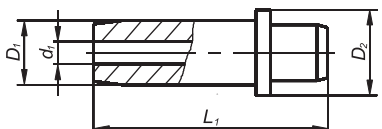
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT												
306 S16 2.0 16V 306 Cabrio 2.0 16V 405 MI 2.0 16V 406 2.0i 16V Eng. XU10J4, RFT 1998ccm 110kW(150PS)	93→ 93→ 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(96/90PS)	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

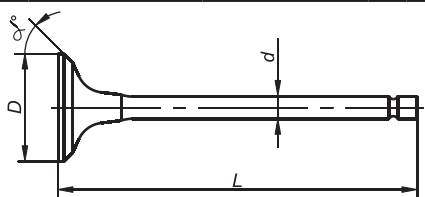
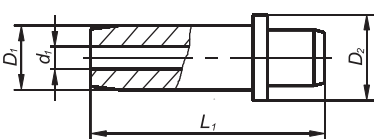
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT											
206 2.0i 16V	99→	85	IN	V1091	0948.99	33,3x6x106,2	45 1	VV449		6x12,07x40,8	B
406 2.0i 16V	99→	4						VV449.1		+0,05	F
407 2.0i 16V	04→										
806 2.0i 16V	98→		EX	V1092	0949.99	28,9x6x103,6	45 1	VV449		6x12,07x40,8	B
807 2.0i 16V								VV449.1		+0,05	F
206 CC 2.0i 16V	01→										
307 2.0i 16V	01→										
607 2.0i 16V	00→										
Expert Combi 20i 16V	99→										
Eng. EW10J4, RFN/RFR											
1998ccm	99/101kW(135/137PS)										
306 XT/Cabriolet 2.0i	93→	86	IN	V997	0948.66	42,6x8x108,8	45 3	VV239	0220.85	8x13,08x43,6	B
405 GRi, GTX, SRi, STi 2.0i	92→	4						VV239.1		+0,05	F
605 SL, SR, SRi, SVi 2.0i	93→							VV239.2		+0,20	
806 SR 2.0i	94→										
Boxer 2.0i	94→		EX	V998	0949.72	34,5x8x108,4	45 3	VV240	0221.21	8x13,08x50,6	B
Eng. XU10J2/J2C, RFU, RFX OHC					0949.76			VV240.1		+0,05	F
605 2.0/2.0i	89→							VV240.2		+0,20	
Boxer 2.0	94→										
Eng. XU102C/M, R5A SOHC											
1998ccm	85/89/96W(115/121/130PS)										
406 SP 2.0 Turbo	96→										
605 SRTi/SVTi 2.0 Turbo	95→										
806 ST/SV 2.0 Turbo	94→										
Eng. XU10J2TE, RGX, RGY Turbo											
1998ccm	108kW(147PS)										
306 2.0i 16V	97→	86	IN	V933	0948.82	34,1x6x106,4	45 1	VV449		6x12,07x 40,8	B
Eng. XU10J4RS DOHC, RFS		4						VV449.1		+0,05	F
1998ccm	120kW(163PS)		EX	V934	0949.87	30,7x6x105,3	45 1	VV449		6x12,07x 40,8	B
								VV449.1		+0,05	F
306 1.8i 16V	97→	86	IN	V1183	0948.82	34,6x6x106,3	45 1	VV449		6x12,07x40,8	B
406 1.8i 16V		4						VV449.1		+0,05	F
Eng. XU7JPA-LFY											
From spec. 07360			EX	V1184	0949.92	29,6x6x105,7	45 1	VV449		6x12,07x40,8	B
1762ccm					0949.A6			VV449.1		+0,05	F

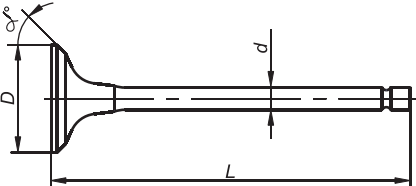
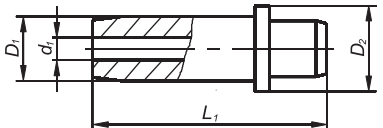
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT											
306 2.0i 16V 406 2.0i 16V 605 2.0i 16V 806 2.0i 16V Eng. XU10J4R-RFV FROM SPEC. 07360 1998ccm	97→	86 4	IN	V1183	0948.82	34,6x6x106,3	45	1	VV449 VV449.1	6x12,07x40,8 +0,05	B F
			EX	V1184	0949.92 0949.A6	29,6x6x105,7	45	1	VV449 VV449.1	6x12,07x40,8 +0,05	B F
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	V1455	0948.A1	35x6x106	45	1	VV449 VV449.1	6x12,07x40,8 +0,05	B F
			EX	V1456	0949.A2	31,1x6x102,9	45	1	VV449 VV449.1	6x12,07x40,8 +0,05	B F
Expert 1.6i Eng. 220 A2.000 Fiat 1581ccm	96→	86,4 4	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 +0,03 4 372 161 +0,08 4 250 804 +0,18 4 372 162 +0,23	G F
	63kW(86PS)		EX	V506	5 973 129	33,2x8x109	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 +0,03 4 372 161 +0,08 4 250 804 +0,18 4 372 162 +0,23	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	V1247	0948.A5	35x6x108,4	45	1	VV201 VV201.1	0220.95 6x11,08x40 +0,05	B F
	150/152kW(204/207PS)		EX	V1248	0949.A5	30,5x6x106,9	45	1	VV201 VV201.1	0220.95 6x11,08x40 +0,05	B F

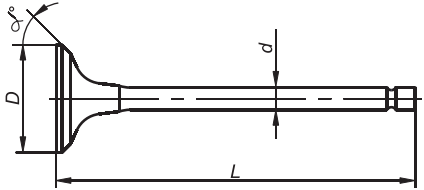
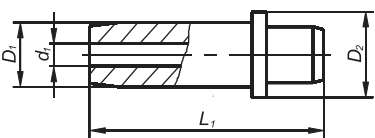
	CYL. Ø Nº	IN EX									
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1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT DIESEL											
Bipper 1,3 HDI Eng. 199A9.000 1248ccm	69,6 4	IN	V1413		21,7x6x109,2	45	3	VV391 VV391.1		6x10,03x43,2 +0,03	G F3
		EX	V1414		21,7x6x109,2	45	3	VV391 VV391.1		6x10,03x43,2 +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 NEW	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						

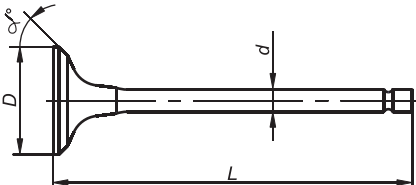
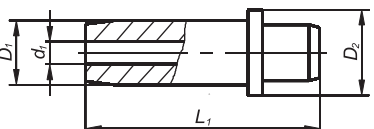
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT DIESEL											
1007 1.6Hdi 16V 206 1.6Hdi 16V 207 1.6Hdi 16V 307 1.6Hdi 16V 407 1.6Hdi 16V Partner 1.6Hdi 16V Ranch 1.6Hdi 16V Eng. DV6TED4, 9HY, 9HZ Eng. DV6ATED4, 9HX 1560ccm	07→ 04→ 05→ 04→ 04→ 05→ 05→	75 4	IN	V1493	0948.C7	25,6x5,5x96,4	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
307 1.6Hdi 16V 407 1.6Hdi 16V Partner 1.6Hdi 16V Ranch 1.6Hdi 16V Eng. DV6TED4, 9HY, 9HZ Eng. DV6ATED4, 9HX 1560ccm	04→ 04→ 05→ 05→		EX	V1494	0949.C3	23,4x5,5x96,6	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
5008 1.6Hdi 207 1.6Hdi 508 1.6Hdi 308 1.6Hdi Eng. 9HP (DV6DTED) 1560ccm NEW	10→ 09→ 10→ 09→	75 4	IN	V2049	0948.F7	30,15x5,5x95,6	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
207 1.6Hdi 16V 308 1.6Hdi 16V 3008 1.6Hdi 16V 5008 1.6Hdi 16V Eng. 9HZ (DV6TED4) 1560ccm NEW	10→ 10→ 10→ 10→		EX	V2050	0949.F5	27,5x5,5x95,5	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
207 1.6Hdi 16V 308 1.6Hdi 16V 3008 1.6Hdi 16V 5008 1.6Hdi 16V Eng. 9HZ (DV6TED4) 1560ccm NEW	10→ 10→ 10→ 10→	75 4	IN	V2093	0948.G1	25,6x5,5x96,1	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
207 1.6Hdi 16V 308 1.6Hdi 16V 3008 1.6Hdi 16V 5008 1.6Hdi 16V Eng. 9HZ (DV6TED4) 1560ccm NEW	10→ 10→ 10→ 10→		EX	V2094	0949.F7	23,5x5,5x96,3	45 3	VV399 VV399N		5,5x9,56x34 +0,05	G A
106 SRD, GRD 1.5D 106 XRD, XTD 1.5D Eng. TUD5, VJX, VJY 1527ccm	94→ 96→	77 4	IN	V1089	0948.74 0948.A8	37x7x108,5 +0,5S	45 1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F
106 SRD, GRD 1.5D 106 XRD, XTD 1.5D Eng. TUD5, VJX, VJY 1527ccm	94→ 96→		EX	V1089N1 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
304 LD 1.5D 305 D/GRD/GLD 1.5D 305 SRD/SRD Break 1.5D Eng. XID/XIDL 1548ccm	79→ 79→ 79→82	80 4	IN	V1117	0948.40	36,4x8x110,3	60 1	VV141 VV141.1 VV141.2 VV141.3	0220.25	8x14,06x55 +0,05 +0,10 +0,20	G F
304 LD 1.5D 305 D/GRD/GLD 1.5D 305 SRD/SRD Break 1.5D Eng. XID/XIDL 1548ccm	79→ 79→ 79→82		EX	V1118	0949.37	31x8x110	45 1	VV141 VV141.1 VV141.2 VV141.3	0220.25	8x14,06x55 +0,05 +0,10 +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	
PEUGEOT DIESEL												
205 GLD/GRD/SRD 1.8D	83-86	80	IN	V709	0948.46	38x8x112,4	60	1	VV148	0220.55	8x14,06x50	B
305 GLD/SRD 1.8D	83-86	4		V709N1		+0,5S			VV148.1		+0,03	A
309 GLD/SRD 1.8D	85-86			V709N3		+1,0S			VV148.2		+0,18	
Eng. XUD7-161A												
1769ccm	44kw(60PS)		EX	V722	0949.60	33x8x111,9	45	1	VV148	0220.55	8x14,06x50	B
				V722N1		+0,5S			VV148.1		+0,03	A
Horizon 1.9 EXD/LD	82→	83		V722N3		+1,0S			VV148.2		+0,18	
Solara 1.9 D	80→	4										
305 GLD/SRD 1.9D	83-86		EX	V710	0949.73	33x8x111,9	45	1	VV148	0220.55	8x14,06x50	B
309 GLD/GRD/SRD/XRD/XLD				V710N1		+0,5S			VV148.1		+0,03	A
XAD/XLD/XRD 1.9D	83-86			V710N3		+1,0S			VV148.2		+0,18	
Eng. XUD9-162, D9A												
1905 ccm	48kw(70PS)											
205 GLD/GRD/SRD 1.8D	86→	80	IN	V721	0948.59	38,5x8x112,4	45	1	VV186	0220.75	8x14,06x52	B
305 GLD/SRD 1.8D	86→	4			0948.94				VV186.1		+0,05	A
309 GLD/SRD 1.8D	86→			V721N1		+0,5S			VV186.2	0220.65	+0,22	
Boxer Combi 1.8D	95→			V721N3		+1,0S						
Eng. XUD7-161A												
1769 ccm	44kw(60PS)		EX	V722	0949.60	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
				V722N1		+0,5S			VV186.1		+0,05	A
206 1.9D	98→	82,2		V722N3		+1,0S			VV186.2	0220.65	+0,22	
306 L/LD/LX/LXD/Break 1.9D	98→	4										
Partner 1.9D	98→		EX	V710	0949.73	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
Expert, Ranch 1.9D	98→			V710N1		+0,5S			VV186.1		+0,05	A
Eng. DW8/B7-WJZ, WJY				V710N3		+1,0S			VV186.2	0220.65	+0,22	
1868 ccm	51kw(69PS)											
205 D 1.9D	86→	83										
305 GLD/SRD 1.9D	86→	4										
309 GLD/GRD/SRD/XAD												
XAD/XLD/XRD 1.9D	86→											
Eng. XUD9-162, D9A												

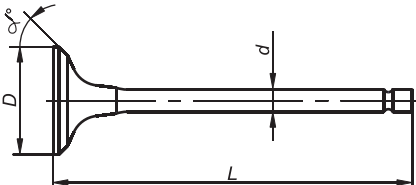
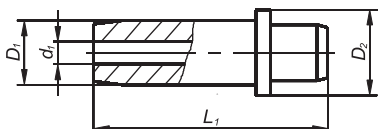
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT DIESEL												
309 SRD/GRD 1.9D 405 GLD/GRD 1.9D J5 1.9D J9 1.9D Talbot Express 250 1.9D Partner, Expert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

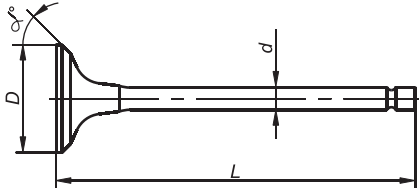
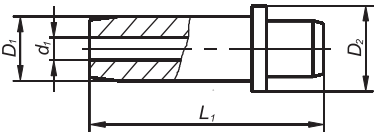
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT DIESEL											
206 2.0HDI	99→	85	IN	V1085	0948.95	35,6x6x107,1	45 3	VV378	0220.A2	6x10,06x41,5	G
306 2.0HDI	99-03	4						VV378.1		+0,05	A
307 2.0HDI	00→							VV266	0220.A1	6x12,07x42,5	G
406 2.0HDI	98→							VV266.1		+0,05	F
607 2.0HDI	00→							VV378	0220.A2	6x10,06x41,5	G
806 2.0HDI	99-02							VV378.1		+0,05	A
Expert 2.0HDI	99→		EX	V1086	0949.96	33,8x6x107,1	45 3	VV266	0220.A1	6x12,07x42,5	G
Boxer 2.0HDI	01→							VV266.1		+0,05	F
Partner 2.0HDI	99→										
Eng. DV10TD/ DW10ATED Turbo											
1997ccm	66-82kW(90-112PS)										
307 2.0HDI 16V	00→	75									
806 2.0HDI 16V	99-02	4									
807 2.0HDI 16V	02→										
Expert 2.0HDI 16V	99→										
Eng. DW10ATED4 Turbo											
1997ccm	80/82kW(109/112PS)										
307 2.0HDI 16V	00→	85	IN	V1313	0948.C0	29,9x6x106,2	45 3	VV378	0220.A2	6x10,06x41,5	G
406 2.0HDI 16V	01→	4						VV378.1		+0,05	A
806 2.0HDI 16V	01→							VV266	0220.A1	6x12,07x42,5	G
807 2.0HDI 16V	02→							VV266.1		+0,05	F
Expert 2.0HDI 16V	01→							VV378	0220.A2	6x10,06x41,5	G
Ranch 2.0i 16V	01→							VV378.1		+0,05	A
Eng. DW10ATED4, RHM, RHS			EX	V1314	0949.A9	25x6x106,1	45 3	VV266	0220.A1	6x12,07x42,5	G
Eng. RHZ, RHS, RHW, RHX, RHY								VV266.1		+0,05	F
1997ccm	80kW(109PS)										
407 2.2 HDI 16V	04→	85	IN	V1723	0948.E5	27,2x6x95,8	45 3	VV378	0220.A2	6x10,06x41,5	G
607 2.2 HDI 16V	00→	4						VV378.1		+0,05	A
Eng. DW12BTED4,4HT Biturbo								VV378	0220.A2	6x10,06x41,5	G
2179ccm	125kW(17PS)		EX	V1724	0949.E1	25x6x95	45 3	VV378.1		+0,05	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
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	0220.A1	6x12,07x42,5 +0,05	G F
308 2.0Hdi 16V 3008 2.0Hdi 16V 5008 2.0Hdi 16V RCZ 2.0Hdi 16V Eng. DW10CTED4-RHH 1997ccm NEW	10→	85 4	IN	V2051	0948.F6	27,25x6x104,5	45 3				
			EX	V1180	0949.A3	25x6x105	45 3				
Boxer 3.0Hdi 16V Eng. F1CE0481 2999ccm	06→	94,4 4	IN	V1697	504072531	32,4x6x119,9	60 3	VV335 VV335.1 VV335.2	500388426	6x10,04x49 +0,03 +0,23	G A
			EX	V1698	504081062	32,4x6x119,9	60 3	VV335 VV335.1 VV335.2	500388426	6x10,04x49 +0,03 +0,23	G A
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	V1121 V1121N1 V1121N3	0948.72	36,9x7x127,9 +0,5S +1,0S	45 3	VV246 VV246.1	0220.93	7x13,06x54 +0,20	B F
			EX	V1122 V1122N1 V1122N3	0949.79 0949.93	36,9x7x127,5 +0,5S +1,0S	45 3	VV246 VV246.1	0220.93	7x13,06x54 +0,20	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	V955	0948.84	41x7x115,7	45 3	VV291 VV291.1	0220.94	7x13,06x43,1 +0,05	B F
			EX	V956	0949.90	37,8x7x115,4	45 3	VV291 VV291.1	0220.94	7x13,06x43,1 +0,05	B F

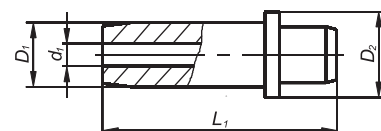
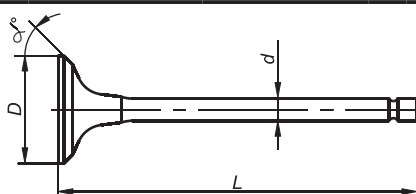
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
PEUGEOT DIESEL												
J5 2.5D Eng. U25.651/661 2499ccm 55kW(75PS)	82→	93 4	IN EX	V1623 V1624	0948.45 0949.46	42x8x121,4 35x9x121,4	45 45	3 3				
J5, J9 2.5TD Eng. CRD93 LS Turbo 2499ccm 70kW(95PS)	87→93											
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 EX	V785 V786	0948.37 0949.25	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
407 2.7 HDI 24V 607 2.7 HDI 24V Eng. DT17TED4 2720ccm 150kW(204PS)	04→ 00→	V6	IN EX	V1725 V1726	0948.E1 0949.C6	27,7x6x97,1 25,2x6x96,4	45 45	3 3				
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 EX	V793 V794	0948.53 0948.49 0949.50 0949.45	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
505 SRD 2.5TD 604 GTD 2.5TD Eng. XD3T Turbo 2498ccm 67kw(92PS)	84→ 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	
PEUGEOT DIESEL												
Boxer 2.8 TD-HDi 310, 330, 350 Sofim Eng. 8140. 43S 2798ccm 94/107kW(127/145PS)	01→	94,4 4	IN	V326	0948.A2	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	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	
Boxer 2.8 D Sofim 2798ccm 64/84kW(87/114PS)	01→	94,4 4	IN	V679	0948.96	43,5x8x122	60	1	VV57	4 749 395	8x13,03x56	G
				V679N3		+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	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	
PORSCHE												
Cayenne 4.5 Eng. M48.00 4511ccm NEW	02→	83 V8	IN	V2127	94810531101	37,1x6x109,2	45	3				
			EX	V2128	94810531200	32,5x6x109,5	45	3				
Cayenne 4.5 Eng. M48.50S Turbo 4511ccm NEW	04→	83 V8	IN	V2127	94810531101	37,1x6x109,2	45	3				
			EX	V2120	94810531253	32,5x6x109,5	45	3				
Cayenne 4.8 Eng. M48.01 4806ccm NEW	07→	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 NEW	07→	83	IN	V2129	94810532102	38,2x6x107,7	45	3			
		V8	EX	V2108	94810532252	33x6x108,2	45	3			
Cayenne 4.8 Eng. M48.02 4806ccm NEW	10→	83	IN	V2129	94810532102	38,2x6x107,7	45	3			
		V8	EX	V2130	94810532202	33x6x108,1	45	3			
Cayenne 4.8 Eng. M48.52 Turbo 4806ccm NEW	10→	83	IN	V2129	94810532102	38,2x6x107,7	45	3			
		V8	EX	V2108	94810532252	33x6x108,2	45	3			
Cayenne 3.2i V6 24V Eng. M02.2Y 3189ccm NEW	02→	84	IN	V1687	022 109 601H	33,2x6x136,3	45	3			
		V6	EX	V1688	022 109 611P	30,2x6x136,1	45	3			
PORSCHE DIESEL											
Tractor Standard T Eng. F 217 1374ccm 15kW(20PS)	60-63	90	IN	V1829	001330105	38x8x155,4	45	3			
		2	EX	V1830	001330205	34x8x155,4	45	3			
Tractor Standard Eng. F 208 1644ccm 18kW(25PS)	57-63										
Tractor AP18/Standard 1531ccm 13/16kW(18/22PS)	57-63	95									
		2									
Tractor Junior K/L/S Eng. F 108 822ccm 10kW(14PS)	57-63	1									
Super Eng. F 308 2467ccm 28kW(38PS)	57-63	3									
P144 Eng. F 408 3289ccm 37kW(50PS)	60-63	4									

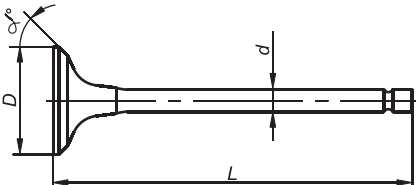
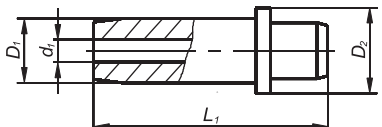
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
PORSCHÉ DIESEL											
Tractor Standard Star Eng. F 219 1750ccm	60-63	98	IN	V1829	001330105	38x8x155,4	45 3				
	22kW(30PS)	2	EX	V1830	001330205	34x8x155,4	45 3				
Super L Eng. F 319	60-63	3									
Super export Eng. F 329 2625ccm	60-63										
Master Eng. F 419 3500ccm	60-63	4									
RENAULT											
R4 L/TL/F4 0.8 Eng. B1A 782ccm	72→	55,8	IN	V230	7700 648 970	28,2x7x73	45 8	VV174	0710 938 900	7x11,14x34	G
		4	IN	V720	7701 458 152	28,2x7x73	45 1	VV174.1	7701 460 923	+0,05	A
	20kw(27PS)				7710 565 824			VV174.2		+0,10	
R5 L, R6L 0.9 Eng. B1B 845ccm	72→		EX	V233	7701 458 195	25x7x73,8	45 2	VV174	0710 938 900	7x11,14x34	G
R4 L/TL/F4 0.9 Eng. B1B 845ccm	72→				7700 555 263			VV174.1	7701 460 923	+0,05	A
R6L 0.9 Eng. B1B 845ccm	72→							VV174.2		+0,10	
R4 F/FS/FSA/TL 0.85 Eng. 813 852ccm	72→	61,4	IN	V581	7701 458 180	33,5x7x89,8	45 1	VV122	0710 939 000	7x11,14x41,5	G
		4			7701 458 186			VV122.1		+0,05	A
	21kw(29PS)							VV122.2	0710 941 000	+0,10	
R5 GTL/GTS/TL 1.0 Eng. 689/C1C 956ccm	72→	65						VV122.3	0710 941 100	+0,20	
Expres, Super 5 TC 1.0 Eng. 689/C1C 956ccm	85→	4	EX	V582	7701 460 690	29x7x88,9	45 2	VV122	0710 939 000	7x11,14x41,5	G
								VV122.1		+0,05	A
								VV122.2	0710 941 000	+0,10	
								VV122.3	0710 941 100	+0,20	
R4 1.1 Eng. 689/C1C 956ccm	76→	70									
R5 1.1 Eng. 689/C1C 956ccm	80-95	4									
Super 5 1.1 Eng. 689/C1C 956ccm	85→										
R6 1.1 Eng. 689/C1C 956ccm	76→										
R9 1.1 Eng. 689/C1C 956ccm	81-87										

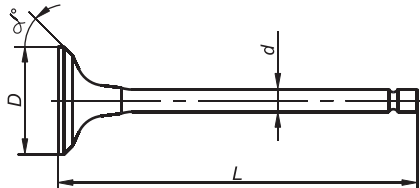
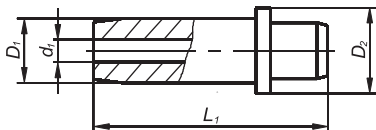
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT												
R11 1.1 Clio 1.1 Estafette, Express 1.1 Rapid 1.1 Rodeo 5 1.1 Eng. 688 / C1E 1108ccm 25-35kw(34-48PS)	83-86 91-98 79→ 85-91 71-80	70 4	IN	V581	7701 458 180 7701 458 186	33,5x7x89,8	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
R4 1.3 R5, R11 1.3 R12, R14 1.3 R15, 1.3 Rodeo 6 1.3 Eng. 810 1289ccm 29-47kw(40-64PS)	85-93 74→ 72→ 72→ 81→	73 4	EX	V582	7701 460 690	29x7x88,9	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
Twingo E2 1.2 Eng. C3G 1239ccm 40kw(55PS)	93→	74 4										
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	5,5x11,03x40,6 +0,05 +0,20	B A
			EX	V1166	7701 473 004	22x5,5x112,5	45	3	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,03x40,6 +0,05 +0,20	B A
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 NEW	07→ 07→ 07→ 07→	69 4	IN	V1165	7701 472 986	26x5,5x110,7	45	3	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,03x40,6 +0,05 +0,20	B A
			EX	V1166	7701 477 875	22x5,5x112,5	45	3	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,03x40,6 +0,05 +0,20	B A

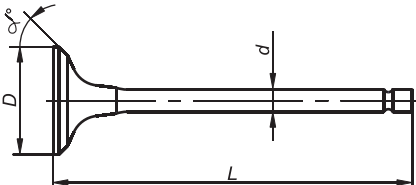
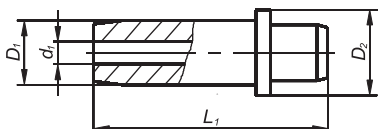


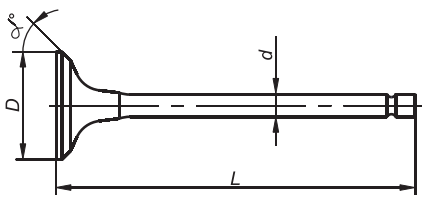
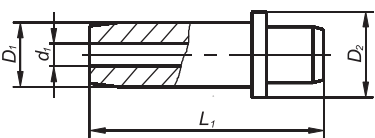
RENAULT

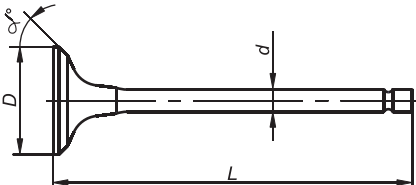
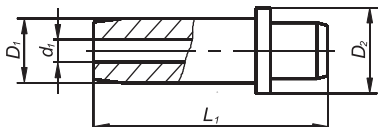
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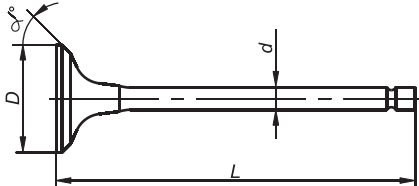
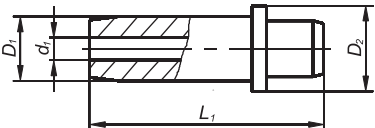
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
RENAULT											
R5 1.7 Super 5 1.7 Eng. F2N 1721ccm 55/66kW(75/90PS)	87→95 87→	81 4	IN 								

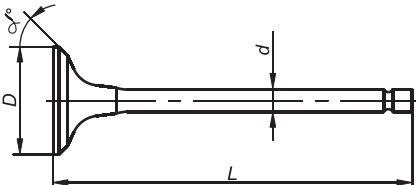
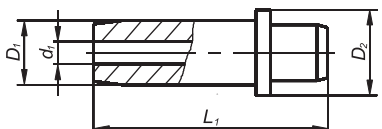
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT												
Expres RL/Furgon F40A 1.4 Eng. C3J 1397ccm 40/44kW(55/60PS)	86→ 4	75,8 4	IN EX	V673 V674	7701 465 088 7700 273 371 7701 465 090 7700 865 934 7701 468 419	37,6x7x107,8 33,6x7x107,8	60 45	1 1	VV203 VV203.1 VV204 VV204.1	 7x12,06x42 +0,05 7x12,06x49 +0,05	B F B F	
Clio 1.6 Kangoo 1.6 Megane 1.6 Megane, Scenic/Cabrio 1.6 Eng. K7M 1598ccm 55/66kW(75/90PS)	96→ 97→ 96-99 96-99	79,5 4										
R 18 GTL/TL/Break 1.4 Fuego 1.4 R5 1.4 R9 1.4 R11 1.4 R19/R21 1.4 Eng. 847.720, C1J,C2J 1397ccm 35/44/53/49kw	78→ 80-82 82→ 81→ 83→ 88→	76 4	IN EX	V858 V582	7701 460 699 7700 639 627 7701 460 690	34x7x91,2 29x7x88,9	60 45	1 2	VV122 VV122.1 VV122.2 VV122.3 VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100 0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20 7x11,14x41,5 +0,05 +0,10 +0,20	G A G A G A
Trafic T/P 1.4 Eng. 847-701 1397ccm 34kw(48PS)	78→	76 4	IN EX	V858 V582A	7701 460 699 7700 639 627 7701 461 802 7701 463 181	34x7x91,2 29x7x88,9	60 45	1 2	VV122 VV122.1 VV122.2 VV122.3 VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100 0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20 7x11,14x41,5 +0,05 +0,10 +0,20	G A G A
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 70kw(95PS)	00→ 01→ 00→ 04→ 98→	79,5 4	IN EX	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 VV249 VV249.1 VV249.2	7700 109 151 5,5x11,03x40,6 +0,05 +0,20 7700 109 151 5,5x11,03x40,6 +0,05 +0,20	B A B A	

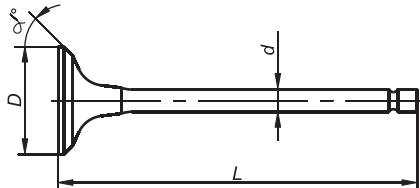
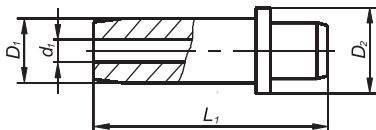
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
RENAULT											
Clio 1.6 16V Laguna 1.6 16V Kangoo 1.6 16V Megane Coupe /Cabriolet/ Cabrio 1.6 16V Megane 1.6 16V Modus 1.6 16V Scenic 1.6 16V Thalia 1.6 16V Eng. K4M 1598ccm	98→ 98→ 98→ 98→ 96→ 02→ 02→ 00→ 81kw(110PS)	79,5 4 									

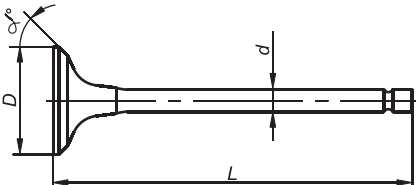
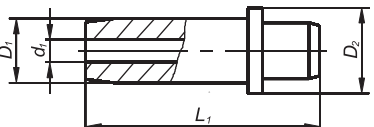
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
RENAULT											
R19 1.8 16V 88→ Eng. F7P 1763ccm 103kw(140PS)	82 4	IN	V1075	7701 465 172	30,7x7x107,5	45	1	VV250 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
R19 Cabriolet 1.8 16V 90→ Clio 1.8 16V 90→ Eng. F7P 1764ccm 99/103kw(135/140PS)											
Laguna Grandtour 1.8 94→ Laguna GPL 1.8i 98→ Eng. F3P 1783/1794ccm 66/69kw(90/94PS)	82,7 4	IN	V1157	7701 468 960 7700 112 413	40x8x115,6	45	1	VV284 VV284N		8x13,07x37,7 +0,05	B F
		EX	V1158	7701 468 961 7700 112 412	32,5x8x115,3	45	1	VV284 VV284N		8x13,07x37,7 +0,05	B F
Megane 2.0 95→ Espace 2.0 96→ Laguna 2.0 97→ Eng. F3R OHC 1998ccm 83kw(113PS)											
Clio 1.8/1.8 RSi 91-98 Laguna 1.8 93→ R19 1.8 91→ Eng. F3P 1783/1794ccm 66/69/79/81kw(90/94/107/110PS)	82,7 4	IN	V1155	7701 466 606	40,1x8x107,1	45	1	VV284 VV284N		8x13,07x37,7 +0,05	B F
		EX	V1156	7701 466 607	32,7x8x106,9	45	1	VV284 VV284N		8x13,07x37,7 +0,05	B F
Espace 2.0 96-00 Laguna 2.0 93→ Megane 2.0/2.0i 96→ Megane, Scenic/Cabrio 2.0 97→ Eng. F3R 1998ccm 83/84kw(113/114PS)											
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	7700 109 151	5,5x11,03x40,6 +0,05 +0,20	B A
		EX	V982	7701 473 101 7701 471 280	28,9x5,5x108,9	45	1	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,03x40,6 +0,05 +0,20	B A
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)											

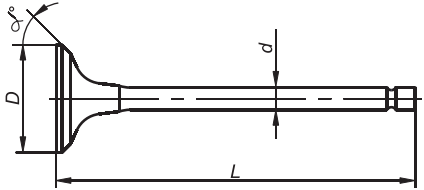
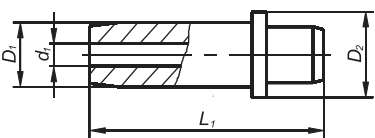
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT												
Clio Williams 2.0 16V Megane 2.0 Cabrio/Coupe 16V Megane 2.0 RT COACH 16V Sport Spider 2.0 16V Eng. F7R 1998ccm 108/110kw(148/150PS)	94-98 96-99 96-99 95→	82,7 4	IN EX	V1377 V1378	7701 468 861 7700 865 550 7701 468 862 7700 865 551	33x7x107,3 28,3x7x108,8	45 45	1 1	VV250 VV250.1 VV250 VV250.1	7700 743 519 7700 743 519	7x12,07x39,2 +0,05 7x12,07x39,2 +0,05	B F B F
Laguna 2.0 RXT 16V Eng. N7QD7 Safrane 2.0 RXE 16V Eng. N7QH7 1948 ccm 100/102kw(136/139PS)	98→ 98→	83 4	IN EX	V763 V764	7438 610 007 7438 610 008	31x7x104,1 27x7x103,3	45 45	3 3	VV324 VV324N VV324 VV324N	 	7x11,99x45 +0,05 7x11,99x45 +0,05	G F G F
Laguna 2.0i 16V Megane 2.0i 16V Eng. M4R 1997ccm	07→ 08→	84 4	IN EX	V1793 V1794	13201-EN201 13202-EN200	33,9x5,5x106,3 27,7x5,5x105,2	45 45	1 1	 	 	 	
Master 2.3 CDTi 16V Eng. M9T 2299 ccm	10→	85 4	IN EX	V1797 V1798	4420439 93168105 13201-2274R 7701476595 4431241 93161681	27,7x6x104 26,1x6x103,8	45 45	3 3	VV551 VV551	 	6x11,06x42,4 6x11,06x42,4	B F B F

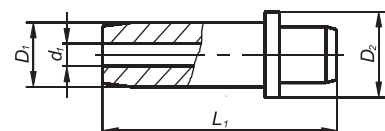
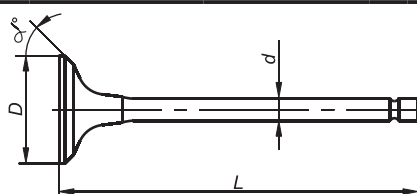
											
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
RENAULT											
R20 TL/LS/TS 1647ccm	77→	88 4	IN	V1943	77 00 635 409 77 00 644 710 77 00 709 794	43,9x8x112	60	1			
R18 GTX/TX/Break	81→				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 1995ccm	92→										
Espace GTX/TXE/ GTS/XE/TSE 2.0/2.2	83-91										
Quadra											
Trafic TB 12/22/32/42/52/62 2165ccm	89→										
R21 GTX/TXE/4x4 Eng. J7R/J7T	86→										
R25 GTX 2165ccm	83-91										
R30 TS/TX 2664ccm	75-78	6									
R25 Turbo 2458ccm	87→										
R25 2849ccm Eng. Z7V/Z7W (59/61/77/79/81/89/91/94/ 105/106/118kw)	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	
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				
R21 TXi 12V 2.0/2.1	91→	4	IN	V1037	7701 465 496	30,4x7x111,9	45	1				
Eng. J7R/J7T												
1995 ccm	99kw(135PS)		EX	V1036	7701 465 497	40,1x7x112	45	1				
2165 ccm	103kw(140PS)											
Trafic 2.1	89→											
Eng. J7T												
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. V4Y711			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 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											
R19 Chamade 1.9 D R21 Nevada 1.9 D Clio 1.9 D Expres 1.9 D Rapid 1.9 D R19 Chamade 1.9 TD R21 1.9 TD Megane 1.9 TD Megane, Scenic 1.9 TD Eng. F8Q/F8Q Turbo 1870ccm 47/66/68/70kw(64/90/92/95PS)	88-95 89→ 90→ 85→ 91-97 91-96 89→ 96→ 97-99	80 4	IN EX	V855 V855N3 V856 V856N3	7701 462 813 7701 466 716 7701 465 107 7701 462 814 7701 466 717	36,1x8x111,7 +1,0S 31,6x8x111,3 +1,0S	60 45 45	1 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 B F
Megan III 1.6 DCi Grand Scenic III 1.6 DCi Eng. R9M404 1598ccm NEW	11→ 11→	79,5 4	IN EX	V2103 V2104	132010370R 132024894R	23,5x6x104,2 23,4x6x104,1	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
Clio 1.9 D Clio II 1.9 D Kangoo, Megane 1.9 D Rapid 1.9 D R19 Chamade 1.9 D Expres 1.9 D Eng. F8Q 1870ccm 48kW(65PS) R19 Chamade 1.9 TD Megane 1.9 TD Eng. F8Q Turbo 1870ccm 66/69kW(90/94PS)	91-99 98→ 95→ 94-98 93→ 91-97	80 4	IN EX	V837 V856 V856N3	7701 468 035 7701 462 814	35,2x8x111,6 +1,0S	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
Kangoo 1.9 D Eng. F8Q-662 Clio 1.9 D Eng. F8Q-630 Megane 1.9 D Express 1.9 D Eng. F8Q-662/640 1870ccm 103kW(140PS)	97→	80 4	IN IN EX EX	V885 V1057 V886 V1058	7701 469 369 7701 468 190 7701 469 373 7701 468 193	35x8x110 35x8x110,5 31,3x8x109,8 31,5x8x110,5	45 45 45 45	1 1 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

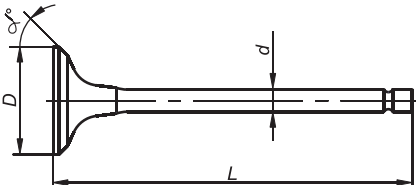
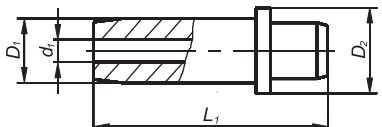
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
RENAULT DIESEL												
Laguna 1.9 TDI/DCI Megan 1.9 TDI/DCI Kongoo 1.9 TDI Clio/Espace 1.9TDI Scenic 1.9DCi/DTi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

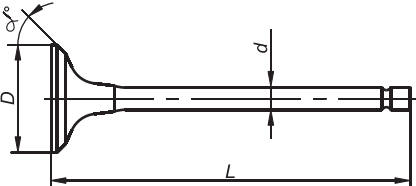
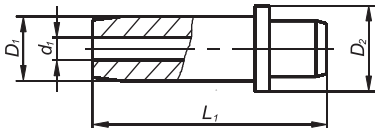
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
RENAULT DIESEL											
Laguna Grandtour 2.2 TD 12V 95→ Safran, Espace 2.2 TD 12V 97→ Eng. G8T Turbo 2188ccm 61/83/85kW(83/113/116PS)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

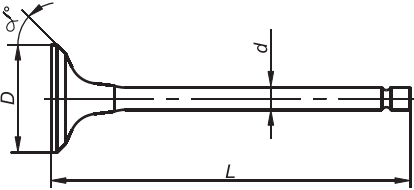
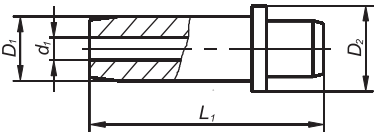


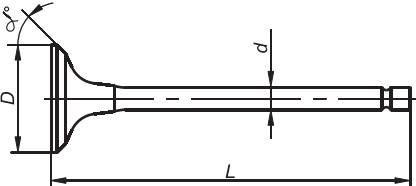
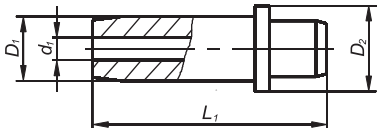
RENAULT DIESEL

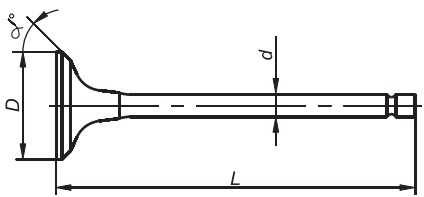
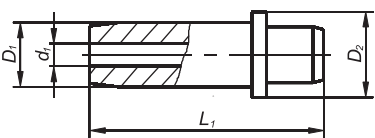
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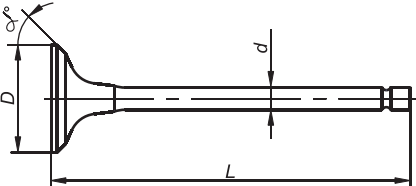
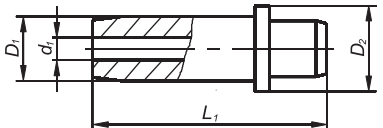
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
RENAULT DIESEL											
Master T28, T30, T35 2.4D 80→ Eng. 8140.61.2300/200 2445ccm 53kW(72PS)	93 4	IN	V326 V326N3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

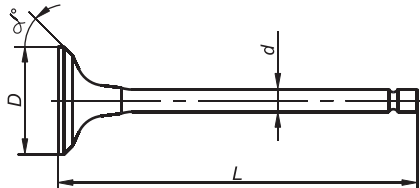
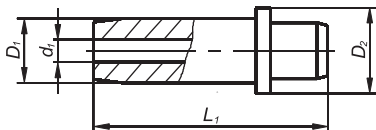
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
RENAULT DIESEL											
Eng. D 225-2 1700ccm	69-81 13/24kW(10/33PS)	95 2	IN	V687 V687N3		38x9x117 +1,0S	45 3	VV532	630503320034	9x15,05x58	G G
Eng. D 225-3 2550ccm	69-81 35/37kW(48/50PS)	3	EX	V688 V688N3		35x9x117 +1,0S	45 3	VV532	630503320034	9x15,05x58	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		10x16x86	G A
			IN	V2163	5000 676 255	45,8x10x140,2	60 1	VV569		10x16x86	G A
			EX	V2164	5000 676 257	39x10x140,2	45 1	VV560		10x16x67	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
			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						
		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 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 227-4 3768ccm	70-77 46/61kW(63/83PS)	100 4	IN	V337		41x9x117	45 3	VV548		9x15,05/16,5x58	G G
Eng. D 227-6 5654ccm	70→ 63/91kW(86/124PS)	6	EX	V338		38x9x117	45 3	VV548		9x15,05/16,5x58	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		10x16x86	G A
Eng. 798-13 12V 5490ccm	111-112kW(151-152PS)		IN	V2163	5000 676 255	45,8x10x140,2	60 1	VV569		10x16x86	G A
			EX	V2164	5000 676 257	39x10x140,2	45 1	VV560		10x16x67	G F

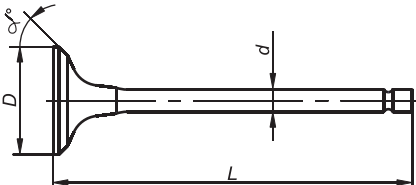
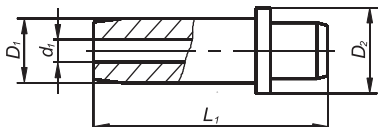
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
R.V.I.											
ENG. 8140.21 Turbo B90 2445ccm 68kW(92PS)	86→ 4	IN	V326	7701 463 603 7701 462 678	41x8x120,7	60	1	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						

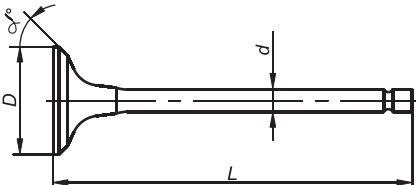
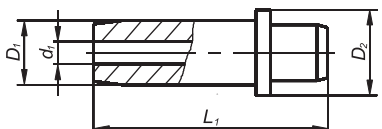
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
R.V.I.												
ENG. T4.40 4.0D S120 3990 mm 82/88kW(112/120PS)	90-92	100 4	IN EX	V1077 V1077N3 V1078 V1078N3	3142 L071 3142 A051	45x9,5x122,9 +1,0S 37,5x9,5x123,3 +1,0S	45 45	1 1	VV01 VV01N VV01N2 VV02 VV02N VV02N2	33261732 33261752	9,5x15,9x58 +0,05 +0,40 9,5x15,9x61 +0,05 +0,40	G F 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 EX IN EX	V1651 V1652 V2163 V2164	5000667762 5000676258	46,5x10x140,2 40,6x10x140,2 45,8x10x140,2 39x10x140,2	60 45 60 45	1 1 1 1	VV559 VV560 VV569 VV560	5000684383 5000684384	10x16,02x78 10x16,02x67 10x16,02x86 10x16,02x67	G F G F G A 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 89-93 83-90 90-93 90-93	102 6	IN EX	V2163 V2164		45,8x10x140,2 39x10x140,2	60 45	1 1	VV569 VV560		10x16,02x86 10x16,02x67	G A 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 83-90 89-93 90-93 84-93	102 6	IN EX	V2163 V2164		45,8x10x140,2 39x10x140,2	60 45	1 1	VV569 VV560		10x16,02x86 10x16,02x67	G A G F
Midlum 180.08/B Midlum 180.10/B Eng. MIDR 06.02.26 V/4 6177ccm 132kW(180PS)	00→ 00→	102 6	IN EX	V2163 V2164		45,8x10x140,2 39x10x140,2	60 45	1 1	VV569 VV560		10x16,02x86 10x16,02x67	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
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	5000684384	10x16,02x86 10x16,02x67	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				
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 9x17,05x78 +0,05 9x17,53x78 +0,05 G A G F G F
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 49x12x148,5	60 45	1 1	VV19 VV20	51 03201 0047 51 03201 0075	12x20,06x78 12x20,06x69 G F G F

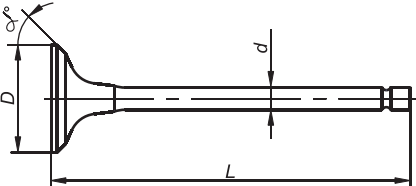
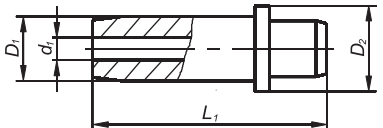
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
R.V.I.											
ENG. D2356 HM 6DK 74→ SM 260 HT/MT/V 10350ccm 173kW(250PS)	123 6	IN	V690	5000 046 569 51 04101 0349	56,9x12x148,9	45	1	VV19	51 03201 0047	12x20,06x78	G F
		EX	V406	5000 046 570 51 04101 0364	51,9x12x148,5	45	1	VV20	51 03201 0075	12x20,06x69	G F
Eng. DXi 11 370 Euro 4/5 05→ Eng. DXi 11 410 Euro 4/5 05→ Eng. DXi 11 450 Euro 4/5 05→ 10800ccm	123 6	IN	V1879		40x8x192	60	3	VV487 VV487N		8x15x83,4 +0,05	G F
		EX	V1880		38x8x192,7	60	3	VV487 VV487N		8x15x83,4 +0,05	G F
ENG.DCi 11C/E/G Euro 3 Kerax 320, 370, 420 24V 01→ Premium 320, 370, 420 24V 00→ Midlum 150 24V 00→ 11122ccm 112/229/266/303kW	123 6	IN	V1417	5010359501	42x8x185,5	60	1	VV328	50 1055 0145	8x14,03x80	G F
		EX	V1418	5010412164	38x8x185,5	45	1	VV328	50 1055 0145	8x14,03x80	G F
Magnum 00→ Euro Tech 400/400T Euro Tech 440/440T Euro Tech 480/480T	124 6	IN	V1729	5010284847	43x9,5x179,2	70	5	VV473	5010284732	9,5x17,49x80	G F
		EX	V1730	5010284848	39,9x9,5x177,5	60	5	VV473	5010284732	9,5x17,49x80	G F
ENG.MIDR 635.40/G/H/H2/L1/N3 91→ Turbo 12024ccm 275kW(374PS)	135 6	IN	V1353	5000 678 873	60x12x204,4	60	1				
		EX	V1354	5000 678 652	52x12x205,1	60	1				
ENG.MIDR 635.40 J1/J3 92→ 420 Ti Turbo 12024ccm 305kW(415PS)											
ROLLS-ROYCE											
Silver Seraph 5.4 98→ Eng. M73 B54 5379ccm 240kW(326PS)	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

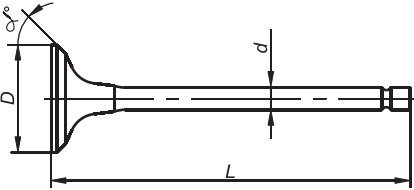
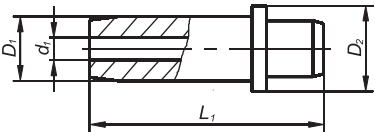
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ROMAN DIESEL												
Series 10.215 Eng. D 2156 HMN 8 10344ccm 159kW(216PS)	73-75 6	IN	V303		55,9x12x148,9	45	1	VV19		12x20,06x78	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 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	
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→	75 4	IN	V1329	LGH 10029	27,7x6x89,6	45	1	VV269 VV269N	WAM 1452	6x9,85x30 +0,05	G A
			EX	V1330	LGH 10028 LGH 100820	24,2x6x90	45	1	VV269 VV269N	WAM 1452	6x9,85x30 +0,05	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→	80 4	IN									
			EX									
25, 45, 75 1.8i 16V Freelander 1.8i 16V Eng. 18K4F 1796ccm 88kW(120PS)	01→		IN									
			EX									
216i 1.6i 16V 416i 1.6i 16V Eng. D16A8/A9 1590ccm 90/96kW(112/135PS)	90-96 90-98	75 4	IN	V1015	14711-PG6-000	30x6,6x105,5	45	1				
			EX	V1016	14712-PG6-000	27x6,6x104,6	45	1				

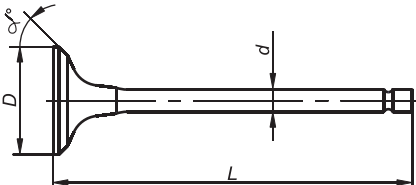
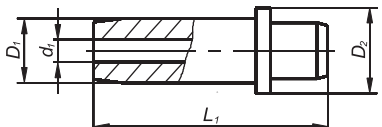
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ROVER											
100 Metro 1.1 111 SLi, GSi, SEi 1.1 200, 211 1.1 25 1.1 Eng. 11K2 A/B/C/D/F 1113ccm 44kW(59PS)	90→ 90→ 95→ 01→	75 4 EX	IN V1431 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→	75 4 EX	IN V1529 V1530	FDU 1485 14711-PM3-000 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 EX	IN V1705 V1706	1134 1 485 585 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 EX	IN V1503 V1504	LGH 101310 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

	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													
Rover 25 1.8i 16V	99→	80	IN	V1331	LGH 10064	31,5x6x89,6	45	1	VV415	LGJ 10034	6x9,89x30	G	
Rover 45 1.8i 16V	00→	4							VV415N		+0,05	A1	
Rover 75 1.8i 16V	99→												
Rover 200 Vi 1.8i 16V	99→								VV416	LGJ 10033	6x10,14x30	G	
Rover 218 1.8i 16V	00→								VV416N		+0,05	A12	
Rover 418 1.8i 16V	00→												
Eng. 18K4K (VVC) DOHC			EX	V1332	LGH 10065	27,5x6x90	45	1	VV415	LGJ 10034	6x9,89x30	G	
1796ccm	86kW(116PS)								VV415N		+0,05	A1	
Rover 45 2.0i 24V	99→	80							VV416	LGJ 10033	6x10,14x30	G	
Rover 75 2.0i 24V	99→	V6							VV416N		+0,05	A12	
Rover MG75 2.0i 24V	99→												
Eng. 20K4F													
1991ccm	110kW(150PS)												
Rover 825 2.5i 24V	99→												
Rover 75 2.5i 24V	99→												
Rover MG75 2.5i 24V	99→												
Freelander 2.5i 24V	01→												
Eng. 25K4F													
2497ccm	130kw(177PS)												
Defender 10 2.8i 24V	90-01	84	IN	V1131		32,9x6x106,1	45	3	VV202		6x12,56x43,5	B	
Eng. M52 B28 TU		6							VV202.1		+0,05	F	
2793ccm	142kW(193PS)								VV202.2		+0,10		
									VV202.3		+0,20		
Range Rover III 4.4i 32V	02→	92											
Eng. M62 B44 TU		8	EX	V1132		30,4x6x105,7	45	3	VV202		6x12,56x43,5	B	
4398ccm	210kW(286PS)								VV202.1		+0,05	F	
									VV202.2		+0,10		
									VV202.3		+0,20		
Discovery 2.0 Mpi 16V	93→	84,5	IN	V1655	LGH 101060	31,9x7,1x110,8	45	1	VV557	LGJ100540	7,14x12,10x46,8	G	
220 2.0 16V Turbo	91→	4			LGH 10020							A	
420VVC 2.0 16V Turbo	96→												
620Ti 2.0 16V Turbo			EX	V1656	LGH 101000	29,4x7,1x110,8	45	1	VV558	LGJ100550	7,14x12,10x51,2	G	
820 Si/SLi 2.0 16V Turbo	92-99											A	
Eng. 20T4H/T16.4													
1996ccm	100kW(136PS)												

	CYL. Ø 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												
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 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 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
ROVER DIESEL												
Mini One 1.4 TDi Eng. 1ND TV Toyota 1364ccm 55kW(75PS)	03→	71 4	IN EX	V1487 V1488	1134 7 791 054 1134 7 791 055	30,6x6x100 28x6x99,8	45 45	1 1	VV374 VV374	11122-30020 11122-30020	6x11,09x40,6 6x11,09x40,6	G P G P
Rover 114 1.4D Metro 1.4 CD/LD/SD Eng. TUD3, TUD3Y-SOHC 1361ccm 37/39kW(50/53PS)	92→ 92-95	75 4	IN EX	V809 V809N3 V810 V810N3	95 638 449 95 638 450	35,5x7x108,4 +1,0S 30,6x7x108,2 +1,0S	45 45	1 1	VV209 VV209.1 VV209.2 VV210 VV210.1 VV210.2	 7x13,07x40,2 +0,05 +0,20 7x13,07x42,8 +0,05 +0,20	B F B F	
Rover 115 1.5 SD/SLD Eng. TUD5, SOHC/OHC 1527ccm 37/43kW(50/58PS)	95→	77 4	IN EX	V1089 V1089N1 V1090 V1090N1	0948.74 0949.80	37x7x108,5 +0,5S 31,5x7x108,2 +0,5S	45 45	1 1	VV209 VV209.1 VV209.2 VV209 VV209.1 VV209.2	 7x13,07x40,2 +0,05 +0,20 7x13,07x40,2 +0,05 +0,20	B F B F	

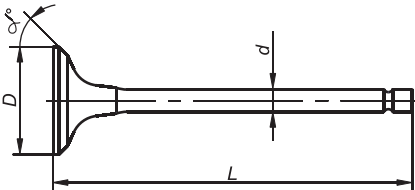
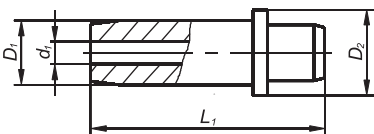
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ROVER DIESEL											
Land Rover Discovery 2.5DT Range Rover 2.5TD Eng. M51D25/D256TM-BMW 2497ccm 105kW(143PS)	94→	80	IN	V939	STC 2156	35,9x6x103,7	45 3	VV162	1112 1 244 464	6x12,56x39,5	B
	94→	6	EX	V940	STC 2149	30,9x6x103,5	45 3	VV162.1 VV162.2		+0,05 +0,10	F
Rover 218 1.8TD Rover 418 1.8TD Tourer 1.8TD Eng. XUD7 TE Turbo 1769ccm 65kW(88PS)	91-96	80	IN	V721A	LGH 10051	38,5x8x112,4	45 1	VV187		8x14,06x48	B
	91-96	4	EX	V721N1 V721N3		+0,5S +1,0S		VV187.1		+0,05	F
	96→		EX	V710 V710N1 V710N3	LGH 10052	33x8x111,9	45 1	VV187 VV187.1		8x14,06x48 +0,05	B F
			EX	V722 V722N1 V722N3	LGH 10054	33x8x111,9	45 1	VV187 VV187.1		8x14,06x48 +0,05	B F
Rover 218 1.9D/TD Rover 418 1.9D/TD Eng. XUD9 A 1905ccm 49/65kW(66/88PS)	91-96	83	IN	V721	LGH 10053	38,5x8x112,4	45 1	VV186	0220.75	8x14,06x52	B
	91-96	4	EX	V721N1 V721N3		+0,5S +1,0S		VV186.1 VV186.2	0220.65	+0,05 +0,20	A
			EX	V710 V710N1 V710N3	LGH 10052	33x8x111,9	45 1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,20	B A
			EX	V722 V722N1 V722N3	LGH 10054	33x8x111,9	45 1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,20	B A
Rover 75 2.0 CDTi 16V Eng. 204D2, M47R, BMW 1951ccm 85/96kW(115/131PS)	99→	84	IN	V994	LGH 101450	26x6x99,9	45 3	VV247		6x11,55x39	B
		4	EX	V994	LGH 101450	26x6x99,9	45 3	VV247.1		+0,05	A
Freelander 2.0 Td4 16V Eng. 204D3, M47D20 BMW 1951ccm 85kW(115PS)	01→							VV247 VV247.1		6x11,55x39 +0,05	B A
Freelander 2.2 Td4 16V 2179ccm 118kW(160PS)	06→										

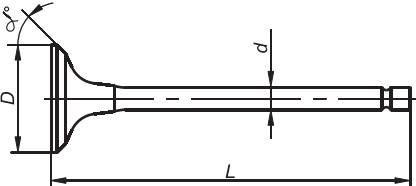
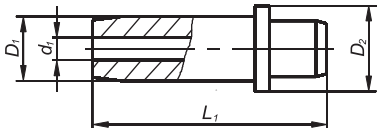
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ROVER DIESEL											
Range Rover 3.0 Td6 24V 02→ Eng. 306D1, M57D30 BMW 2926ccm 135/142kW(184/193PS)	84 6	IN	V994	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
Maestro Clubman DLX 2.0D 86-92 Maestro Van 500/700 Cyti 2.0D 86-92 Eng. Prima 65 1994ccm 46kW(63PS)	84,4 4	IN	V1489	LGH 10036 BDU 1399	37,2x7,4x93,8	45	1	VV366 VV366N	CAM5821	7,4x12,06x39 +0,05	G A1
		EX	V1490	LGH 10037 BDU 1400	33,6x7,4x93,8	45	1	VV366 VV366N	CAM5821	7,4x12,06x39 +0,05	G A1
Montego DL/DSL 2.0TD 88-92 80 TD 2.0 TD 87→ Eng. Prima 80T Turbo 1994ccm 60kW(82PS)	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
Rover 200 2.0 TDi 16V 95→ Rover 400 2.0 TDi 16V 95→ 1994ccm 77kW(105PS)	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
25, 45 2.0 TDi 16V 00→ Freelander 2.0 TDi 16V 98→ Rover 220 2.0 D/SDi 16V 96→ Rover 420 2.0 D/SD,Di, GSDi, SLDi 16V 95→ Rover 620 2.0 GSDi 16V 96→ Eng. 20T2 N/R Turbo 1994ccm 63/77kW(85/105PS)	84,5 4	IN	V1731	ERR 6611	34,7x7x105,3	60	3	VV474	ERR 7225	7x12,06x39	G A
		EX	V1732	ERR 6612	31,7x7x105,3	45	3	VV474	ERR 7225	7x12,06x39	G A
Defender 2.5TDi -td5 98→ 90/110/130 Discovery 2.5TDi -td5 99→ Eng. 10P, 15P 2495ccm 90kW(122PS)	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

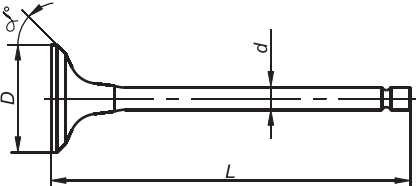
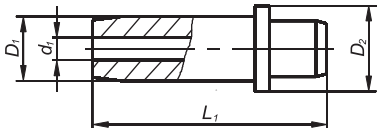
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ROVER DIESEL											
Defender 2.5TDi 90/110/130 Discovery 2.5TDi Range Rover 2.5TDi Eng. 12L-300TDi 2495ccm 83kW(113PS)	90-94 4 89-94 90-94	90,5 4 EX	IN V1647 V1648	ERR 1157 ERR 1156	39,5x8x116,5 36,5x8x116,5	60 45	3 3	VV438 VV438	ETC 8003 ETC 8003	8x14,07x49 8x14,07x49	G F G F
Range Rover 2.0TD Land Rover 2.0TD Santana 2.0TD 1986ccm 84kW(114PS)	86→ 86→ 86→	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 8x14,06x55 +0,03 +0,18	G A G F
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 8x14,06x55 +0,03 +0,18	G A G F
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→										
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

			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
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										
900 I 2.0i 16V 900 II 2.0i 16V 900 III 2.0i 16V Eng. B 204 I 1985ccm 96kW(131PS)	88-93 94-98 93-98										

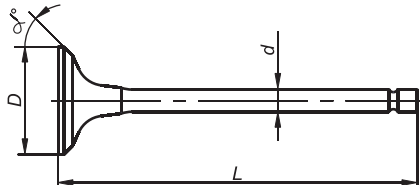
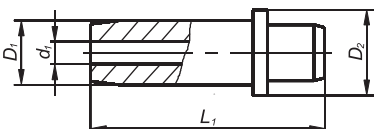
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SAAB											
9.3 2.0i Turbo 16V	98-00	90	IN	V1947	9165580	33x7x107,8	45 3	VV503	7560154	7x12,05x49,2	G
900 II 2.0i Turbo 16V	93-98	4						VV503N		+0,05	F
9000 2.0i Turbo 16V	93-98							VV561	9185612	7x12,05x43	G
Eng. B 204 L											F
1985ccm	136kW(185PS)										
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	7x12,05x43	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)										
SAAB DIESEL											
9 - 3 1.9TiD	04→	82	IN	V1033	641 083	35,5x8x115	45 3	VV260	7 565 472	8x14,04x43	G
Eng. Z19DT		4						VV260.1	46 433 782	+0,03	F
1910ccm	88kW(120PS)							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	04→	82	IN	V1415	641 074	27,8x6x114,4	45 3	VV459		6x11,04x47	G
9 - 5 1.9 TDi 16V	06→	4						VV459.1	93178836	+0,03	F
Eng. Z19DT/DTH								VV459.2	93178838	+0,23	
1910ccm	110kW(150PS)							VV459		6x11,04x47	G
			EX	V1416	641 386	25,8x6x114,4	45 3	VV459.1	93178836	+0,03	F
								VV459.2	93178838	+0,23	

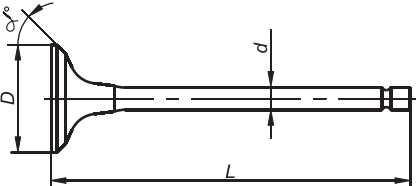
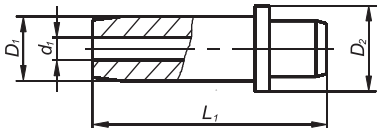
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SAAB DIESEL												
9 – 3 2.2 TDi 16V 9 – 5 2.2 TDi 16V Eng. X22 DTH/D223L 2171ccm	98→ 02→ 85kW(116PS)	84	IN	V953	4772380	29x6x97,1	45	3	VV163 VV163.1	4770269	6x10,04x45 +0,03	G F
		4	EX	V954	4772414	26x6x97,1	45	3	VV163 VV163.1	4770269	6x10,04x45 +0,03	G F
9 – 5 3.0TD V6 24V Eng. Y30DT 2958ccm	01→	87,5	IN	V1779		27,5x6x98,5	45	1	VV482	642 060	6x11,05x42	G P
			EX	V1780		26,5x6x98,1	45	1	VV482	642 060	6x11,05x42	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
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)	130 6	IN	V1285	463 0051 150	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
ENG.D2K Type D250 12500ccm	172kw(233PS)	133 6	IN	V1287	463 0051 160	43,9x10x166,9	45	1	VV293		10x17,03x77,5	G A
			EX	V1288	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				

	CYL. Ø 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											
Eng. 712-01-03 8V 3320ccm 56kW(73PS)	98 4	IN	V2165	5000 044 429	46x10x140	45	1	VV569		10x16x86	G A
		IN	V2163		45,8x10x140,2	60	1	VV569		10x16x86	G A
		EX	V2164		39x10x140,2	45	1	VV560		10x16x67	G F
Eng. 720-12 8V 3595ccm 65kW(85PS)	102 4	IN	V2165	5000 044 429	46x10x140	45	1	VV569		10x16x86	G A
		IN	V2163		45,8x10x140,2	60	1	VV569		10x16x86	G A
		EX	V2164		39x10x140,2	45	1	VV560		10x16x67	G F
Eng. 720 8V Eng. 720-01/02/08 8V 3596ccm 66/74kW(89/100PS)	102 4	IN	V2163		45,8x10x140,2	60	1	VV569		10x16x86	G A
		EX	V2164		39x10x140,2	45	1	VV560		10x16x67	G F
Eng. 797 12V 5489ccm 98-110kW(133-150PS)	102 6	IN	V2165	5000 044 429	46x10x140	45	1	VV569		10x16x86	G A
		IN	V2163		45,8x10x140,2	60	1	VV569		10x16x86	G A
		EX	V2164		39x10x140,2	45	1	VV560		10x16x67	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)											

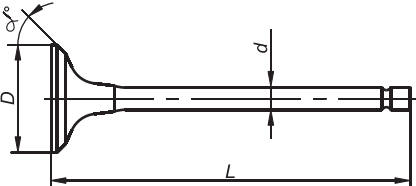
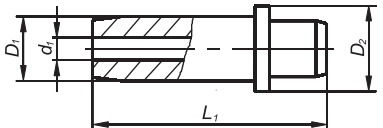
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SAVIEM											
Eng. 798-10 12V 5490ccm 111kW(151PS)	102 6	IN	V2163		45,8x10x140,2	60	1	VV569		10x16x86	G A
		EX	V2164		39x10x140,2	45	1	VV560		10x16x67	G F
SM 10 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 Eng. 2156 HMN 6 Eng. 2156 HM 6 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 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
SM 260 MT Eng. D 2356 HM 6 DK Eng. D 2356 HMN 5 10690ccm 173kW(235PS)	123 6	IN	V405		58x12x148,9	45	1	VV19		12x20,06x78	G F
		EX	V406		51,9x12x148,5	45	1	VV20		12x20,06x69	G F

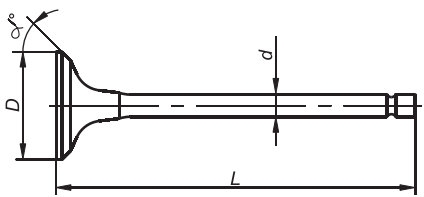
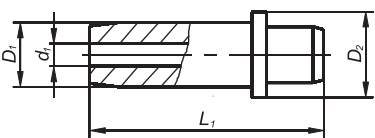
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SAVIEM												
15 168 Eng. D 2555 M 9199ccm 124kW(168PS)	73-77	125 6	IN	V461		57x12x142,5	45	1	VV23 VV23N VV23.1 VV23.2	12x18,04x64 +0,05 +0,20 +0,40	G F	
			IN	V455 V455N1 V455N3		58x12x142,5 +0,5S +1,0S	60	1	VV23 VV23N VV23.1 VV23.2	12x18,04x64 +0,05 +0,20 +0,40	G F	
			IN	V691		58x12x142,5	45	1	VV23 VV23N VV23.1 VV23.2	12x18,04x64 +0,05 +0,20 +0,40	G F	
			EX	V456 V456N1 V456N3		51x12x142,5 +0,5S +1,0S	45	1	VV23 VV23N VV23.1 VV23.2	12x18,04x64 +0,05 +0,20 +0,40	G F	
SCANIA												
ENG. D8 7790ccm ENG. DN8 7790ccm ENG. DS8 Turbo 7790ccm ENG. DS18 Turbo 7790ccm ENG. 830 12470ccm	75-80 116kw(157PS) 75-86 120kw(163PS) →86 120/140/148kw 81-86 170kw(231PS) 54→	115 6	IN	V1427	215715	50x11x169	60	11	VV333	207 991	11x18,02x86	G A
			EX	V1428	243648	42x11x169	45	1	VV66	223 632 300 958	11x18,02x73	G A
		115 8										
ENG. DS9 Turbo P/R/K/G 92 P/R/K/G 93 8471ccm ENG DSC9 Turbo P/R/T/G 92 P/R/T/G 93 Turbo Intrercooled 8471ccm	85→ 87→ 150/185kW(204/252PS) 85→ 85→ 207kW(282PS)	115 6	IN	V1615	391608 1319081	51x11x162,5	70	1	VV65	180 197 300 957	11x18,02x80	G A
			EX	V1616	366256	44x11x162,5	45	1	VV66	223 632 300 958	11x18,02x73	G A

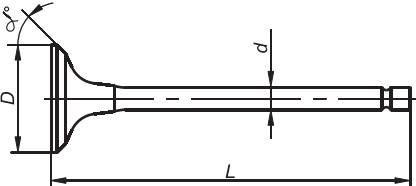
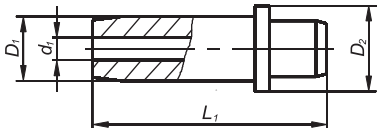
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SCANIA												
ENG. DN11 ENG. DS11 No. 5220094→ 11015ccm 149/202/245 KW(203/275/333PS)	87→ 77-81	127 6	IN EX	V595 V596	294674 1360836 232018 1360834	54x11x162,5 45x11x162,5	70 45	1 1	VV65 VV66	180 197 300 957 223 632 300 958	11x18,02x80 11x18,02x73	G A G A
ENG. DS11 Turbo 11015 ccm 202/245kW(275/333PS)	81→	127 6	IN	V595A	324675 1361191	54x11x162,5	70	1	VV65	180 197 300 957	11x18,02x80	G A
ENG. DS14 Turbo With valve Rotator 14181 ccm 276/285/291kW (203/388/396PS)	81→	127 V-8	EX	V596	232018 1360834	45x11x162,5	45	1	VV66	223 632 300 958	11x18,02x73	G A
124 – DSC12,DS12 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)	01→	127 6	IN EX	V1365 V1366	1333230 1445830	44x10x171,5 41x10x171,5	70 45	1 1	VV307 VV307	1403823 1403823	10x16,02x73 10x16,02x73	G F G F
Eng. DC 9 11, 12, 13 Euro 3 20V 8870ccm 169/228kw(230/310PS) Eng. DC 9 16, 17, 18 Euro 4 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. DC9 Euro 5 22/35/36 ENG. DC9 Filter 29/30/32 9300ccm 169-235kw(230-320PS) ENG. DC12 F6 14700ccm ENG. DD13 Euro 5 05/06/07/10 12700ccm 205-353kw(300-480PS) NEW	06→ 06→ 07→ 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

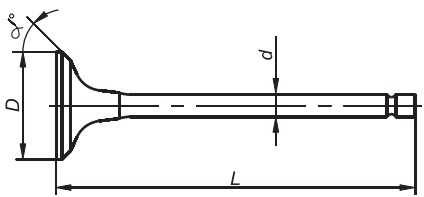
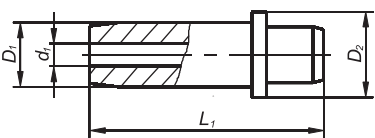
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Marbella LS/GLS/GLX 0.9 82→ Fura L/GL 0.9 84→ Ibiza Junior 0.9 86→ Terra 0.9 87-95 Eng. Fiat 100 GL 3.C.O Eng. Fiat 146A 000 903 ccm 33kW(44PS)	65 4	IN	V257	HB 012301 4 265 695	29x7x95,3	45	1	VV70 4 265 699 VV70.1 4 372 331 VV70.2 4 372 332 VV70.3 4 265 700 VV70.4 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	G F
Marbella LS/GLS 0.9 84→ Eng. 100 GL. 6.000 845 ccm 25kW(34PS)	67,1 4	EX	V258	HB 012302 4 377 979	26x7x95,7	45	1	VV70 4 265 699 VV70.1 4 372 331 VV70.2 4 372 332 VV70.3 4 265 700 VV70.4 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	G F
Fura 1.0 85→ Eng. A112 B1.054 965ccm 35kW(48PS)	67,1 4										
Arosa 1.0 97→ Cordoba 1.0 97→ Ibiza 1.0 97→ Eng. AER Arosa 1.0i 98→ Eng. ALL 999 ccm 37kW(50PS)	67,1 4	IN	V851	030 109 601AG	31x7x94,7	45	3	VV217 032 103 419A VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G
		EX	V852	030 109 611N	26x7x94,4	45	3	VV217 032 103 419A VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G
Arosa 1.0 98→ Eng. AHT 999 ccm 37kW(50PS)	67,1 4	IN	V703	047 109 601D	34x7x101,4	45	3	VV217 032 103 419A VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G
		EX	V704	047 109 611D	30,1x7x101,4	45	3	VV217 032 103 419A VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G
Arosa 1.0 01→ Eng. ALD, ANV Eng. AUC 00→ Cordoba 1.0 99-02 Ibiza 1.0 99-02 Eng. AUC 999ccm 37kW(50PS)	67,1 4	IN	V1439	030 109 601AK	31x6x99	45	3	VV181 058 103 415 VV181.1	058 103 415	6x11,07x36 +0,05	B F
		EX	V1440	030 109 611S	26x6x99	45	3	VV181 058 103 415 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Altea 1.2 TSI 10→ Leon 1.2 TSI 10→ Ibiza 1.2 TSI 10→ Eng. CBZB 1197ccm NEW	71 4	IN	V1957	03F 109 601A	35,4x6x98,7	45	3				
		EX	V1958	03F 109 611B 03F 109 611C	30x6x98,4	45	3				

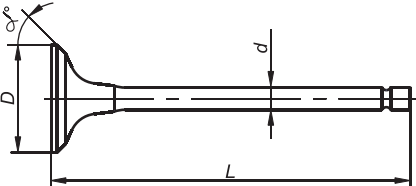
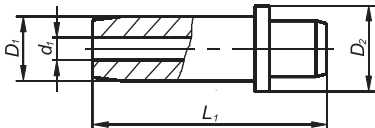
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Ibiza 1.2 12V Eng. AWY 1197ccm 40kW(54PS)	02→	73 4	IN	V1265	032 109 601L	34,5x6x99,2	45 3	VV181 VV181.1	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
Mii 1.0 Eng. CHYA, CHYB 999ccm NEW	11→	74,5 3	IN	V2135	04E 109 601	29,5x5x110,3	45 3				
			EX	V2136	04E 109 611L	26,9x5x110,3	45 3				
Ibiza 1.0i Eng. AAU, AEV 1043ccm 33kW(45PS)	93→	75 4	IN	V847	030 109 601N/M	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
Ibiza 1.0 Eng. AAU 1043ccm 33kW(45PS)	93→	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
			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 1.4 Cordoba 1.4 Eng. ABD, AEX, AKV, APQ 1391ccm 44kW(60PS)	93→99		IN								
			EX								
Ibiza 1.0 Eng. AAU Monomotronic 1043ccm 33kW(45PS)	95→96	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
			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 1.3 Eng. AAV Monomotronic →Nº 80 NW 500600 1272ccm 40kW(54PS)	93→94		IN								
			EX								
Cordoba CLX, GLX 1.4i.e. Ibiza 1.4i.e. Eng. ABD Monomotronic →Nº 1HNW 990000 1391ccm 40/44kW(55/60PS)	94→96		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
SEAT											
Ibiza 1.3 Eng. AAV Nº 80-PW 000001→ 1272ccm 40kw(55PS)	93-99	75 4	IN	V1067	030 109 601G	34x7x99	45 3	VV150 VV150.1	030 103 419A	7x12/11,07x36,5 +0,15	B G
			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		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 EX	V1039 V1040	3940 3030 3940 3040	32x7x103 28x7x103	45 3 45 3				
Cordoba 1.2i 12V Ibiza 1.2i 12V Eng. AZQ, BME 1198ccm 47kw(64PS)	02→ 02→	76,5 3	IN	V957	036 109 601S 036 109 601AD	29,5x6x100,9	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	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→	76,5 4	EX	V958	036 109 611K	26x6x100,5	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	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→										

	CYL. Ø 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											
Inca 1.4 Ibiza 1.4 Cordoba 1.4 Arosa 1.4 Eng. AKK, ANW, AUD 1391ccm	00-03 99-02 98→ 97→ 44kw(60PS)	76,5 4	IN EX	V1109 V1110	030 109 601AL 030 109 611T	33,5x6x99,2 28x6x99,2	45 3 45 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	96→ 96→ 74kw(100PS)	76,5 4	IN EX	V1107 V1108	036 109 601P 036 109 611L	29,5x6x97,9 26x6x97,3	45 3 45 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	95→ 96→ 98→ 44kw(60PS)	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 419A	7x12/11,07x33 +0,15 7x12/11,07x33 +0,15	B G B G
Ibiza, Cordoba 1.6i Inca 1.6i Toledo 1.6i Ibiza 1.6i Eng. ALM, AEE OHC 1598ccm	97→ 97→ 93→ 95→ 55kw(75PS)	81 4									
Arosa 1.6 Cordoba 1.6 Ibiza 1.6 Eng. AEK 1598ccm	98→ 98→ 98→ 74kw(101PS)	81 4									
Ibiza, Cordoba 1.6 Eng. ABU, AEE 1598 ccm	93→ 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	032 103 419A 032 103 419A 032 103 419A	7x12/11,07x33 +0,15 7x12/11,07x33 +0,15	B G B G
Altea 1.4 FSI 16V Cordoba 1.4 FSI 16V Ibiza 1.4i 16V Eng. BXW 1390ccm	06→ 06→ 06→ 1390ccm	76,5 4	IN EX	V957 V958	036 109 601AD 036 109 611K	29,5x6x100,9 26x6x100,5	45 3 45 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

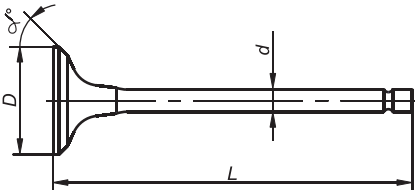
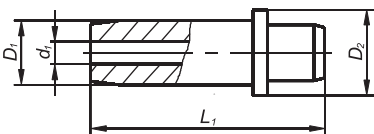
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Cordoba, Ibiza 1.6 Leon, Toledo 1.6 Arosa 1.6 Eng. AKL/AEH/AFT 1595ccm	98→ 98→ 98→	81 4	IN 	V869 	078 109 601B	39,5x7x91,9	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Toledo 2.0i Ibiza 2.0i Alhambra, Cordoba 2.0 i Eng. ADY/AGG Alhambra 2.0i Eng. ATM 1984ccm	74kw(100PS) 93→ 95→ 95→ 00→	82,5 4	EX 	V870 	048 109 611B 078 109 611C	32,9x7x91,2	45 3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Altea 1.6 Leon 1.6 Toledo 1.6 Teng, BGU, BSE, BSF 1595ccm	04→ 05→ 04→	81 4	IN 	V1379 	06B 109 601D 06B 109 601B	39,4x6x93,8	45 3	VV393 VV393.1		6x12,07x36,4 +0,05	B F
			EX	V1380	06B 109 611C 06B 109 611B	32,9x6x93,8	45 3	VV393 VV393.1		6x12,07x36,4 +0,05	B F
Toledo 1.6 Eng. EZ, ABN 1595ccm	91-99 55kW(75PS)	81 4	IN 	V754 	035 109 601H 035 109 601G	38x8x91	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	V702	026 109 611A 048 109 611A	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

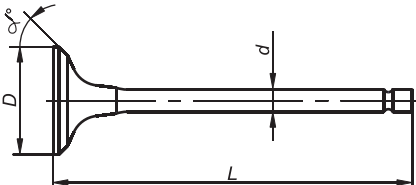
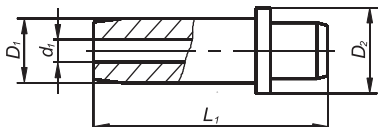
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Cordoba 1.6 94→	81	IN	V796	035 109 601K	38x8x91,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Ibiza 1.6 93→	4			035 109 601J				VV76.1		+0,05	G
Toledo 1.6 92→								VV76.2		+0,15	
Inca 1.6 95→								VV76.3		+0,25	
Eng. ABN-1F											
1595ccm 55kw(75PS)		EX	V702B	053 109 611	33,2x8x91	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
								VV76.1		+0,05	G
Toledo GL/GLX 1.8 91-93								VV76.2		+0,15	
Eng. AAM/RP								VV76.3		+0,25	
1781ccm 66kw(90PS)											
Cordoba GL/GLX 1.8i.e. 93→											
Toledo GL/GLX 1.8i.e. 93→											
Ibiza 1.8i.e. 93→											
Eng. ABS, ACC, ADZ											
1781ccm 66kw(90PS)											
Toledo GT 1.8i 16V 91→	81	IN	V779	027 109 601C	32x7x95,5	45	1	VV149	027 103 419	7x13/12,07x38	B
Eng. KR, PL	4							VV149.1	027 103 423	+0,05	G
1781ccm 95/98kw(129/133PS)		EX	V780	027 109 611D	28x7x98,2	45	1	VV149	027 103 419	7x13/12,07x38	B
								VV149.1	027 103 423	+0,05	G
Toledo GL, GLX 1.8i.e. 94→	81	IN	V1293	048 109 601E	38x7x91,8	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
Eng. AAM Monomotronic	4							VV151N		+0,05	G
No 408198/001109→								VV151.1		+0,15	
1781ccm 55kw(75PS)		EX	V870	048 109 611B	32,9x7x91,2	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
								VV151N		+0,05	G
								VV151.1		+0,15	
Ibiza 1.8 94→	81	IN	V1293	048 109 601E	38x7x91,8	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
Cordoba 1.8 95→	4							VV151N		+0,05	G
Toledo 1.8 94-97								VV151.1		+0,15	
Eng. ADZ											
No 408198/001109→		EX	V870	048 109 611B	32,9x7x91,2	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
1781ccm 55/60kw(75/90PS)								VV151N		+0,05	G
								VV151.1		+0,15	

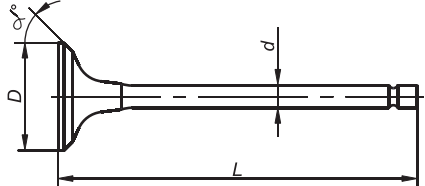
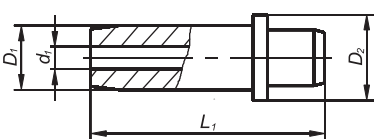
											
			AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Ibiza, Cordoba 1.8 16V Eng. ADL 1780ccm	94→ 95kw(130PS)	81 4	IN	V889	051 109 601B	32x7x95,5	45 3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
								VV151N			
								VV151.1			
Cordoba 2.0i 16V Ibiza, Toledo 2.0i 16V Alhambra 2.0i 16V Eng. ABF 1984ccm	94→ 94→ 96→ 110kw(150PS)	82,5 4	EX	V890	051 109 611B	27x7x98	45 3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
								VV151N			
								VV151.1			
Leon 18i 20V Toledo 18i 20V Eng. AGN, APG Leon 1.8i 20V Cupra R Eng. AMK Leon, 18i 20V Turbo Eng. APP 1781ccm	99→ 98-04 02→ 99→ 92/132/154kW	81 4	IN	V839*	058 109 601C * Retainer s.e. 5 mm	26,9x6x105,1	45 3	VV181	058 103 415	6x11,07x36 +0,05	B F
				V839.1				VV181.1			
			EX	V840*	058 109 611M * Retainer s.e. 3,4 mm	29,9x6x103,9	45 3	VV181	058 103 415	6x11,07x36 +0,05	B F
				V840.1				VV181.1			
Alhambra 18i 20V Turbo Eng. AJH, AWC Leon 18i 20V Turbo Toledo 18i 20V Turbo Eng. AJQ, AUQ, AQX, BAM Cordoba 18i 20V Turbo Ibiza 18i 20V Turbo Eng. AQH, ARY 1781ccm	98→ 99→ 98→ 99→ 00→ 110/115/132/165kW	81 4	IN	V839*	058 109 601C * Retainer s.e. 5 mm	26,9x6x105,1	45 3	VV181	058 103 415	6x11,07x36 +0,05	B F
				V839.1				VV181.1			
			EX	V1634*	058 109 611E * Retainer s.e. 5 mm	29,9x6x103,9	45 3	VV181	058 103 415	6x11,07x36 +0,05	B F
				V1634.1				VV181.1			
				V1634.2				VV181.2			
Leon 2.3 VR5 Toledo 2.3 VR5 Eng. AGZ 2324ccm	98→ 98→ 110kw(150PS)	81 V5	IN	V929	021 109 601L	39x7x106	45 3	VV149	027 103 419	7x13/12,07x38 +0,05	B G
				V929.1				VV149.1			
			EX	V930	021 109 611F	34,2x7x107	45 3	VV149	027 103 419	7x13/12,07x38 +0,05	B G
				V930.1				VV149.1			

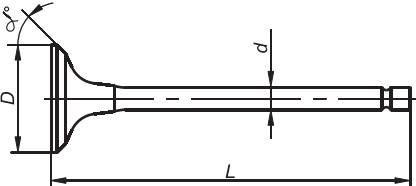
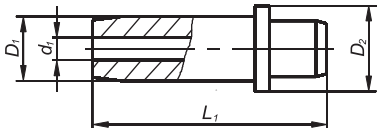
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Leon VR5 2.3 20V Toledo VR5 2.3 20V Eng. AQN 2324ccm	01→ 01→ 125kw(170PS)	81	IN	V1217	022 109 601E	31x6x102,1	45 3	VV512 VV512N		6x10,04x44 +0,05	B F
		5									
			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	00→02 01→ 02→	81	IN	V1217	022 109 601E	31x6x102,1	45 3	VV512 VV512N		6x10,04x44 +0,05	B F
		6									
			EX	V1218	022 109 611C	27x6x136,4	45 3	VV513 VV513N		6x10,04x65 +0,05	B F
		81	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
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	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
		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
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	IN	V1605	06D 109 601K	33,8x6x104	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
		4									
			EX	V1606	06D 109 601K/L	28x6x101,9	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Altea 1.8 TFSi	07→	82,5	IN	V2027	06D 109 601M	33,8x6x104	45 3	VV181	058 103 415	6x11,07x36	B
Leon 1.8 TFSi	07→	4						VV181.1		+0,05	F
Toledo 1.8 TFSi	07→										
Alhambra 1.8 TFSi	07→		EX	V1606	06D 109 611L	28x6x101,9	45 3	VV181	058 103 415	6x11,07x36	B
Eng. CDAA								VV181.1		+0,05	F
1798ccm											
Ibiza GLX/GL/SX 1.5/1.5i	84→	83	IN	V1045	3940 2830	34x7x103	45 3				
Malaga GLX 1.5/1.5i	85→	4									
Ronda GLX/SX 1.5/1.5i	84→		EX	V1046	3940 2840	30x7x103	45 3				
Sistem Porsche											
1461ccm											
63kw(85PS)											
SEAT DIESEL											
Terra 1.3 D	89-94	75	IN	V719	030 109 601	34x8x99,1	45 3	VV76	056 103 419A	8x13/12,06x36,5	B
Eng. MN		4						VV76.1		+0,05	G
1272ccm								VV76.2		+0,15	
33kw(45PS)								VV76.3		+0,25	
Terra 1.4 D	90-95										
Eng. 1W→ N° 80NW 500000			EX	V646	030 109 611A	28,9x8x99,1	45 3	VV76	056 103 419A	8x13/12,06x36,5	B
1398ccm								VV76.1		+0,05	G
35kw(47PS)								VV76.2		+0,15	
								VV76.3		+0,25	
Terra 1.4 D	90-95	75	IN	V1067	030 109 601J	34x7x99	45 3	VV150	030 103 419A	7x12/11,07x36,5	B
From chassis n.80-NW-500001		4						VV150.1		+0,15	G
Eng. 1W											
1398ccm			EX	V848	030 109 611D	28,9x7x99,1	45 3	VV150	030 103 419A	7x12/11,07x36,5	B
								VV150.1		+0,15	G
Arosa 1.2 TDi	00→	76,5	IN	V919	038 109 601B	36x7x90	45 3	VV151	037 103 419B	7x13/12,07x36,5	B
Eng. ANY		3		V919N1		+0,5S		VV151N		+0,05	G
1191ccm				V919N3		+1,0S		VV151.1		+0,15	
45kW(61PS)											
			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	
Ibiza 1.2 TDi	10→	79,5	IN	V2029	03L 109 601A	26,55x6x99,25	45 3				
Eng. CFWA		3									
1199ccm			EX	V2030	03L 109 611A	24,45x6x99,1	45 3				
NEW											

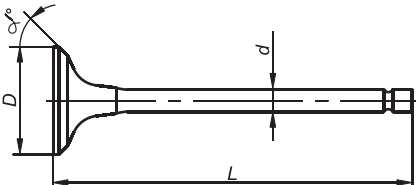
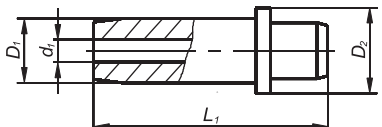
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SEAT DIESEL												
Arosa 1.4 TDi Ibiza 1.4 TDi Cordoba 1.4 TDi Eng. AMF 1422ccm	00→ 02→ 02→	79,5 3	IN EX	V919 V919N1 V919N3 V920 V920N1 V920N3	038 109 601B 038 109 611B	36x7x90 +0,5S +1,0S 31,5x7x90 +0,5S +1,0S	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
Altea 1.6 TDi Ibiza 1.6 TDi Leon 1.6 TDi Eng. CAYC, CAYB, CLNA 1598ccm NEW	09→ 10→ 10→	79,5 4	IN EX	V2029 V2030	03L 109 601A 03L 109 611A	26,55x6x99,25 24,45x6x99,1	45 45	3 3	 <			

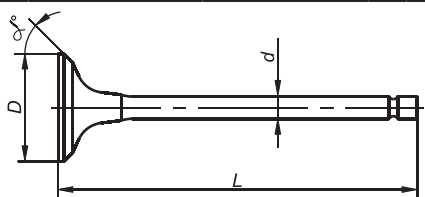
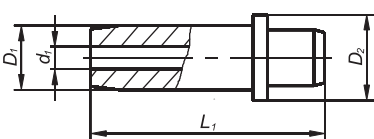
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT DIESEL											
Toledo GL 1.9D Cordoba, Ibiza 1.9D Inca 1.9D Eng. 1Y Until. eng. N.580.000 1896ccm 48/50kW(65/68PS)	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
Cordoba, Ibiza 1.9SDi Toledo, Inca 1.9DSi Eng. AEY 1896ccm 47kW(64PS)	96→ 95→		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 GLX/GTD 1.9TD Ibiza GL/GT/GLX 1.9TD Toledo GLX/GL/SE/ 1.9TD Eng. AAZ Turbo Until. eng. N.678.000 1896ccm 55kW(75PS)	94→ 93→ 93→	79,5 4	IN	V697A V697N1 V697N3	069 109 601H	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
			EX	V544 V544N V544N1 V544N3 V544N4 V544N5	068 109 611L	31,2x8x95 +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
Toledo 1.9 TDI From eng. N.678.001 Eng. AAZ 1896ccm	96→99	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

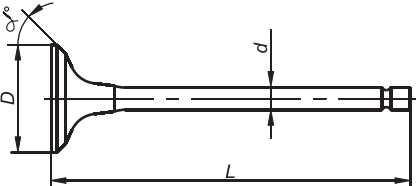
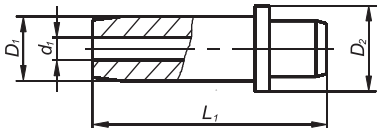
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12		
SEAT DIESEL													
Cordoba 1.9 D Ibiza 1.9 D Inca 19D Toledo 19D Eng. 1Y From. eng: N.580.001 1896cc 55kW(75PS)	98→ 98→ 95→ 96→	79,5 4	IN EX	V805 V805N1 V806 V806N1	028 109 601B 028 109 611E	36x7x95,5 +0,5S 31,1x7x95,6 +0,5S	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	
Cordoba 1.9 D Ibiza 1.9 D Eng. AEF 1896ccm 47/50kW(64/68PS)	96→ 96→												
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 96→ 96→ 95→	79,5 4	IN EX	V821 V821N1 V822 V822N1	028 109 601H 046 109 611F 046 109 611C	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	
Toledo 1.9 TDi From. eng: N.770.001 Eng. 1Z 1896cc	96→	79,5 4	IN EX	V811 V811N1 V812 V812N1	028 109 601D 028 109 611G	36x7x96,9 +0,5S 31,4x7x96,9 +0,5S	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	
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 EX	V831 V831N1 V832 V832N1	028 109 601J 028 109 611K	36x7x96,5 +0,5S 31,5x7x96,3 +0,5S	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	

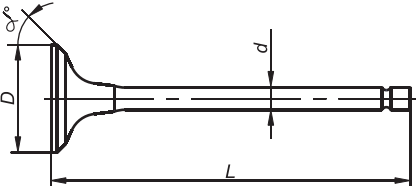
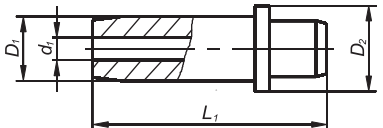
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SEAT DIESEL											
Arosa 1.7 SDi 97→ Eng. AHG/AKU Inca 1.7 SDi 96→ Eng. AKW, AHB 1716ccm 42/44kw(57/60PS)	79,5 4	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
Leon 1.9 SDi 99→ Cordoba 1.9 SDi 99→ Toledo 1.9 SDi 99→ Ibiza 1.9 SDi 99→ Eng. AQM Cordoba 1.9 SDi 02→ Ibiza 1.9 SDi 02→ Eng. ASY 1896ccm 47/50kw(64/68PS)		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
Toledo, Cordoba 1.9 TDi 97→ Eng. AGR/ALH Turbo Cordoba, Ibiza 1.9 TDi 97→ Alhambra 1.9 TDi 96→ Inca 1.9 TDi 96→ Eng. AHU, 1ZTurbo 1896ccm 66/81kw(90/110PS)	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
Leon, Toledo 1.9 TDi 98→ Eng. AHF Turbo 1896ccm 81kw(110PS)		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
Leon, Toledo 1.9 TDi 99→ Eng. ALH Turbo 1896ccm 66kw(90PS)											
Leon, Toledo 1.9 TDi 99→ Eng. AGR Turbo 1896ccm 65kw(89PS)											
Leon, Toledo, Cordoba 1.9 TDi 99→ Ibiza 1.9 TDi 99→ Eng. ASV, ASKTurbo 1896ccm 81kw(110PS)											
Alhambra 1.9 TDi 97→ Cordoba 1.9 TDi 97→ Ibiza, Toledo 1.9 TDi 97→ Eng. AFN Turbo 1896ccm 81kw(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
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

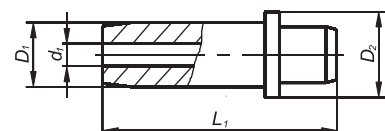
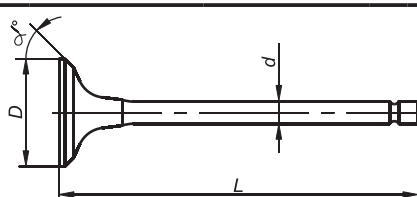
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SEAT DIESEL												
Alhambra 2.0 TDi PD 16V Altea 2.0 TDi PD 16V Leon 2.0 TDi PD 16V Toledo 2.0 TDi PD 16V Eng. AZV, BKD, BMN 1968ccm 103/125kW(140/170PS)	04→ 05→ 05→ 04→	81	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
		4			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
Altea 2.0 TDi FR 16V Leon 2.0 TDi FR 16V Eng. CBAA, CBAB Eng. CBBA, CBBB 1968ccm	04→ 05→	81	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
		4			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
Exeo 2.0 TDi Eng. CAGC, CJCC, CAGA Eng. CJCA, CAHA, CGLB 1968ccm	09→	81	IN	V1693	03L 109 601	28,1x6x99,3	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
		4			EX	V1694	03L 109 611	26x6x99,1	45	3	VV272 VV272N VV272.1	6x10,07x42 +0,05 +0,15
Ibiza, Ronda 1.7 D Malaga 1.7 D Eng. Fiat 138 A5.000 1714ccm 40,5kw(55PS)	84→ 84→	83	IN	V1027	4 368 843	38,4x8x126	45	1				
		4			EX	V1028	4 368 845	33,4x8x126	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
SEAT DIESEL											
Seat 132 2.0 D Eng. OM615 1988ccm 40kw(55PS)	74→	87 4	IN <								

	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. 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	27x7x103,7	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 Eng. CBZA, BZB 1197ccm NEW	10→	71 4	IN	V1957	03F 109 601A	35,4x6x98,7	45 3				
			EX	V1958	03F 109 611B 03F 109 611C	30x6x98,4	45 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				
120 L/LS/GLS 1.2 1174ccm 39/43kW(52/58PS)	77→	72 4	IN	V198 V361	441 01209 266.6 441 01209 327.6	32,2x8x99,8 +0,25d	45 3				
			EX	V195 V359	441 01209 264.6 441 01209 328.6	27,2x8x99,8 +0,25d	45 3				
120 L 1.2 Eng. 742.12 1174ccm 38kW(52PS)	84→	72 4	IN	V574 V361	441 01209 312.6 441 01209 327.6	32,2x8x99,8 +0,25d	45 3				
			EX	V351 V359	441 01209 310.6 441 01209 328.6	27,2x8x99,8 +0,25d	45 3				
105/120 G/LS 1.05/1.2 Eng. 742.12 1046/1174ccm 38/43kW(52/58PS)	84→	72 4	IN	V355	441 01209 322.6	32,2x8x99,8	45 3				
			EX	V351	441 01209 310.6	27,2x8x99,8	45 3				

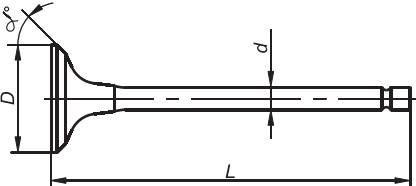
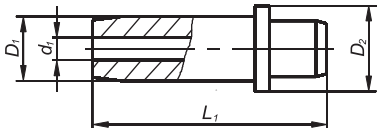
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA											
130 G/L 1.3 Eng. 742.13 1289ccm 84→	75,5 4	IN	V575 V356	441 01209 320.6 441 01209 318.6	34x8x99,8 +0,25d	45	3				
		EX	V352 V360	441 01209 321.6 441 01209 355.6	29x8x99,8 +0,25d	45	3				
Citigo 1.0 Eng. CHYA, CHYB 999ccm NEW 11→	74,5 3	IN	V2135	04E 109 601	29,5x5x110,3	45	3				
		EX	V2136	04E 109 611L	26,9x5x110,3	45	3				
Forman 135 L/LK/LE/LS/LSK/LE Eng.781.115/116/135/136 1137ccm 38kw(52PS) 89→	75,5 4	IN	V366	441 01209 346.6	34x8x101,3	45	1				
		EX	V367 V370	441 01209 347.6	30x8x101,8 +0,25d	45	1				
Favorit Forman 135,136 L/LK/LE/LS/LSK/LSE Eng.781.115/116/135/136 1289ccm 46kw(63PS) 89→											
Felicia 1.3 Eng. AMG 1289ccm 37kW(50PS) 97→	75,5 4	IN	V513	047 109 601	34x8x101,5	45	1				
		EX	V514	047 109 611	30,1x8x101,5	45	1				
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 01→ 04→ 40kw(54PS)	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 06→ 03→ 47kw(64PS)	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 99→ 55/74kw(75/101PS)	76,5 4										

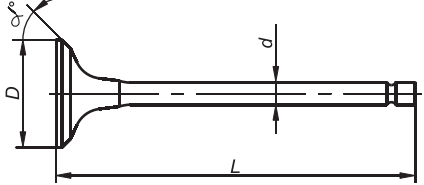
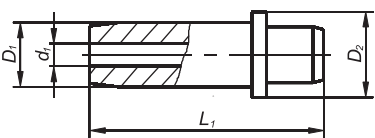
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA											
Octavia 1.4 16V Eng. AXP/BCA 1390/1360ccm 55kw(75PS)	00→	76,5 4	IN	V957	036 109 601AD 036 109 601S	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 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 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
Felicia 1.6 Fabia 1.6 Eng. 1F 1595ccm 55kw(75PS)	95→ 95→	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
			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 Eng. AVU, BFQ, BGU, ALZ Eng. BSE, BSF 1595 ccm 75kW(102PS)	00→	81 4	IN	V1379	06B 109 601D	39,4x6x93,8	45 3	VV393 VV393.1		6x12,07x36,4 +0,05	B F
			EX	V1380	06B 109 611C	32,9x6x93,8	45 3	VV393 VV393.1		6x12,07x36,4 +0,05	B F

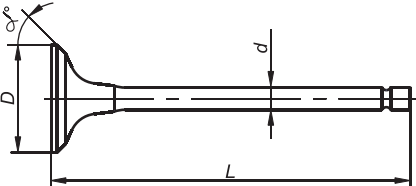
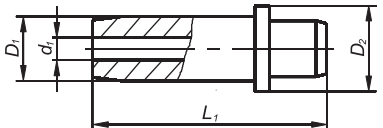


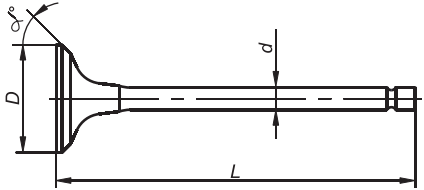
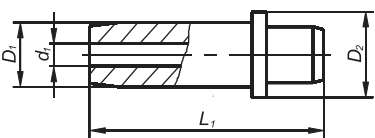
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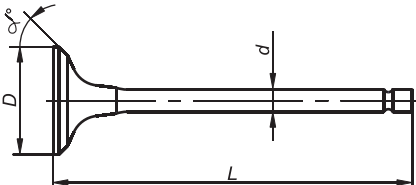
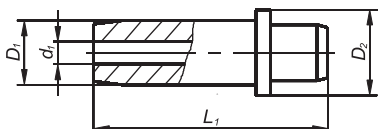
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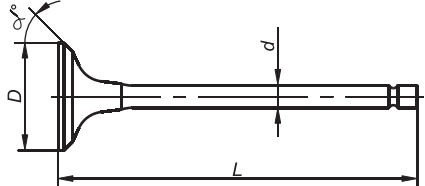
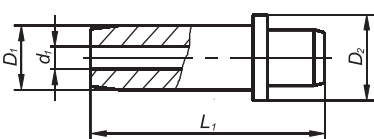
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA											
Super B 1.8 TFSi	08→	82,5	IN	V2027	06D 109 601M	33,8x6x104	45 3	VV181	058 103 415	6x11,07x36	B
Yeti 1.8 TFSi	08→	4						VV181.1		+0,05	F
Octavia 1.8 TFSi	08→										
Eng. CDAA			EX	V1606	06D 109 611L	28x6x101,9	45 3	VV181	058 103 415	6x11,07x36	B
1798ccm								VV181.1		+0,05	F
NEW											
ŠKODA DIESEL											
Superb 2.5 TDI	02→	78,3	IN	V879*	059 109 601B	27,1x6x100,5	45 3	VV272		6x10,07x42	B
Eng. AYM DOHC		V6		* Retainer	s.e. 2,5 mm			VV272N		+0,05	F
2498ccm	114kw(155PS)							VV272.1		+0,15	
								VV215		6x11,5/10,07x41,5	B G
			EX	V880*	059 109 611B	24,1x6x100,5	45 3	VV272		6x10,07x42	B
				* Retainer	s.e. 2,5 mm			VV272N		+0,05	F
								VV272.1		+0,15	
								VV216		6x11,5/10,07x41,5	B G
Superb 2.5 TDI 24V	02→	78,3	IN	V1277*	059 109 601F	27,1x6x100,6	45 3	VV392		6x10,07x36	B
Eng. BDG DOHC		V6		* Retainer	s.e. 8,5 mm			VV392.1		+0,05	F
2496ccm	120kw(163PS)										
			EX	V1278*	059 109 611G	24,1x6x100,6	45 3	VV392		6x10,07x36	B
				* Retainer	s.e. 8,5 mm			VV392.1		+0,05	F
Roomster 1.2 TDI	10→	79,5	IN	V2029	03L 109 601A	26,55x6x99,25	45 3				
Eng. CFWA		3									
1199ccm											
NEW			EX	V2030	03L 109 611A	24,45x6x99,1	45 3				
Fabia 1.4 TDi	03→	79,5	IN	V1663	038 109 601E	36x7x89,5	45 3	VV151	037 103 419B	7x13/12,07x36,5	B
Eng. AMF		3		V1663N1		+0,5S		VV151N		+0,05	G
Roomster 1.4 TDI	06→	79,5						VV151.1		+0,15	
Praktik 1.4 TDI	07→	4									
Eng. BNM, BNV, BMS			EX	V1664	038 109 611E	31,5x7x89	45 3	VV151	037 103 419B	7x13/12,07x36,5	B
1422ccm	51/55/59kW			V1664N1		+0,5S		VV151N		+0,05	G
								VV151.1		+0,15	

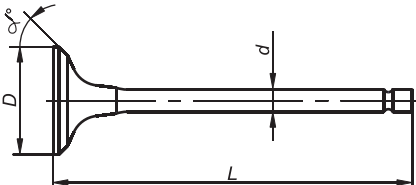
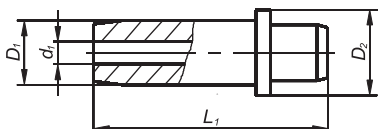
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA DIESEL											
Octavia 1.6 TDI Eng. CAYC Fabia 1.6 TDI Yeti 1.6 TDI Eng. CAYB 1598ccm	09→ 10→ 10→	79,5 4 EX	V2029 V2030	03L 109 601A 03L 109 611A	26,55x6x99,25 24,45x6x99,1	45 45	3 3				
Octavia 19 SDI Eng. AGP, AQM Felicia 1.9 D Eng. 1Y No 580001→ Eng. AEF No 007001→ 1836ccm 47/50kw(64/68PS)	97→ 95-98 96→	79,5 4 EX	V805 V805N V806 V806N1	028 109 601B 028 109 611E	36x7x95,5 +0,5S 31,1x7x95,6 +0,5S	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
Felicia 19D Eng. AEF Octavia 1.9 D Eng. AGP, AQM 1896ccm 47/50kW(64/68PS)	95-06 96-97	79,5 4 EX	V697 V697N1 V697N3 V698 V698N1 V698N3	069 109 601F 074 109 611	36x8x95,1 +0,5S +0,8S 31,2x8x95, +0,5S +0,8S	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
Felicia 1.9D Octavia 1.9 D Eng. AGP, AEF 1896ccm 47/50kw(64/68PS)	95→ 97→	79,5 4 EX	V831 V831N1 V832 V832N1	028 109 601J 028 109 611K	36x7x96,5 +0,5S 31,5x7x96,3 +0,5S	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
Octavia 1.9 SDi Eng. AGP, AQM, AEY Fabia 1.9 SDi Eng. ASY 1896ccm 47/50kw(64/68PS)	97→ '00→										

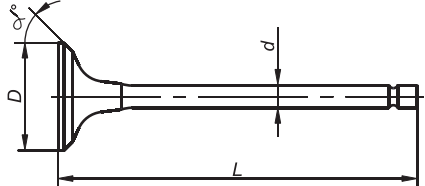
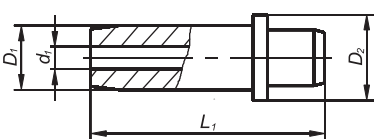
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA DIESEL											
Octavia 1.9 TDi 96→ Eng. AGR, ALH Turbo 1896ccm 66kw(90PS)	79,5 4	IN	V811	028 109 601D	36x7x96,9 +0,5S	45	3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V811N1					VV151N VV151.1			
Fabia 1.9 TDi 99→ Octavia 1.9 TDi 97-'01 Eng. AHF, ASV Turbo Intercooled 1896ccm 81kw(110PS)		EX	V812	028 109 611G	31,4x7x96,9 +0,5S	45	3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V812N1					VV151N VV151.1			
Fabia 1.4 TDi 03→ Eng. AMF 1422ccm 55kw(75PS)	79,5 3	IN	V919	038 109 601B	36x7x90 +0,5S +1,0S	45	3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V919N1 V919N3					VV151N VV151.1			
		EX	V920	038 109 611B	31,5x7x90 +0,5S +1,0S	45	3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V920N1 V920N3					VV151N VV151.1			
		EX	V1832	038 109 611F	31,5x7x89,5	45	3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
								VV151N VV151.1			
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 +0,5S +1,0S	45	3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V919N1 V919N3					VV151N VV151.1			
		EX	V920	038 109 611B	31,5x7x90 +0,5S +1,0S	45	3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V920N1 V920N3					VV151N VV151.1			
		EX	V1832	038 109 611F	31,5x7x89,5	45	3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
								VV151N VV151.1			
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 +0,5S	45	3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V1663N1					VV151N VV151.1			
		EX	V1664	038 109 611E	31,5x7x89 +0,5S	45	3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V1664N1					VV151N VV151.1			

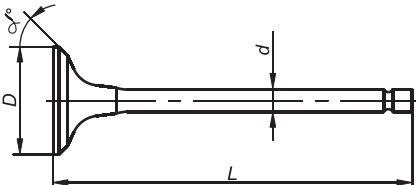
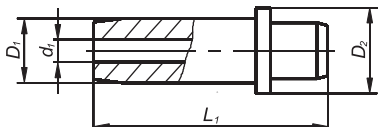
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA DIESEL											
Octavia 1.9 TDi Eng. 1Z 1896ccm 66kw(90PS)	97→ 4	IN	V821 V821N1	028 109 601H	36x8x96,8 +0,5S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
		EX	V822 V822N1	046 109 611F	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
Octavia 2.0 TDI PD16V Fabia 2.0 TDI PD16V Eng. BKD 1968 ccm 103kW(140PS)	04→ 07→ 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
Octavia 2.0TDI RS 16V Eng. CBAA, CBAB Eng. CBBA, CBBB 1968 ccm	08→ 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
Yeti 2.0 TDI Eng. CLCA, CFHA, CFHF 1968ccm NEW	09→ 4	IN	V2029	03L 109 601A	26,55x6x99,25	45	3				
		EX	V2030	03L 109 611A	24,45x6x99,1	45	3				

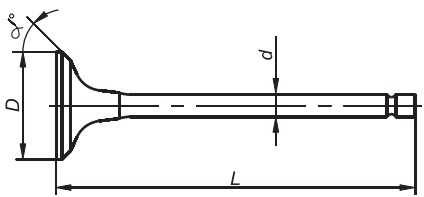
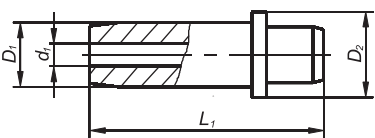
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ŠKODA DIESEL												
Superb 2.0 TDi Eng. BMP 1968ccm	09→	81 4	IN	V1663 V1663N1	038 109 601E	36x7x89,5 +0,5S	45	3	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
Superb V6 30V Eng. AMK, BBG 2771ccm	01→	82,5 V6	IN	V1609	059 109 601G	28,6x6x99,3	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F
			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 3	IN	V1125	1600530001	30x6x89,3	45	1	VV562 VV562N		6x12,56x35 +0,05	G F
			EX	V1126	1600500027	25x6x89,3	45	1	VV562 VV562N		6x12,56x35 +0,05	G F
Crossblade 600 Eng. M160 599ccm	02→											
Smart City	03→											
Fortwo	04→											
Roadster Eng. M160.910 698ccm	03→											
Fortwo 1.0 Turbo Fortwo 1.0 Brabus Eng. M132.930 999ccm	08→	72 3	IN	V2137	132 053 0001	28x5x85,5	45	1	VV489		5x10,56x34,5	G F
	08→		EX	V2138	132 053 0005	25x5x86,9	45	1	VV489		5x10,56x34,5	G F
NEW												

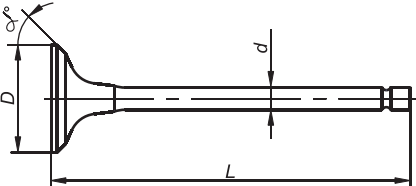
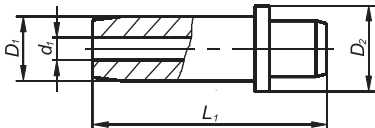
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SMART												
Fourfour 1.1 12V Eng. M134E11 1124ccm Fourfour 1.3 16V Eng. M135E13 1332ccm Fourfour 1.5 16V Eng. M135E15 1499ccm	04→	75 3	IN	V1861	1350530001	30,4x5x89,6	45	1	VV489		5x10,56x34,5	G F
			EX	V1862	1350530005	25,4x5x90,9	45	1	VV489		5x10,56x34,5	G F
		4										
SMART DIESEL												
Smart 800 CDi Eng. OM660,950 799ccm 33kW(45PS)	93→	65,5 3	IN	V1597	660 053 0101 Q0004570V003	27,6x6x91,2	45	3	VV398 VV398N		6x11,57x34,4 +0,03	G F
			EX	V1598	660 053 0005 Q0004569V003	25,2x6x91,2	45	3	VV398 VV398N		6x11,57x34,4 +0,03	G F
Smart 1.5 DCi Fourfour Eng. OM639.939 1493ccm 50/70kW(68/95PS)	05→	4	IN	V1743	642 053 0401	28,5x6x102,3	45	3	VV398 VV398N		6x11,57x34,4 +0,03	G F
			EX	V1744	642 050 0527	25,4x6x102,3	45	3	VV398 VV398N		6x11,57x34,4 +0,03	G F
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 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
	96→	4										
				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
Charman 2.8 24V Eng. M104 2799ccm	97→	89,9 6										
Charman 3.2i 24V Korando 3.2i 24V Musso 3.2i 24V Rexton 3.2i 24V Eng. M104 3199ccm	97→ 96→ 96→ 96→											

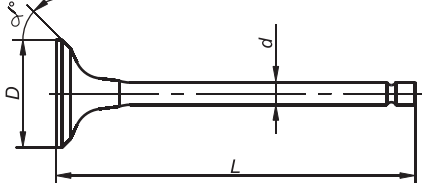
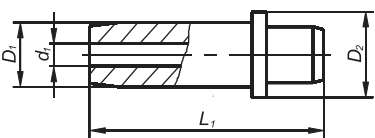
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SSANG YONG												
Korando 2.3i 16V Musso 2.3i 16V Eng. M111 2295ccm 110kW(150PS)	97→ 96→ 	90,9 4 	IN EX	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
Korando 3.2i 24V Musso 3.2i 24V Rexton 3.2i 24V Eng. M111 3199ccm 156/162kW(212/220PS)	96→ 96→ 96→ 	89,9 6 	IN EX	V1547 V1548	111 053 0101 111 053 0201 111 050 0527	35x7x101,5 31x7x103,5	45 45	3 3	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
SSANG YONG DIESEL												
Musso 2.3D Korando 2.3D Eng. OM601/OM661 2298ccm 58kW(79PS)	95→ 95→ 	89,9 4 	IN EX	V653 V653N1 V653N2 V653N3 V653N4 V653N5 V912 V912N1 V912N2 V912N3 V912N4 V912N5	601 053 1701 601 050 2327	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 0224 601 050 0724 601 050 0824 601 050 0924 601 050 1024 601 050 1124	8x14,03x39,5 +0,05 +0,20 +0,40 8x14,03x37,5 +0,05 +0,20 +0,40	G F1 G F1
Korando 2.9D Musso 2.9D Eng. OM662 2874ccm 70kW(95PS)	95→ 95→ 	86,2 4 	IN EX	V1369 V1370	 27,5x6x108,7	30,5x6x109 27,5x6x108,7	45 45	3 3	VV312 VV312	 6x11,04x38,5	 6x11,04x38,5	G F G F

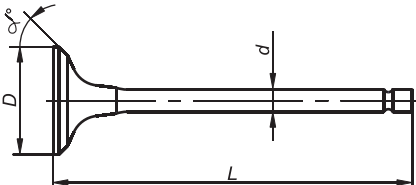
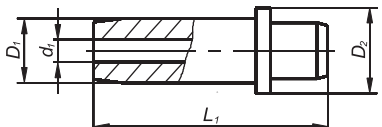
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SSANG YONG DIESEL												
Korando 2.5D Eng. XD3P 2498ccm 51/58kW(70/79PS)	93→	94 4	IN	V793	83EM 6207 BB 0948.44	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	83EM 6205 AB 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
STEYR												
200 GE 4x4 2.0D ENG. M102 1997ccm 80kw(109PS)	84→	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 158kw(215PS)	98→	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
G320 4WD 3.2 24V Eng. M110 3199ccm 115kW(156PS)	93→	89,9 4	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 92kw(125PS)	82→84	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
			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

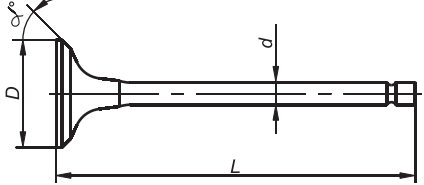
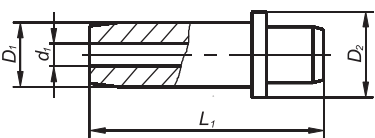
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
STEYR												
G500 (Steyr) 5.0 24V ENG. M113.962 4966ccm 218/225kw(296/306PS)	98→	97 6	IN	V1553	113 053 0201	38x7x119,1	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		
STEYR DIESEL												
ENG. OM615 City Bus 2.0 D 1988ccm 40kw(55PS)	68→79	87 4	IN	V651	615 053 0101	38,8x10x131,5	60	17	VV117	616 053 0329	10x14,03x60	G
				V651N3		+1,0S			VV117.1		+0,05	A1
									VV117.2	616 053 0429	+0,20	
			EX	V652	615 053 0705	33,2x10x131	60	17	VV118	616 053 0330	10x14,03x48,5	G
				V652N3		+1,0S		VV118.1		+0,05	A1	
								VV118.2	616 053 0430	+0,20		
ENG. OM602 250 GD 4x4 2.5 D 2497 ccm 66kw(90PS)	85→	87 5	IN	V653	601 053 1701	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 601 050 2127	35x9x106,4	45	1	VV154	601 050 0924	9x14,03x37,5
									VV154N		+0,05	F1
				V912N1		+0,5S			VV154.1	601 050 1024	+0,20	
				V912N2		+0,8S			VV154.2	601 050 1124	+0,40	
				V912N3		+1,0S						
				V912N4		+1,2S						
				V912N5		+1,0L						

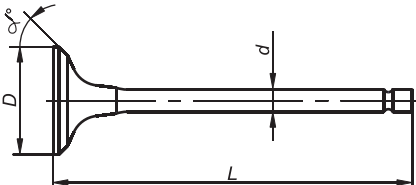
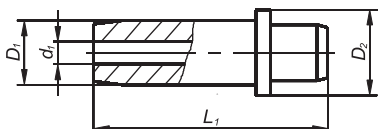
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
STEYR DIESEL											
G300 TD Eng. OM 606.964 2996ccm 130kw(177PS)	98→	87 6	IN	V907		29x6x105,4	45	1	VV218 VV218N VV218.1	6x12,56x37,5 +0,05 +0,20	G F
			IN	V1059		29x6x105,4	45	3	VV218 VV218N VV218.1	6x12,56x37,5 +0,05 +0,20	G F
			EX	V1054		26x6x105,7	45	1	VV218 VV218N VV218.1	6x12,56x37,5 +0,05 +0,20	G F
			EX	V1060		26x6x105,7	45	3	VV218 VV218N VV218.1	6x12,56x37,5 +0,05 +0,20	G F
			EX	V908		26x7x105,7	45	1	VV185 VV185N VV185.1	7x12,56x37,5 +0,05 +0,20	G F
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 10x14,03x60 +0,05 +0,20 616 053 0429	G A1
			EX	V656 V656N3	616 050 0527	34,2x10x131 +1,0S	60	17	VV118 VV118.1 VV118.2	616 053 0330 10x14,03x48,5 +0,05 +0,20 616 053 0430	G A1
ENG. WD 407 3077ccm 38kw(52PS)	79→	98 4	IN	V177	407 0501	41,9x9x142,5	45	9			
			EX	V178	407 0502	36,9x9x142,5	45	9			
ENG. WD 408 3140ccm 38/47kw(52/63PS)	68→	100 4									
ENG. WD 311.40 2592 ccm 35kw(48PS)	79→	100 3	IN	V349	311 0005 0014	42x9x142,5	45	1			
			EX	V350	311 0005 0015	37x9x142,5	45	1			
ENG. WD 411.41 3456ccm 43kw(59PS)	79→	100 4									
ENG. WD 611.40 5184ccm 63kw(85PS)	79→	100 6									

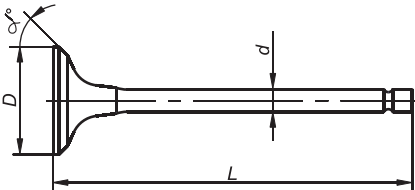
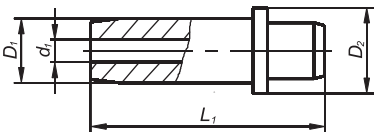
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
STEYR DIESEL											
ENG. WD 609 5976ccm 88/100kw(120/135PS)	62-68 6	105 IN	V535 V535N3	609 F05 0002	45x10x149,5 +1,0S	45	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 +1,0S	45	1	VV94	609 F040 039	10x16,03x68	G A6
ENG. WD 612 6595ccm 88/106kw(120/145PS)	77→	108 6									
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 Euro 1 4580ccm 114kw(155PS)	4	EX	V746		42x10x136,3	45	1	VV190		10x16,03x55	G F
8S16/9S16 Eng. 0824 LFL 02 Euro 2 4580ccm 118kw(160PS)											
8S22/9S22 Eng. 0826 LFL 03 Euro 2 6871ccm 162kw(220PS)	6										
8S22/9S22 Eng. 0826 LFL 06 Euro 1 6871ccm 162kw(220PS)											
ENG. WD 614 – Turbo 990-1290-1490 LKW 8143ccm 169kw(230PS)	67-79 6	120 IN	V346	614 6005 0007	50,9x12x158,5	55	1				
		EX	V347	615 6005 0006	48,9x12x158,4	45	1				

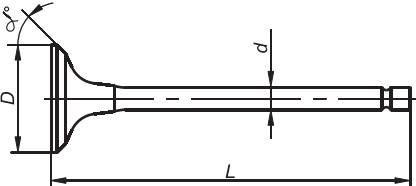
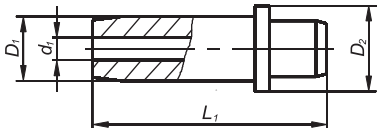
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
STEYR DIESEL											
ENG. 612.63/65- Turbo		IN	V634	610 6005 0001	48x10x149,5	55	1	VV93	609 F040 038	10x16,03x80	G
		EX	V634N3		+1,0S						A
ENG. WD 615.68/78 – Turbo 9726ccm	86→ 225kw(306PS)	IN	V683	615 6005 0022	50,9x11x159,4	55	1	VV84	615 6004 0033	11x16,03x81	G
		EX	V345 V345N3	610 6005 0002	39x10x149,5 +1,0S	45	1	VV94	609 F040 039	10x16,03x68	G A6
ENG. WD 815.66 – Turbo 11970ccm	87→ 270kw(367PS)	IN	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 NEW	11→ 72,5 4	IN	V2139	13711-47010	28,9x5,5x103,4	45	1				
		EX	V2140	13715-47010	24,3x5,5x104,6	45	1				
Justy G3X 1.3 16V Eng. M13A 1328ccm	04→ 4	IN	V1471	12911-54G00	30x5,5x101	45	1	VV394	11115-54G00	5,5x10,61x40	G F6
		EX	V1472	12915-54G00 12915-54G50	25x5,5x99	45	1	VV394	11115-54G00	5,5x10,61x40	G F6
		IN	V2007		29,3x6x104,5	45	1				
		EX	V2008		24x6x105,7	45	1				
Justy 1.3i 16V Eng. 13B/BB – Suzuki 1298ccm	95→ 74 4	IN	V1335	12911-71C00	29,2x5,5x92,2	45	1	VV563	11115-60B11	5,5x11,07x32	G
		IN	V1619		31x6,6x100,9	45	1	VV563N		+0,05	F
		EX	V1336	12915-71C00	25x5,5x79,9	45	1	VV563	11115-60B11	5,5x11,07x32	G
		EX	V1620		33x6,6x101	45	1	VV563N		+0,05	F
Justy 1.3i 16V Eng. G13B – Suzuki 1298ccm	95→ 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

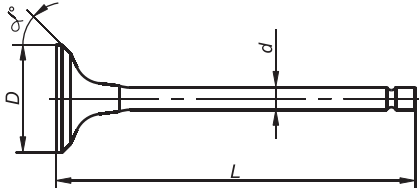
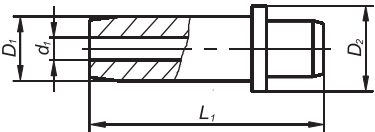
	CYL. Ø N _o	IN EX									
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SUBARU											
Justy 1.3i 16V Eng. G13B/BB – Suzuki 1298ccm 50kW(68PS)	95→ 74 4	IN	V1335	12911-71C00	29,2x5,5x92,2	45	1	VV563 VV563N	11115-60B11	5,5x11,07x32 +0,05	G F
		EX	V1336	12915-71C00	25x5,5x79,9	45	1	VV563 VV563N	11115-60B11	5,5x11,07x32 +0,05	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
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
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→ 99→ 92 4	IN	V1927	13201-AA430	34x6x120,6	45	1	VV440	13212-AA040	6x11,09x52,5	G P
		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
Forester 2.0T 16V Impreza WRX 2.0T 16V Eng. EJ20G Turbo 1994ccm 115/195kW(210/265PS)	97→ 96→ 92 4	IN	V1811	13201-AA371 13201-AA390	35,9x6x104,4	45	1	VV440	13212-AA040	6x11,09x52,5	G P
		EX	V1812	13202-AA400 13202-AA411	32x6x104,6	45	1	VV440	13212-AA040	6x11,09x52,5	G P
Forester 2.5T 16V Eng. EJ25 Turbo 2457ccm 155/169kW(210/230PS)	04→										

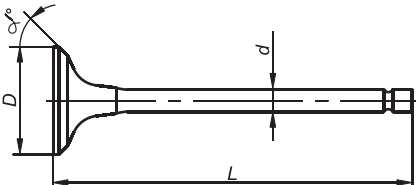
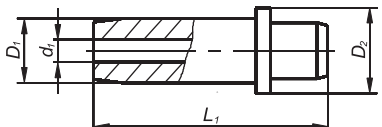
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SUBARU											
Forester 2.0 16V Eng. EJ 20 1994ccm 92kw(125PS)	01→	97 4	IN	V1401	13201-AA080	32,5x6x101	45 1	VV440	13212-AA040	6x11,09x52,5	G P
Legacy 2.2 16V Impreza 2.2 16V Eng. EJ 22 2212ccm 94/100kw(128/136PS)	90→		EX	V1402	13202-AA110	28x6x101,2	45 1	VV440	13212-AA040	6x11,09x52,5	G P
Legacy 2.5 16V Outback 2.5 16V Eng. EJ 25 2457ccm 115/156kW(155/211PS)	04→ 01→	99,5 4	IN	V1403	13201-AA361	36x6x120,6	45 1	VV440	13212-AA040	6x11,09x52,5	G P
			EX	V1404	13202-AA371	31,4x6x121,7	45 1	VV440	13212-AA040	6x11,09x52,5	G P
SUBARU DIESEL											
Justi 1.3 TDi 16V Eng. Z13DT 1248ccm 51/55kW(69/75PS) * Eng. Euro 5	03→	69,6 4	IN	V1413	641 072	21,7x6x109,2	45 3	VV391		6x10,03x43,2	G
			IN	V1873*		22,45x6x109,2	45 3	VV391.1 VV391.2	642 065 642 066	+0,03 +0,23	F3
			EX	V1414	641 071	21,7x6x109,2	45 3	VV391		6x10,03x43,2	G
			EX	V1874*		22,5x6x109,2	45 3	VV391.1 VV391.2	642 065 642 066	+0,03 +0,23	F3
Trezia 1.4D Eng. 1ND-TV 1364ccm		73 4	IN	V1487		30,6x6x100	45 1	VV374	11122-30020	6x11,09x40,6	G P
			EX	V1488		28x6x99,8	45 1	VV374	11122-30020	6x11,09x40,6	G P
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→										

	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												
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
Swift 1.0 Cultus AA41 1.0 Eng. G10A/B 993ccm 44kW(60PS)	83→ 83→	74 3	EX	V1308	12915-82000	30x7x114,5	45	1	VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P
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
Wagon R 1.0 16V Eng. K10A 996ccm 48kW(65PS)	98→	68 4	EX	V1816	12915-73G00 12915-73G20	21,5x5,5x81,3	45	1	VV488	11115-73G01	5,5x10,61x29,4	G F
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
Alto 1.1 Eng. RF410 1061ccm	04→	4	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				
Alto 1.1 Eng. RF410 1061ccm	04→	4	EX	V1814	12915-M84400 12915-M84440	23,4x5,5x87,1	45	1				
Swift 1.3i Eng. G13B 1298ccm 50kW(68PS)	91-96	71 4	IN	V1145	MD-016460 22211-21010	34x6,6x102,1	45	1				
Swift 1.3i Eng. G13B 1298ccm 50kW(68PS)	91-96	71 4	EX	V1146	MD-016461 22212-21004	30x6,6x100,9	45	1				

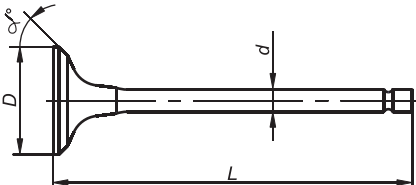
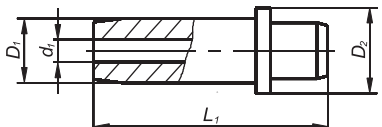
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
SUZUKI												
Wagon R 1.2 Eng. K12A 1171ccm	98→	71 4	IN EX	V1815 V1816	12911-73G00 12911-73G01 12915-73G00 12915-73G20	24,6x5,5x80,2 21,5x5,5x81,3	45 45	1 1	VV488 VV488	11115-73G01 11115-73G01	5,5x10,61x29,4 5,5x10,61x29,4	G F G F
Splash 1.0 12V Eng. K10B 996ccm	08→	73 3	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 NEW	10→ 10→	73 4	IN EX	V2111 V2112	12911-69L00-000 12915-69L00-000 12915-69LG0-000	27,5x5x87,5 22,9x5x87,1	45 45	1 1				
Carri 1.3 Swift 1.3 Eng. G13B OHC 1298ccm 50kW(68PS)	89→ 89→	74 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 F G F
Carri 1.3 16V Jimny 1.3 16V Cultus GTi/GXi 1.3 16V Eng. G13B/BB DOHC 1298ccm 74kW(101PS)	99→ 98→ 87→											
Baleno Wagon 1.3 16V Eng. SY413 DOHC 1298ccm 63kW(86PS)	95→	74 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 F G F
Vitara 1.6 16V Escudo 1.6 16V Eng. GA16A 1590ccm 70kW(95PS)	86→ 91→	75 4										
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→											

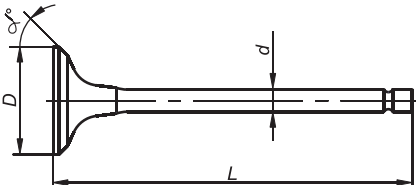
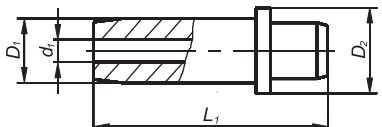
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SUZUKI											
Jimny 1.3 16V Swift 1.3 16V Eng. G13BB 1328ccm 59kW(80PS)	04→ 06→	74 4	IN EX	V1471 V1472	12911-54G00 12915-54G00 12915-54G50	30x5,5x101 25x5,5x99	45 1 45 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	IN 	 	 	 	 	 	 	 	
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 1 45 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 NEW	89→	75 4	IN EX	V1979 V1980	12911-86500 12915-86500	29x5,5x105,3 24,1x5,5x104,6	45 1 45 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 1 45 1	VV565 VV565N VV565 VV565N	1115-69G00 1115-69G00	6x11,07x40 +0,03 6x11,07x40 +0,03	G P6 G P6
Liana 1.6i 16V Eng. M16A 1586ccm	02-04	 	 	 	 	 	 	 	 	 	
Baleno 1.8 16V Eng. G18 1840ccm NEW	94→	84 4	IN EX	V2141 V2142	12911-86FA0 12911-86F50 12915-86F50	33x6x86,3 28x6x85,9	45 1 45 1	VV564 VV564N VV564 VV564N	115-85FA0-001 115-85FA0-001	6x11,07x35 +0,05 6x11,07x35 +0,05	G P G P

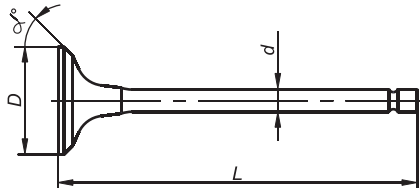
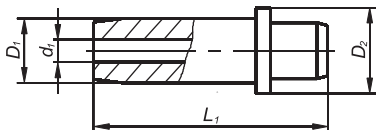
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SUZUKI DIESEL											
Wagon 1.3DDiS 16V Ignis 1.3DDiS 16V Swift 1.3DDiS 16V Eng. D13A Eng. Z13DT 1248ccm 51kW(69PS)	04→	69,6	IN	V1413	12911-85E00	21,7x6x109,2	45 3	VV391		6x10,03x43,2	G
	03→	4						VV391.1	642 065	+0,03	F3
	05→		IN	V1873	12911-68L10-000	22,45x6x109,2	45 3	VV391.2	642 066	+0,23	
			EX	V1414	12915-85E00	21,7x6x109,2	45 3	VV391		6x10,03x43,2	G
			EX	V1874	12915-68L10-000	22,5x6x109,2	45 3	VV391.1	642 065	+0,03	F3
Liana 1.4 DDiS Eng. RB 414D/8HY 1398ccm 66kW(90PS)	04→	73,7	IN	V1457	12911-73J00	24,3x5,5x96,4	45 3	VV399		5,5x9,56x34	G
		4						VV399N		+0,05	A
			EX	V1458	12915-73J00	22,4x5,5x96,6	45 3	VV399		5,5x9,56x34	G
								VV399N		+0,05	A
Jimny 1.5 DCi Eng. K9K 700 Turbo Engine Renault 1461ccm 60kW(82PS)	03→	76	IN	V979	13201-BN700 7701 473 184	33,4x6x101	45 3	VV319		6x11,07x40,5	B
		4						VV319.1		+0,05	F
								VV319N		+0,20	
			EX	V980	13202-BN700 7701 473 183	28,9x6x100,8	45 3	VV319		6x11,07x40,5	B
								VV319.1		+0,05	F
								VV319N		+0,20	
Vitara 1.9DDiS Eng.F9Q – Renault 1870ccm 59/79kW(80/100PS)	07→	80	IN	V951	12910-67JG0	35,4x7x111	45 1	VV182	7700 859 086	7x12,06x38,3	B
		4						VV182.1		+0,05	F
			EX	V952	12915-67JG0	32,6x7x110,8	45 1	VV182	7700 859 086	7x12,06x38,3	B
								VV182.1		+0,05	F
SX4 1.9 DDiS 4WD Eng. D16AA 1910ccm	06→	82	IN	V1033		35,5x8x115	45 3	VV260	7 565 472	8x14,04x43	G
		4						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	

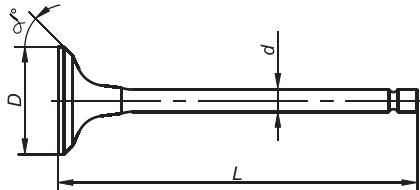
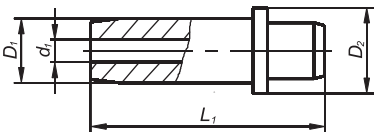
	CYL. Ø Nº	IN EX		AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END		AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12		
SUZUKI DIESEL													
Vitara 1.9D Eng. XUD9A 1905ccm 47/52kw(64/71PS)	95→99	83 4	IN EX EX	V721 V721N1 V721N3 V710 V710N1 V710N3 V722 V722N1 V722N3	12911-86CA0 LGH 10053 12915-86CA0 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 0220.65 0220.75 0220.65 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	
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 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	 			

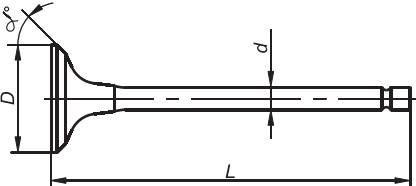
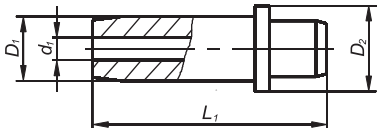
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
SUZUKI DIESEL											
Vitara 2.0TDi 16V 02→ Eng. RHW (DW10ATED4) Grand Vitara 2.0HDi 16V 01→ Eng. RHZ (DW10ATED4) Engine Peugeot 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
		EX	V1314	96353184 0949.A9	25x6x106,1	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 F G A 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 53/64/kW(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
Sumo TD 97→ Safari TD 99→ Telcoline TD 99→ Eng. 483DL 1948ccm	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	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

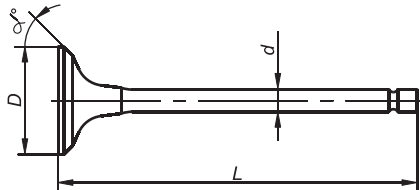
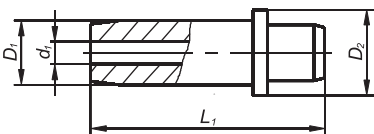
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
TATRA												
Tatra T815 Eng. T3/T3A – 920 Eng. T3–928/929/930	86→	120	IN	V371	928.1.0410.1	52x10x144	60	9	VV77		10x17,5/17,06x78	G
		8									G6	
		10										
		12	EX	V372	928.1.0411.1	45x10x144	45	9	VV78		10x17,5/17,06x70,5	G
Tatra T 148 E Eng.T 928 12660ccm	71		IN	V1351	442.0.1209.026.8	52x10x144	60	9	VV77		10x17,5/17,06x78	G
		8									G6	
		12	EX	V1352	442.0.1209.027.8	45x10x144	45	9	VV78		10x17,5/17,06x70,5	G
											G	
Tatra Eng.T – 929 208kw(283PS)			IN	V214	442.0.1209.020.4	52x10x144	60	9				
			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
ARAN T 101			EX	V34B	V500 0615b	42x11,5x137	45	9	VV51	V500.06.10B	11,5x18,03x75	G
											A16	
			IN	V21	101 0614b	44x10x180	45	9	VV300		10x18,04x95	G
PENTA T 700			EX	V21	101 0614b	44x10x180	45	9	VV300		10x18,04x95	G
											A15	
			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

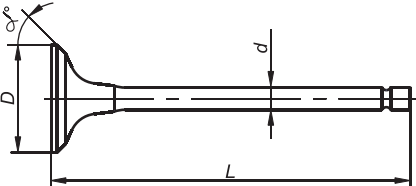
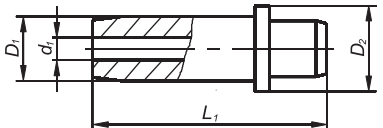
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
TORPEDO											
PENTA B 700		IN	V173	B 700 0614 23 3578	38x8x114,5	45	11	VV183 VV183N	B 700 0610 A	8x15,03x59 +0,05	G F6
			V173N1 V173N3		+0,5S +1,0S						
		EX	V174	B 700 0615 23 3580	34x8x114,5	45	11	VV183 VV183N	B 700 0610 A	8x15,03x59 +0,05	G F6
			V174N1 V174N3		+0,5S +1,0S						
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
Hiace 1.0 Van Starlet 1000 GL/XL Eng. 1E-L Hiace 1.0 12V Starlet 1000 GL/XL 12V Eng. 1E 999ccm 40kW(54PS)	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
	93→ 89-92 73 4	IN	V1021	13712-10010	21x6x98,7	45	1	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P
		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 1295ccm 55/60/74kW(75/82/101PS)	87→ 85→ 89→ 85→ 84→ 73 4										

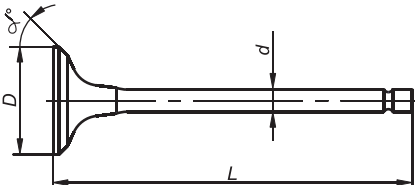
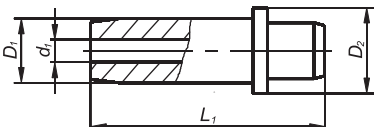
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
TOYOTA												
Aygo 1.0 VVT Yaris 1.0 VVT Eng. 1KR-FE 998ccm 51kW(69PS)	05→ 06→	71 3	IN EX	V1721 V1722	13711-40040 13715-40040	27,4x5x88,4 23,6x5x89,2	45 45	1 1	VV435 VV435	11122-21010 11122-21010	5x9,75x34,4 5x9,75x34,4	G P G P
Yaris 1.3 16V Eng. 2SZ-FE 1298ccm	02→	72 4	IN EX	V1249 V1250	13711-23030 13711-97401 13711-0J010 13715-23030 13715-97401 13715-0J010	26x5x88,2 22,6x5x89,2	45 45	1 1	VV435 VV435	11122-21010 11122-21010	5x9,75x34,4 5x9,75x34,4	G P 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 1329ccm NEW	08→	72,5 4	IN EX	V2139 V2140	13711-47010 13715-47010	28,9x5,5x103,4 24,3x5,5x104,6	45 45	1 1				
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

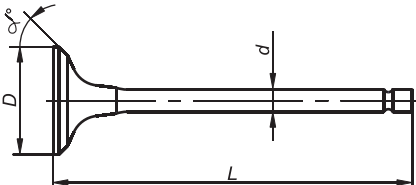
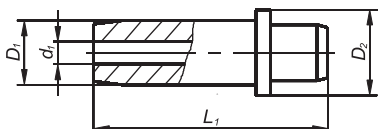
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
TOYOTA												
Yaris 1.3 16V Yaris Verso 1.3 16V Eng. 2NZ-FE 1299ccm 63/66kW(86/90PS)	98→ 99→	75 4	IN EX	V1337 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, Carina 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										
Corolla, Carina 1.6 Celica 1.6 Sprinter, Tercel 1.6 Eng. 4A-C/CL 1587ccm 54kW(73PS)	83→ 83→ 83→	81 4										
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→											

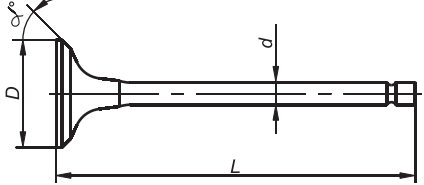
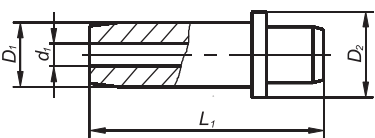
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
TOYOTA											
Avensis 1.8i 16V 00→ Corolla 1.8i 16V 00→ Celica 1.8i 16V 99→ MR2 1.8i 16V 99→ RAV4 1.8i 16V 00→ Eng. 1ZZ FE VVT Celica 1.8i 16V VVT 00→ Eng. 2ZZ – GE 1794ccm 92/95/105kW(125/129/143PS)		79 4	IN	V1477	13711-22040 13711-0D020	31x5,5x88,7	45 1	VV368	11122-20020	5,5x10,35x34,5	G P
			EX	V1478	13715-22040 13715-0D020	26,1x5,5x88,7	45 1	VV368	11122-20020	5,5x10,35x34,5	G P
Celica 1.8 TS 01→ Corolla 1.8 TS 02→ Eng. 2ZZ-GE/G3 1796ccm 141/165kW(192/224PS)		79 4	IN	V1801	13711-88600	34x5,5x111,3	45 1	VV436	11122-88600	5,5x10,56x43	G P
			EX	V1802	13715-88601	29x5,5x111,7	45 1	VV436	11122-88600	5,5x10,56x43	G P
Avensis 1.8 VVT 16V 00→ Celica 1.8 VVT 16V 99→ Corolla 1.8 VVT 16V 02→ MR2 1.8 VVT 16V 00→ RAV4 1.8 VVT 16V 01→ Eng. 1ZZ-FE 1794ccm 90/95/99/103kW		79 4	IN	V1803	13711-22030	32x5,5x88,7	45 1	VV368	11122-20020	5,5x10,35x34,5	G P
			EX	V1804	13715-22030	27,5x5,5x88,7	45 1	VV368	11122-20020	5,5x10,35x34,5	G P
Auris 1.6i 16V 06→ Eng. 1ZR-FE 1598ccm Yaris 1.8i 16V 06→ Eng. 2ZR-FE 1797ccm		80,5 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
Carina 1.6 16V 88-92 Corolla 1.6 16V 87-92 Corola Sedan/Wagon 1.6 16V 87→ Celica 1.6 16V 89→ Eng. 4AF 1587ccm 66/77kW(90/105PS)		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

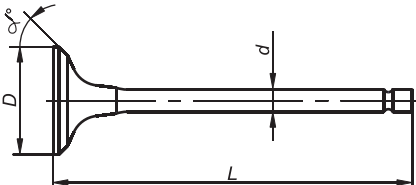
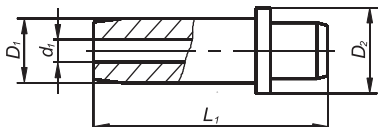
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d1xD2/D1xL1	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
TOYOTA												
Avensis 1.6i 16V Carina 1.6i 16V Celica 1.6i 16V Corolla 1.6i 16V Corona 1.6i 16V Eng. 4A FE 1587ccm 74/81kW(101/110PS)	97→ 87-97 89-93 87-92 88→	81 4	IN EX	V1475 V1476	13711-02050 13711-15090 13715-16060	31,1x6x87,5 24,5x6x87,9	45 45	1 1	VV367 VV367	11122-15030 11122-15030	6x11,06x38,4 6x11,06x38,4	G P 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 81kw(110PS)	97-00 94-97 93-99 95-97 92→ 95→	86 4										
Avensis 2.0i 16V Eng. 3S-FE Japanese production 1998ccm	97-00											
Alion 2.0i 16V Avensis 2.0i 16V Caldina 2.0i 16V Calmry 2.0i 16V Ipsum 2.0i 16V Ipsis 2.0i 16V Noah 2.0i 16V Premio 2.0i 16V RAV4 2.0i 16V Voxi 2.0i 16V Vish 2.0i 16V Eng. 1AZ FE/FSE 1998ccm 110/112/114kW	02→ 00→ 03→ 01→ 01→ 04→ 05→ 02→ 00→ 06→ 03→	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

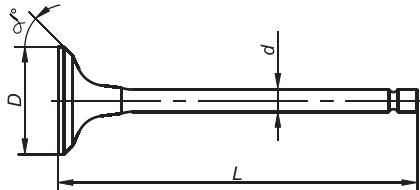
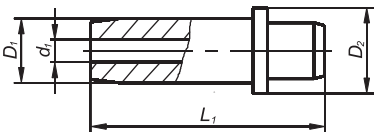
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
TOYOTA											
Avensis 2.0 16V 97→ Camry 2.0 16V 86-91 Carina 2.0 16V 87-96 Celica 2.0 16V 86-89 Hiace 2.0 16V 89→ Picnic 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	V1339	13711-74101	32x6x97,5	45 1	VV571	11122-74030	6x11,03x38,5	G P
			EX	V1340	13715-74100	27x6x98,5	45 1	VV572	11122-16010	6x11,03x40,5	G P1
Camry 3.0 V6 96→ Eng. 1MZ-FE 2995ccm NEW		87,5 V6	IN	V2145	13711-20020	34x5,5x95,2	45 1				
			EX	V2146	13715-20020	27,3x5,5x95,3	45 1				
Lexus IS 200 114KW 99→ Eng. 1GFE 1998ccm		6	IN	V1905	13711-70060	29,5x5x91,7	45 1				
			EX	V1906	13715-70080	25x5x91,8	45 1				
TOYOTA DIESEL											
Auris 1.4D - 4D 04→ Corolla 1.4D4-D TDi 06→ Eng. 1ND TV/D-4D 1364ccm 55/66kw(75/90PS)		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	VV374	11122-30020	6x11,09x40,6	G P
Yaris 1.4D - 4D 01→ Auris 1.4D - 4D 07→ Eng. 1ND-TV 1364ccm		73 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	VV374	11122-30020	6x11,09x40,6	G P
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 VV399N		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

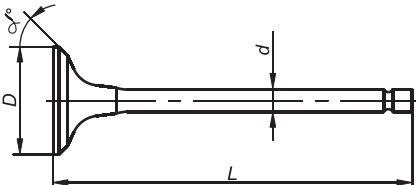
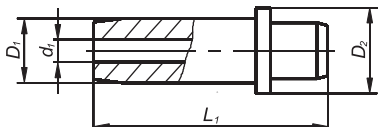
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
TOYOTA DIESEL											
Corolla 1.9D Eng. 1WZ Peugeot 1868ccm 51kW(69PS)	99→ 82,2 4	IN	V721 V721N1 V721N3	0948.59	38,5x8x112,4 +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 Corolla 2.0 D 16V Previa 2.0 D 16V RAV 4 2.0 D 16V Eng. 1CD FTV 1995ccm 66/81kW(90/110PS)	99→ 99→ 00→ 00→ 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 Corona/Sprinter 1800 D Town Ace 1800 D Vista 1800 D Eng. 1C 1839ccm 48kW(65PS)	81-85 81-85 81-85 81-85 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 Town Ace 2000 D Lite Ace 2000 D Eng. 2C 1974ccm 53kW(72PS)	92-97 83-85 88-95 86 4										
Camry 2.0 D Carina 2.0 D Corolla 2.0 D Corona 2.0 D Sprintr 2.0 D Eng. 2C 1974ccm 54/54kw(72/73PS)	84→ 87-96 92-97 83-87 84→ 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
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	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 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
TOYOTA DIESEL											
Camri 2.2 TD Caldina 2.0 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 									

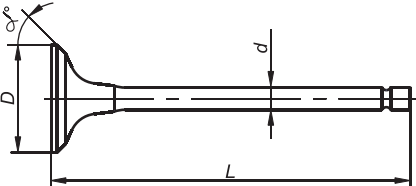
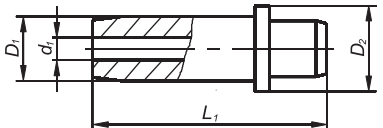
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
TOYOTA DIESEL											
Corona 2.4 D/TD Cressida 2.4 D/TD Duna 2.4D 4 Runier 2.4 D/TD Hilux, Hiace 2.4 D/TD Land Cruiser 2.4 D/TD Toyo Ace Chaser 2.4D Eng. 2L, 2L T/TE 2445ccm 55kw(78PS)	88→ 88→ 85→ 88→ 88→ 88→ 88→	92 4 EX 	V1387 V1484 	13711-54020 13711-17010 13715-54040 13715-17010	42,5x8x103,5 36x8x103,3 	45 45 	1 1 	VV320 VV320N VV320 VV320N	11122-67020 11122-67020 	8x13,05x42 +0,05 8x13,05x42 +0,05 	G P G P
Hi-Lux 2.5D-4D Eng. 2KD-FTV 2494ccm	 	92 4 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 125/150kW(170/204PS)	98→ 	94 6 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 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
Land Cruiser 90 3.0 TD Runier 3.0 TD Eng. 1KZ TE 2982ccm 92kW(125PS)	94→ 93-96 	96 4 EX 	V1387 V1388	13711-54020 13715-67020	42,5x8x103,5 37x8x103,5	45 45	1 1	VV320 VV320N VV320 VV320N	11122-67020 11122-67020	8x13,05x42 +0,05 8x13,05x42 +0,05	G P G P
Land Cruiser 90 3.0TD Runner 3.0TD Eng. 1KZ-TE 2982ccm 92kW(125PS)	01→ 	96 4 EX 	V1805 V1806	13711-54040 13715-67040	42,4x8x104,2 37x8x104,2	45 45	1 1	VV486 VV486	11122-67020 11122-67020	8x13,05x42 8x13,05x42	G P G P

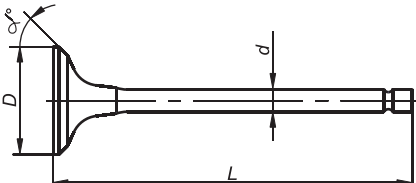
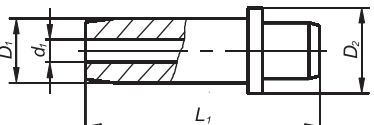
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
TOYOTA DIESEL												
Land Cruiser 90 3.0D 16V Land Cruiser 120 3.0D 16V Hi-Lux 3.0D 16V Eng. 1KD-FTV 2982ccm 120kW(163PS)	00→ 00→	96 4	IN EX	V1675 V1676	13711-30030 13715-30030	32,2x6x105,4 27,7x6x105,4	45 45	1 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 63kw(85PS)	84-01	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 45 45 45 45	5 5 5 5 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
URSUS												
Ursus C 330,C 335, C328 Eng. S- 312C- Tractor S-312 1960ccm 23kw(31PS)		102 2	IN EX	V815 V815N V816 V816N	5000 849 5000 848	44,5x9x145 +1,0D/+0,5S 36,5x9x145 +1,0D/+0,5S	45 45	5 5	VV152 VV152		9x15,04x70 9x15,04x70	G A G A
Ursus C355, C360 Eng. S-4003-Tractor 3120ccm 36kw(50PS)		95 4	IN EX	V475 V475N1 V475N2 V475N4 V476 V476N1 V476N2 V476N4	5050 506 5050 505	39,2x8x129,5 +0,5S +1,0D/+0,5S +1,0S 33,2x10x129,5 +0,5S +1,0D/+0,5S +1,0S	45 45	5 5	VV06 VV06N VV07 VV07N		8x17,4/15,04x62 +0,10 10x17,4/15,04x62 +0,10	G G G G

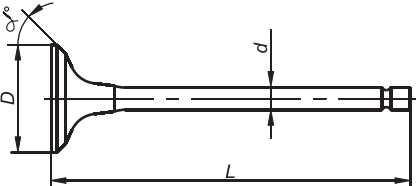
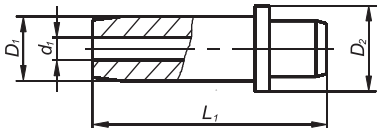
	CYL. Ø №	IN EX									
AV REF.			ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12
URSUS											
Ursus C385 – Cristal Eng. Z 8401.1 Tractor 4562 ccm 57kw(77,5PS)	110 4	IN	V87 V87N3	4–80005 014	49,3x10x138,9 +1,0S	45	1	VV111		10x16,05x68	G A6
		EX	V315 V315N3	4–80005 015	41,3x10x138,9 +1,0S	45	1	VV112		10x16,05x68	G F2
Eng. Z 8701.1 Tractor 6842ccm 85kw(115,5PS)	110 6										
Ursus C385 Turbo Eng. Z 8002.1 4562ccm 70,5kw(96PS)	110 4	IN	V333 V515N3	89 005 915	49,2x10x139 +1,0S	60	1	VV111		10x16,05x68	G A6
		EX	V315 V315N3	89 005 902 80 005 015	41,3x10x138,9 +1,0S	45	1	VV112		10x16,05x68	G F2
Eng. Z 8602.1. 6842ccm 111kw(151PS)	110 6										
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
U 445,U550M, U640		IN	V321 V321N V321N1 V321N2 V321N4	11 502 050 4 659 379	44x8x125,8 +0,3S +0,5S +1,0S +1,5S	45	1	VV326 VV326.1 VV326.2		8x14,02x56 +0,03 +0,18	G A16
		EX	V322 V322N V322N1 V322N2 V322N4	12 702 105 4 673 608	37x8x125,6 +0,3S +0,5S +1,0S +1,5S	45	1	VV379 VV379.1 VV379.2 VV379.3		8x14,02x48,7 +0,05 +0,10 +0,15	G A1
VAUXHALL „see” OPEL											

	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	
VLADIMIRAC												
T25, T40 Belarus		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	
VOLKSWAGEN												
Polo 1.0i Lupo 1.0i Eng. AER/ALL 999ccm 37kw(50PS)	97→ 97→ 37kw(50PS)	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
Lupo 1.0i Eng. ANV, AUC Lupo 1.0i Eng. ALD Polo 1.0i Eng. ALD, AUC 999ccm 37kw(50PS)	99-01 00→ 99-01	67,1 4	IN	V1439	030 109 601AK	31x6x99	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
			EX	V1440	030 109 611S	26x6x99	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Derby GL/L 0.9 Polo GL/L 0.9 Eng. HA 895ccm 29kw(40PS)	77-79 75-79	69,5 4	IN	V692	052 109 601	31,5x8x104	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	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 GLS/LS/S 1.1 Golf I GL/L Formel E 1.1 Polo GLS/LS/S 1.1 Scirocco GL/L 1.1 Eng. HB 1093ccm 37kw(50PS)	77-79 74-79 75-79 75-84											

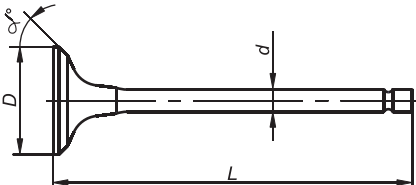
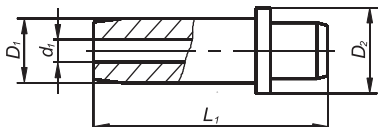
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Derby 1.1 Polo GLS/LS 1.1 Eng. HC 1093ccm 44kW(60PS)	76-77 75-79	69,5 4	IN	V692	052 109 601	31,5x8x104	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 GLS/LS 1.3 Polo GLS/LS 1.3 Eng. HJ/HH 1272ccm 44kW(60PS)	77-79 78-79	75 4	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 GL/L 0.9 Eng. HA/DN 895ccm 29kW(40PS)	79→	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 Derby, Polo GLS/LS/S 1.1 Golf I, GL/L Formel E 1.1 Eng. HB/GG/FA/FJ/HC 1093ccm 37kW(50PS)	79→ 79→ 79→		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 Santana 1.3 Golf I, Jetta GL/GLS/L/LS/S 1.3 Passat GL/L 1.3 Scirocco GL/GT/L 1.3 Eng. FZ/FY/GF/GK/HH 1272ccm 40/44kW(55/60PS)	79-81 79-81 79-81 79-81 79-81	75 4									
Derby, Scirocco C/CL/GL 1.1 Golf I, Polo C/CL/GL/Formel E 1.1 Eng. HD/HC 1093 ccm 37/44kW(50/60PS)	84→ 84→	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 Golf I, Polo C/CL/GL 1.3 Santana 1.3 Passat C/CL/GL (Variant) 1.3 Scirocco CL/GL 1.3 Eng. FY/FZ/EP/GF/HH/HJ 1272 ccm 40/44kW(55/60PS)	81→ 81→ 81→ 81→ 81→	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

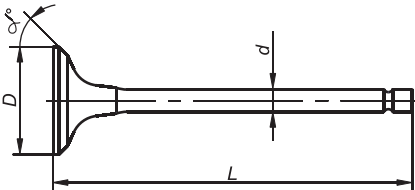
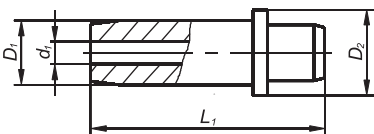
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Caddy 1.2 TSI Golf VI 1.2 TSI Golf plus 1.2 TSI Polo 1.2 TSI Touran 1.2 TSI Beetle 1.2 TSI Jetta 1.2 TSI Eng. CBZA, CBZB 1197ccm NEW	10→	71 4	IN EX	V1957 V1958	03F 109 601A 03F 109 611B 03F 109 611C	35,4x6x98,7 30x6x98,4	45 3 45 3				
Lupo 1.0 i Eng. AHT 997ccm NEW	98→00	72 4	IN EX	V2147 V2148	047 109 601B 047 109 611B	31,5x7x103,6 27x7x103,7	45 3 45 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
UP 1.0 Eng. CHYA, CHYB 999ccm NEW	11→	74,5 3	IN EX	V2135 V2136	04E 109 601 04E 109 611L	29,5x5x110,3 26,9x5x110,3	45 3 45 3				
Polo 1.0i Eng. AEV 1043ccm 33kW(45PS)	92→	75 4	IN EX	V847 V848	030 109 601N 030 109 611D	32x7x99,3 28,9x7x99,1	45 3 45 3	VV150 VV150.1 VV150 VV150.1	030 103 419A 030 103 419A	7x12/11,07x36,5 +0,15 7x12/11,07x36,5 +0,15	B G B G
Derby C/CL/GL/Coupe 1.1 Polo C/CL/GL/Coupe 1.1 Eng. GL 1043 ccm 29kw(40PS)	81→ 81→	75 4	IN	V711	036 109 601A	34x8x110,5	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 Jetta 1.3 Golf II C/CL/GL/Formel/E 1.3 Scirocco 1.3 Polo C/CL/GL/Coupe 1.3 Eng. HK 1272 ccm 40kw(55PS)	83→ 83→ 83→ 83→ 83→		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 Polo Coupe GT 1.3 Eng. GK 1272 ccm 55kw(75PS)	83→ 83→										

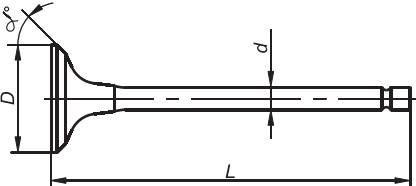
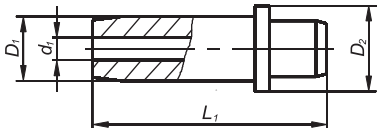
	CYL. Ø Nº	IN EX																		
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE									
1	2	3	4	5	6	7	8	9	10	11	12									
VOLKSWAGEN																				
Golf I, Jetta C/CL 1.3 Eng. GS/GT Polo 1.3 1272 ccm	85→ 86→ 44kw(60PS)	75 4	IN	V546	036 109 601F	31,5x8x104	45	3	VV76	056 103 419A	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	V547	052 109 611A	28,2x8x104	45	3	VV76	056 103 419A	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										
Polo G40/Coupe 1.3 Polo Coupe G40 1.3 Eng. PY 1272 ccm	87→ 91→ 83kw(113PS)	75 4	IN	V645A	030 109 601F	36x8x98,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B								
									VV76.1		+0,05	G								
									VV76.2		+0,15									
									VV76.3	+0,25										
									EX	V646	030 109 611A	28,9x8x99,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B		
															VV76.1		+0,05	G		
		VV76.2	+0,15																	
		VV76.3	+0,25																	
		Derby 1.1 Golf II 1.1 Polo GL/GT/Coupe 1.1 Jetta 1.1 Eng. HZ/AAU/AAK/AAV/ACM 1043 ccm	81-84 85-91 85-92 85-92 33kw(45PS)	75 4	IN	V645A	030 109 601F	36x8x98,9							45	3	VV76	056 103 419A	8x13/12,06x36,5	B
																	VV76.1		+0,05	G
									VV76.2	+0,15										
									VV76.3	+0,25										
EX	V646			030 109 611A	28,9x8x99,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B									
								VV76.1		+0,05	G									
								VV76.2		+0,15										
								VV76.3		+0,25										

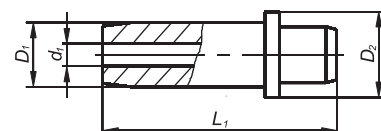
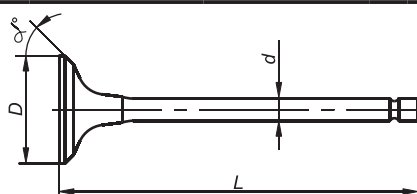
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Golf II 1.3 90→	75	IN	V645A	030 109 601F	36x8x98,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Polo 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	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
									VV76.2		+0,15	
									VV76.3		+0,25	
Caddy 1.5	82→	79,5										
Golf I, Jetta C/CL/GL 1.5	81→	4										
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

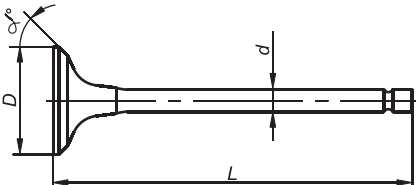
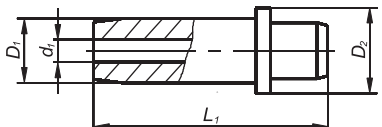
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Polo 1.2i Eng. AMY Polo 1.2i Eng. DMD Polo 1.2i 12V Eng. BBM 1198ccm 40/44kw(54/60PS) Fox 1.4i 16V Eng. BKR 1390ccm	02→04 04→07 07→ 05→	76,5 3 76,5 4	IN EX	V1265 V1110 V957 V958	032 109 601L 030 109 611T 032 109 611L 032 109 611M 032 109 611A 036 109 601AD 036 109 601S 036 109 611K	34,5x6x99,2 28x6x99,2 29,5x6x100,9 26x6x100,5	45 45 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
VOLKSWAGEN											
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	V957	036 109 601AD 036 109 601S	29,5x6x100,9	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	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)			EX	V958	036 109 611K	26x6x100,5	45 3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
LT 28/31/35/45 2.4 82→ Eng. HS 2384ccm 62kw(84PS)		76,5 6	IN	V645	073 109 601A 030 109 601C	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
LT 28/31/35/45/50 2.4 89→ Eng. DL 2383ccm 66kw(90PS)			EX	V748	049 109 611F	31,2x8x98,5	45 3	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
Polo 1.3i 94-97 Eng. ADX 1296ccm 40kw(54PS)		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 95→ Lupo 1.4i 00→ Polo 1.4i 95-01 Eng. AUD/AKK/AKP 1390ccm 40/44kw(54/60PS)		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



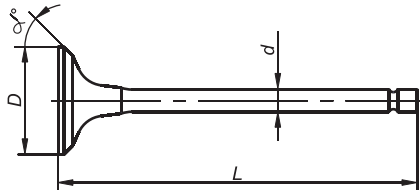
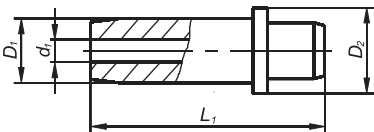
VOLKSWAGEN

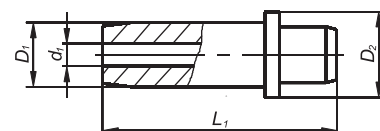
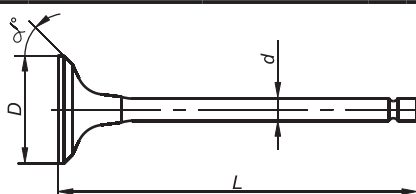
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	CYL. Ø Nº	IN EX										
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1	2	3	4	5	6	7	8	9	10	11	12	
VOLKSWAGEN												
Golf IV 1.6 SRE Golf Plus 1.6 SRE Eng. CCSA 1598ccm 75kw(102PS)	07→	76,5	IN	V1379	06B 109 601 H	39,4x6x93,8	45	3	VV393 VV393.1		6x12,07x36,4	B
	08→	4			06B 109 601 D						+0,05	F
			EX	V1380	06B 109 611 C	32,9x6x93,8	45	3	VV393 VV393.1		6x12,07x36,4	B
					06B 109 611 B					+0,05	F	
Golf 1.0 16V 999ccm	96→		IN	V1135	036 109 601R	22,5x6x98,7	45	3				
			EX	V1136	036 109 611J	20x6x98,5	45	3				
Polo 1.4 16V Eng. AFH 1390ccm 74kw(100PS)	96→99	76,5	IN	V1107	036 109 601P	29,5x6x97,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36	B
		4									+0,05	F
			EX	V1108	036 109 611L	26x6x97,3	45	3	VV181 VV181.1	058 103 415	6x11,07x36	B
										+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→	77	IN	V318	113 109 601A	31,5x8x111,8	45	3	VV233 VV233.1 VV233.2 VV233.3 VV233.4	113 101 402	8x12,06x64,5	B
	60→	4									113 101 403	+0,05
	60→									113 101 404	+0,15	
	60→									113 101 406	+0,25	
										113 101 408	+0,45	
			EX	V319	113 109 612	30x8x111,8	45	3	VV253 VV253.1 VV253.2 VV253.3 VV253.4	113 101 416	8x12,06x65,5	B
										113 101 417	+0,05	A6
										113 101 418	+0,15	
										113 101 420	+0,25	
										113 101 422	+0,45	
1200, 1200L, 1303 1.3 1285ccm	74→	77	IN	V1127	311 109 601	35,5x8x111,9	45	3				
	33kw(44PS)	4										
			EX	V834	043 109 611	30x9x111,9	45	3				
1303 L/LS 1.6 Bus, Kombi 1.6 Transporter 1.6 Eng. AS 1584ccm 37kw(50PS)	74→	85,5										
	74→80	4										
	74→80											

	CYL. Ø 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											
1300L, 1302, 1303L 1.3 1285ccm 72→ 33kw(44PS)	77	IN	V1127	311 109 601	35,5x8x111,9	45	3	VV233	113 101 402	8x12,06x64,5	B
			V1080	040 109 601	39x8x111,8	45	3	VV233.1	113 101 403	+0,05	A
1500A/N, 1600, 1600A/Variant 1.5 Transporter 1.5 1493ccm 63-75 33kw(54PS)	83	IN						VV233.2	113 101 404	+0,15	
								VV233.3	113 101 406	+0,25	
1500S/Variant 1.5 1493ccm 63-67 40kw(54PS)	85,5	EX	V1128	311 109 612A 311 109 612	32x8x111,8	45	3	VV233.4	113 101 408	+0,45	
								VV253	113 101 416	8x12,06x65,5	B
1300 LS/S, 1302S 1.6 1303 L/S 1.6 1600A L/TL/Variant 1.6 Eng. T/P 1584ccm 70→ 72-74 65-75 40kw(54PS)	4							VV253.1	113 101 417	+0,05	A6
								VV253.2	113 101 418	+0,15	
Golf I GLi 1.6 Golf I GLi/GTi 1.6 Jetta CLi/GLi/GTi 1.6 Scirocco GLi/GTi 1.6 Passat 1.6 Eng. YS,EG 1588ccm 75-82 75-83 81→ 76-82 76-82 81kw(110PS)	79,5	IN	V749	049 109 601A	38x8x105,7	45	1	VV253.3	113 101 420	+0,25	
								VV253.4	113 101 422	+0,45	
Passat CL5/GL5/Variant 1.9 Santana CL5/GL5 1.9 Eng. WN 1921ccm 81→ 81→ 85kw(115PS)	79,5	IN	V751	035 109 601C 035 109 601F	38x8x98,7	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
								VV76.1		+0,05	G
Caddy 1.6 Jetta, Passat C/CL/GL 1.6 Santana CX/GX/LX 1.6 Scirocco GT/GTL 1.6 Golf II C/CL/GL/Cabriolet 1.6 Eng. EW/HN/EZ/HM/DT 1595ccm 84→ 84→ 84→ 84→ 84→ 55kw(75PS)	81	EX	V750	049 109 611A	31,2x8x105,5	45	1	VV76.2		+0,15	
								VV76.3		+0,25	
Passat CL5/GL5/Variant 1.9 Santana CL5/GL5 1.9 Eng. WN 1921ccm 81→ 81→ 85kw(115PS)	79,5	IN	V752	035 109 611F	33,2x8x98,5	45	3	VV80	049 103 419	8x12,06x42,5	B
								VV80.1		+0,05	F
Caddy 1.6 Jetta, Passat C/CL/GL 1.6 Santana CX/GX/LX 1.6 Scirocco GT/GTL 1.6 Golf II C/CL/GL/Cabriolet 1.6 Eng. EW/HN/EZ/HM/DT 1595ccm 84→ 84→ 84→ 84→ 84→ 55kw(75PS)	81	EX	V752	035 109 611F	33,2x8x98,5	45	3	VV80.2		+0,15	
								VV80.3		+0,25	
Passat CL5/GL5/Variant 1.9 Santana CL5/GL5 1.9 Eng. WN 1921ccm 81→ 81→ 85kw(115PS)	79,5	IN	V751	035 109 601C 035 109 601F	38x8x98,7	45	3	VV80	049 103 419	8x12,06x42,5	B
								VV80.1		+0,05	F
Caddy 1.6 Jetta, Passat C/CL/GL 1.6 Santana CX/GX/LX 1.6 Scirocco GT/GTL 1.6 Golf II C/CL/GL/Cabriolet 1.6 Eng. EW/HN/EZ/HM/DT 1595ccm 84→ 84→ 84→ 84→ 84→ 55kw(75PS)	81	EX	V752	035 109 611F	33,2x8x98,5	45	3	VV80.2		+0,15	
								VV80.3		+0,25	

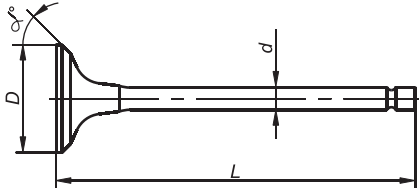
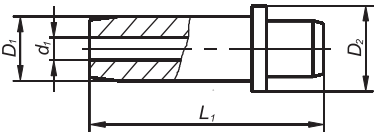
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Caddy 1.8 85→	81	IN	V751	035 109 601C	38x8x98,7	45	3	VV80	049 103 419	8x12,06x42,5	B
Golf II Cabrio 1.8 83→	4			035 109 601F				VV80.1		+0,05	F
Golf II Carat 1.8 84→								VV80.2		+0,15	
Scirocco 1.8 84→								VV80.3		+0,25	
Passat CL 1.8 84→											
Jetta 1.8 84→		EX	V752	035 109 611F	33,2x8x98,5	45	3	VV80	049 103 419	8x12,06x42,5	B
Santana LX 83→								VV80.1		+0,05	F
Eng. EX/GU/GX/JH/DS/DZ								VV80.2		+0,15	
1781ccm 66/82kw(90/122PS)								VV80.3		+0,25	
Passat 2.2 84-85	79,5	IN	V701	026 109 601C	40x8x91	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Eng. HY	5							VV76.1		+0,05	G
2144ccm 100kw(136PS)								VV76.2		+0,15	
								VV76.3		+0,25	
Golf II, Jetta CL/GL/GT/GTi 1.8 88→	81							VV80	049 103 419	8x12,06x42,5	B
Passat CL/GL/GT 1.8 88→	4							VV80.1		+0,05	F
Eng. RV/PF/PB								VV80.2		+0,15	
1781ccm 77/82kw(104/112PS)								VV80.3		+0,25	
		EX	V702B	053 109 611	33,2x8x91	45	3	VV76	056 103 419A	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	
Golf III, Vento, Passat 1.8 94→	81	IN	V1293	048 109 601E	38x7x91,8	45	3	VV160	051 103 419	7x12,07x35	B
Golf III Cabriolet, Variant 1.8 94→	4							VV160.1		+0,15	F
Eng. AAM, ADZ											
1781ccm 55/66kw(75/90PS)		EX	V870	048 109 611B	32,9x7x91,2	45	3	VV160	051 103 419	7x12,07x35	B
								VV160.1		+0,15	F
Bora 1.6i 00→	81	IN	V1379	06B 109 601D	39,4x6x93,8	45	3	VV393		6x12,07x36,4	B
Cady 1.6i 04→	4			06B 109 601B				VV393.1		+0,05	F
Golf IV 1.6i 00→											
Touran 1.6i 03→		EX	V1380	06B 109 611C	32,9x6x93,8	45	3	VV393		6x12,07x36,4	B
Eng. AVU, BGU, BFQ, BSE, BSF				06B 109 611B				VV393.1		+0,05	F
New Beetle 1.6i 04→											
Passat 1.6i 00→											
Eng. ALZ, AYD											
1595ccm 75kw(102PS)											

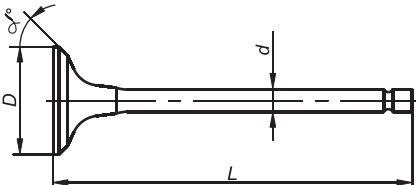
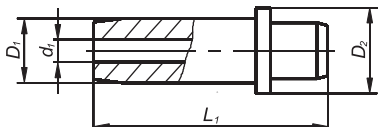
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Caddy 1.6 85→ Golf II, Jetta 1.6 85→ Passat, Scirocco 1.6 85→ Eng. EZA/EW/EZ/HN/HM 1595ccm 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 II Ci/GLi 1.8 84→ Jetta, Passat, Scirocco 1.8 85→ Eng. EX/GU/GX/RG 1781ccm 66/79kw(90/107PS)		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)		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	



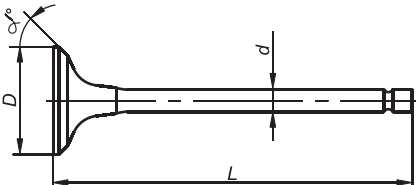
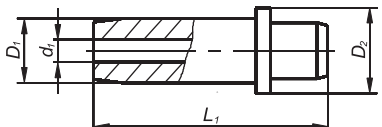
VOLKSWAGEN

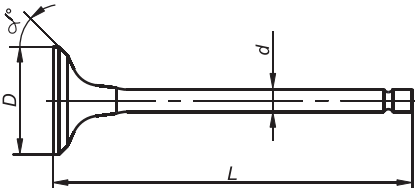
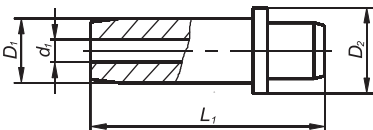
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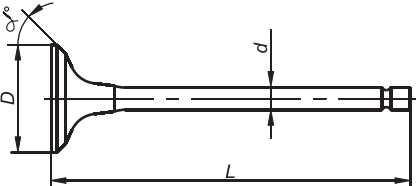
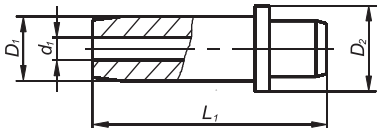
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Golf II 2.0i 16V Jetta 2.0i 16V Passat GT 2.0i 16V Corrado GT 2.0i 16V Eng. 9A 1984ccm	89-91 89-92 88→ 91→ 100kw(136PS)	82,5 4 	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
Golf II, Jetta GTi 1.8 Scirocco GT/GTL/GTx 1.8 Eng. RD 1781ccm	85→ 85→ 79kw(107PS)	81 4 	IN EX	V701 V702	026 109 601C 026 109 611A 048 109 611A	40x8x91 33,2x8x91	45 3 45 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 	IN EX	V796 V702B	035 109 601J 035 109 601K 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
Passat CL/GL 1.6 Eng. DT 1595ccm	88→ 53/55kw(72/75PS)	 	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
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)	 	 								

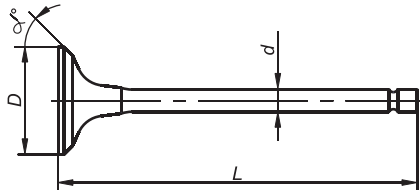
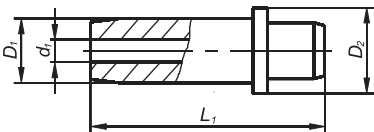
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Golf III, Vento, Passat 1.8 94→ Eng. AAM/ADZ Up to Erg. 408197/001108 1781ccm 55/66kw(70/75PS)	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 95→ Golf III, Vento, Passat CL/GL/GT 1.6 91→ Golf III, Vento, Passat, Syncro 1.6 93→ Jetta, Polo 1.6 91→ Transporter T4 1.6 91→ Eng. ABN/1F Up to Eng. 408197/001108 1595ccm 55/75kw(75/102PS)		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 91→ Vento 1.8 92→ Passat 1.8 91→ Transporter T4 1.8 93→ Transporter Syncro T4 1.8 91→ Caravelle 1.8 90→ Eng. ABS/AAM/PD/ADZ 1781ccm 55/66kw(75/90PS)											
Golf II 1.8 84-91 Jetta 1.8 84-91 Passat 1.8 82-88 Santana 1.8 82-88 Scirocco 1.8 83-92 Eng. DS/EX/GU/GX 1781ccm 62/66kw(74/90PS)											
Golf III GL/GT 2.0 92→ Vento GL 2.0 92→ Passat 2.0 84→ Santana 2.0 84→ Eng. APP/AGG/JS/HP 1984ccm 79/85kw(107/116PS)	82,5 4										
Passat 2.1 82-84 Santana 2.1 89-84 Eng. HY 2144ccm 100kw(136PS)	79,5 5										

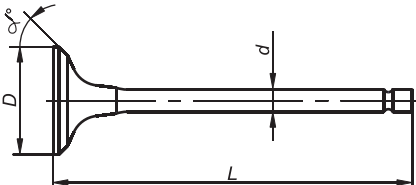
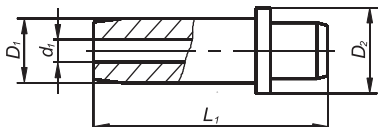
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Passat 2.2 85-88 Eng. KX/KV/JT 2266ccm 85/88/100kw(116/120/136PS)	81 5	IN	V796	035 109 601J 035 109 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
		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, Vento, Passat 1.6 94→ Eng. AEK Up to Eng. 000813/000778 1588ccm 74kw(100PS)	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
		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
Corado G60 1.8 88-93 Golf II G60 / Syncro 1.8 90-91 Jetta G60 / Syncro 1.8 90-91 Passat G60 / Syncro 1.8 89-92 Eng. PG 1781ccm 118kw(160PS)											
Transporter 2.0/2.5 90→ Multivian 2.0/2.5 90→ Caravelle 2.0/2.5 Transporter Syncro T4 2.0/2.5 91→ Eng. AAC/AAF/ACU/AEN 1998/2459ccm 62/81kw(84/110PS)	81 4/5										
Golf III GTj Vento GL/G T 2.0 91→ Passat CL/GL/G T 2.0 91→ Passat Variant 2.0 90→ Golf Cabrio 2.0 93→ Eng. ADY 1984ccm 85kw(115PS)	82,5 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	
VOLKSWAGEN												
Golf IV 1.8i 20V Bora 1.8i 20V Eng. AGN Passat 1.8i 20V Eng. AFY, ADR, APT 1781ccm 85/92kw(116/125PS) Passat 2.8i V6 30V Eng. ACK, APR, AMX, BBG, ALG, AQD 2771ccm 140/142kw(190/193PS)	97→ 97→ 96→00 97→05	81 4 82,5 V6	IN EX	V839* * Retainer s.e. 5 mm V840* * Retainer s.e. 3,4 mm	058 109 601C 058 109 611M	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
New Beetle 1.8i 20V Turbo Bora 1.8i 20V Turbo Golf IV 1.8i 20V Turbo Eng. AGU, AUQ, ARZ, AVC, ARX, AUM Passat 1.8i 20V Turbo Eng. AEB, ANB, AWT, APU Sharan 1.8i 20V Turbo Eng. AJH 1781ccm 110/132kw(150/180PS)	99→ 00→05 99→04 96→05 97→	81 4	IN EX	V839* * Retainer s.e. 5 mm V1634* * Retainer s.e. 5 mm	058 109 601C 058 109 611E	26,9x6x105,1 29,9x6x103,9	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,15 6x11,07x36 +0,15	B F B F
Golf IV, Passat 2.3 VR5 20V Bora 2.3 VR5 20V Eng. AGZ 2324ccm 110kw(150PS) 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) 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)	97→ 98→ 95→ 92→ 95→ 92→ 91→ 91→ 94→ 94→ 91→ 97→	81 5 81 6	IN EX	V929 V930	021 109 601H 021 109 611D	39x7x106 34,2x7x107	45 45	3 3	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

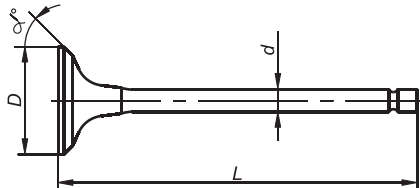
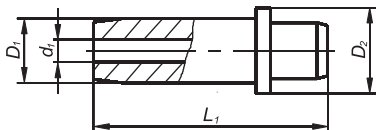
											
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Passat VR5 2.3 20V Eng. AZX 2324ccm 125kw(170PS)	01→	81 5	IN EX	V1217 V1218	022 109 601E 022 109 611C	31x6x102,1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

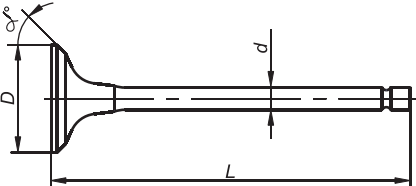
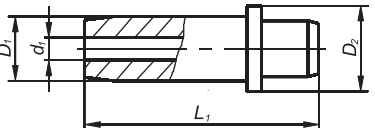
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLKSWAGEN												
Bora 2.0 TFSI 16V	08→	82,5	IN	V2027	06D 109 601M	33,8x6x104	45	3	VV181	058 103 415	6x11,07x36	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)											

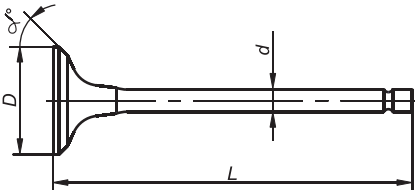
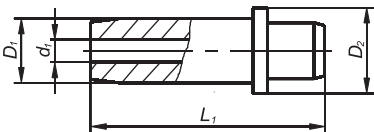
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Golf V 2.0 FSi 16V Touran 2.0 FSi 16V Eng. AXW Golf V 2.0 FSi 16V Jetta 2.0 FSi 16V Passat 2.0 FSi 16V Touran 2.0 FSi 16V Eng. BLR BLX, BLY Golf V 2.0 FSi 16V Passat 2.0 FSi 16V Eng. BVX Golf V 2.0 FSi 16V Jetta 2.0 FSi 16V Passat 2.0 FSi 16V Touran 2.0 FSi 16V Golf Plus 2.0 FSi 16V Eos 2.0 FSi 16V Eng. BVY/BVZ 1984ccm 110kw(150PS)	03-05 03-04 05-07 05→ 05→ 04-05 05-08 05→ 05-08 05-08 05→ 05-07 07-08 06-08	82,5 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
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 NEW	02→ 02→ 02→ 02→ 02→	84 V6	IN IN EX EX	V1685 V1687 V1686 V1688	022 109 601G 022 109 601H 022 109 611N 022 109 611D 022 109 611P 022 109 611M	33,2x6x102,4 33,2x6x136,3 30,2x6x102,3 30,2x6x136,1	45 3 45 3 45 3 45 3	VV512 VV512N VV513 VV513N VV512 VV512N VV513 VV513N	 	6x10,04x44 +0,05 6x10,04x65 +0,05 6x10,04x44 +0,05 6x10,04x65 +0,05	B F B F B F
Phaeton 4.2 32V Touareg 4.2 32V Eng. BGH, BHX, BGJ 4172ccm	03→ 03→	84,5 V8	IN EX	V1137 V1138	077 109 601Q 077 109 611S 077 109 611K	26,9x6x96,5 29,9x6x95	45 3 45 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
Passat 3.2 Fsi 24V Eng. AXZ 3168ccm	05→ 184kw(250PS)	89 6	IN IN EX EX	V1685 V1687 V1686 V1688	022 109 601G 022 109 601H 022 109 611N 03H 109 611D 022 109 611P 03H 109 611E 022 109 611M	33,2x6x102,4 33,2x6x136,3 30,2x6x102,3 30,2x6x136,1	45 3 45 3 45 3 45 3	VV512 VV512N VV513 VV513N VV512 VV512N VV513 VV513N	 	6x10,04x44 +0,05 6x10,04x65 +0,05 6x10,04x44 +0,05 6x10,04x65 +0,05	B F B F B F
Transporter T2 1.7 412.7 Eng. CA/CB 1679ccm	71-73 49kw(66PS)	90 4	IN EX	V1857 V1858	021 109 601 022 109 612D	39,3x8x117 33x9x117	60 3 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 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 28-35-46 2.3 16V Eng. AGL 2295ccm 105kw(143PS)	97→ 4	90,9 4	IN EX	V1229 V1230	00A 109 601A 00A 109 611	35x7x101,5 31x7x103,5	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
Transporter 1.9 Transporter Syncro 1.9 Eng. DF, EY 1913ccm 44kw(60PS)	83→ 85→	94 4	IN EX	V1539 V1540	025 109 601B 025 109 601A 025 109 612B	35,5x8x122,4 30x9x122,7	45 45	3 3	VV281 VV281.1 VV281.2 VV281.3 VV282 VV282.1 VV282.2 VV282.3	113 101 402A 113 101 403A 113 101 405A 021 101 417A	8x14,3/12,07x64 +0,05 +0,15 +0,25 9x14,6/13,07x66,5 +0,05 +0,15 +0,25	B B1 B B6
Caravelle 1.9 Multivan 1.9 Transporter 1.9 "Wasserboxer" Eng. DG/DH/GW 1913ccm 57kw(78PS) Transporter 2.1 "Wasserboxer" Eng. SR, SS 2109ccm 64/68kw(88/92PS) Transporter Syncro 2.1 Eng. DJ, MV 2109ccm 70/82kw(95/112PS)	85-90 82-90 82→	94 4	IN EX	V1113 V1114	025 109 601 025 109 612A	39,9x8x122,4 33,9x9x122,7	45 45	3 3	VV281 VV281.1 VV281.2 VV281.3 VV282 VV282.1 VV282.2 VV282.3	113 101 402A 113 101 403A 113 101 405A 021 101 417A	8x14,3/12,07x64 +0,05 +0,15 +0,25 9x14,6/13,07x66,5 +0,05 +0,15 +0,25	B B1 B B6

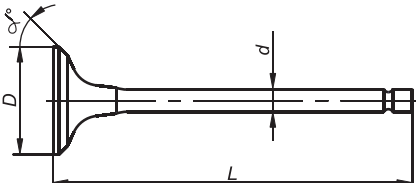
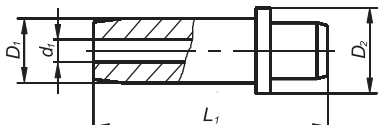
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Polo D 1.3D 86→ Polo C/CL/Coupe 1.3D 86→ Eng. MN 1272ccm 33kw(45PS) Polo CL/GT/Fox Coupe 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
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
								VV151N		+0,05	G
								VV151.1		+0,15	
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
			V713N1		+0,5S			VV76.1		+0,05	G
								VV76.2		+0,15	
								VV76.3		+0,25	
		EX	V714	068 109 611	31x8x104,6	45	1	VV76	056 103 419 A	8x13/12,06x36,5	B
			V714N1		+0,5S			VV76.1		+0,05	G
								VV76.2		+0,15	
								VV76.3		+0,25	

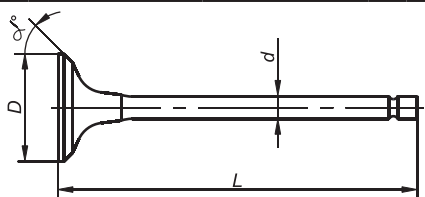
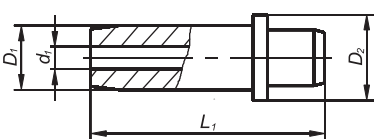
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. αº	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Caddy 1.6D 81-92	76,5	IN	V541	068 109 601C	34x8x104,8	45	3	VV76	056 103 419 A	8x13/12,06x36,5	B
Golf I, Jetta, Passat C/CL/GL 1.6D 81-85	4		V541N		+0,3S			VV76.1		+0,05	G
Santana C/CL/GL 1.6D 81→			V541N1		+0,5S			VV76.2		+0,15	
Eng. CR, JK, JP			V541N3		+0,8S			VV76.3		+0,25	
1588ccm 40kw(54PS)			V541N4		+1,5S						
			V541N5		+1,0S						
Transporter T2 1.6D 81-87		EX	V542	068 109 611C	31,2x8x104,6	45	3	VV76	056 103 419 A	8x13/12,06x36,5	B
Eng. CS			V542N		+0,3S			VV76.1		+0,05	G
Eng. No. F24-B-152582→			V542N1		+0,5S			VV76.2		+0,15	
1588ccm 37kw(50PS)			V542N3		+0,8S			VV76.3		+0,25	
Transporter, T3 Caravele 1.7 D 86-92	79,5		V542N4		+1,5S						
Caravelle 1.7D 86-92	4		V542N5		+1,0S						
Eng. KY											
1715ccm 42kw(57PS)											
Golf II GTD Turbo 1.6 82-85	76,5	IN	V541A	068 109 601D	34x8x104,8	45	3	VV76	056 103 419 A	8x13/12,06x36,5	B
Jetta GTD Turbo 1.6 82-85	4		V541N		+0,3S			VV76.1		+0,05	G
Passat GTD Turbo 1.6 82-85			V541N1		+0,5S			VV76.2		+0,15	
Santana GTD Turbo 1.6 82-85			V541N3		+0,8S			VV76.3		+0,25	
Transporter T3 1.6D Turbo 87→			V541N4		+1,5S						
Eng. CY/JR/JX Turbo			V541N5		+1,0S						
1588ccm 50/52kw(68/70PS)		EX	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	
			V542N4		+1,5S						
			V542N5		+1,0S						
Santana 1.6D 82→	76,5	IN	V543	068 109 601L	34x8x95,1	45	3	VV76	056 103 419 A	8x13/12,06x36,5	B
Golf II C/CL/GL 1.6D 85→	4		V543N		+0,3S			VV76.1		+0,05	G
Caddy 1.6D 82-92			V543N1		+0,5S			VV76.2		+0,15	
Jetta C/CL/GL 1.6D 85→			V543N3		+0,8S			VV76.3		+0,25	
Passat C/CL/GL 1.6D 85→			V543N4		+1,5S						
Eng. JP/JK/ME/MF/CR/RA/SB			V543N5		+1,0S						
1588ccm 40kw(54PS)		EX	V544	068 109 611L	31,2x8x95,1	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	
			V544N4		+1,5S						
			V544N5		+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	
VOLKSWAGEN DIESEL												
Golf II GTD Turbo 1.6	85-86	76,5	IN	V543A	068 109 601M	34x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Jetta GTD Turbo 1.6	85-86	4			068 109 601N				VV76.1		+0,05	G
Passat GTD Turbo 1.6	85-86			V543N		+0,3S			VV76.2		+0,15	
Santana GTD Turbo 1.6	85-86			V543N1		+0,5S			VV76.3		+0,25	
Eng. CY/JR/JK/JP Turbo				V543N3		+0,8S						
1588ccm	51kw(70PS)			V543N4		+1,5S			VV80	049 103 419	8x12,06x42,5	B
				V543N5		+1,0S			VV80.1		+0,05	F
Golf II 1.6 TD	89→								VV80.2		+0,15	
Jetta 1.6 TD	89→								VV80.3		+0,25	
Passat 1.6 TD	88→											
Eng. RA/SB MF, ME 1V Turbo			EX	V544A	068 109 611M	31,2x8x95	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
1588ccm	51/59kw(70/80PS)				069 109 611				VV76.1		+0,05	G
				V544N		+0,3S			VV76.2		+0,15	
				V544N1		+0,5S			VV76.3		+0,25	
				V544N3		+0,8S						
				V544N4		+1,5S			VV80	049 103 419	8x12,06x42,5	B
				V544N5		+1,0S			VV80.1		+0,05	F
									VV80.2		+0,15	
									VV80.3		+0,25	
LT 28D/31D/35D/40D 2.4D	78-81	76,5	IN	V800	069 109 601	36x8x104,8	45	1	VV76	056 103 419A	8x13/12,06x36,5	B
LT 45D/50D 2.4D	78-93	6							VV76.1		+0,05	G
Eng. CP/DW									VV76.2		+0,15	
2383ccm	55kw(75PS)								VV76.3		+0,25	
			EX	V714	068 109 611	31x8x104,6	45	1	VV76	056 103 419A	8x13/12,06x36,5	B
				V714N1		+0,5S			VV76.1		+0,05	G
									VV76.2		+0,15	
									VV76.3		+0,25	
LT 28D/31D/35D/40D 2.4D	81→	76,5	IN	V756	069 109 601C	36x8x104,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
LT 45D/50D 2.4D	81→	6			069 109 601D				VV76.1		+0,05	G
Eng. CP				V756N1		+0,5S			VV76.2		+0,15	
2383ccm	55kw(75PS)			V756N3		+1,0S			VV76.3		+0,25	
Caravelle 1.7D	87→	79,5	EX	V542	068 109 611C	31,2x8x104,6	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Transporter T3 1.7D	87→	4	EX	V542A	068 109 611D	31,2x8x104,6	45	3	VV76.1		+0,05	G
Eng. KY				V542N		+0,3S			VV76.2		+0,15	
1715ccm	42kw(57PS)			V542N1		+0,5S			VV76.3		+0,25	
				V542N3		+0,8S						
				V542N4		+1,5S						
				V542N5		+1,0S						

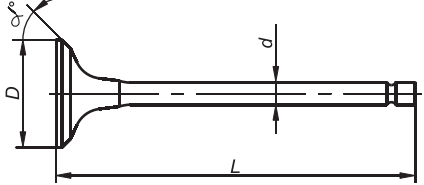
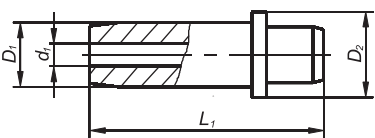
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Golf V PD 2.0 TDi 16V 04→ Jetta PD 2.0 TDi 16V 05→ Touran PD 2.0 TDi 16V 04→ Eng. BKD,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

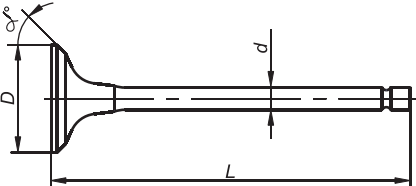
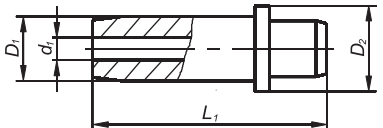
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
LT 28/31/35/45/50/55 2.4D LT 40 4x4/LT 45 4x4 2.4D Eng. DW/1S Up to Eng. 1Y 580 000 LT 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
			EX	V544 V544N V544N1 V544N3 V544N4 V544N5	068 109 611L 	31,2x8x95 +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
LT 28/31/35/45/50/55 2.4TD LT 40 4x4/LT, 45 4x4 2.4TD Eng. DV/1G Turbo Diesel 2383 ccm 68/75kw(93/102PS)	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
			EX	V544A V544N V544N1 V544N3 V544N4 V544N5	068 109 611M 069 109 611 	31,2x8x95 +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
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 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 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*	059 109 601F	27,1x6x100,6	45	3	VV272		6x10,07x42	B	
				* Retainer	s.e. 8,5 mm				VV272N		+0,05	F	
									VV272.1		+0,15		
									VV392		6x10,07x36	B	
			EX	V1278*	059 109 611G/F	24,1x6x100,6	45	3	VV272		6x10,07x42	B	
				* Retainer	s.e. 8,5 mm				VV272N		+0,05	F	
									VV272.1		+0,15		
									VV392		6x10,07x36	B	
									VV392.1		+0,05	F	
Polo 1.2 TDI Eng. CFWA 1199ccm NEW	09→	79,5 3	IN	V2029	03L 109 601A	26,55x6x99,25	45	3					
				EX	V2030	03L 109 611A	24,45x6x99,1	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 NEW	09→	79,5 4	IN	V2029	03L 109 601A	26,55x6x99,25	45	3					
	09→												
	11→			EX	V2030	03L 109 611A	24,45x6x99,1	45	3				
	10→												
	09→												
	10→												

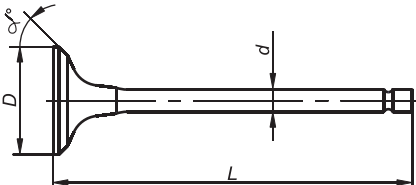
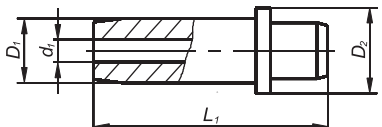
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Passat 1.9D Polo 1.9D Golf, Vento CL/GL 1.9D Vento 1.9D Golf III Ecomatic, Variant 1.9D 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 									

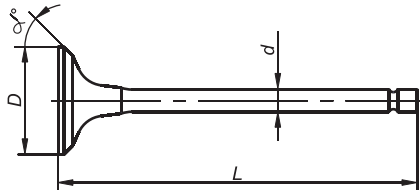
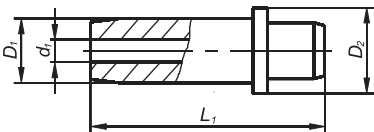
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Transporter 1.9D	90→	79,5	IN	V697	069 109 601F	36x8x95,1	45 3	VV76	056 103 419A	8x13/12,06x36,5	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			EX	V544	068 109 611L	31,2x8x95	45 3	VV76	056 103 419A	8x13/12,06x36,5	B
2370 ccm	57kw(82PS)			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	
Camper T4 1.9 TD	95→		EX	V698	074 109 611	31,2x8x95,1	45 3	VV76	056 103 419A	8x13/12,06x36,5	B
Caravelle GL T4 1.9 TD	95→			V698N1		+0,5S		VV76.1		+0,05	G
Combi T4 1.9 TD	95→			V698N3		+0,8S		VV76.2		+0,15	
Sharan 1.9 TD	94→							VV76.3		+0,25	
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					

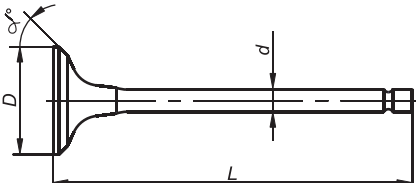
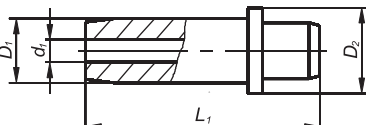
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Lupo 1.2 TDI Eng. ANY, AYZ 1191ccm	99→ 45kw(60PS)	76,5 4	IN	V919 V919N1 V919N3	038 109 601 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									

	CYL. Ø 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											
Taureg 2.5 TDi 03→ Eng. BAC 2461ccm 128kw(174PS)	81 5	IN	V919	038 109 601 B	36x7x90	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B
			V919N1		+0,5S			VV151N		+0,05	G
			V919N3		+1,0S			VV151.1		+0,15	
								VV289		7x12,07x31,5	B
Phaeton 5.0 TDi 20V Taureg 5.0 TDi 20V Eng. AJH, AYH, BLE, BWF 4921ccm 230kw(310PS)	81 V10	EX	V920	038 109 611 B	31,5x7x90	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B
			V920N1		+0,5S			VV151N		+0,05	G
			V920N3		+1,0S			VV151.1		+0,15	
								VV289		7x12,07x31,5	B
		EX	V1832	038 109 611 F	31,5x7x89,5	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B
								VV151N		+0,05	G
								VV151.1		+0,15	
								VV289		7x12,07x31,5	B
								VV289N		+0,05	F
								VV151	037 103 419 B	7x13/12,07x36,5	B
								VV151N		+0,05	G
								VV151.1		+0,15	
								VV289		7x12,07x31,5	B
								VV289N		+0,05	F
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	45	3	VV76	056 103 419 A	8x13/12,06x36,5	B
			V821N1		+0,5S			VV76.1		+0,05	G
								VV76.2		+0,15	
								VV76.3		+0,25	
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	45	3	VV76	056 103 419 A	8x13/12,06x36,5	B
			V822N1		+0,5S			VV76.1		+0,05	G
								VV76.2		+0,15	
								VV76.3		+0,25	
LT 28, 35, 46 2.5TDi 01→ Eng. BBE, BBF 2461ccm 61/70kw(83/95PS)											

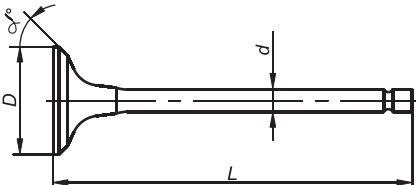
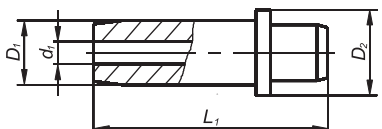
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Caddy 1.9 SDI 95→	79,5	IN	V831	028 109 601J	36x7x96,5	45	3	VV151	037 103 419 B	7x13/12,07x36,5	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 55/66kw(90/110PS)											

	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 DIESEL											
Caddy 1.9TDI Sharan, Golf 1.9 TDI Diesel Beetle 1.9TDI Passat 1.9 TDI Vento 1.9 TDI Eng. AHU Turbo Polo Classic/Variant 1.9 TDI Eng. AHU/ALE Caddy 1.9 TDI Golf IV 1.9 TDI Eng. ALE Turbo New Beetle 1.9 TDI Bora 1.9 TDI Polo 1.9 TDI Golf IV 1.9 TDI Jetta 1.9 TDI Eng. ALH Turbo 1896 ccm 66kw(90PS) Polo 1.9 TDI Golf IV 1.9 TDI Vento 1.9 TDI Golf Cabriolet 1.9 TDI Passat 1.9 TDI Sharan 1.9 TDI Eng. AFN AVG Turbo Bora 1.9 TDI Golf 1.9 TDI Eng. AHF Turbo 1896 ccm 81kw(110PS)	96-00 96→ 98→ 96→ 96→ 97→ 97→ 98→ 98→ 99→ 97→ 00→ 1896 ccm 66kw(90PS) 98→ 96-98 97→ 97→ 96→ 96→ 98→ 97→ 96→ 96→ 98→ 97→ 1896 ccm 81kw(110PS)	79,5 4 									

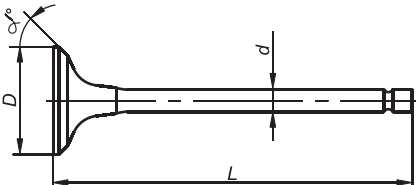
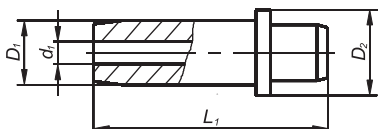
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLKSWAGEN DIESEL												
Cady 1.9TDI	04→	79,5	IN	V1663	038 109 601E	36x7x89,5	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B
Bora 1.9TDI	04-08	4		V1663N1		+0,5S			VV151N		+0,05	G
Golf IV 1.9TDI	01-06								VV151.1		+0,15	
Golf V 1.9TDI	04→											
Jetta 1.9TDI	05→		EX	V1664	038 109 611E	31,5x7x89	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B
Multivan T5 1.9TDI	06-07			V1664N1		+0,5S			VV151N		+0,05	G
New Beetle 1.9TDI	03→								VV151.1		+0,15	
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)											
Cady 2.0SDI	04-08	81										
Eng. BDJ, BST		4										
1968ccm	51kw(69PS)											
Cady 2.0TDI	04-08											
Golf V 2.0TDI	04→											
Jetta 2.0TDI	05→											
Passat 2.0TDI	03-05											
Sharan 2.0TDI	05-08											
Touran 2.0TDI	05-08											
Eng. BGW, BMM, BHV, BRT, BVH												
1968ccm	100/103kw(136/140PS)											
Touareg 5.0TDI	04→	81										
Eng. BLE		10										
4921ccm	230kw(310PS)											
Passat 2.0TDI	09→											
Eng. BMP												
1968ccm												

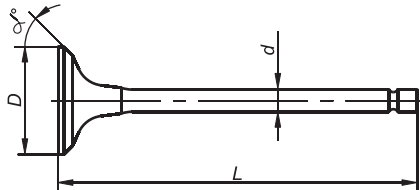
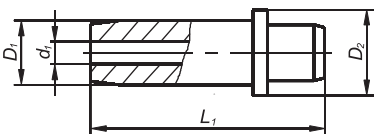
	CYL. Ø №	IN EX										
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLKSWAGEN DIESEL												
Golf III/Variant, Vento 1.9D Eng. 1Y Vento , Caddy, Polo 1.9D Golf III, Passat1.9D Eng. 1Y No.580 001→ Caddy Pick-up 1.9D Polo 1.9D Eng. AEF 1896 ccm 47kw(64PS)	96→ 98→ 98→ 96→ 96→	79,5 4	IN EX	V805 V805N1 V806 V806N1	028 109 601B 028 109 601C 028 109 611E	36x7x95,5 +0,5S 31,1x7x95,6 +0,5S	45 45	3 3	VV151 VV151N VV151.1 VV151 VV151N VV151.1	037 103 419 B 037 103 419 B	7x13/12,07x36,5 +0,05 +0,15 7x13/12,07x36,5 +0,05 +0,15	B G B G
Golf III 1.9 TDI Variant Vento 1.9 TDI Eng. AAZ/ABL 1896 ccm 50/66kw(68/90PS)	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 90/100/103kw	04→ 04→ 05→ 05→	81 4	IN EX	V1607 V1608	03G 109 601B 03G 109 611D	29,2x6x87,8 25,4x6x87,5	45 45	3 3	VV272 VV272N VV272.1 VV215 VV272 VV272N VV272.1 VV216	 	6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5 6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G B F B G
New Beetle 2.0D Eng. BEW 1996 ccm	05→	81 4	IN EX	V1691 V1692	038 109 601F 038 109 611G	36x7x88,8 31,5x7x88,4	40 40	3 3	VV151 VV151N VV151.1 VV151 VV151N VV151.1	037 103 419 B 037 103 419 B	7x13/12,07x36,5 +0,05 +0,15 7x13/12,07x36,5 +0,05 +0,15	B G B G

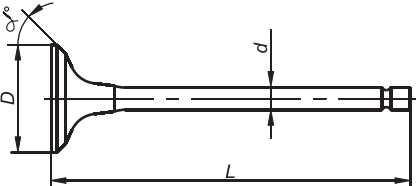
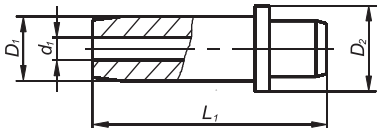
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN DIESEL											
Golf VI 2.0TDi 16V Passat 2.0TDi 16V Passat CC 2.0TDi 16V Sciroco 2.0TDi 16V Tiguan 2.0TDi 16V Eng. CBBB, CBAA, CBAB 1968 ccm	08→ 05→ 08→ 08→ 07→	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			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
Pheaton 3.0 TDi 24V Eng. BMK Toureg 3.0 TDi 24V Eng. BKS 2967ccm 165kw(224PS) Toureg 3.0 TDi Eng. BUN 2967ccm 155kw(211PS) Pheaton 3.0 TDi 24V Eng. CARA 2967ccm 171kw(233PS) Toureg 3.0 TDi 24V Eng. CASA/CASB 2967ccm 176/155kw(240/211PS) Toureg 3.0 TDi 24V Eng. CARA/CASE 2967ccm 171/176kw(233/240PS) Toureg 3.0 TDi 24V Eng. CATA 2967ccm 165kw(224PS) Toureg 3.0 TDi 24V Eng. CASA 2967ccm 176kw(240PS)	04-07 04-08 06-07 07-08 07→ 08→ 09→ 10→	83 6	IN EX	V1609 V1610	059 109 601G 059 109 611H 059 109 611K 059 109 611M	28,6x6x99,3 26,8x6x99,2	45 3 45 3	VV392 VV392.1 VV392 VV392.1		6x10,07x36 +0,05 6x10,07x36 +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		
VOLKSWAGEN DIESEL													
LT 28D/31D/35D 2.7D Eng. Perkins 4.165 2710 ccm 48kw(65PS)	75→	92	IN	V877	061 109 601	40,5x8x114,6	45	1					
		4	EX	V878	061 109 611	35,5x8x114,5	60	1					
Taro Pick up 4x4 2.4D Eng. 2L Toyota 2446ccm 58kw(79PS) 97-02	89→	92	IN	V1387	J13711-54020	42,5x8x103,5	45	1	VV320 VV320N	11122-67020	8x13,05x42 +0,05	G P	
		4	EX	V1484	J13715-54040	36x8x103,3	45	1					
			IN	V1583	13711-54010	42,6x8,5x123	45	3	VV320 VV320N	11122-67020	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	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	
		4											
LT 28 2.8TDi 12V Eng. AUH, BCQ 2798ccm 116kw(158PS)	02-06		EX	V1194	062 109 611A	40x7x105	45	3	VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5 +0,05 +0,15	B G	
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	VV268 VV268N VV268.1	611 053 0329	7x12,56x37,5 +0,05 0,20	G F
LT 28-46 2.5TDi Eng. APA, ANJ, AVR, BBF, BBF 2461ccm 61/66/70/80kw	99→												
LT 28-46 2.8TDi Eng. AGK, ATA, AUH, BCQ 2461ccm 61/70/92/116kw	97→												

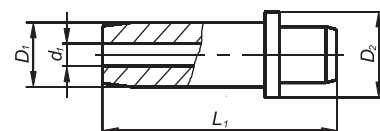
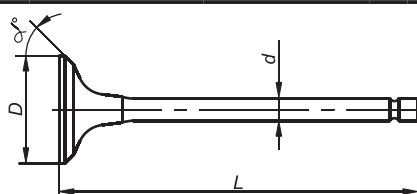
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLVO												
66 L/DL 1.1 Eng. B10E 1108ccm 33kw(45PS)	75-81	70 4	IN	V581	3104401-9	33,5x7x89,8	45	1	VV122 VV122.1 VV122.2 VV122.3	3102891-3 3102890-5	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	29x7x88,9	45	2	VV122 VV122.1 VV122.2 VV122.3	3102891-3 3102890-5	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										
343 DL/L 1.4 345 DL/L 1.4 Eng. B14 1397 ccm 47kw(67PS)	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	29x7x88,9	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→											

	CYL. Ø 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 55/60kw(75/110PS)	85→ 85→	81 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	
VOLVO												
850 GLT 2.4i 20V C70, S70, V70 2.4i 20V S80 2.4i 20V Eng. B5254 S 2435ccm 125kw(170PS)	91→96 97→ 99→	83 5	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 2.4i 20V Turbo C70, S70, V70 2.4i 20V Turbo XC70 2.4i 20V Turbo Eng. B5254 T 2435ccm	96→ 97→ 97→		EX	V764	1366882-7 1366490	27x7x103,3	45	3	VV324 VV324N	1270391	7x11,99x45 +0,05	G F
V50 2.5i 20V Turbo Eng. B5254 T3 2521ccm	04→											
960 3.0i 24V S80 3.0i 24V S90/V90 3.0i 24V Eng. B6304 S/S2 2922ccm 150kw(204PS)	96→ 98→ 97→	83 V6										
S60, S80, V70 2.0i 20V Turbo Eng. B5204 T5 1984ccm 132kw(180PS)	01→	81 5	IN	V1257	9454607	31x6x104,3	45	3	VV467		6x12,00x45	G F
850 2.3i 20V Turbo S60 2.3i 20V Turbo S70/V70 2.3i 20V Turbo Eng. B5234 T3 2319ccm 177kw(240PS)	93→97 00→ 97→		IN	V1633	9454608	32x6x104,3	45	3	VV467		6x12,00x45	G F
S60,S80, V70 2.4i 20V Turbo XC70/XC90 2.4i 20V Turbo Eng. B5244 T 2435ccm 184kw(250PS)	00→ 03→	83 5	EX	V1258	9454610	27x6x103,3	45	3	VV467		6x12,00x45	G F
V50 2.5i 20V Turbo XC90 2.5i 20V Turbo Eng. B5254 T3 2521ccm 125kw(170PS)	04→ 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
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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 XC90 2.9i 24V Turbo Eng. B6294 T6 2922ccm 150kw(204PS)	02-05 03-05										
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 S40 1.8i 16V V50 1.8i 16V Eng. B4184S11 Ford 1798ccm 92kw(125PS)	04→ 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 S40 2.0 16V V50 2.0 16V Eng. B4204S 1999ccm 92/100/103/107kw	06→ 04→ 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
240 2.7i 260 2.7i 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				
260 2.8i Eng. B28 A/F 2849ccm 97kw(132PS)	79-86	91 6									
Eng. B28 E 2849ccm 100/114kw(136/155PS)											

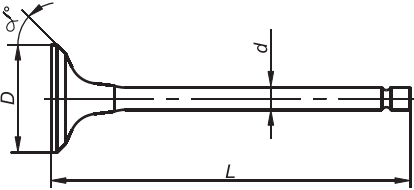
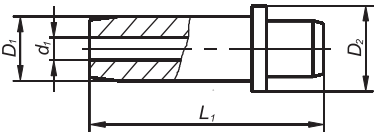
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO											
740 GLT 2.0 16V 940 2.0 16V 960 2.0 16V Eng. B204E 1986 ccm 100kw(136PS)	88→ 90→ 90→	89 4	IN EX	V1119 V1120	1378473-1 1378474-9 3514491-4	32,5x7x122,5 29,5x7x122,3	45 45	3 3			
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)	89→ 91→ 91→										
240 2.3 740, 760 2.3 Eng. B230K 2316ccm 85kw(116PS)	85→ 85→	96 4	IN EX	V1349 V1350	1336290-0 1336291-8	44x8x119,6 35x8x119,9	45 45	3 3			
740 GLT 2.3 16V 940 GLE 2.3 16V Eng. B234F 2316ccm 114/117kw(155/159PS)	88→ 90→	96 4	IN EX	V1227 V1228	1317793-6 1317792-8	34,5x7x122,5 31,5x7x122,3	45 45	3 3			
VOLVO DIESEL											
V50 1.6 TDi 16V S40 1.6 TDi 16V Eng. DV6 TED4, D4164T 1560ccm 80kw(109PS)	04→ 04→	75 4	IN EX	V1493 V1494	30711498 30711497	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
S60 1.6 Drive V60 1.6 Drive C30 1.6 D2 S40 1.6 D2 V40 1.6 D2 V70 1.6 D2 S80 1.6 D2 1560ccm NEW	11→ 10→	75 4	IN EX	V2049 V2050	31330181 31330182	30,15x5,5x95,6 27,5x5,5x95,5	45 45	3 3	VV399 VV399N VV399 VV399N	5,5x9,56x34 +0,05 5,5x9,56x34 +0,05	G A G A

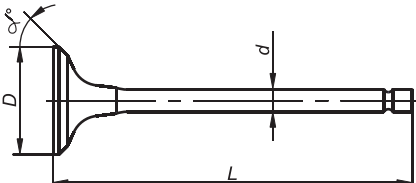
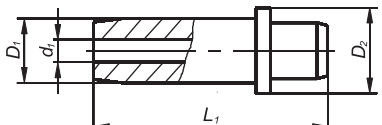


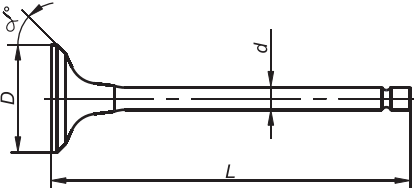
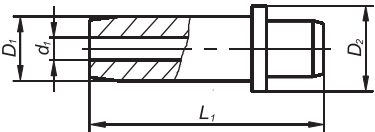
	CYL. Ø N _ø	IN EX										
			AV REF.	ORIGINAL PART N _ø	DIMENSIONS D x d x L	ANG. α°	ST. END					
1	2	3	4	5	6	7	8					

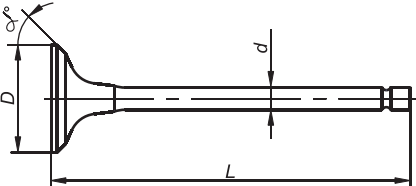
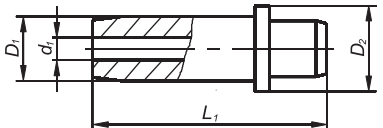
VOLVO DIESEL

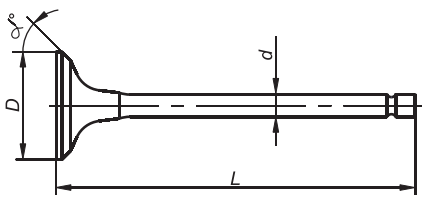
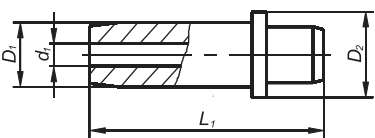
240, 244, 245 GLD Prima 2.4 D 740, 940, GLD 2.4D Eng. D24 2383 ccm	79–81 82→	76,5 6	IN	V800	1257053 069 109 601	36x8x104,8	45	1	VV76 VV76.1 VV76.2 VV76.3	1257613	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
			EX	V714 V714N1	1257054 068 109 611	31x8x104,6 +0,5S	45	1	VV76 VV76.1 VV76.2 VV76.3	1257613	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
760 2.4 TD Eng. D24T Turbo 2383ccm	83–85 80/95kw(109/129PS)	76,5 4	IN	V541A V541N V541N1 V541N3 V541N4 V541N5	068 109 601D	34x8x104,8 +0,3S +0,5S +0,8S +1,5S +1,0S	45	3	VV76 VV76.1 VV76.2 VV76.3	1257613	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
740 GLE 2.4 TD 760 GLE 2.4 TD Eng. DV Turbo 2383ccm	82–85 82–85 75/80kw(102/109PS)		EX	V542A V542N V542N1 V542N3 V542N4 V542N5	068 109 611D 1389262–5	31,2x8x104,6 +0,3S +0,5S +0,8S +1,5S +1,0S	45	3	VV76 VV76.1 VV76.2 VV76.3	1257613	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
240 GL 2.4D 244 GL 2.4D 245 GL 2.4D 720 GL 2.4D 740 GL 2.4D 760 GL 2.4D 940 GL 2.4D Eng. D24 2383 ccm	81→ 81–85 81–85 81→ 85→ 85→ 85→ 61kw(82PS)	76,5 6	IN	V756 V756N1 V756N3	1328088–8 069 109 601C	36x8x104,9 +0,5S +1,0S	45	3	VV76 VV76.1 VV76.2 VV76.3	1257613	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
740 GL 2.4D 760 GL 2.4D 780 GLE 2.4TD 940 GLE 2.4TD 960 GLE 2.4TD Eng. D 24 T Turbo 2383 ccm	85→ 85→ 85→ 90→ 90→ 81/85kw(110/160PS)		EX	V542 V542N V542N1 V542N3 V542N4 V542N5	1328089–6 068 109 611C	31,2x8x104,6 +0,3S +0,5S +0,8S +1,5S +1,0S	45	3	VV76 VV76.1 VV76.2 VV76.3	1257613	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G

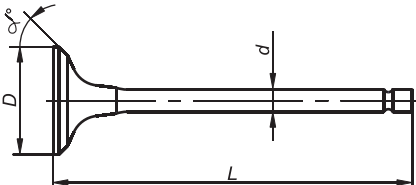
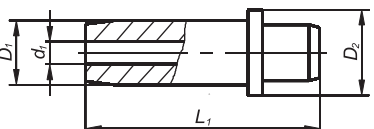
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO DIESEL											
740 GLE 2.4 TD 760 GLE 2.4 TD 780 2.4 TD 940 GLE 2.4 TD 960 GLE 2.4 TD 980 GLE 2.4 TD Eng. D 24 TIC Turbo Intercooler 2383 ccm 60/90kw(82/122PS)	85→ 85→ 85→ 90→ 90→ 90→	76,5 6	IN	V756A V756N1 V756N3	1389261-7 1328147-2 	36x8x104,9 +0,5S +1,0S	45 3	VV76 VV76.1 VV76.2 VV76.3	1257613	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
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	069 109 601H 069 109 601G 	36x8x95,1 +0,5S +1,0S	45 3	VV76 VV76.1 VV76.2 VV76.3	1257613	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
940 GLE 2.4 TD 960 GLE 2.4 TD Eng. DV Turbo 2383ccm 75/80kw(102/109PS)	90→ 90→		EX	V544A V544N V544N1 V544N3 V544N4 V544N5	068 109 611M 069 109 611 	31,2x8x95 +0,3S +0,5S +0,8S +1,5S +1,0S	45 3	VV76 VV76.1 VV76.2 VV76.3	1257613	8x13/12,06x36,5 +0,05 +0,15 +0,25	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										

	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
VOLVO DIESEL											
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	7x12,06x38,3 +0,05	B F
			EX	V952	30889403 7701 471 703 7700 110 389	32,6x7x110,8	45	1	VV182 VV182.1	7x12,06x38,3 +0,05	B F
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	IN	V1057	3345515 30852144	35x8x110,5	45	1	VV146 VV146.1 VV146.2	8x13,06x39 +0,05 +0,20	B F
			EX	V1058	3345516	31,5x8x110,5	45	1	VV146 VV146.1 VV146.2	8x13,06x39 +0,05 +0,20	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	IN	V1617	8631650	28,8x6x98,1	45	3	VV467	6x12,00x45	G F
			EX	V1618	8631651	26,2x6x97,8	45	3	VV467	6x12,00x45	G F
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	IN	V821	046 109 601 H 1669766	36x8x96,8	45	3	VV76 VV76.1 VV76.2 VV76.3	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
			EX	V822 V822N1	046 109 611 F 1669772	31,5x8x96,9 +0,5S	45	3	VV76 VV76.1 VV76.2 VV76.3	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G

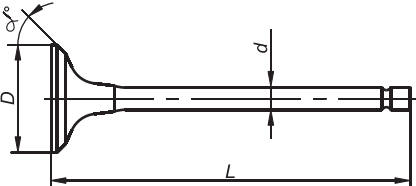
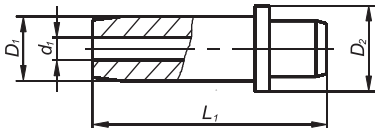
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO DIESEL											
C70 2.0TD	08→	85	IN	V1179	8653745	29,8x6x105	45 3	VV378	0220.A2	6x10,06x41,5	G
S40 2.0TD	04→	4						VV378.1		+0,05	A
V50 2.0TD	04→										
V70 2.0 Combi	07→		EX	V1180	8653744	25x6x105	45 3	VV378	0220.A2	6x10,06x41,5	G
Eng. D4204T								VV378.1		+0,05	A
1997ccm	94/103kw(128/140PS)										
VOLVO INDUSTRIAL AND COMMERCIAL											
FL 4 FL 408	86-89	92	IN	V2167	838637	39x8x126,5	60 1				
ENG. TD 41 G		6									
3590 ccm	82-91kw(111-124PS)		EX	V2168	838638	37x8x126,5	45 1				
ENG. D60	75→	98,42	IN	V767	420553-0	41x8x145,3	60 11	VV124	465157-6	8x16,02x64,5	G
BIF 609		6			3825723						F
F611											
5480 ccm	85/88kw(115/120PS)		EX	V768	465549-4	37x8x145,3	45 11	VV124	465157-6	8x16,02x64,5	G
					8192143						F
ENG. TD 60 Turbo	75-78										
F613			IN	V1259	465281	41x8x145,3	60 1	VV124	465157-6	8x16,02x64,5	G
5480 ccm	125/132kw(170/180PS)										F
ENG. TD 61 Turbo	85→		EX	V1260	465282	37x8x145,3	45 1	VV124	465157-6	8x16,02x64,5	G
FL614											F
5480 ccm	148kw(200PS)										
ENG. TD 61 F/G Turbo	85→										
FL 608/613/614/617											
5480 ccm	112/152kw(152/207PS)										
ENG. D6A/TD63E/ES Turbo	91→	98,42	IN	V767	420553-0	41x8x145,3	60 11	VV124	465157-6	8x16,02x64,5	G
FL 610/611/613/614		6			3825723						F
6370 ccm	106/111kw(144/150PS)		EX	V768	465549-4	37x8x145,3	45 11	VV124	465157-6	8x16,02x64,5	G
					8192143						F
ENG. D6B	00→										
180/220/250											
FL 180-FL6E/H			IN	V1259	465281	41x8x145,3	60 1	VV124	465157-6	8x16,02x64,5	G
5480 ccm											F
			EX	V1260	465282	37x8x145,3	45 1	VV124	465157-6	8x16,02x64,5	G
											F

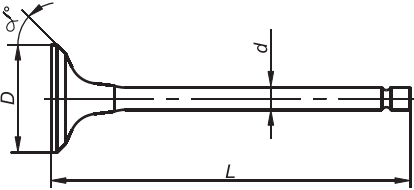
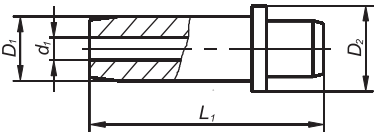
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO INDUSTRIAL AND COMMERCIAL											
F82/F83 Eng. D39 3864 ccm 59kw(80PS)	75-86	98,48 4	IN	V199	44,3x9,5x122,9	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						
F406/F407 Eng. 4.236 3864 ccm 48/60kw(59/80PS)	75-86		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						
			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						

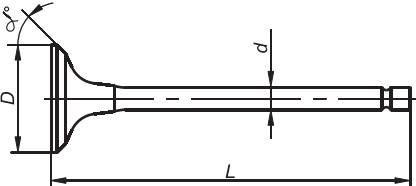
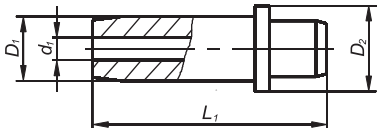
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO INDUSTRIAL AND COMMERCIAL											
ENG. TD 70E/F/G/H ENG. TD 70 Turbo B57 F7/86 TF 86/86T TN 7 86 DTC 6730 ccm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

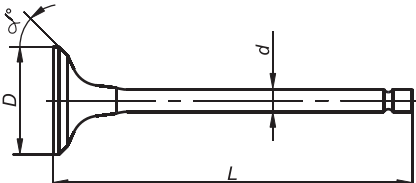
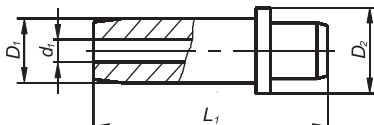
												
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLVO INDUSTRIAL AND COMMERCIAL												
Bus 5000 Bus 7000 Eng. D7 C 215/250/290 Euro 2 Bus 8700 Eng. D7 C 310 Euro 2 B 7L 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 NEW	06→	108 6	IN EX	V2155 V2156	20833932 20980413 20833936 20997871	38,2x8x145,7 35,8x8x145,8	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	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

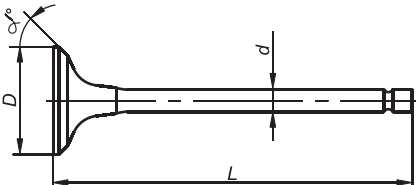
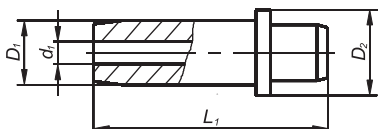
	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO INDUSTRIAL AND COMMERCIAL											
Bus 7700 Eng. D9 B 260, D9 B 310 D9 B 360 Euro 4/5 FM300, FM340, FM380 05→ FM360 Eng.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

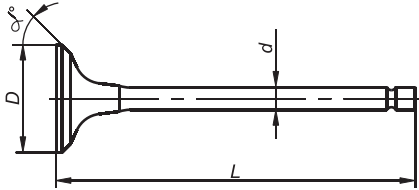
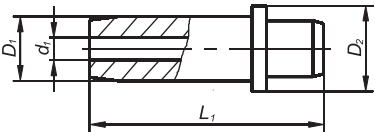
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO INDUSTRIAL AND COMMERCIAL											
ENG. THD 102 KF- Turbo 91→ B10 R/M 9599 ccm 180/210kw(245/280PS) ENG. TD 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) NEW	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→	131 6	IN	V1303 1547492 3169490	40x8x192	60	11	VV487 VV487N	3183283	8x15x83,4 +0,05	G F
			EX	V1304 8148574 20441486 3165234	40x8x191,7	45	1	VV487 VV487N	3183283	8x15x83,4 +0,05	G F
FM Eng. D13 24V Euro 4 A360/B360/400/440/500 12800ccm 264/368kw(360/500PS)	07→	131 6	IN	V1853 20712128 20740798 20561995	42x8x192	65	3	VV494 VV494N	20904074	8x15x83,4 +0,05	G F1
			EX	V1854 20768506 20768519	40x8x191,7	50	3	VV494 VV494N	20904074	8x15x83,4 +0,05	G F1
Eng. D13 24V Euro 4/5 A400/440/480/520 12800ccm 294/382kw(400/520PS)	05→										
FH16 550 FH16 610 Eng. D16C 16123ccm	02→	6	IN	V1807 20735572 24426433	49x10x192,9	65	11	VV567	20916916 20562837	10x16x83,4	G F
			EX	V1808 20513285	46x10x191,4	45	1	VV567	20916916 20562837	10x16x83,4	G F
ENG. TD 162 Turbo F16 16121ccm 342kw(466PS)	87→	142 6	IN	V1197 1556472 1543026	47x9,5x176,8	60	1				
			EX	V1198 1556473 1543027	45x9,5x176,9	45	1				
ENG. TD 163 ES Turbo F16 16121ccm 370kw(503PS)	91→	144 6									
ENG. D16A Turbo 24V FH16-470/520 16100ccm 346/382kw(470/520PS)	91→	142 6									

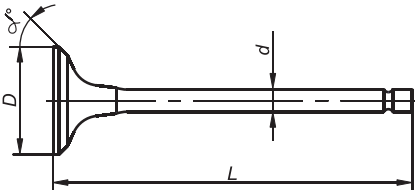
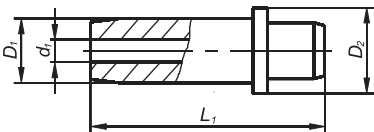
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO-BM											
ZL 402 Eng. F 3L 1011 F Euro 1 2049ccm 28/33kw(38/45PS)	97→	91 3	IN	V1261 V1261N	40,1x8x124,7 +0,2d	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 T 680 T 810 T 814 Eng. TD 60 A 5480ccm 108/132kw(147/180PS)	→70										
DR 861 T 861 4400 2650/2654 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 Eng. TD 61 A 5480ccm 103/150kw(140/204PS)	86→										
L 90 Eng. TD 61 G/G8 5480ccm 108/126kw(147/171PS)	91-95										

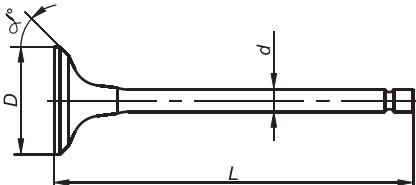
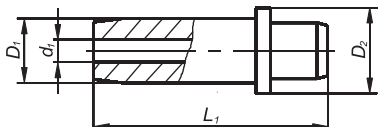
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _º	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _º	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLVO-BM												
L 30 Eng. 4.236 3864ccm 48/60kw(59/80PS)	87-95 4	98,48	IN	V199		44,3x9,5x122,9	45	1	VV01		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						

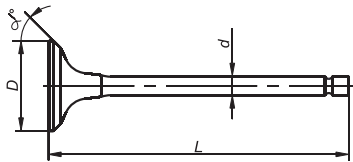
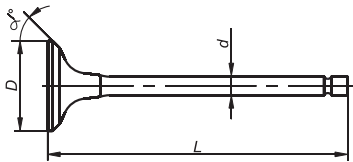
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
VOLVO-BM												
MC 110/80/90 Eng. 1004-42 3990ccm 64kw(87PS)	03-05 	100 4	IN	V1587		45x9x124,1	45	1	VV303		9x13,05x51,3	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→ 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→ 79-85 79-86 86-01 86→ 	101,78 6	IN	V1087 V1087N3		43x11x148,5 +1,0S	60	1	VV229 VV229N		11x18x66 +0,05 	

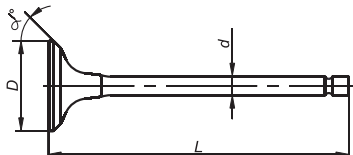
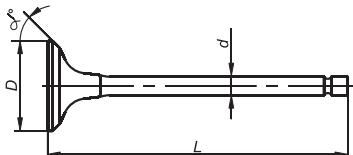
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO-BM											
Eng. TD 100A 9600ccm 72-84 154/188kw(210/265PS)	120,65 6	IN	V463		50x11x167,2	60	1	VV13		11x18x82	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)											
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
750 S 850 S Eng. 100. G. 000 843 ccm 64-70 25kw(34PS)	65 4	IN	V254	700 010	28,5x7x96	45	5				
		EX	V255	700 011	26x7x96	45	5				

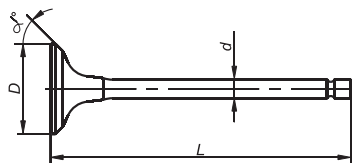
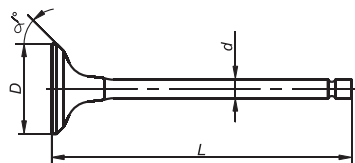
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ZASTAVA											
YUGO 45, 55, 65 0.9 Eng. 100. GLO64 903 ccm 33kw(45PS)	80→ 65 4	IN	V257	4 265 695	29x7x95,3	45	1	VV70 VV70.1 VV70.2 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
YUGO 45, 55, 65 1.1 Eng. 11E1.064 1108 ccm 44kw(60PS)	80→ 70,8 4	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 44kw(60PS)	04→ 70,8 4	IN	V1555	55194993	31,9x5x98,4	45	3	VV377 VV377.1 VV377.2	55190559 55190560 55190560	5x10,06x44 +0,03 +0,23	G F
		EX	V1556	55194994	27,3x5x98,7	45	3	VV377 VV377.1 VV377.2	55190559 55190560 55190560	5x10,06x44 +0,03 +0,23	G F
Fiat 126 P 650 ccm 18kw(24PS)	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 41/44kw(55/60PS)	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

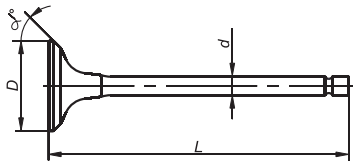
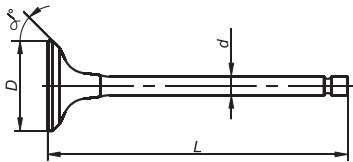
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12
ZASTAVA											
Florida 1.4 88→ Eng. M020 AA.13.0, 160 A1.000 1372 ccm 52kw(71PS)	80,5 4	IN	V411	7 609 772	37,5x8x108,5	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

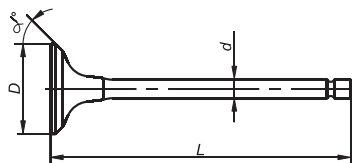
												
	CYL. Ø №	IN EX	AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x D ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
ZETOR												
ENG. 2001 Tractor 2011, 2013, 2017, 2023, 2511 1560 ccm 16kw(22PS)	60-77 2	95 2	IN	V85 V85N V85N1 V85N2 V85N4 V85N5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

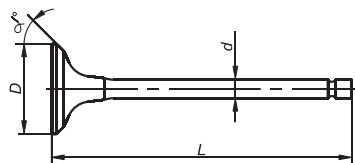
									
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ACME					ALFA ROMEO				
960 045	37,5x9x105	V659		1	605 06 548	40x8x93,8	V1559		6
960 046	37x9x105	V660		1	605 12 982	44x9x104,8	V1561	56117	7
960 022	30,5x9x105	V661		1	605 01 089	38,5x9x92,2	V1562	56118	7
960 023	30,5x9x105	V662		1	55557741	31,2x5x113,9	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	25,3x5x95,3	V2024		4
ALFA ROMEO					ALFA ROMEO DIESEL				
608 05 834	34,4x7x128	V705	17095	5	7 301 820	41x8x120,7 +1,0S	V326 V326/N3	17062	11
608 05 836	28,5x7x125,7	V706	17096	5	7 301 821	34,4x8x122 +1,0S	V327 V327/N3	17063	10
608 11 153	33,5x7x113	V729	560017	4	4 813 760	41x8x122 +0,5S +1,0S	V470 V470/N1 V470/N3	17080	10
608 11 154	28x7x108,4	V730	560018	4	608 08 694	37,5x8x116,5	V707	56012	9
46406 169	43,6x8x105,6	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	26x7x108,4	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		9
11608 03301 01	37,1x9x106,5	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	36,3x9x107,3	V1225	5600 21	3	55190249	24,9x5x114,2	V2026		8
605 13 703	32,5x9x95	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	27x6x95,2	V1451		1					
55106233	22,4x6x94,6	V1452		1					
605 04 051	38,8x8x92,8	V1557		2					
605 03 993	33,2x8x93,5	V1558		2					

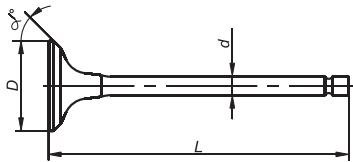
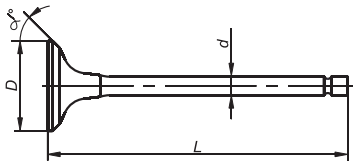
									
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AUDI					AUDI				
052 109 611	28x8x104	V648	33032	11	022 109 601G	33,2x6x102,4	V1685	331127	26
052 109 601	31,5x8x104	V692	33043	11	022 109 611N	30,2x6x102,3	V1686	331129	26
069 109 601F	36x8x95,5	V697	39123	23	022 109 601H	33,2x6x136,3	V1687	331128	26
	+0,5S	V697N1		23	022 109 611P	30,2x6x136,1	V1688	331130	12
	+0,8S	V697N3		23	03F 109 601A	35,4x6x98,7	V1957		12
026 109 601C	40x8x91	V701	39136	18	03F 109 611B	30x6x98,4	V1958		12
026 109 611A	33,2x8x91	V702	33048	14		32,7x7x95,2	V1973		27
053 109 611	33,2x8x91	V702B	33047	16	06D 109 601M	33,8x6x104	V2027	331125	22
049 109 601F	34x8x98,7	V747	33024	12	06E 109 601H	32,3x6x104,1	V2157		22
049 109 611F	31,2x8x98,5	V748	33025	12		28x6x101,9	V2158		
049 109 601A	38x8x105,7	V749	3322	13	AUDI DIESEL				
049 109 611A	31,2x8x105,5	V750	3320	13	068 109 601C	34x8x104,8	V541	33028	28
035 109 601C	38x8x98,7	V751	33022	14		+0,3S	V541/N		28
035 109 611F	33,2x8x98,5	V752	33023	14		+0,5S	V541/N1		28
026 109 601	40x8x98,7	V753	39100	17		+0,8S	V541/N3		28
035 109 601H	38x8x91	V754	33034	14		+1,5S	V541/N4		28
056 109 601A	34x8x98,7	V755	33001	13		+1,0S	V541/N5		28
027 109 601C	32x7x95,5	V779	33125	20	068 109 601D	34x8x104,8	V541A	4906	29
027 109 611B	28x7x98,2	V780	33050	20		+0,3S	V541/N		29
035 109 601J	38x8x91,9	V796	33282	19		+0,5S	V541/N1		29
056 109 611A	31,2x8x98,5	V799	33002	13		+0,8S	V541/N3		29
058 109 601C	26,9x6x105,1	V839	33413	21		+1,5S	V541/N4		29
058 109 611M	29,9x6x103,9	V840	33438	21		+1,0S	V541/N5		29
078 109 601B	39,5x7x91,9	V869	33403	20	068 109 611C	31,2x8x104,6	V542	33029	28
048 109 611B	32,9x7x91,2	V870	33416	20		+0,3S	V542/N		28
051 109 601B	32x7x95,5	V889	33308	26		+0,5S	V542/N1		28
051 109 611B	27x7x98	V890	33309	26		+0,8S	V542/N3		28
048 109 601A	39,5x8x91,9	V899	33313	16		+1,5S	V542/N4		28
036 109 601S	29,5x6x100,9	V957	39522	13		+1,0S	V542/N5		28
036 109 611K	26x6x100,5	V958	39523	13	068 109 611D	31,2x8x104,6	V542A	4907	29
077 109 601Q	26,9x6x96,5	V1137		27		+0,3S	V542/N		29
077 109 611K	29,9x6x95	V1138		27		+0,5S	V542/N1		29
022 109 601E	31X6X102,1	V1217		26		+0,8S	V542/N3		29
022 109 611C	27X6X136,4	V1218		26		+1,5S	V542/N4		29
022 109 601F	31X6X136	V1219		26		+1,0S	V542/N5		29
022 109 611B	27X6X102,5	V1220		26	068 109 601L	34x8x95,1	V543	39183	29
06B 109 601D	39,4x6x93,8	V1379	331057	15		+0,3S	V543/N		29
06B 109 611C	32,9x6x93,8	V1380	331058	15		+0,5S	V543/N1		29
	27,1x6x99	V1579		27		+0,8S	V543/N3		29
	24,1x6x99	V1580		27		+1,5S	V543/N4		29
077 109 601K	32,7x6x94,6	V1593	330052	27		+1,0S	V543/N5		29
077 109 611D	27x6x97	V1594	330053	27	068 109 601M	34x8x95,1	V543A	39138	29
06D 109 601K	33,8x6x104	V1605	331116	23		+0,3S	V543/N		29
06D 109 611L	28x6x101,9	V1606	331117	21		+0,5S	V543/N1		29
059 109 601G	28,6x6x99,3	V1609		26		+0,8S	V543/N3		29
059 109 611H	26,8x6x99,2	V1610		26		+1,5S	V543/N4		29
058 109 611E	29,9x6x103,9	V1634	331107	22		+1,0S	V543/N5		29
06E 109 601H	32,3x6x104	V1679	331118	21					

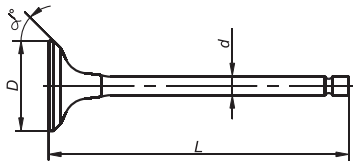
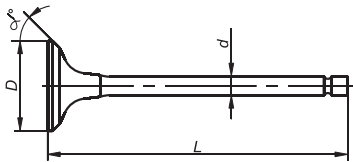
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AUDI DIESEL									
068 109 611L	31,2x8x95	V544	39116	29	038 109 601B	36x7x90	V919	331033	31
	+0,3S	V544/N		29		+0,5S	V919N1		31
	+0,5S	V544/N1		29		+1,0S	V919N3		31
	+0,8S	V544/N3		29	038 109 611B	31,5x7x90	V920	331034	31
	+1,5S	V544/N4		29		+0,5S	V920N1		31
	+1,0S	V544/N5		29		+1,0S	V920N3		31
068 109 611M	31,2x8x95	V544A	39117	29	057 109 601	27,1x6x99	V1275		32
	+0,3S	V544/N		29	057 109 611	24,1x6x99,1	V1276		32
	+0,5S	V544/N1		29	059 109 601F	27,1x6x100,6	V1277	331110	32
	+0,8S	V544/N3		29	059 109 611G	24,1x6x100,6	V1278	331111	32
	+1,5S	V544/N4		29	03G 109 601A	29,4x6x88,5	V1491	331119	35
	+1,0S	V544/N5		29	03G 109 611B	25,5x6x88,2	V1492	331120	35
069 109 601F	36x8x95,1	V697	39123	30	03G 109 601B	29,2x6x87,8	V1607	331121	35
	+0,5S	V697N1		30	03G 109 611D	25,4x6x87,5	V1608	331122	35
	+0,8S	V697N3		30	059 109 601G	28,6x6x99,3	V1609		37
069 109 601H	36x8x95,1	V697A	39143	31	059 109 611K/H	26,8x6x99,2	V1610		37
	+0,5S	V697N1		31	038 109 601E	36x7x89,5	V1663	331123	33
	+0,8S	V697N3		31		+0,5S	V1663N1		33
074 109 611	31,2x8x95,1	V698	33049	33	038 109 611E	31,5x7x89	V1664	331124	33
	+0,5S	V698N1		33		+0,5S	V1664N1		33
	+0,8S	V698N3		33	045 109 601	36x7x89,6	V1689	331049	28
068 109 601	34x8x104,8	V713	33026	28	045 109 611	31,5x7x89,6	V1690	331050	28
	+0,5S	V713/N1		28	038 109 601F	36x7x88,8	V1691		37
068 109 611	31x8x104,6	V714	4900	28	038 109 611G	31,5x7x88,4	V1692		37
	+0,5S	V714/N1		28	03L 109 601	28,1x6x99,3	V1693	331131	36
069 109 601C	36x8x104,9	V756	3909	30	03L 109 611	26x6x99,1	V1694	331132	36
	+0,5S	V756N1		30	038 109 611F	31,5x7x89,5	V1832		31
	+1,0S	V756N3		30	03L 109 601A	26,6x6x99,3	V2029		32
069 109 601	36x8x104,8	V800	3333	30	03L 109 611A	24,5x6x99,1	V2030		32
028 109 601B	36x7x95,5	V805	331035	33	AUSTIN – LEYLAND				
	+0,5S	V805N1		33	LGH10029	27,7x6x89,6	V1329	105-35474	39
028 109 611E	31,1x7x95,6	V806	331036	33	LGH10028	24,2x6x90	V1330	105-35475	39
	+0,5S	V806N1		33	WAM4002	33,6x7x90,5	V1431	105-35484	39
028 109 601D	36x7x96,9	V811	39486	34	WAM4003	31,2x7x91	V1432	105-35485	39
	+0,5S	V811N1		34	AUSTIN – LEYLAND DIESEL				
028 109 611G	31,4x7x96,9	V812	39487	34	LGH10036	37,2x7,4x93,8	V1489	105-35457	39
	+0,5S	V812N1		34	LGH10037	33,6x7,4x93,8	V1490	105-35458	39
028 109 601H	36x8x96,8	V821	39423	34	AUTOBIANCHI				
	+0,5S	V821N1		34	4 265 695	29x7x95,3	V257	17004	40
046 109 611F	31,5x8x96,9	V822	33380	34	4 377 979	26x7x95,7	V258	17021	40
	+0,5S	V822N1		34	7666228	30,4x7x97,1	V731	17054	40
046 109 601G	36x8x96,9	V823	33378	35	7666227	27,5x7x97,2	V732	17055	40
059 109 601C	27,1x6x100,5	V879	33463	31					
059 109 611C	24,1x6x100,5	V880	33464	31					

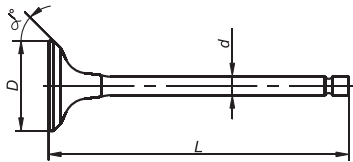
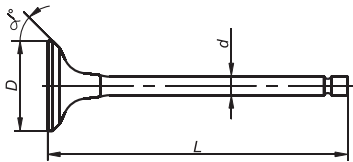
									
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360-020243	45,7x10x140,7	V491		40	11341 713 731	34,9x7x101,1	V1124	11218	48
362-020261	37x10x140,2	V492		40	1134 1 722 908	32,9x7x106,7	V1129	11359	48
BEDFORD					1134 1 726 903	30,5x7x106,3	V1130	11360	48
642 873	37x9x123,7 +0,075d +0,15d	V245 V245.1 V245.2	3439	41	1134 1 739 822	32,9x6x106,1	V1131	11960	49
642 763	33x7x105	V357	3471	41	1134 1 739 823	30,4x6x105,7	V1132	11964	49
642 890	29x7x105	V358	3474	41	1134 1 401 104	34x7x119,7	V1149	11716	52
642 750	42x9x123 +0,075d +0,15d	V609 V609.1 V609.2	3434	41	1134 1 401 105	30,5x7x121,3	V1150	11717	52
642 635	35x8x106,1	V817	2920	41	1134 1 739 658	42x7x104	V1177	11673	51
642 789	32x8x106,1	V818	2934	41	1134 1 739 665	36x7x103	V1178	11672	51
642 679	38x7x101,1	V859	29316	41	1134 1 267 721	39,9x7x102,5	V1215	1155	43
642 854	31x7x101,1	V860	29300	41	1134 1 267 722	33,9x7x102,5	V1216	1156	43
12911-82000	36x7x115,5	V1307	V3663	41	1134 1 309 343	37x7x121,4	V1245	11211	54
12915-82000	30x7x114,5	V1308	S3664	41	1134 1 309 487	32x7x123,8	V1246	11214	54
BEDFORD DIESEL					1134 1 736 549	34,9x6x104,1	V1281	11539	53
642 651	36x8x123,2	V695	29182	41	1134 1 741 231	30,4x6x103,6	V1282	11897	53
642 818	32x8x123,2	V696	29416	41	1134 1 251 879	41,9x8x103,8	V1317	1195	47
BELAZ					1134 1 251 498	34,9x8x104,3	V1318	1198	47
0330 05 060 5	71,9x15,9x236	V507		41	1134 1 273 592	46x8x106,5	V1563	1142	52
0330 05 070 5	67,9x15,9x236	V508		41	1134 1 250 129	38x8x107,1	V1564	1125	52
BÜSSING					1134 1 440 304	32x6x100	V1585	111210	46
88 04101 0213	53x11x177,8	V483	81 - 1307	42	1134 1 707 519	29x6x100,1	V1586	111209	46
88 04101 0212	46x11x177,8	V484	81 - 1308	42	1134 7 547 187	26x5x110,1	v1674		42
88 04101 005	60,5x12x186,5	V485	81 - 1324	42	1134 1 435 461	35x6x100	V1681	111208	46
88 04101 002	50x13x186,5	V486	81 - 1325	42	1134 7 539 919	32,2x5x104,5	V1699		44
BMW					1134 7 553 774	27x6x110,4	V1700		44
11341 722 910	29,9x7x107,7	V399	11357	42	1134 7 533 884	30x5x97	V1701		42
11341 722 911	26,9x7x106,8	V400	11358	42	1134 7 533 885	25,1x5x110,8	V1702		42
11341 727 358	42x7x102,1	V841	11131	48	1134 7 553 771	34,2x5x104,5	V1703		46
11341 727 352	35,9x7x101,1	V842	11324	48	1134 7 553 772	29x6x110,6	V1704		46
11341 720 827	42x7x102,5	V941	11104	50	1134 7 485 585	30,3x6x109,5	V1705		42
11341 720 828	36x7x102,5	V942	11129	50	1134 7 829 943	23,3x6x118,3	V1706		42
11341 736 567	31,9x6x104	V1101	11541	51	1134 7 553 775	31,4x5x106,6	V1707		45
11341 736 576	28,5x6x103,6	V1102	11896	51	1134 7 553 776	28x6x114,6	V1708		45
11341 738 220	29,9x6x107	V1103	11613	43	1134 7 555 760	30x6x106,7	V1931	111211	44
11341 738 221	26,9x6x106,1	V1104	11612	43	1134 7 552 053	27x6x114,6	V1932	111212	44
BMW DIESEL					1134 7 548 280	31,4x6x106,7	V1955	111213	45
1134 2 242 624	34,9x7x114,3	V937	1180	55	1134 7 585 901	29,7x5x95,1	V2031		42
1134 2 242 623	30,9x7x114,1	V938	1184	55	1134 7 583 777	32x5x105	V2033		45
1134 2 244 814	35,9x6x103,7	V939	11732	54	1134 7 598 273	28x6x112,8	V2034		45
					1134 7 552 952	32x5x106,7	V2035		52
					1134 7 552 953	29x6x114,6	V2036		52

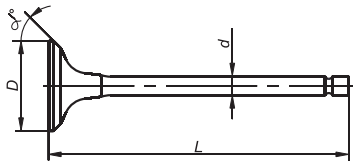
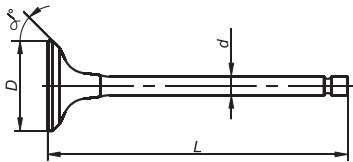
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1134 2 244 815	30,9x6x103,5	V940	11682	54
1134 2 247 077	26x6x99,9	V994	111113	55
1134 2 243 328	35,9x7x103,7	V1011	11485	55
1134 2 244 282	30,9x7x103,5	V1012	11543	55
1134 7 791 054	30,6x6x100	V1487		54
1134 7 791 055	28x6x99,8	V1488		54
1134 7 805 968	25,6x5,5x96,4	V1493	539009	54
1134 7 805 969	23,4x5,5x96,6	V1494	539010	54
1134 7 797 711	27,2x5x94	V1709		55
1134 7 797 712	24,6x5x94	V1710		55
1134 7 799 612	27,5x6x99,8	V1859		56
1134 7 812 618	24,8x5x94	V2037		54
1134 7 812 616	21,2x5x94	V2038		54
CADILLAC				
641 022	32x6x102,1	V511	29375	56
641 325	29x6x92,2	V512	29354	56
12786696	35,1x6x102,3	V1069	291109	56
12791961	30,1x6x100,9	V1070	291110	56
CADILLAC DIESEL				
93185523	27,8x6x114,4	V1415		56
93178588	25,8x6x114,4	V1416		56
CATERPILLAR				
2W 2622	45x9,5x181,4	V495	V3021XS	58
1W 3860	41,8x9,5x181,4	V496	AS3020	58
1W 8606	63,6x9,5x238,6	V497		58
1W 1822	59,7x9,5x238,6	V498		58
1W 1818	59,5x9,3x236	V499		58
1W 1819	58x9,3x236	V500		58
5S 6452	51,3x9,5x140	V551	V3085XS	57
	+0,2d	V551N		57
	+0,55d	V551N1		57
7S 6767	48,2x9,5x139	V552	AS3089	57
	+0,2d	V552N		57
	+0,55d	V552N1		57
8H 1993	59,5x12,7x236	V567	105 – 3263	58
8H 1994	57,9x12,7x235	V568	105 – 3558	58
9L 7682	53,2x9,5x144,7	V591	V3014	57
9L 7683	45,8x9,5x144,3	V592	S3019	57
1P 0407	45x9,5x152,4	V849		58
8N 3725	41,8x9,5x152,4	V850		58
1457390	40x8x183,1	V1627		56
1478211	43x9,5x199,1	V1628		56

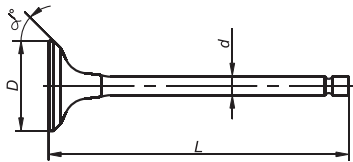
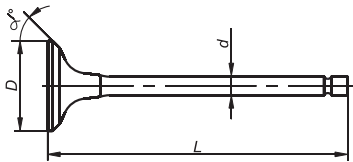
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CATERPILLAR				
7W 8064	47x8x177,1	V1999		57
7W 2699	40x8x176,8	V2000		57
CHEVROLET-DAEWOO				
904 122 77	32x6x102,1	V511		61
904 108 13	29x6x92,2	V512		61
12911 78B00	35,7x5,5x110,5	V605	771003	59
12915 78B00	31,8x5,5x110,2	V606		59
90220119	41,8x7x103,8	V641	29107	61
90323757	36,5x7x103,6	V642	29292	61
96182806	30,3x6x102,3	V861		59
96182805	26x6x102	V862		59
55565339	28x5x93,8	V883		59
55570170	25x5x93,8	V884		59
96352793	31,8x5,5x110,4	V900	771004	59
96182934	38x7x103,5	V901		59
96182933	31x7x103,5	V902		59
641 063	35,1x6x102,3	V1069		62
641 376	30,1x6x100,9	V1070		62
MD-016460	34x6,6x102,1	V1145	V3142	59
MD-016461	30x6,6x100,9	V1146	S3143	59
96335947	38x6x104	V1263		60
96335948	31x6x104	V1264		60
96376881	28,6x6x101,6	V1271		60
96376980	27,3x6x101,3	V1272		60
55557862	31,2x5x117,2	V1429		61
55558728	27,5x5x116,2	V1430		61
55557741	31,2x5x113,9	V1611		61
71744388	27,5x5x113,2	V1612		61
90215492	38x7x101,7	V1855		59
96098751	31x7x101,7	V1856		59
96230591	38x6x101,3	V1875		61
96230595	31,4x6x101,1	V1876		61
96463002	25,9x5x99,2	V2039		58
96463003	23,5x5x100	V2040		58
CHEVROLET-DAEWOO DIESEL				
93 510 773	33x8x111,9	V710		63
	+0,5S	V710/N1		63
	+1,0S	V710/N3	537450	63
93 510 415	38,5x8x112,4	V721	531005	63
	+0,5S	V721/N1		63
	+1,0S	V721/N3		63
	21,7x6x109,2	V1413		62
	21,7x6x109,2	V1414		62
96951454	28,6x6x95,7	V1625		63

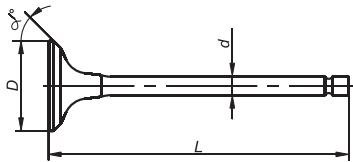
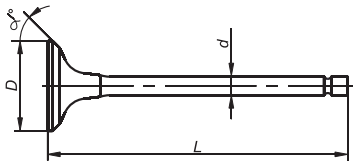
									
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96951455	24,4x6x95,7	V1626		63	5 973 128	31x8x109	V412	171030	69
	22,45x6x109,2	V1873		62	91 510 548	42,6x8x118,6	V593	537819	74
	22,5x6x109,2	V1874		62	91 520 847	35,5x8x112,2	V594	537909	74
	29,3x5,5x96,8	V2003		63	96 260 498	39,4x7x111,5	V631	531007	70
	25,1x5,5x97,1	V2004		63	97 533 264	29,3x7x112,6	V632	537845	68
98113743	27,4x6x102,6	V2041		62	96 278 356	36,7x7x112,8	V633	531012	69
97385842	25,45x6x102,4	V2042		62	97 533 266	36,7x7x112,8	V694	537841	68
25183821	28,8x5,5x101,9	V2043		63	91 535 017	41,6x8x108,8	V723	537853	71
25183822	26,45x5,5x101,9	V2044		63	91 535 019	34,5x8x108,4	V724	537851	71
CHRYSLER					7 617 500	39,5x8x108,5	V735	17089	69
0464 8615	33,2x6x114,9	V1147		63	96 172 597	34,6x7x106,4	V909	537131	73
0464 8613	28,7x6x117,2	V1148		63	96 172 795	29,6x7x105,7	V910	537132	73
MD 301193	33x6x112,5	V1195		64	0948.82	34,1x6x106,4	V933	537141	74
MD 306183	29x6x114	V1196		64	0949.87	30,7x6x105,3	V934	537148	74
0466 7969AB	34,8x6x111,6	V1233		64	91 518 971	39,5x8x105,2	V935	538181	71
0477 7898AA	28,5x6x109,8	V1234		64	91 518 972	33x8x105,2	V936	538008	71
113 053 0101	36x7x119,4	V1551	261032	65	91 512 096	40x8x108,8	V967	538180	71
113 050 0227	41x7x122,3	V1552	261033	65	91 513 446	33x8x108,1	V968	538009	71
MD 075925	38x8x103,5	V1567	V3376	63	95 551 307	36,8x8x113,4	V969	536478	67
MD 075927	31x8x100	V1568	S3374	63	95 551 308	29,3x8x113,6	V970	535840	67
11347485585	30,3x6x109,5	V1705		64	96 059 361	42,6x8x108,8	V997	157579	74
11347829943	23,3x6x118,3	V1706		64	96 147 032	34,5x8x108,4	V998	157580	74
04663899	33,9x6x108,2	V1847		64	0948.99	33,3x6x106,2	V1091	531010	74
04663902	27,7x6x106,2	V1848		64	0949.99	28,9x6x103,6	V1092	531011	74
04663347	29x7x126	V1860		64	97 531 079	34,7x7x112,8	V1093	537840	67
	37x8x111,3	V1920		65	97 531 046	27,7x7x112,6	V1094	537844	67
	43x8x112	V1943		65	91 508 631	32x8x108,7	V1116		71
	38,6x8x111,4	V1944		65	0948.A9	31,2x6x103,8	V1161		71
04781025AA	48x7x126,3	V1959		64	0949.A8	24,5x6x104,4	V1162	537174	70
04781025AB	35,5x7x127,6	V1960		64	96 183 535	39,5x7x111,7	V1163	537505	69
CHRYSLER DIESEL					96 101 887	31,3x7x111,5	V1164	537506	70
7701 462 232	40,2x8x111,6	V863	515120	6 6	96 289 433	34,6x6x106,3	V1183	537006	73
7701 461 339	33,3x8x111,6	V864	515320	66	96 298 611	29,6x6x105,7	V1184	533033	73
05073735AA	30,1x7x104	V1055	261102	65	0948.A5	35x6x108,4	V1247	531015	75
05073738AA	28,4x7x104,4	V1056	261103	65	0949.A5	30,5x6x106,9	V1248	531016	75
0472 0146	40,2x8x121	V1167	4077	66	0948.C8	28,3x5,5x100,8	V1251		69
0472 0148	34x8x121	V1168	4078	66	0949.C4	24,3x5,5x101,1	V1252		69
68001582AA	29,2x6x87,8	V1607	331121	65	91 540 748	34,6x7x106,4	V1273	537686	72
68001583AA	25,4x6x87,5	V1608	331122	65	91 540 782	29,6x7x105,8	V1274	537687	72
05066770AA	32,4x6x109	V1645		66	0948.A7	32,4x6x105	V1315	531027	74
05066769AA	30,9x6x108,3	V1646		66	0949.A7	29,2x6x102,6	V1316	531028	74
5175396AA	28,5x6x102,3	V1743		65	96 254 648	28,8x6x104,4	V1341	537209	70
5175397AA	24,5x6x102,3	V1744		65	0948.A4	29,8x6x106	V1453	531023	71
K68027469AA	31,8x6x107,6	V1745		66	0949.A4	27,2x6x104	V1454	531026	71
K68027470AA	29,2x6x107,8	V1746		66	0948.A1	35x6x106	V1455	531019	75
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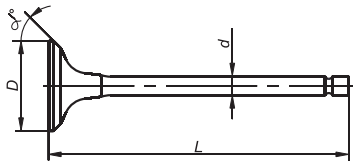
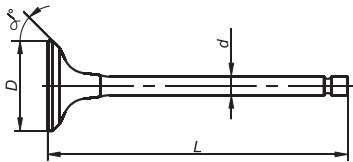
									
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91537491	34,5x8x104,8	V1576	537850	72	96 150 145	37x7x108,5	V1089	537627	76
753 450 880	28,8x5x105,7	V1673		70		+0,5S	V1089N1		76
754 718 780	26x5x110,1	V1674		70	96 150 144	31,5x7x108,2	V1090	537628	76
753 388 480	30x5x97	V1701		70		+0,5S	V1090N1		76
753 388 580	25,1x5x110,8	V1702		70	96 008 334	33,9x8x122,3	V1095	537575	79
0948.E2	27,4x5x88,4	V1721		67	96 079 213	33,9x8x121,9	V1096	537555	79
0949.C8	23,6x5x89,2	V1722		67	96 095 457	36,9x7x127,9	V1121	537503	81
094 932	37x8x111,3	V1920		75		+0,5S	V1121N1		81
094 836	43,9x8x112	V1943		75		+1,0S	V1121N3		81
95 536 523	38,6x8x111,4	V1944		75	96 096 146	36,9x7x127,5	V1122	537554	81
0948.G4	29,7x5x95,1	V2031		70		+0,5S	V1122N1		81
95638476	39,3x8x111,8	V2171		69		+1,0S	V1122N3		81
95638477	31,2x8x111,6	V2172		69	0948.A3	29,8x6x105	V1179	531021	79
CITROEN DIESEL					0949.A3	25x6x105	V1180	531022	79
0948.A2	41x8x120,7	V326	17062	81	0948.C2	32,8x5,5x97,3	V1205	181102	75
	+1,0S	V326N3		81	0949.B1	30,3x5,5x97,3	V1206	181103	75
0948.96	43,5x8x122	V679	171015	81	0948.C0	29,9x6x106,2	V1313	531017	80
	+1,0S	V679N3		81	0949.A9	25x6x106,1	V1314	531018	80
0949.A0	35,9x8x122	V681	171055	81	0948.C4	24,3x5,5x96,4	V1457		75
	+1,0S	V681N3		81	0949.C1	22,4x5,5x96,6	V1458		75
7 547 158	37,5x8x116,5	V707	17060	78	0948.C7	25,6x5,5x96,4	V1493	539009	76
7 588 577	33,5x8x116,5	V708	17061	78	0948.C3	23,4x5,5x96,6	V1494	539010	76
93 501 279	38x8x112,4	V709	538359	76	95569116	42x8x121,4	V1623	151564	80
	+0,5S	V709N1		76	95569117	35x9x121,4	V1624	151554	80
	+1,0S	V709N3		76	504072531	32,4x6x119,9	V1697		82
93 510 773	33x8x111,9	V710	537450	76	504081062	32,4x6x119,9	V1698		82
	+0,5S	V710N1		76	0948.E5	27,2x6x95,8	V1723		79
	+1,0S	V710N3		76	0949.E1	25x6x95	V1724		79
93 510 415	38,5x8x112,4	V721	531005	77	0948.E6	29,6x7x122,2	V1987		80
	+0,5S	V721N1		77	0949.E3	25,8x7x122	V1988		80
	+1,0S	V721N3		77	0948.F7	30,15x5,5x95,6	V2049		76
96 005 391	38,5x8x112,4	V721A	537746	78	0949.F5	27,5x5,5x95,5	V2050		76
	+0,5S	V721N1		78	0948.F6	27,25x6x104,5	V2051		79
	+1,0S	V721N3		78	CLAAS				
93 510 774	33x8x111,9	V722	537747	76		46,3x9x129,2	V1867		82
	+0,5S	V722N1		78		41,6x9x129,2	V1868		82
	+1,0S	V722N3		78	CUMMINS				
95 638 449	35,5x7x108,4	V809	157714	75	145701	47,5x11,5x179,5	V410	AS2472	83
	+1,0S	V809N3		75	135957	47,5x11,5x179,5	V410A	V3099x	83
95 638 450	30,6x7x108,2	V810	157729	75	207241	56,3x12,6x191,8	V477	105-35481	83
	+1,0S	V810N3		75	3035110	56,3x12,6x191,8	V478	105-35482	83
96 180 328	41x7x115,7	V955	537257	81	39 208 67	45x8x129,1	V527	111006	82
96 267 448	37,8x7x115,4	V956	537019	81		+0,2d	V527N5		82
0948.95	35,6x6x107,1	V1085	531003	78		+0,4d	V527N6		82
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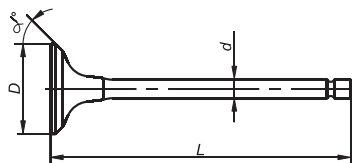
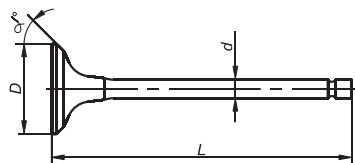
									
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39 208 68	42x8x129,1 +0,2d +0,4d	V528 V528N5 V528N6	111007	82	96180328	41x7x115,7	V955		86
				82	96267448	37,8x7x115,4	V956		86
30 332 34	42,5x9,5x176,4	V891		82	96 095 457	36,9x7x127,9 +0,5S +1,0S	V1121 V1121N1 V1121N3	537503	86
38 185 20	42,5x9,5x176,4	V892		82					86
3942588	38x8x137,8	V1877		83	96 096 146	36,9x7x127,5 +0,5S +1,0S	V1122 V1122N1 V1122N3	537554	86
3942589	38x8x137,9	V1878		83					86
3940735	33x7x124,6	V1881		83	286 292	44x10x142,4	V1169	105-35464	86
3940734	33x7x124,3	V1882		83	286 291	40x10x142,4	V1170	105-35465	86
3802275	52x9,5x151	V1933	105-35617	82	266 305	54,9x11x175	V1289	105-35466	87
3902254	46x9,5x150,9	V1934	105-35618	82	266 306	49,9x11x175	V1290	105-35467	87
	32,6x6x106,2	V1995		82	1404919	33x7x124,7 +0,5S +0,8S +0,2d	V1297 V1297N1 V1297N2 V1297N5		86
	29x6x106,7	V1996		82			V1298		86
DACIA					1404918	33x7x124,3 +0,5S +0,8S +0,2d	V1298N1 V1298N2 V1298N5		86
7701 458 180	33,5x7x89,8	V581	518293	84					86
7701 460 690	29x7x88,9	V582	518533	84					86
7700 273 371	37,6x7x107,8	V673	511017	84					86
7701 465 090	33,6x7x107,8	V674	517646	84					86
7701 471 378	32,7x5,5x109,3	V1013	531029	84	1342220	45,5x9x163,8	V1359	105-35601	88
7701 471 379	28x5,5x107,6	V1014	531030	84	1362696	42,5x9x158,8	V1360	105-35600	88
7701 472 986	26x5,5x110,7	V1165		84	1603846	45,5x9x163,7	V1421	105-35621	88
7701 473 004	22x5,5x112,5	V1166		84	394838	50x10x157,9	V1711	105-35496	87
DACIA DIESEL					394839	45,5x10x157,9	V1712	105-35497	87
7701 468 035	35,2x8x111,6	V837	510203	85	1345509	40,5x9x158	V1713		87
7701 465 107	36,1x8x111,7 +1,0S	V855 V855N3	517983	85	1352127	37x9x154,4	V1714		87
				85	1307654	45,5x9x163,8	V1865	105-35601	88
7701 462 814	31,6x8x111,3 +1,0S	V856 V856N3	517963	85	1327029	42,5x9x158,8	V1866	105-35600	88
				85	1684513	45,5x10x169,4	V1985		89
7701 469 369	35x8x110	V885	510203	85	1678541	42,5x10x168,6	V1986		89
7701 469 373	31,3x8x109,8	V886	517963	85	267 356	55x11x152	V2169	105-35399	87
7701 473 184	33,4x6x101	V979	539017	85	267 357	48x11x150	V2170	105-35379	87
7701 473 183	28,9x6x100,8	V980	539018	85					
DAEWOO „see” CHEVROLET					DAIHATSU				
					13711-87701	36x7x101,6	V1141	V 3573	89
					13715-87701	33x7x101,6	V1142	S 3574	89
					13711-97401	26x5x88,2	V1249	711007	90
					13715-97401	22,6x5x89,2	V1250	711008	90
					13711-64030	38,5x8x105,6	V1345	V3593	91
					13711-87103	30x6,6x112,8	V1433		90
					13715-87106	26x6,6x114,5	V1434		90
					13715-64030	32,4x8x105,3	V1482	711026	91
					13711-15010	36x7x106,7	V1523	V3245	90
					13715-15010	31x7x106,7	V1524	S3246	90
					13711-97205	24,5x5x79,2	V1883		90
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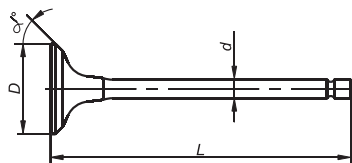
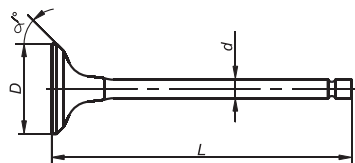
									
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13715-97203	21,1x5x79,8	V1884		90	4 239 917	36x8x108,5	V152	17002	98
13711-87208	24,1x5x79,5	V1963		90	4 315 062	31x8x109	V153	17001	98
13711-87202	34x7x111,7	V2053		89	4 265 695	29x7x95,3	V257	17004	93
13715-87202	28x7x110,6	V2054		89	4 377 979	26x7x95,7	V258	17021	93
13711-40040	27,7x5x88,4	V2159		89	7 609 772	37,5x8x108,5	V411	17073	98
13715-40040	23,7x5x89,1	V2160		89	5 973 128	31x8x109	V412	171030	98
DAIHATSU DIESEL					5 973 129	33,2x8x109	V506	17024	105
13711-87706	34x7x105	V1305		91	4 379 986	33x8x115,3	V539	17020	97
13715-87705	30x7x105	V1306		91	4 374 855	28x8x116	V540	17006	97
13711-87704	36x7x105	V1347	V3577	91	0948.33	42,6x8x118,6	V593	537819	103
13715-87703	32x7x105	V1348	S3578	91	0949.56	35,5x8x112,2	V594	537909	103
FAMOS					7 574 739	34,4x7x128	V705	17082	103
5116 0006 2	49x11x162	V15		91	7 958 073	28,5x7x125,7	V706	17083	103
	+1,0S	V15N3		91	91 535 017	41,6x8x108,8	V723	537853	101
5116 0002 0	41x11x162	V16		91	91 535 019	34,5x8x108,4	V724	537851	101
	+1,0S	V16N3		91	7 712 114	30,3x7x110,4	V727	171033	100
5116 0007 0	52x11x159	V33		91	46 413 334	35,5x7x110,4	V728	171034	100
	+0,5S	V33N1		91	7 766 564	33,5x7x113	V729	171006	100
	+0,8S	V33N2		91	7 766 565	28x7x108,4	V730	171004	100
	+1,0S	V33N3		91	7 666 228	30,4x7x97,1	V731	17054	93
5116 0003 0	43x11x159	V69		91	7 666 227	27,5x7x97,2	V732	17055	93
	+0,5S	V69N1		91	7 617 500	39,5x8x108,5	V735	17089	106
	+0,8S	V69N2		91	46 517 325	30,3x7x102,5	V825	171036	99
	+1,0S	V69N3		91	46 462 159	29,8x7x102,8	V826	171043	99
5116 0008 0	52x11x159	V154		92	91 540 748	34,6x7x106,4	V909	537131	104
	+0,5S	V154N1		92	91 540 782	29,6x7x105,7	V910	537132	104
	+0,8S	V154N2		92	4 440 061	43,5x8x105,6	V945	171056	102
5116 0003 1	43x11x159	V155		92	5 975 341	36,2x8x105,9	V946	17010	102
	+0,5S	V155N1		92	7 735 898	30x7x113	V963	171005	101
	+0,8S	V155N2		92	7 735 899	26x7x108,5	V964	171003	101
5116 0068 0	53x11x159	V368		92	91 512 096	40x8x108,8	V967	538180	101
	53x11x159	V368A		92	91 513 446	33x8x108,1	V968	538009	101
5116 0063 0	45x11x159	V369		92	7 565 812	36x8x108,5	V983	17071	99
FENDT					7 574 881	33,1x8x109	V984	17148	99
630804600014	38x9x117	V687	2723	92	9605 936 180	42,6x8x108,8	V997	157579	104
	+1,0S	V687N3		92	9614 703 280	34,5x8x108,4	V998	157580	104
620704603014	35x9x117	V688	2721	92	4 426 397	39,5x8x112	V1001	17066	101
	+1,0S	V688N3		92	5 975 849	36,5x8x112,5	V1002	17067	101
FIAT					46 403 681	26,9x6x95,2	V1007	171052	94
4 064 701	25,5x7x92,2	V01	1755	92	46 471 639	22,4x6x96	V1008	171053	94
4 064 702	23,5x7x92,2	V02	1756	92	71739277	35,1x6x102,3	V1069	291109	105
					71739320	30,1x6x100,9	V1070	291110	105
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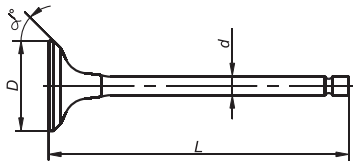
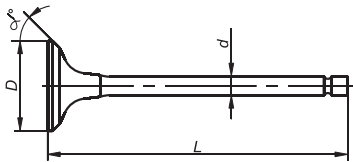
									
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9628 943 380	34,6x6x106,3	V1183	537006	104		+0,5S	V721N1		113
9629 861 180	29,6x6x105,7	V1184	533033	104		+1,0S	V721N3		113
96304413	35x6x108,4	V1247	531015	106	4 424 173	34x8x112	V725	17036	107
96401813	30,5x6x106,9	V1248	531016	106	4 424 174	29x8x112	V726	17037	107
55557862	31,2x5x117,2	V1429	291106	97	5 990 532	37,5x8x116,8	V733	17065	110
71739797	27,5x5x116,2	V1430	291107	97	5 990 533	33,5x8x117	V734	17079	110
55185028	26,9x6x95,2	V1451		95	7 553 000	33x8x117	V737	17058	107
55185080	22,4x6x94,7	V1452		95	7 553 004	29,9x8x117	V738	17059	107
71742050	30x5,5x101	V1471		97	96180328	41x7x115,7	V955	537257	116
71747245	25x5,5x99	V1472		97	96267448	37,8x7x115,4	V956	537019	116
55194993	31,9x5x98,4	V1555		96	4 741 915	41x8x122	V965	17031	116
55194994	27,3x5x98,7	V1556		96	4 733 349	32,9x8x122	V966	17032	115
55557741	31,2x5x113,9	V1611		99	4 368 843	38,4x8x126	V1027	17038	114
71744388	27,5x5x113,2	V1612		99	4 368 845	33,4x8x126	V1028	17039	114
55194219	33,2x5x99,9	V1621		95	7 597 566	36,5x8x114	V1029	17084	112
55200422	28x5x100,5	V1622		95	7 597 565	33,5x8x114	V1030	17085	112
55225886	26,8x6x95,2	V2021		97	7 798 620	37,5x8x114,2	V1031	171013	108
55225887	23x6x94,9	V2022		97	7 783 225	31x8x114,2	V1032	171014	108
55229666	30,15x5x95,5	V2023		99	46 750 859	35,5x8x115	V1033	171046	108
55231897	25,3x5x95,3	V2024		99	46783962	34,5x8x115	V1034	171047	108
55198341	33,3x5x99,9	V2055		96	96247742	35,6x6x107,1	V1085	531003	113
55198342	28,1x5x100,5	V2056		96	96247745	33,8x6x107,1	V1086	531004	113
55194246	31,9x5x98,4	V2057		96	0948.68	33,9x8x122,3	V1095	537575	115
55194247	27,3x5x98,7	V2058		96	0949.68	33,9x8x121,9	V1096	537555	115
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						+0,5S	V1121N1		116
						+1,0S	V1121N3		116
					96 096 146	36,9x7x127,5	V1122	537553	116
						+0,5S	V1122N1		116
						+1,0S	V1122N3		116
7 301 820	41x8x120,7	V326	17062	115	9627184380	29,8x6x105	V1179	531021	114
	+1,0S	V326N3		115	96344375	25x6x105	V1180	531022	114
7 301 821	34,4x8x122	V327	17063	115	500362855	30x6x120,4	V1237		115
	+1,0S	V327N3		115	500362856	30x6x120,4	V1238		115
4 813 760	41x8x122	V470	17080	115	96353179	29,9x6x106,2	V1313	531017	114
	+0,5S	V470N1		115	96353184	25x6x106,1	V1314	531018	114
	+1,0S	V470N3		115	46518930	21,7x6x109,2	V1413		106
98 468 338	43,5x8x122	V679	171015	116	46518931	21,7x6x109,2	V1414		106
	+1,0S	V679N3		116	46802049	27,8x6x114,4	V1415		110
99 418 161	36,5x8x122	V680	171016	116	46787902	25,8x6x114,4	V1416		110
	+1,0S	V680N3		116	96450247	25,6x5,5x96,4	V1493	539009	107
99 432 837	35,9x8x122	V681	171055	117	96408400	23,4x5,5x96,6	V1494	539010	107
	+1,0S	V681N3		117	98 497 235	46x9x141,2	V1535		118
7 547 158	37,5x8x116,5	V707	17060	111	99 433 902	38,3x9x141,2	V1536		118
7 588 577	33,5x8x116,5	V708	17061	110	55206431	27,9x5x114,4	V1595		110
93 510 773	33x8x111,9	V710	537450	113					
	+0,5S	V710N1		113					
	+1,0S	V710N3		113					
FIAT DIESEL									
7 301 820	41x8x120,7	V326	17062	115					
	+1,0S	V326N3		115					
7 301 821	34,4x8x122	V327	17063	115					
	+1,0S	V327N3		115					
4 813 760	41x8x122	V470	17080	115					
	+0,5S	V470N1		115					
	+1,0S	V470N3		115					
98 468 338	43,5x8x122	V679	171015	116					
	+1,0S	V679N3		116					
99 418 161	36,5x8x122	V680	171016	116					
	+1,0S	V680N3		116					
99 432 837	35,9x8x122	V681	171055	117					
	+1,0S	V681N3		117					
7 547 158	37,5x8x116,5	V707	17060	111					
7 588 577	33,5x8x116,5	V708	17061	110					
93 510 773	33x8x111,9	V710	537450	113					
	+0,5S	V710N1		113					
	+1,0S	V710N3		113					

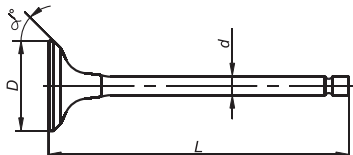
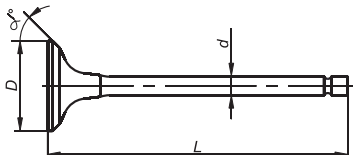
									
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FIAT DIESEL					FORD				
55205183	24,5x5x114,4	V1596		108	70HM 6505AF	34,2x8x112,6	V618	7880	131
5471746	42x8x121,4	V1623	151564	115	78HM6505BF	+0,2d	V618.1		131
5414239	35x9x121,4	V1624	151554	115	78HM6505CF	+0,4d	V618.2		131
55205125	26,5x5x114,4	V1680		108	89BM 6507BA	34,5x7x104	V739	18367	122
504072531	32,4x6x119,9	V1697		118	89BM6507CA	+0,2d	V739.1		122
504081062	32,4x6x119,9	V1698		118		+0,35d	V739N1		122
0948.E5	27,2X6X95,8	V1723		114	89BM 6505CA	29x7x104,4	V740	18366	122
0949.E1	25X6X95	V1724		114	089BM6505DA	+0,2d	V740.1		122
55204574	22,45x6x109,2	V1873		107		+0,35d	V740N1		122
55223836	22,5x6x109,2	V1874		107		31x7x104,1	V763		130
9660035980	29,6x7x122,2	V1987		115		27x7x103,3	V764		130
9660640080	25,8x7x122	V1988		115	80BM 6507DC	38,2x7,9x105,9	V771	105-35315	123
55190248	27,9x5x114,2	V2025		109	80BM6507EC	+0,2d	V771.1		123
55190249	24,9x5x114,2	V2026		109		+0,3d	V771N		123
	46x9x141	V2161		118	77BM 6505AC	29,1x7,9x105,6	V772	105-35060	123
	38,3x9x141	V2162		118	77BM6505EB	+0,2d	V772.1		123
FIAT AGRI – NEW HOLLAND						+0,3d	V772N		123
8 824 754	48,4x8x137,7	V225	17070	121	77BM 650 5DB	29,1x7,9x105,6	V772A	105-35068	124
	+0,5S	V225N1		121	70HM 6507DD	42x8x111,2	V773	7837	131
8 830 045	40,8x8x137,7	V226	17072	121	70HM6507ED	+0,2d	V773.1		131
	+0,5S	V226N1		121	70HM6507FD	+0,4d	V773.2		131
8 823 545	42,9x8x137,7	V228	17044	121	70HM 6505DE	36x8x110,6	V774	7885	131
8 823 544	36,4x8x137,7	V229	17045	121	70HM 6505EE	+0,2d	V774.1		131
4 659 379	43,9x8x125,8	V321	17042	118	70HM 6505FE	+0,4d	V774.2		131
	+0,3S	V321N		118	81SM 6507KF	42x8x134,8	V781	105-35326	124
	+0,5S	V321N1		118	81SM6507NF	+0,2d	V781.1		124
	+1,0S	V321N2		118	81SM 6505AF	34x8x131,4	V782	105-35329	124
	+1,5S	V321N4		118	81SM 6505BF	+0,2d	V782.1		124
4 673 608	36,9x8x125,6	V322	17043	118	88WM 6507BA	42,6x7x108,5	V791	18353	130
	+0,3S	V322N		118	95WM 6505AA	38x7x108,9	V792	18354	130
	+0,5S	V322N1		118	81 SM 6505AG	37x8x131,8	V795	105-35332	127
	+1,0S	V322N2		118	81SM6505BG	+0,2d	V795.1		127
	+1,5S	V322N4		118	89SM 6505AG	37x8x132	V795A	18393	127
99432652	45,5x8x125,7	V447	17075	119	81SM6505BG	+0,2d	V795.1		127
	+0,5S	V447N1		119	79HM 6507EA	42x8x113,2	V797	105-35130	129
	+0,8S	V447N2		119		+0,2d	V797N		129
99432717	37,5x8x125,7	V448	17076	119	84HM 6505FA	32x8x113,3	V798	105-35506	129
	+0,5S	V448N1		119		+0,2d	V798N		129
	+0,8S	V448N2		119	86SM 6507AA	40x8x136,5	V801	105-35502	126
98480846	59x11x170	V519	171021	121	86SM 6505AD	34x8x133,2	V802	105-35453	126
99452179	49x11x170	V520	171022	121	89BM 6507AA	33x7x104	V803	18365	122
FORD						+0,2d	V803.1		122
70HM 6507AE	42x8x113,2	V617	7827	131	85HM 6507FA	+0,35d	V803N		130
70HM6507BE	+0,2d	V617.1		131	85HM 6507GA	42x8x112,3	V865	18230	130
70HM6507CE	+0,4d	V617.2		131	85HM 6507HA	+0,2d	V865.1		130
						+0,4d	V865.2		130
					85HM 6505AA	34,2x8x111,7	V866	18113	130
					85HM 6505BA	+0,2d	V866.1		130
					85HM 6505CA	+0,4d	V866.2		130

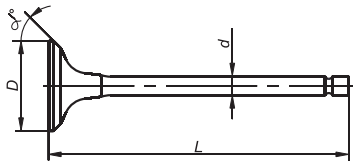
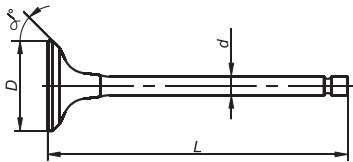
									
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928M 6507C1A/C2A	26x6x97,1	V895	18329	125	1124378	35x5,5x103,4	V1495	181108	131
948M 6505A2A	24,5x6x96,7	V896	105-35514	125	1124377	30x5,5x104,6	V1496	181109	131
928M 6507D1A	32x6x97,1	V903	18330	128		33,2X5X99,9	V1621		122
928M 6505D2A	28x6x96,7	V904	18391	128		28X5X100,5	V1622		122
928M 6507F2A	32x6x97,1	V905	105-35551	128	1127426	40x6x109,7	V1715		129
948M 6505D2A	28x6x96,7	V906	105-35552	128	1089830	34x6x109,8	V1716		129
96MM 6507B2A	26x6x97,7	V915	105-35533	122	1144340	35,1x6x109,6	V1837		124
96MM 6505B2A	22x6x99,7	V916	105-35534	122	1144339	29,7x6x109,8	V1838		124
97MM 6507B2A	28x6x97,4	V917	181010	124	F8CZ6505AA	28x6x96,6	V1886		128
97MM 6505B2A	24x6x99,4	V918	181011	124	1673829	28,1x6x99,4	V1887		124
80BM 6507AC	33x7,9x105,9	V921	105-35312	123	1673827	24,1x6x101,4	V1888		124
80BM 6507BC	+0,2d	V921.1		123	1143059	33,5x6x102,85	V1889		130
95XM 6507AC	33,5x7x112	V923	105-35543	130	1143057	28x6x102,35	V1890		130
91XM 6505AB	30x7x111,6	V924	18284	130	1760579	27,1x5x96,4	V2045		123
E7EE 6507B2A	39x8x136,7	V925	18368	127	1760588	23,1x5x98,2	V2046		123
E7EE 6505B2C	34x8x133,9	V926	18369	127	FORD DIESEL				
95VW 6507AA	39x7x106	V929	39372	129	89FF 6507AA	36,5x8x107,1	V613	18374	134
95VW 6505AA	34,2x7x107	V930	39300	129		+0,1d	V613N		134
97MM 6507A2B	26,1x6x97,7	V959	105-35539	123	89FF 6507BA	+0,2d	V613.1		134
98MM 6505A2A	22,1x6x99,7	V960	105-35540	123	89FF 6507CA	+0,4d	V613.2		134
928M 6507E2A	26x6x97,1	V985	105-35549	125		+0,5S/+0,6d	V613N1		134
928M 6505C2A	24,5x6x96,7	V986	105-35550	125		+0,5L	V613N8		134
1053844	27x6x98,2	V987		126		+0,5L/+0,2d	V613N9		134
1053842	24,5x6x97,7	V988		126	89FF 6505AA	32x8x109,2	V614	18375	134
1S4G 6507CA	30x6x99	V1025	181106	125		+0,1d	V614N		134
1S6C 6505BA	24,1x6x101,5	V1026	181107	123	89FF 6505BA	+0,2d	V614.1		134
97MM 6507B2B	28,1x6x97,4	V1061	105-35541	124	89FF 6505CA	+0,4d	V614.2		134
98MM 6505B2B	24,1x6x99,4	V1062	105-35542	124		+0,5S/+0,6d	V614N1		134
97MF 6507AA	30x6x96,2	V1063		127		+0,5L	V614N8		134
97MF 6505AA	26x6x98,3	V1064		127		+0,5L/+0,2d	V614N9		134
	35x7x105,6	V1081		131	84FM 6507AC	34,9x8x107,3	V615	18146	133
	31x8x105,5	V1082		131	84FM 6507BC	+0,2d	V615.1		133
1053845	33x6x98	V1105	181012	128	84FM 6507CC	+0,4d	V615.2		133
1053843	28x6x97,7	V1106	181021	128		+0,5S/+0,6d	V615N1		133
98MM 6507C2B	30,1x6x97	V1115	181009	126	84FM 6505AC	31x8x108,6	V616	3822	133
022 109 601E	31x6x102,1	V1217	331041	129	84FM 6505BC	+0,2d	V616.1		133
022 109 611C	27x6x136,4	V1218	331042	129	84FM 6505CC	+0,4d	V616.2		133
022 109 601F	31x6x136	V1219		129		+0,5S/+0,6d	V616N1		133
022 109 611B	27x6x102,5	V1220		129	83EM 6507AA	40,4x8,5x116,2	V785	535129	137
1151997	28x6x99,5	V1288		123	78EM 6505AA	33,4x8,5x116,2	V786	535130	137
722 1531	32x6x114,8	V1311	181026	129	894F 6507A1B	42x9x124,5	V789	105-35508	137
722 1529	26x6x115,8	V1312	181027	129	894F 6505A1B	36,3x9x123,9	V790	105-35509	137
1119205	32,5x5,5x103,4	V1363	181110	130	83EM 6507BB	42,5x8,5x116	V793	537944	138
1119204	28x5,5x104,6	V1364	181111	130	83EM 6505AB	35,5x8,5x116,3	V794	538210	138
1207533	26x6x99,7	V1411		122					
1113187	22x6x101,8	V1412		122					

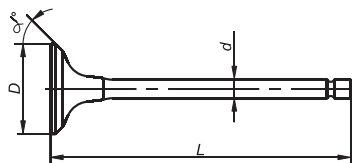
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028 109 601D	36x7x96,9 +0,5S	V811 V811N1	39486	133	1685847	30,1x5,5x95,5	V2015		132
028 109 611G	31,4x7x96,9 +0,5S	V812 V812N1	39487	133	1685845	27,4x5,5x95,5	V2016		132
028 109 601H	36x8x96,8 +0,5S	V821 V821N1	39423	133	1449108	31x6x112	V2047		137
046 109 611F	31,5x8x96,9 +0,5S	V822 V822N1	33380	133	1449109	28x6x112	V2048		137
038 109 601B	36x7x90 +0,5S	V919 V919N1	331033	133	1683701	27,25x6x104,5	V2051		135
038 109 611B	31,5x7x90 +0,5S +1,0S	V920 V920N1 V920N3	331034	133	FORD TRACTOR				
MD 083 661	40x8x136,5	V943	V 3841	137		53,6x10x165	V313	2254	139
MD 083 662	34x8x136,5	V944	S 3840	137		46,6x10x165,3	V314	2294	139
RF01-12-111	41x8x107	V1023	V3639	136		53,6x10x165	V571	22202	139
RF01-12-121	36x8x106,8	V1024	S3640	136		46,6x10x165,3	V572	22155	139
112 1333	29,7x7x122,2	V1065	181018	136	C5NE 6507 A	45,8x9,5x145,9	V1255		138
1121332	25,8x7x122,2	V1066	181019	136	C5NE 6505 A	38,4x9,5x145,9	V1256		138
1113197	36,5x8x107 +0,2d	V1071 V1071.1	181014	134	FSO / DAEWOO				
1198044	32x8x108,7 +0,2d	V1072 V1072.1	181015	134	4207966	35x8x110	V05		139
V94DD 6507AA	40,2x8x121	V1167	4077	137	4207968	31,5x8x104,6	V06		139
V94DD 6505AA	34x8x121	V1168	4078	137	LGH10029	27,7x6x89,6	V1329	105-35474	139
1231931	29,8x6x105	V1179	531021	135	LGH10028	24,2x6x90	V1330	105-35475	139
1231930	25x6x105	V1180	531022	135	FSO / DAEWOO DIESEL				
1145933	32,8x5,5x97,3	V1205	181102	132	93510774	33x8x111,9 +0,5S +1,0S	V710 V710N1 V710N3	537450	140
1145932	30,3x5,5x97,3	V1206	181103	132	93510415	38,5x8x112,4 +0,5S +1,0S	V721 V721N1 V721N3	531005	140
1231931	29,9x6x106,2	V1313	531017	135	GANZ MAVAG				
1231930	25x6x106,1	V1314	531018	135	3 - 90573	84x18x257,5	V501		140
13201-43G01	43,5x6x117	V1343	V3851	138	3 - 90572	70x18x257,5	V502		140
13202-31N01	38x8x117	V1344	S3852	138	G.M.C. (U.S.A.)				
1096250	31,3x7x122,2	V1361	181016	136	12575793	35,1x6x102,3	V1069	291109	140
1096248	27,8x7x122,2	V1362	181017	136	24454518	30,1x6x100,9	V1070	291110	140
46518930	21,7x6x109,2	V1413		132	G.M.C. (U.S.A. DETROIT DIESEL)				
46518931	21,7x6x109,2	V1414		132	5195167	30x8x140,5	V417		141
1229882	25,6x5,5x96,4	V1493	539009	132	K9319735	63,5x15,8x268	V434		141
1229883	23,4x5,5x96,6	V1494	539010	132	5106136	35x8x140,5	V462		141
3595890	32,7x7x112	V1515		138	8928729	45,7x9,5x184,8	V464		141
3595885	35,6x7x111,8	V1516		138	23502345	45,7x8,6x191,6	V465		141
0948.E5	27,2x6x95,8	V1723		135	5193197	40,3x8,7x163,7	V494		141
0949.E1	25x6x95	V1724		135	5125917	27,8x6,3x141	V548		140
038 109 611F	31,5x7x89,5	V1832		133					
FROM 2011	22,45x6x109,2	V1873		132					
FROM 2011	22,5x6x109,2	V1874		132					

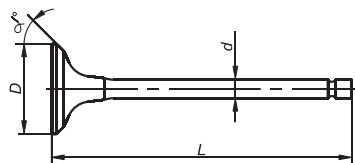
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HANOMAG					HONDA				
403 053 0901	36x10x140,5	V169	1604	142	14711— PG6— 000	30x6,6x105,5	V1015	V3436	147
	+1,0S	V490N3		142	14721— PG6— 000	27x6,6x104,6	V1016	S4276	147
403 050 1027	43x10x150	V297	16008	142	14711—PT3—A00	34x5,5x112,1	V1435	V4279	149
	59x12x142,5	V298	1606	143	14721—PT3—A00	29x5,5x123,5	V1436	V4280	149
	+1,0S	V298N3		143	14711— P07— 000	27,4x5,5x120	V1497		145
	51x12x142,5	V299	1608	143	14721— P07— 000	23,4x5,5x117,5	V1498		145
423 050 0026	+1,0S	V299N3		143	14711— P0A— 000	34x5,5x116	V1499		148
	54x10x150	V301	1659	142	14721—P0A—000	29x5,5x114,2	V1500		148
423 050 0427	59x12x142,5	V311	1606	143	14711—P13—000	35x5,5x106,7	V1501		149
	+1,0S	V298N3		143	14721—P13—000	30x5,5x106,9	V1502		149
442 050 0226	51x12x142,5	V312	1608	143	14711— P08— 000	30x5,5x118,7	V1503		147
	+1,0S	V299N3		143	14721— P08— 000	26x5,5x116	V1504		147
	59x12x142,5	V466	16117	143	14711 — PM3— 000	29x5,5x115	V1529	V3816	146
	+0,5S	V466N1		143	14721—PM3—000	24,9x5,5x118,7	V1530	S3817	146
422 050 0027	+1,0S	V466N3		143	14711— PR3— 000	33x5,5x102,3	V1641		147
	51x12x142,5	V467	16116	143	14721— PR3— 000	27,9x5,5x102,3	V1642		147
	+0,5S	V467N1		143	14711—PNA—000	35x5,5x109,1	V1665		150
	+1,0S	V467N3		143	14721—PNA—000	29,9x5,5x108,5	V1666		150
	36x10x140,5	V488	16122	142	14711— RNA— 000	32x5,5x116,7	V1682		148
	42,8x9x140,5	V489	16109	142	14711—PWA—000	32x5,5x118,3	V1717		145
	+1,0S	V489N3		142	14721—PWA—000	28x5,5x118	V1718		145
	36x10x140,5	V490	16106	142	14711 — P75A00	31x6,6x105,5	V1891	721001	148
	+1,0S	V490N3		142	14721—P75A00	28x6,6x106	V1892	721002	148
	44x9x140,5	V505	16136	142	14711—RB0—000	28x5,5x118,9	V2059		145
	+1,0S	V505N3		142	14721—RB0—000	23x5,5x117,6	V2060		145
	33,2x10x131	V652	2696	141	14711—R60—U00	33x5,5x117,9	V2061		148
	+1,0S	V652N3		141	14721—P2A—U00	26x5,5x115,9	V2062		148
	38,8x10x131,5	V857	2641	141	HONDA DIESEL				
	+1,0S	V857N3		141	0949.73	33x8x111,9	V710	537450	150
	44x9x140,5	V931	1637	142		+0,5S	V710N1		150
	+1,0S	V505N3		142	0948.59	+1,0S	V710N3		150
						38,5x8x112,4	V721	531005	150
HILLMAN						+0,5S	V721N1		150
1218394	36,4x8x118,4	V557	105-03081	143		+1,0S	V721N3		150
	1218383	29,8x8x118,4	V558	105-03290	143	14711— PLZ— D00	27,4x6x98,5	V977	291030
71262713	38x7,9x109,8	V559	105-35341	144	14721— PLZ— D00	26,5x6x98,1	V978	291031	150
71250985	31,2x7,9x109,8	V560	105-34741	144	14711 — P5T— G01	37,2x7x86,7	V1333	801005	151
71262714	V559+0,075d	V561		144	14721 — P5T— G01	32,5x7x86,7	V1334	801006	151
71250986	V560+0,075d	V562		144	14711— RBD— E00	28,1x5,5x100,7	V1719		151
71262715	V559+0,38d	V563		144	14721— RBD— E00	26x5,5x100,4	V1720		151
71250987	V560+0,38d	V564		144	14711— RL0— G00	27,9x5,5x98,9	V2063		151
71262716	V559+0,76d	V565		144	14721— RL0— G50	26x5,5x98,9	V2064		151
71250988	V560+0,76d	V566		144	HYUNDAI				
1235104	38,2x7,9x118,4	V813		145	22211-33000	34x6,5x109,6	V927	761003	154
1235105	30,6x7,9x118,4	V814		145		22212-33000	30,5x6,5x109,6	V928	761004
HONDA									
14711— PT2— 000	34x6,6x103,7	V897		147					
14721— PT2— 000	29x6,6x102,7	V898		147					

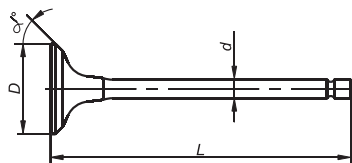
									
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HYUNDAI					HYUNDAI DIESEL				
22211-22003	27,5x6x99	V1041	761010	152	22211-2A100	26,1x5,5x93,1	V1741		155
22212-22011	32x6x98,4	V1042	761011	152	22212-2A100	21x5,5x93,7	V1742		155
22211-21010	34x6,6x102,1	V1145	V3142	152	22211-4A061	31,7x7x110,5	V1845		156
22212-21004	30x6,6x100,9	V1146	S3143	152	22212-4A061	28x7x110,5	V1846		156
22211-23000	32x6x102,3	V1159		153	22211-2F000	29x6x108,5	V2069		156
22212-23000	27,5x6x104,7	V1160		153	22212-2F000	26x6x108,3	V2070		156
22211-26600	29,1x6x91,9	V1507		152	IKARUS				
22212-26000	25x6x92,4	V1508		152	1-04101-0305	55,9x12x148,9	V303	2554	157
22211-02500	23x5,4x100,3	V1509	761001	151	1-04101-0273	48,9x12x148,5	V304	2530	157
22212-02500	27,1x5,4x100,1	V1510	761002	151	1-04101-0302	58x12x148,9	V405	2505	157
	31x6,6x100,9	V1619	V4324	152	1-04101-0303	51,9x12x148,5	V406	2510	157
	33x6,6x101	V1620	S3374	152	10 04101 0008	50x11x166,5	V420		158
22211-37201	32x6x96,2	V1657		154	10 04101 0009	48,5x11x166,5	V421		158
22212-37200	27,5x6x97,3	V1658		154	10 04101 0004	50x11x166	V1299		158
22211-23600	32x6x114,4	V1735		153		+1,0S	V1299N3		158
22212-23600	27,5x6x116,7	V1736		153	10 04101 0005	48,5x11x166	V1300		158
22211-23100	30x6x102,9	V1737		152		+1,0S	V1300N3		158
22212-23100	25,5x6x105,3	V1738		152	IMR				
22211-2B000	31,5x5,5x93,2	V1739		153	702 730	39x8x114,4	V07		158
22212-2B000	26x5,5x92,6	V1740		153		+0,3S	V07N		158
22211-02200	23,5x5,5x99,6	V1751		151		+0,5S	V07N1		158
22212-02200	27x5,5x99	V1752		151		+1,2D	V07N2		158
22211-03200	26,7x5,5x101,15	V1893		152		+0,8S	V07N3		158
22212-03200	24,2x5,5x101,4	V1894		152		+1,0S	V07N4		158
22211-04000	26,8x5,5x93	V2065		151		+2,0S	V07N5		158
22212-04000	24,1x5,5x93,4	V2066		151	702 731	33,4x8x114,4	V08		158
22211-2G000	35x5,5x113,3	V2067		154		+0,3S	V08N		158
22212-25002	29x5,5x106	V2068		154		+0,5S	V08N1		158
HYUNDAI DIESEL						+1,2D	V08N2		158
22212-29000	33x8x111,9	V710	537450	156		+0,8S	V08N3		158
	+0,5S	V710N1		156		+1,0S	V08N4		158
	+1,0S	V710N3		156		+2,0S	V08N5		158
22211-29000	38,5x8x112,4	V721	531005	156	701 440	44,3x9,5x122,9	V199		159
	+0,5S	V721N1		156		+0,3S	V199N		159
	+1,0S	V721N3		156		+0,5S	V199N1		159
MD 083661	40x8x136,5	V943	V3841	156		+0,8S	V199N2		159
MD 083662	34x8x136,5	V944	S3840	156		+1,2S	V199N3		159
22211-42200	42x8x136,1	V1213		156		+0,5S/+0,2d	V199N5		159
22212-42200	36x8x136,1	V1214		156		+0,5d	V199N6		159
22211-27000	28,5x6x95,7	V1395		155		+0,2d	V199N7		159
22212-27000	24,4x6x95,4	V1396		155		+1,2S/+0,5d	V199N9		159
22211-42520	40x8x130,1	V1405	821000	157					
22212-42520	34x8x129,9	V1406	821001	157					
OK0551 — 12111A	34x7x126,2	V1659		157					
OK0551 — 12121A	31,5x7x126,1	V1660		157					

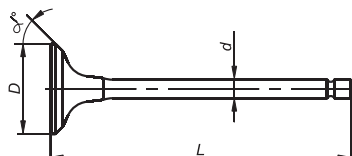
									
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IMR					INNOCENTI				
717 664	36,6x9,5x123,3	V200		159	13711-87701	36x7x101,6	V1141	V3573	160
	+0,3S	V200N		159	13715-87701	33x7x101,6	V1142	S3574	160
	+0,5S	V200N1		159					
	+0,8S	V200N2		159					
	+1,2S	V200N3		159					
	+0,5S/+0,2d	V200N5		159					
	+0,5d	V200N6		159					
	+0,2d	V200N7		159					
	+1,2S/+0,5d	V200N9		159					
719 407	43x8x114,9	V261		160					
719 408	36x8x114,8	V262		160					
717 506	39x8x114,3	V263		158					
	+0,3S	V263N		158					
	+0,5S	V263N1		158					
	+0,8S	V263N2		158					
	+1,0S	V263N3		158					
717 505	33,4x8x114,3	V264		158					
	+0,3S	V264N		158					
	+0,5S	V264N1		158					
	+0,8S	V264N2		158					
	+1,0S	V264N3		158					
732 917	44,3x9,5x122,8	V576		159					
	+0,3S	V199N		159					
	+0,5S	V199N1		159					
	+0,8S	V199N2		159					
	+1,2S	V199N3		159					
	+0,5S/+0,2d	V199N5		159					
	+0,5d	V199N6		159					
	+0,2d	V199N7		159					
	+1,2S/+0,5d	V199N9		159					
732 916	36,6x9,5x123,3	V577		158					
	+0,3S	V200N		159					
	+0,5S	V200N1		159					
	+0,8S	V200N2		159					
	+1,2S	V200N3		159					
	+0,5S/+0,2d	V200N5		159					
	+0,5d	V200N6		159					
	+0,2d	V200N7		159					
	+1,2S/+0,5d	V200N9		159					
INNOCENTI									
4 239 917	36x8x108,5	V152	17002	160					
4 315 062	31x8x109	V153	17001	160					
4 265 695	29x7x95,3	V257	17004	160					
4 266 321	26x7x95,7	V258	17021	160					
7 609 772	37,5x8x108,5	V411	17073	160					
INNOCENTI DIESEL									
5 990 532	37,5x8x116,8	V733	17065	161					
5 990 533	33,5x8x117	V734	17079	161					
13711-87706	34x7x105	V1305		161					
13715-87705	30x7x105	V1306		161					
13711-87704	36x7x105	V1347	V3577	161					
13715-87703	32x7x105	V1348	S3578	161					
INTERNATIONAL HARVESTER CASE (CNH)									
795 730 R1	44,3x9,5x122,9	V199		162					
	+0,3S	V199N		162					
	+0,5S	V199N1		162					
	+0,8S	V199N2		162					
	+1,2S	V199N3		162					
	+0,5S/+0,2d	V199N5		162					
	+0,5d	V199N6		162					
	+0,2d	V199N7		162					
	+1,2S/+0,5d	V199N9		162					
795 729 R1	36,6x9,5x123,3	V200		162					
	+0,3S	V200N		162					
	+0,5S	V200N1		162					
	+0,8S	V200N2		162					
	+1,2S	V200N3		162					
	+0,5S/+0,2d	V200N5		162					
	+0,5d	V200N6		162					
	+0,2d	V200N7		162					
	+1,2S/+0,5d	V200N9		162					
682 952 C1	43,3x11x187	V328		164					
685 278 C1	43,3x11x187	V329	105-03366	164					
	44,3x9,5x122,9	V343	105-03365	162					
	+0,075d	V343.1		162					
	+0,4d	V343.2		162					
	+0,3S	V343N		162					
	+0,5S	V343N1		162					
	+0,8S	V343N2		162					
	+1,2S	V343N3		162					
	+0,5S/+0,2d	V343N5		162					
	+0,5d	V343N6		162					
	+0,2d	V343N7		162					
	+1,2S/+0,5d	V343N9		162					

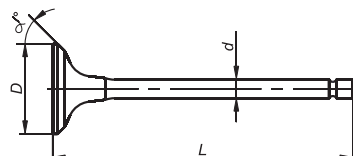
									
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INTERNATIONAL HARVESTER CASE (CNH)					ISUZU DIESEL				
675 406 C2 676 865 C2	36,6x9,5x123,3	V344	105-03366	162	8-94326-843-0	34,6x7x104,1	V671	V 3333	165
	+0,075d	V344.1		162	8-94110-017-3	30,6x7x104	V672	V 3334	165
	+0,4d	V344.2		162	9-94464-921-0	40,1x8x118,1	V1191	V 3825	165
	+0,3S	V344N		162	9-94433-245-0	35,7x8x118,1	V1192	V3226	165
	+0,5S	V344N1		162	13201-43G01	43,5x8x117	V1343	V3851	165
	+0,8S	V344N2		162	13202-31N01	38x8x117	V1344	S3852	165
	+1,2S	V344N3		162	641049	34x6x103,8	V1649		166
	+0,5S/+0,2d	V344N5		162	641360	29x6x103,5	V1650		166
	+0,5d	V344N6		162	8-97137-154-0	33x7x98,2	V1895		165
	+0,2d	V344N7		162	8-97137-155-1	33x7x98,1	V1896		165
	+1,2S/+0,5d	V344N9		162	8-97309-675-1	33x7x107,6	V2005		165
	43x8x133	V384	22001	164	8-97309-677-1	30x7x107,6	V2006		165
	+0,3S	V384N		164	IVECO				
	+0,5S	V384N1		164	8 824 754	48,4x8x137,7	V225	17070	172
	+0,8S	V384N2		164		+0,5S	V225N1		172
	37x8x133	V385	2293	164	8 830 045	40,8x8x137,7	V226	17072	172
	+0,3S	V385N		164		+0,5S	V226N1		172
	+0,5S	V385N1		164	8 823 545	42,9x8x137,7	V228	17044	172
	+0,8S	V385N2		164	8 823 549	36,4x8x137,8	V229	17045	172
	50,1x9,5x147	V529	V3053X	164	4 659 379	43,9x8x125,8	V321	17042	168
	40,6x9,5x147	V530	AS3052	164		+0,3S	V321N		168
	43x8x133	V569	22199	164		+0,5S	V321N1		168
	37x8x133	V570	22165	164		+1,0S	V321N2		168
	43x8x133	V649	22200	164		+1,5S	V321N4		168
	45,5x9x145	V1043	160054	164	4 673 608	36,9x8x125,6	V322	17043	168
	+1,0S	V1043N3		164		+0,3S	V322N		168
	41x9x145	V1044	160055	164		+0,5S	V322N1		168
	+1,0S	V1044N3		164		+1,0S	V322N2		168
	45x8x133	V1048	22306	164		+1,5S	V322N4		168
	17x8x87	V1068		164	7 301 820	41x8x120,7	V326	17062	166
	+0,2d	V1068N		164		+1,0S	V326N3		166
	44,2x9,5x122,8	V1941	105-35608	163	7 301 821	34,4x8x122	V327	17063	166
	42,1x9x145	V1942	16205	164		+1,0S	V327N3		166
	+1,0S	V1942N3		164	99 432 652	45,5x8x125,7	V447	17075	170
	43x10x146	V1977	648207	161		+0,5S	V447N1		170
	41x10x146	V1978	648208	161		+0,8S	V447N2		170
					99 432 717	37,5x8x125,7	V448	17076	170
						+0,5S	V448N1		170
						+0,8S	V448N2		170
					4 813 760	41x8x122	V470	17080	167
						+0,5S	V470N1		167
						+1,0S	V470N3		167
					7 303 309	34,5x8x122	V471	17081	167
						+0,5S	V471N1		167
						+1,0S	V471N3		167
ISUZU									
641 022	32x6x102,1	V511	29375	164					
641 325	29x6x92,2	V512	29354	164					
	34x6x99	V1373		164					
	30x6x100,5	V1374		164					

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IVECO				
98 480 846	59x11x170	V519	171021	176
99 452 179	49x11x170	V520	171022	176
4 797 715	51,5x10x156,7	V537	17077	176
4 704 215	45x10x156,6	V538	17051	176
98 468 338	43,5x8x122	V679	171015	167
	+1,0S	V679N3		167
98 418 161	36,5x8x122	V680	171016	167
	+1,0S	V680N3		167
99 432 837	35,9x8x122	V681	171055	167
	+1,0S	V681N3		167
4 733 349	32,9x8x122	V966	17032	166
504069199	30x6x120,4	V1237		166
500362856	30x6x120,4	V1238		166
4 895 052	33x7x124,7	V1297		170
	+0,5S	V1297N1		170
	+0,8S	V1297N2		170
	+0,2d	V1297N5		170
4 895 051	33x7x124,3	V1298		170
	+0,5S	V1298N1		170
	+0,8S	V1298N2		170
	+0,2d	V1298N5		170
500355778	47x10x199,2	V1443	171111	175
500355780	46x10x197,9	V1444		175
4 849 522	57,5x11x171	V1481		176
4 673 862	57,5x11x170	V1521	438317	176
4 673 861	48x11x170	V1522	438319	176
99456803	40x8x174,5	V1531	171070	173
99457210	39x8x173,3	V1532	171071	173
504042366	43x9x202,9	V1533	171072	175
504042367	42x9x201,6	V1534	171073	175
98497235	46x9x141,2	V1535	171019	172
99433902	38,3x9x141,2	V1536	171020	172
98448462	47x9x142	V1695	171017	172
99438924	42,5x9x142,3	V1696	171018	172
504072531	32,4x6x119,9	V1697		169
504081062	32,4x6x119,9	V1698		169
4 757 358	41x8x121,9	V1885	17062	166
61320722	49,5x9x147,3	V1965	17165	174
61321255	43x9x146	V1966	171121	174
	46x9x141	V2161		172
	38,3x9x141	V2162		172
ЯМЗ (JaMZ) – JAROSLAVSKI MOTORNI ZAVOD				
236–1007010–52	60x12x156,1	V1283		176
236–1007015–55	48x12x155,6	V1284		176

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ЯМЗ (JaMZ) – JAROSLAVSKI MOTORNI ZAVOD				
	51,5x10x160,7 +0,3d 46,3x10x160,7 +0,3d	V1441 V1441.1 V1442 V1442.1		176 176 176 176
JAGUAR DIESEL				
0948.E5	27,2x6x95,8	V1723		177
0949.E1	25x6x95	V1724		177
JEEP				
53020747AB	48,7x7x113,8	V1397		177
53020748	37x7x115,4	V1398		177
33003515	48,5x8x124,7	V1445		177
33003860R	38,1x8x125,5	V1446		177
53010512AA	48,5x8x124,7	V1667		177
53010513AA	38x8x125,5	V1668		177
JEEP DIESEL				
7701 462 232	40,2x8x111,6	V863		177
7701 461 339	33,3x8x111,6	V864		177
3143 1491	40,5x8x114,6	V877	2048	179
3142 A031	35,5x8x114,5	V878	2049	179
05073735	30,1x7x104	V1055		178
05073737	28,4x7x104,4	V1056		178
04720146	40,2x8x121	V1167	4077	178
04720148	34x8x121	V1168	4078	178
68001582AA	29,2x6x87,8	V1607	331121	177
68001583AA	25,4x6x87,5	V1608	331122	177
05066770AA	32,4x6x109	V1645		179
05066769AA	30,9x6x108,3	V1646		179
05175396AA	28,5x6x102,3	V1743		178
05175397AA	25,4x6x102,3	V1744		178
K68027469AA	31,8x6x107,6	V1745		179
K68027470AA	29,2x6x107,8	V1746		179
JOHN DEERE				
R50 358	43,6x9,45x157,3 +0,08d +0,2d +0,4d +0,5d	V531 V531.1 V531N V531N1 V531N2		180 180 180 180 180
R50 357	43,6x9,45x157,7 +0,08d +0,2d +0,4d +0,5d	V532 V532.1 V532N V532N1 V532N2		180 180 180 180 180

				Page No.
ORIGINALE No	D x d x L	AV No	TRW No	
JOHN DEERE				
R84 618	51x9,45x154 +0,25d +0,5d	V843 V843N V843N1		181 181 181
R84 619	47x9,45x157 +0,25d +0,5d	V844 V844N V844N1		181 181 181
	51,6x11x168,7 47,6x11x169	V845 V846		182 182
R43 883	48,3x9,45x156,3	V871		181
R43 679	43,6x9,45x155,9	V872		181
R43 914	44,5x9,45x155,7	V873		181
R44 174	48,3x9,45x158,6	V875		181
R44 175	43,6x9,45x158,3	V876		181
CDX 0881	45x9,5x131 +0,5S +0,2d	V1295 V1295N1 V1295N5	4245	179 179 179
CDX 0634A	40x9,5x131 +0,5S +0,2d	V1296 V1296N1 V1296N5	4246	179 179 179
KIA				
22211-33000	34x6,5x109,6	V927	761003	184
22212-33000	30,5x6,5x109,6	V928	761004	184
OK2NC- 12111	29,2x5,5x96,2	V1239		183
OK2NC- 12121	25,8x5,5x95	V1240		183
OK247 12111	31,5x6x102,9	V1385		183
OK247 12121	27x6x101,5	V1386		183
22211-26600	29,1x6x91,9	V1507		182
22212-26000	25x6x92,4	V1508		182
OK- 30E- 12111	27,8x5,5x96,4	V1601		182
OK- 30E- 12121	24,9x5,5x95,5	V1602		182
22211-37201	32x6x96,2	V1657		184
22212-37200	27,5x6x97,3	V1658		184
22211-23600	32x6x114,4	V1735		183
22212-23600	27,5x6x116,7	V1736		183
22211- 2B000	31,5x5,5x93,2	V1739		183
22212-2B000	26x5,5x92,6	V1740		183
OK30C- 12111	37,1x6,5x105,1	V1747		182
OK30C- 12121	31,6x6,5x103,4	V1748		182
OK9BV-12111A	31,5x6x89,5	V1749		184
OK9BV- 12121	27,6x6x90,1	V1750		184
22211-02200	23,5x5,5x99,6	V1751		182
22212-02200	27x5,5x99	V1752		182
MB30112111	32x7x105,3	V1851		182
KK15012121	28x7x104,2	V1852		182
K95412111	33,7x6x103,4	V1897		183
KIA DIESEL				
RF01- 12- 111	41x8x107	V1023	V3639	186
RF01- 12- 121	36x8x106,8	V1024	S3640	186
22211-27000	28,5x6x95,7	V1395		185
22212-27000	24,4x6x95,4	V1396		185
22211-42520	40x8x130,1	V1405	821000	186
22212-42520	34x8x129,9	V1406	821001	186
OK054- 12111	39,4x8x106,8	V1511		185
OK054- 12121	35,1x8x106,7	V1512		185
OK05511- 2111A	34x7x126,2	V1659	751001	186
OK05511- 2121A	31,5x7x126,1	V1660	751002	186
	44x8,5x112,7	V1671		186
	37,3x8,5x112,8	V1672		186
22211- 2A100	26,1x5,5x93,1	V1741		184
22212- 2A100	21x5,5x93,7	V1742		184
22211- 4A000	31,7x7x110,5	V1753		185
22212-4A000	28x7x110,5	V1754		185
22211- 4A061	31,7x7x110,5	V1845		186
22212- 4A061	28x7x110,5	V1846		186
22211-2F000	29x6x108,5	V2069		185
22212-2F000	26x6x108,3	V2070		185
KLOECKNER-HUMBOLDT DEUTZ				
335 8980	44,6x10x170	V09	2244	196
335 8981	41,6x10x170	V10	2236	196
336 9307	44,6x12x170	V41	2273	195
336 9308	41,6x12x170	V42	2274	195
415 3773	43x8x133	V216	2282	188
	+0,3S	V384N		188
	+0,5S	V384N1		188
	+0,8S	V384N2		188
337 1762	37x8x133	V217	2293	188
	+0,3S	V385N		188
	+0,5S	V385N1		188
	+0,8S	V385N2		188
414 6226	53,6x10x165	V313	2254	197
241 2165	46,6x10x165,3	V314	2294	197
214 8907	46,6x10x165,3	V314A	22105	198

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ORIGINALE No	D x d x L	AV No	TRW No	
KLOECKNER-HUMBOLDT DEUTZ				
415 3629	43x8x133	V384 V384N V384N1 V384N2	22001	190 190 190 190
	43x8x133 +0,3S +0,5S +0,8S	V384A V384N V384N1 V384N2		191 191 191 191
415 3696	37x8x133	V385 V385N V385N1 V385N2	2293	190 190 190 190
	+0,3S +0,5S +0,8S	V385A V385N V385N1 V385N2	2256	191 191 191 191
415 9136	43x8x133	V569	22199	192
415 9137	37x8x133	V570	22165	191
418 5770	53,6x10x165	V571	22202	199
418 5461	46,6x10x165,3	V572	22155	199
418 5463	53,6x10x165,8	V578	22183	199
418 5462	56,6x10x165,5	V610	22182	200
415 9138	43x8x133	V649	22200	191
423 0567	43x8x133	V650	22163	191
415 9140	43x8x133	V677	22162	193
242 5052	53,6x10x165,7	V804		197
415 3455	43x8x133	V807	22104	191
423 1479	45x8x133	V1048	22306	190
0417 0898	40,1x8x124,7 +0,2d	V1261 V1261N	22149	187 187
0417 0899	34,9x8x124,7 +0,2d	V1262 V1262N	22150	187 187
0417 0491	40,5x8x124,9 +0,2d	V1375 V1375N	22143	187 187
0420 8095	41,7x8x127,7	V1399	22244	188
0420 8096	35,9x8x124,7	V1400	22247	188
0428 0350	41,1x8x124,6 0,2d	V1447 V1447N5		187 187
0428 0049	35,4x8x124,6 +0,2d	V1448 V1448N5		187 187
0420 4014	48x9x139	V1525	22221	193
0420 4015	42x9x139	V1526	22220	193
422 6413	46x8x133	V1631	22209	200
422 6412	42x8x133	V1632	22210	200
0425 4934	41,7x8x119,5	V1823	22302	189
0425 4285	35,9x8x119,5	V1824	22305	189
0490 0685	38,2x8x145,9	V1825		195
0490 0686	35,8x8x145,9	V1826		195
0425 4232	34,7x8x114,1	V1935	22304	189
0425 4233	33,4x8x157	V1936	22301	189

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ORIGINALE No	D x d x L	AV No	TRW No	
KLOECKNER-HUMBOLDT DEUTZ				
	42x9x117,2	V1937		193
1215 9602	38x9x117	V1938		193
0428 5985	44,5x8x121,2	V1971	22307	189
0428 5986	38,8x8x121,2	V1972	22308	189
0412 2261	42x8x116,3	V2073	22319	189
0412 2262	35x8x116,3	V2074	22320	189
0428 4042	41,7x8x121,2	V2075	22325	189
0428 4043	35,9x8x121,2	V2076	22323	189
0450 0651	34,4x8x148,2	V2077	22312	192
0450 1941	33,2x8x147,9	V2078	22313	192
0428 3708	48x9x135,5	V2079	22314	194
0428 3709	42x9x135,5	V2080	22315	194
0490 5791	38,2x8x145,8	V2081	22318	195

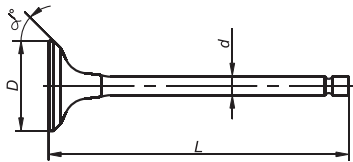
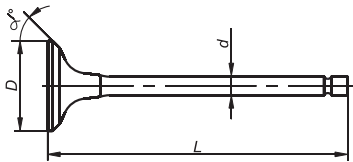
KOMATSU				
6127-41 4113	56,2x11x212,5	V517		201
6127-41 4214	53,1x11x212,5	V518		201

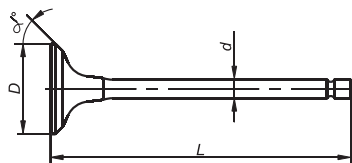
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489298 142	65x14x260	V503		201
489298 144	65x14x206	V504		201

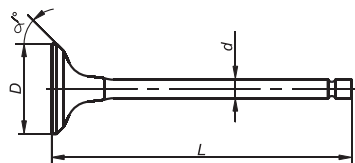
KUBOTA				
	32,9x8x100,9	V1677		201
	26,8x8x101	V1678		201

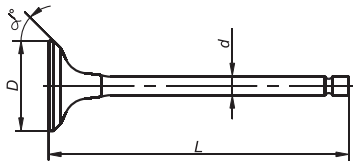
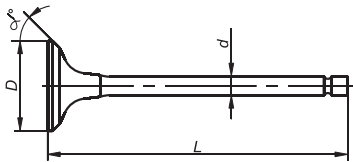
LADA				
2101-1007010	37x8x113	V223	105-34631	201
2101-1007012	31,5x8x113	V224	105-34632	201
21081-1007010	35x8x104	V457	17090	202
2108-1007012	31,5x8x104	V458	17092	202
2108-1007010	37x8x104	V770	17091	202
642 758	33x7x105	V835	29185	202
642 858	29x7x105	V836	29186	202
2112-1007010	29,3x7x96,2	V1049		202
2112-1007012	25,5x7x97,2	V1050		202

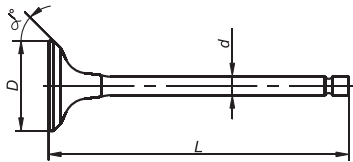
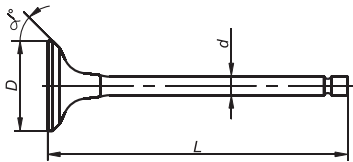
LADA DIESEL				
0949.73	33x8x111,9 +0,5S	V710 V710N1	537 450	203 203
	+1,0S	V710N3		203
0948.59	38,5x8x112,4 +0,5S	V721 V721N1	531 005	203 203
	+1,0S	V721N3		203

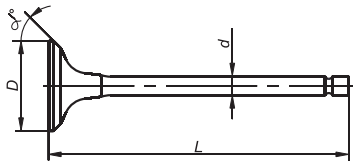
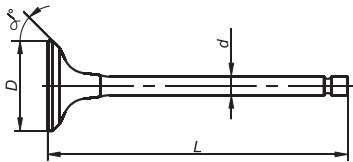
									
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LADA DIESEL					LANCIA				
0948.63	38,5x8x112,4 +0,5S	V721A	537 708	203	96 2986 11	29,6x6x105,7	V1184	533033	210
	+1,0S	V721N1		203	96304413	35x6x108,4	V1247	531015	212
		V721N3		203	96401813	30,5x6x106,9	V1248	531016	212
0949.60	33x8x111,9	V722	537 747	203	7 687 459	27,5x7x128	V1389	171011	210
	+0,5S	V722N1		203	7 687 460	29,5x7x125,5	V1390		210
	+1,0S	V722N3		203	55185028	27x6x95,2	V1451		205
0948.74	37x7x108,5	V1089	537 627	202	55185080	22,4x6x94,7	V1452		205
	+0,5S	V1089N1		202	55194993	31,9x5x98,4	V1555		204
0949.80	31,5x7x108,2	V1090	537 628	202	55194994	27,3x5x98,7	V1556		204
	+0,5S	V1090N1		202	55194219	33,2x5x99,9	V1621		206
LANCIA					55200422	28x5x100,5	V1622		206
4 460 697	36x8x108,5	V152	17002	211	55225886	26,8x6x95,2	V2021		206
4 314 869	31x8x109	V153	17001	206	55225887	23x6x94,9	V2022		206
4 265 695	29x7x95,3	V257	17004	203	55229666	30,15x5x95,5	V2023		206
4 377 979	26x7x95,7	V258	17021	203	55231897	25,3x5x95,3	V2024		206
7 609 772	37,5x8x108,5	V411	17073	206	LANCIA DIESEL				
5 973 128	31x8x109	V412	17001	206	7 301 820	41x8x120,7 +1,0S	V326	17062	216
5 973 129	33,2x8x109	V506	17024	211			V326N3		216
7 574 379	34,4x7x128	V705	17082	208	7 302 157	34,4x8x122 +1,0S	V327	17064	216
7 598 073	28,5x7x125,7	V706	17083	208			V327N3		216
7 712 114	30,3x7x110,4	V727	171034	207	7 547 158	37,5x8x116,5	V707	17060	215
46 413 334	35,5x7x110,4	V728	171033	207	7 588 577	33,5x8x116,5	V708	17061	215
7 766 564	33,5x7x113	V729	171006	208	5 990 532	37,5x8x116,8	V733	17065	215
7 766 565	28x7x108,4	V730	171004	208	5 990 533	33,5x8x117	V734	17079	215
7 666 228	30,4x7x97,1	V731	17054	204	7 798 620	37,5x8x114,2	V1031	171013	214
7 666 227	27,5x7x97,2	V732	17055	204	7 783 225	31x8x114,2	V1032	171014	214
7 617 500	39,5x8x108,5	V735	17089	212	608 14 605	35,5x8x115	V1033	171061	213
46 462 158	30,3x7x102,5	V825	171036	207	608 14 604	34,5x8x115	V1034	171062	213
46 462 159	29,8x7x102,8	V826	171043	207	96 2477 4280	35,6x6x107,1	V1085	531003	215
91 540 748	34,6x7x106,4	V909	537131	210	96 2477 4580	33,8x6x107,1	V1086	531004	215
91 540 782	29,6x7x105,7	V910	537132	210	0948.68	33,9x8x122,3	V1095	537575	216
7 547 400	43,5x8x105,6	V945	17056	209	0949.68	33,9x8x121,9	V1096	537555	216
5 975 341	36,2x8x105,9	V946	17010	209	96271843	29,8x6x105	V1179	531021	216
7 735 898	30x7x113	V963	171005	207	96344375	25x6x105	V1180	531022	216
7 735 899	26x7x108,5	V964	171003	207	96353179	29,9x6x106,2	V1313	531017	216
9605 936	42,6x8x108,8	V997	157579	210	96353184	25x6x106 1	V1314	531018	216
9611 782	34,5x8x108,4	V998	530001	210	46518930	21,7x6x109,2	V1413		213
46 403 681	26,9x6x95,2	V1007	17236	205	46518931	21,7x6x109,2	V1414		213
46 471 639	22,4x6x96	V1008	171035	205	46802049	27,8x6x114,4	V1415		214
46 436 048	31,5x7x97,1	V1079	17245	204	46787902	25,8x6x114,4	V1416		214
96239503	33,3x6x106,2	V1091	531010	210	55206431	27,9x5x114,4	V1595		213
96360017	28,9x6x103,6	V1092	531011	210	55205183	24,5x5x114,4	V1596		213
608 10 666	35,6x7x102,1	V1181	56014	212	55205125	26,5x5x114,4	V1680		213
608 10 667	31,1x7x102,3	V1182	56126	212	0948.E5	27,2x6x95,8	V1723		216
96 2894 33	34,6x6x106,3	V1183	537006	210	0949.E1	25x6x95	V1724		216

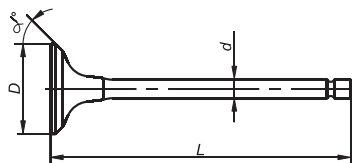
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LANCIA DIESEL				
K68027469AA	31,8x6x107,6	V1745		216
K68027470AA	29,2x6x107,8	V1746		216
55204574	22,45x6x109,2	V1873		213
55223836	22,5x6x109,2	V1874		213
55190248	27,9x5x114,2	V2025		214
55190249	24,9x5x114,2	V2026		214
LAND ROVER				
1134 1 736 549	34,9x6x104,1	V1281	11539	217
1134 1 741 231	30,4x6x103,6	V1282	11897	217
12911A82000	36x7x115,5	V1307	V3663	217
12915A82050	30x7x114,5	V1308	S3664	217
LGH 10029	27,7x6x89,6	V1329	105-35474	217
LGH 10064	31,5x6x89,6	V1331	801003	217
LGH 10065	27,5x6x90	V1332	801004	217
ETC 4067	44,5x7,9x111,4	V1901		217
ETC 5866	34,3x8,7x111,4	V1902		217
LAND ROVER DIESEL				
STC2156	35,9x6x103,7	V939	11732	217
STC2149	30,9x6x103,5	V940	11682	217
LGH 101450	26x6x99,9	V994	11113	218
AEU 2296L	40,2x8x121	V1167	4077	219
LGH 10041	34x8x121	V1168	4078	219
LGH 100990	37,2x7x86,7	V1333	801005	218
LGH 100980	32,5x7x86,7	V1334	801006	218
ERR 1157	39,5x8x116,5	V1647	105-35476	219
ERR 1156	36,5x8x116,5	V1648	105-35477	219
0948.E5	27,2x6x95,8	V1723		218
0949.E1	25x6x95	V1724		218
ERR 6611	34,7x7x105,3	V1731		218
ERR 6612	31,7x7x105,3	V1732		218
ERR 3777	38,9x8x116,3	V1903		219
LEXUS				
13711-70060	29,5x5x91,7	V1905		219
13715-70080	25x5x91,8	V1906		219
LEXUS DIESEL				
13711- 0R010	30,1x6x104,5	V1661		219
13715- 0R010	27x6x104,1	V1662		219
LEYLAND				
10618846	45,7x8,7x145,9	V377		220
10618851	42,8x8,7x145,9	V378		220

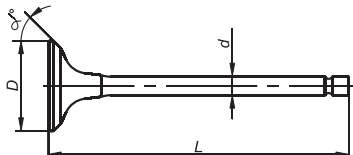
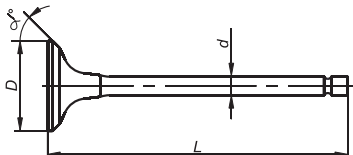
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ORIGINALE No	D x d x L	AV No	TRW No	
LIAZ				
442.1 1209 0145	57x12x163,8	V201		220
61 2 4095	43x10x164,6	V324		220
61 2 3919	43x10x164,6	V325		220
442.1 1209 0155	50x12x163,8	V472		220
LIEBHERR				
9279578	52,2x10x146,5	V1171		220
9279579	48,9x10x146,5	V1172		220
LOMBARDINI				
276-9652-015	40x9x111,9	V240		222
276-9685-019	35,5x9x111,7	V241		222
90-9652-16	32x7x94	V242		221
90-9685-22	28x7x93,8	V243		221
291-9652-019	42x8x111,2	V274		222
291-9685-031	35,5x8x111	V275		222
283-9652-017	34,3x7x99,4	V276		222
	+0,5S	V276N1		222
	+1,0S	V276N3		222
283-9685-027	29,5x7x99	V277		222
	+0,5S	V277N1		222
	+1,0S	V277N3		222
147-9652-120	31,4x7x94	V601		221
147-9685-126	27,4x7x94	V602		221
520-9652-040	34,3x7x83,8	V603		221
520-9685-051	29,5x7x83,5	V604		221
520-9652-025	31,8x7x84,2	V743		220
520-9685-039	27x7x83,8	V744		220
550 9652 099	36,3x7x84	V1393		220
550 9685 104	31,5x7x83,5	V1394		220
	37,6x7x92,2	V1449		220
	33,4x7x92,2	V1450		220
271.9652.005	31x7x99	V1821		221
271.9685.006	26,5x7x99,2	V1822		221
196.9652.130	36x7x91	V1961		220
196.9685.133	32x7x91	V1962		220
LOTUS				
LGH 10029	27,7x6x89,6	V1329	105-35474	223
LGH 10065	27,5x6x90	V1332	801004	223
13711-37020	32x5,5x109,4	V1799		223
13715-37030	27,5x5,5x108,3	V1800		223
MACK				
690GC2187B	57x12,6x174,5	V1203		223
688GC2352A	48x12,6x174,5	V1204		223

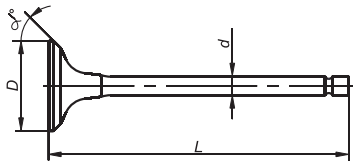
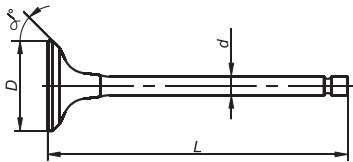
									
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51 04101 0305	55,9x12x148,9	V303	2554	226	31431261	39x8x114,3	V07	105-02076	233
51 04101 0373	48,9x12x148,5	V304	2530	226		+0,3S	V07N		233
51 04101 0379	55,9x12x148,9	V339	2531	226		+0,5S	V07N1		233
1 04101 0302	58x12x148,9	V405	2505	226		+1,2D	V07N2		233
51 04101 0364	51,9x12x148,5	V406	2510	226		+0,8S	V07N3		233
10 04101 0008	50x11x166,5	V420		225		+1,0S	V07N4		233
10 04101 0009	48,5x11x166,5	V421		225		+2,0S	V07N5		233
51 04101 0375	58x12x142,5	V455	25237	227	31431951	33,4x8x114,4	V08	105-02077	233
	+0,5S	V455N1		227		+0,3S	V08N		233
	+1,0S	V455N3		227		+0,5S	V08N1		233
51 04101 0367	51x12x142,5	V456	25238	226		+1,2D	V08N2		233
	+0,5S	V456N1		226		+0,8S	V08N3		233
	+1,0S	V456N3		226		+1,0S	V08N4		233
51 04101 0405	57x12x142,5	V461	2573	226		+2,0S	V08N5		233
51 04101 0349	56,9x12x148,9	V690	2521	226	31431661	35,9x8x116,8	V70	105-03251	232
51 04101 0332	58x12x142,5	V691	2507	226	31431861	30,3x8x117	V71	105-03252	232
51 04101 0417	47x10x136,6	V745	2574	223	31431315	44,2x9,5x122,9	V199		234
51 04101 0410	42x10x136,3	V746	2560	223		+0,3S	V199N		234
51 04101 0425	49x10x136,6	V932	25127	224		+0,5S	V199N1		234
51 04101 0482	46x9x153,6	V1235	25249	231		+0,8S	V199N2		234
	+1,0S	V1235N3		231		+1,2S	V199N3		234
51 04101 0483	46x9x153,6	V1236	25250	231		+0,5S/+0,2d	V199N5		234
	+1,0S	V1236N3		231		+0,5d	V199N6		234
10 04101 0004	50x11x166	V1299		225		+0,2d	V199N7		234
	+1,0S	V1299N3		225		+1,2S/+0,5d	V199N9		234
10 04101 0005	48,5x11x166	V1300		225	31431104	36,6x9,5x123,3	V200		234
	+1,0S	V1300N3		225		+0,3S	V200N		234
51 04101 0328	52x11x155,1	V1301	2520	225		+0,5S	V200N1		234
51 04101 0356	43x11x155,5	V1302	2504	225		+0,8S	V200N2		234
51.04101.0547	46x9x153,6	V1423	25300	231		+1,2S	V200N3		234
	+1,0S	V1423N3		231		+0,5S/+0,2d	V200N5		234
51.04101.0548	45x9x153,6	V1424	25301	231		+0,5d	V200N6		234
	+1,0S	V1424N3		231		+0,2d	V200N7		234
51.04101.0523	44x9x153,6	V1537	25302	232		+1,2S/+0,5d	V200N9		234
51.04101.0524	41x9x153,6	V1538	25303	232	31431311	44,2x9,5x122,9	V343	105-03365	234
51.04101.0537	38x7x141,5	V1541	25304	224		+0,075d	V343.1		234
51.04101.0538	34x7x141,2	V1542	25305	224		+0,4d	V343.2		234
51.04101.0574	40x9x160,4	V1543	25306	225		+0,3S	V343N		234
51.04101.0546	38x9x160,4	V1544	25307	225		+0,5S	V343N1		234
51.04101.0438	58x12x142,5	V2083	25310	229		+0,8S	V343N2		234
51.04101.0439	51x12x142,5	V2084	25311	229		+1,2S	V343N3		234
51.04101.0462	58x12x142,5	V2085	25308	230		+0,5S/+0,2d	V343N5		234
51.04101.0463	51x12x142,5	V2086	25309	230		+0,5d	V343N6		234
						+0,2d	V343N7		234
						+1,2S/+0,5d	V343N9		234

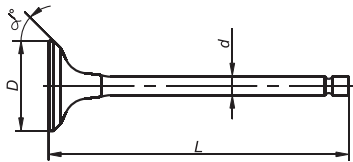
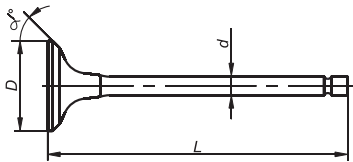
									
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31431881	36,6x9,5x123,3	V344	105-03366	235	98MM6505 B2B	24,1x6x99,4	V1062	105-35542	238
	+0,075d	V344.1		235	98MM6507 C2B	30,1x6x97	V1115	181009	238
	+0,4d	V344.2		235	B657-12111	31x6x105,4	V1143		238
	+0,3S	V344N		235	B660-12121	26,2x6x105,4	V1144		238
	+0,5S	V344N1		235	B308-12111	33x7x105,4	V1153	V3874	236
	+0,8S	V344N2		235	B313-12121	28x7x104,2	V1154	S3875	236
	+1,2S	V344N3		235	C601-12111A	28x6x99,5	V1288		237
	+0,5S/+0,2d	V344N5		235	L801-12111	32,5x5,5x103,4	V1363	181110	238
	+0,5d	V344N6		235	L801-12121C	28x5,5x104,6	V1364	181111	238
	+0,2d	V344N7		235	B541-12111	29,5x6x104	V1383	V3880	237
	+1,2S/+0,5d	V344N9		235	B541-12121	23,5x6x105	V1384	V3881	237
31431281	39x8x114,3	V675	105-03363	233	C201-12111	26x6x99,7	V1411		236
	+0,5S	V675N1		233	C201-12121	22x6x101,8	V1412		236
	+0,8S	V675N2		233	LF01-12111	35x5,5x103,4	V1495	181108	240
	+1,0S	V675N3		233	LF01-12121	30x5,5x104,6	V1496	181109	240
31431591	33,4x8x114,3	V676	105-03364	233	BP05-12111	32,9x6x101,7	V1637	V4321	238
	+0,5S	V676N1		233	BP05-12121A	28x6x102	V1638	S4322	238
	+0,8S	V676N2		233	FS01-12111C	31,5x6x89,8	V1749		239
	+1,0S	V676N3		233	FS01-12121B	27,5x6x90,1	V1750		239
3142L081	43x9x123	V1267		235	ZJ01-12111A	27,7x5,5x98,3	V1755		236
	+1,0S	V1267N3		235	ZJ01-12121	24x5,5x98,8	V1756		236
3142D051	41x9x123	V1268		235	ZY01-12111A	29,2x5,5x97,1	V1757		237
	+1,0S	V1268N3		235	ZY01-12121	25,9x5,5x96,6	V1758		237
3142H071	46,3x9x129,2	V1867		235	ZL02-12111	29,2x6x91,2	V1759		237
3142A151	41,6x9x129,2	V1868		235	ZL02- 12121	25,9x6x90,6	V1760		237
3142H002	44,2x9,5x122,8	V1941	105-35608	234	KF01- 12111A	28,5x6x94,2	V1761		239
					KF01- 12121	23x6x95,2	V1762		239
						33,7x6x103,2	V1869		240
						29x6x104	V1870		240
					YF09-12121	28x6x96,6	V1886		239
					B3C7- 12111A	25,5x6x108,3	V1907		236
					B3D2- 12121A	21,5x6x109,4	V1908		236
					YF09- 12111	32x6x97,1	V1909		239
					L3K9- 12111	35,1x6x103,5	V1911		239
					L3K9- 12121C	30x6x104,7	V1912		239
					AJ03- 12111	34,9x6x114,4	V1913		240
					AJ03- 12121	29,9x6x115,4	V1914		240
					PE01-12-111	33,2x5,5x107,1	V2087		238
					PE01-12-121	28x5,5x117	V2088		239
MAZDA					MAZDA DIESEL				
B366-12111	25,5x6x104	V715		237	89FF6507AA	36,5x8x107,1	V613	18374	241
B366-12121	21,5x6x105	V716		237	89FF6505AA	32x8x109,2	V614	18375	241
1E03-12111	34,5x7x104	V739	18367	236	641 007	34,6x7x104,1	V671	V3333	240
	+0,2d	V739.1		236	641 300	30,6x7x104	V672	S3334	240
	+0,35d	V739N1		236	RF01- 12111	41x8x107	V1023	V3639	241
1E03-12121	29x7x104,4	V740	18366	236					
	+0,2d	V740.1		236					
	+0,35d	V740N1		236					
1E05-12111	26x6x97,7	V915	105-35533	236					
1E05-12121	22x6x99,7	V916	105-35534	236					
1051772	26,1x6x97,7	V959	105-35539	236					
1051770	22,1x6x99,7	V960	105-35540	236					
928M6507 E2A	26x6x97,1	V985	105-35549	238					
948M6505 C2A	24,5x6x96,7	V986	105-35550	238					
F201-12111	32,5x7x115,8	V1017	V3829	239					
F201-12121B	34x7x116,2	V1018	S3830	239					
C601-12111	30x6x99	V1025	181106	237					
C401-12121	24,1x6x101,5	V1026	181107	237					

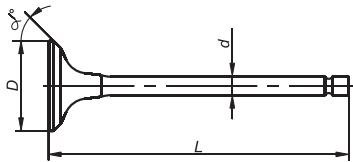
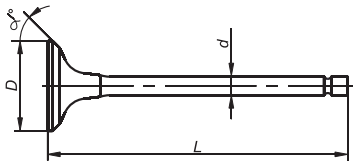
									
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RF01— 12121	36x8x106,8	V1024	S3640	241	102 050 1027	43x7x121,8	V1554	261035	251
Y401— 12111	32,8x5,5x97,3	V1205	181102	240	266 053 0105	38x7x111,7	V1565	26105	250
Y401— 12121	30,3x5,5x97,3	V1206	181103	240	271 053 0001	33x8x111,5	V1566	26106	250
Y601— 12111	25,6x5,5x96,4	V1493	539009	240	271 050 0027	35x7x102,7	V1574		243
Y601— 12121	23,4x5,5x96,6	V1494	539010	240	271 053 0501	30,5x7x105,4	V1763		243
RF2A— 12111	29,7x6x115,3	V1513		241	271 050 0627	27x7x109,2	V1764		243
RF2A— 12121	25,5x6x114,6	V1514		241	272 053 0801	30,5x6x105,4	V1765		243
WL01— 12111	32,7x7x112	V1515		242	272 050 0927	27x6x109,3	V1766		243
WL01— 12121	35,6x7x111,8	V1516		242	272 053 0501	37x6x109,4	V1767		246
RF5C— 12111	27,2x6x115,2	V1639		241	272 050 0827	28x6x107,4	V1768		246
R2AA—12—111	27,3x6x91,8	V1915		241		39,6x6x108,8	V1769		251
R2AA—12—121	25,4x6x91,3	V1916		241		29,9x6x107,3	V1770		251
1449108	31x6x112	V2047		242		39,5x6x108,5	V2001		251
1449109	28x6x112	V2048		242		30x6x107	V2002		251
SH01—12—111	29,7x5,5x103	V2089		241	273 053 0326	42x6x107,9	V2009		251
SH01—12—121A	25,5x5,5x100	V2090		241	273 050 0427	32x6x107,3	V2010		251
MERCEDES – BENZ					MERCEDES – BENZ DIESEL				
021 109 601H	39x7x106	V929	39372	243	615 053 0101	38,8x10x131,5	V651	2622	253
021 109 611D	34,2x7x107	V930	39300	243		+1,0S	V651N3		253
102 053 0601	40x8x114,9	V989	2600	247	615 053 0705	33,2x10x131	V652	2696	253
102 050 0427	36x9x115,8	V990	2601	247		+1,0S	V652N3		253
102 053 1801	43x8x115	V991	26160	247	601 053 1701	38x8x106,4	V653	26024	253
102 050 0327	39x9x115,8	V992	2655	247		+0,5S	V653N1		253
102 053 1701	46x8x114,9	V993	26135	250		+0,8S	V653N2		253
104 053 1401	35x7x101,5	V1099	26165	247		+1,0S	V653N3		253
104 050 1727	31x8x103,5	V1100	26166	247		+1,2S	V653N4		253
160 053 0001	30x6x89,3	V1125		242		+1,0L	V653N5		253
160 053 0027	25x6x89,3	V1126		242	616 053 0301	39,8x10x131,5	V655	2605	257
111 053 1101	35x7x101,5	V1229	26048	245		+1,0S	V655N3		257
111 050 1227	31x7x103,5	V1230	26049	245	616 050 0527	34,2x10x131	V656	2631	257
113 053 0001	30x7x120,7	V1425	261030	244		+1,0S	V656N3		257
113 050 0127	34x7x121,7	V1426	261031	244	617 053 0001	39,8x10x131,5	V669	2637	258
111 053 1201	33x7x101,5	V1437		245	617 050 0027	34,2x10x131,5	V670	2638	258
111 050 1327	29x7x103,5	V1438		245	615 053 0501	38,8x10x131,5	V857	2641	253
166 053 0201	43x6x103	V1527	261038	243		+1,0S	V857N3		253
166 050 0427	36x7x102,7	V1528	261039	244	606 053 1101	29x6x105,4	V907	26045	254
111 053 0301	33x7x101,5	V1545	26230	245	606 050 1127	26x7x105,7	V908	26047	254
111 050 0627	29x7x103,5	V1546	26263	245	601 050 2327	35x9x106,4	V912	26145	253
111 053 0201	35x7x101,5	V1547	26208	248		+0,5S	V912N1		253
111 050 0527	31x7x103,5	V1548	261114	248		+0,8S	V912N2		253
166 053 0101	40x6x103	V1549	261036	242		+1,0S	V912N3		253
166 050 0327	34x7x102,7	V1550	261037	242		+1,2S	V912N4		253
113 053 0101	36x7x119,4	V1551	261032	244		+1,0L	V912N5		253
113 050 0227	41x7x122,3	V1552	261033	244	606 053 0705	26x6x105,7	V1054	26046	257
113 053 0201	38x7x119,1	V1553	261034	251	611 053 0101	30,1x7x104	V1055	261102	255

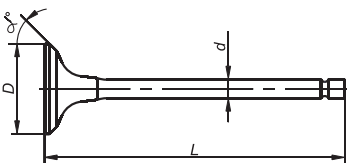
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606 053 0701	29x6x105,4	V1059	26264	257
606 053 0305	26x6x105,7	V1060	26265	257
668 053 0301	29,6x6x105,2	V1097	261042	252
668 050 0227	24,6x7x105	V1098	261043	252
628 053 0001	28,7x7x104	V1629	261124	256
628 053 0005	26,2x7x104,5	V1630	261125	256
642 053 0401	28,5x6x102,3	V1743		252
642 050 0527	25,4x6x102,3	V1744		252
651 053 0101	28,5x6x108,8	V1997	261140	252
651 050 0127	24,6x6x109,2	V1998	261141	252
MERCEDES – BENZ INDUSTRIAL DIESEL				
352 053 1505	36x10x140,5 +1,0S	V169 V490N3	1604	258 258
327 053 0705	43x10x150	V297	16008	260
403 053 0901	59x12x142,5 +1,0S	V298 V298N3	1606	260 260
403 050 1027	51x12x142,5 +1,0S	V299 V299N3	1608	260 260
346 053 0101	42x9x129,8	V300A	1657	264
327 053 0701	54x10x150	V301	1659	260
346 053 0105	37x9x165,3	V302	1658	264
423 050 0026	59x12x142,5 +1,0S	V311 V298N3	1606	260 260
423 050 0427	51x12x142,5 +1,0S	V312 V299N3	1608	260 260
423 050 0327	51x12x142,5 +1,0S	V312A V299N3	16053	261 260
442 050 0326	59x12x142,5 +0,5S +1,0S	V466 V466N1 V466N3	16117	262 262 262
442 050 0526	59x12x142,5 +0,5S +1,0S	V466B V466N1 V466N3	16147	264 264 264
422 050 0027	51x12x142,5 +0,5S +1,0S	V467 V467N1 V467N3	16116	262 262 262
442 050 0227	51x12x142,5 +0,5S +1,0S	V467B V467N1 V467N3	16150	263 263 263
366 050 0326	42x9x140,5	V487	16130	259
366 050 0227	36x10x140,5	V488	16122	259
366 050 0226	42,8x9x140,5 +1,0S	V489 V489N3	16109	258 258
MERCEDES – BENZ INDUSTRIAL DIESEL Modulazioni ventili				
541 016 0791	17x8x87 +0,2d	V1068 V1068N	261101	268 268
906 016 0491	15x8x83,5 +0,2d	V1224 V1224N		268 268
442 016 0391	17x8x90 +0,2d	V1266 V1266N	50 004 665	268 268
442 016 0191	17x8x84,2 +0,2d	V1376 V1376N	50 004 664	268 268
906 016 0791	15,2x6x81,8 +0,2d	V1420 V1420N	50 009 053	268 268

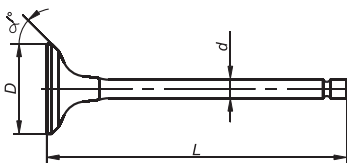
									
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MG					MITSUBISHI				
LGH 10029	27,7x6x89,6	V1329	105-35474	269	MD— 016461	30x6,6x100,9	V1146	S3143	272
LGH 10064	31,6x6x89,6	V1331	801003	269	MD— 301193	33x6x112,5	V1195		275
LGH 10065	27,5x6x90	V1332	801004	269	MD-197097	29x6x114	V1196		275
MG DIESEL					MD 162422	30x6x110	V1517		274
LGH 101450	26x6x99,9	V994	11113	269	MD 162423	27x6x113,6	V1518		274
LGH 100990	37,2x7x86,7	V1333	801005	269	MD 075925	38x8x103,5	V1567	V3376	273
LGH 100980	32,5x7x86,7	V1334	801006	269	MD 075927	31x8x100	V1568	S3374	273
MINI					MD 162780	33x6x104,2	V1599		274
11347587470	28,8x5x105,7	V1673		270	MD 162800	28,2x6x103,8	V1600		274
11347547187	26x5x101,1	V1674		270	MD 128435	31x6,6x100,9	V1619	V4324	272
11347533884	30x5x97	V1701		270	MD 139755	33x6,6x101	V1620	S4325	272
11347533885	25,1x5x110,8	V1702		270	MD 342090	27x5,5x111,6	V1771		272
11341485585	30,3x6x109,5	V1705		270	MD 342091	23,4x5,5x114,8	V1772		272
11347829943	23,3x6x118,3	V1706		270	MR 984260	30,4x5x89,5	V1773		273
11347585901	29,7x5x95,1	V2031		270	MR 984261	25,4x5x91	V1774		273
MINI DIESEL					MD 339752	29x5,5x111,7	V1775		273
1134 7 791 054	30,6x6x100	V1487		271	MD 339754	25,4x5,5x114,7	V1776		273
1134 7 791 055	28x6x99,8	V1488		271	MR 994497	34x6x111,5	V1777		275
1134 7 805 968	25,6x5,5x96,4	V1493	539009	271	MR 994498	30,5x6x113,6	V1778		275
1134 7 805 969	23,4x5,5x96,6	V1494	539010	271	MD 128434	26x6,6x100,7	V1839		273
1134 7 812 618	24,8x5x94	V2037		271		35x5,5x113,2	V2017		273
1134 7 812 616	21,2x5x94	V2038		271		28,9x5,5x105,9	V2018		273
	25,6x5,5x96,1	V2093	539009	271	MITSUBISHI DIESEL				
	23,5x5,5x96,3	V2094	539010	271	7701 466 716	36,1x8x111,7 +1,0S	V855 V855N3	517983	276
MIO STANDARD – HONDA					7701 466 717	31,6x8x111.3 +1,0S	V856 V856N3	517963	276
14711 887 0000	26x7x81,6	V621		271	MD-083661	40x8x136,5	V943	V3841	277
14721 887 0000	23,5x7x81,5	V622		271	MD-083662	34x8x136,5	V944	S3840	277
14711 883 0000	29x7x96,3	V623		271	MW 30620685	35,4x7x111	V951	511013	276
14721 883 0000	26x7x96,8	V624		271	MW 30620686	32,6x7x110,8	V952	511014	276
14711 823 020	34x7x89,75	V625		272	ME-200050	41x8x108,6	V1005		277
14721 823 020	29x7x89,75	V626		272	ME-200051	35x8x108,4	V1006		277
14711 822 010	29x7x82,75	V627		271	M-889130	35x8x110,5	V1057		275
14721 822 020	26x7x80,75	V628		271	M— 889131	31,5x8x110,5	V1058		275
14711 816 325	19x4,8x55,5	V629		272	MD 173602	36x8x114,1	V1207		276
14721 844 000	16x4,8x55,5	V630		272	MD 180356	31,9x8x113,6	V1208		276
MITSUBISHI					ME 203101	33x6,5x115,5	V1323		278
MD 127840	34x6,5x109,6	V927	761003	274	ME 203102	30,9x6,5x115,4	V1324		278
MD 127841	30,5x6,5x109,6	V928	761004	274	MD 198404	40x8x130,1	V1405	821000	277
MD-016460	34x6,6x102,1	V1145	V3142	272	MD 198406	34x8x129,9	V1406	821001	277
					MN 980080	29,2x6x87,8	V1607	331121	276
					MN 980081	25,4x6x87,5	V1608	331122	276
					MN 960088	28,5x6x102,3	V1743		275
					MN 960089	25,4x6x102,3	V1744		275

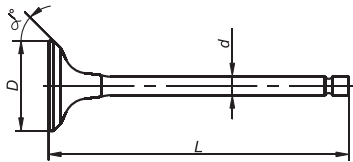
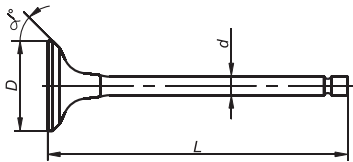
									
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mitsubishi diesel					MWM				
MN 176597	31,5x6x107,6	V1981		277	6 226 0 460 005 4	41x9x117	V337		280
MN 176 598	27,5x6x107,9	V1982		277	6 308 0 460 002 4	38x9x117	V338		280
22211-42860	40x8x132	V2095		277	6 308 0 460 001 4	38x9x117	V687	2723	279
22212-42860	34x8x132	V2096		277		+1,0S	V687N3		279
					6 207 0 460 301 4	35x9x117	V688	2721	279
						+1,0S	V688N3		279
					6 232 0 460 002 4	46x11x151,9	V689		281
					6.228.0.460.301.4	42x9x117,2	V1937		281
					6.228.0.460.302.4	38x9x117	V1938		281
					12159606	47x9x117	V1967	27119	281
					12159608	43x9x117	V1968	27104	281
					12156904	47x9x117	V2097	27139	281
						+1,0S	V2097N3		281
						+2,0S	V2097N5		281
					12156905	43x9x117	V2098	2745	281
						+1,0S	V2098N3		281
						+2,0S	V2098N5		281
					6.234.0.460.006.4	58x10x162,9	V2099	2742	282
					6.234.0.460.005.4	53x10x161,9	V2100	27304	282
						47x9x152,7	V2101	27300	282
						43x9x152,7	V2102	27301	282
					632134600014	41x10x129	V2143	2786	280
						+1,0S	V2143N3		280
						+2,0S	V2143N5		280
					632134600024	37x10x129	V2144	2787	280
						+1,0S	V2144N3		280
						+2,0S	V2144N5		280
MTZ					NISSAN				
50 100 7014	47,8x11x158	V533		278	13201-00QAG	32,8x6x106,8	V867	511019	283
	+0,3S	V533N		278	13202-00QAH	29,9x6x106,7	V868	511020	283
	+0,5S	V533N1		278	13202-00QAE	28,9x5,5x108,9	V982	539014	286
	+0,8S	V533N2		278	7701 471 378	32,7x5,5x109,3	V1013	531029	285
	+1,0S	V533N3		278	7701 471 379	28x5,5x107,6	V1014	531030	285
50 100 7015	41,8x11x158	V534		278	13201-00QAJ	26x5,5x110,7	V1165		283
	+0,3S	V534N		278	13202-00QAK	22x5,5x112,5	V1166		283
	+0,5S	V534N1		278	13201- 57Y00	30x5,5x92,3	V1199	V4307	284
	+0,8S	V534N2		278	13202-57Y00	24x5,5x92,6	V1200	S4308	284
	+1,0S	V534N3		278	13201- 99B10	27,5x5,5x95,8	V1201	1123	283
240-100-7014	48x11x158	V1051		279	13202- 99B10	22,5x5,5x95,8	V1202	1124	283
	+0,5S	V1051N1		279	13201- 70J00	34x6x101,5	V1209	V3846	286
240-100-2015	42x11x158	V1052		279	13202- 70J10	30x6x102,5	V1210	81021	286
	+0,5S	V1052N1		279	13202-9F600	25x5,5x92,6	V1410	701021	285
	+0,8S	V1052N2		279	13201- 10B00	35,1x7x109,7	V1459	V3426	282
212K438-95	48x11x158	V1053		279	13202-10B00	30,1x7x109,4	V1460	S3427	282
	+0,5S	V1053N1		279	13202-50K02	30,1x7x109,2	V1462		282
	+0,8S	V1053N2		279	13201- 2F200	34,1x6x98,4	V1463	701022	286

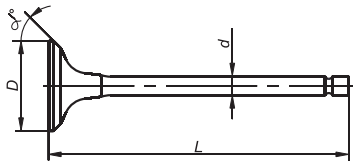
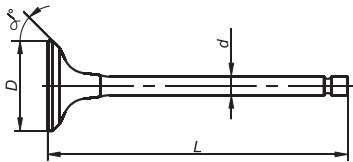
									
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13202— 2F210	30,1x6x99,3	V1464	701012	286		31,2x8x95	V544	39116	288
13201— N8501	42x8x124,4	V1569	V3114	287		+0,3S	V544N		288
13202—N8500	38x8x125,4	V1570	S3131	287		+0,5S	V544N1		288
13201— H9500	35x8x99,8	V1581		285		+0,8S	V544N3		288
13202—H9500	30x8x99,8	V1582		285		+1,5S	V544N4		288
13202—89J00	30x6x102,4	V1640	701006	286		+1,0S	V544N5		288
13201— BH300	35,6x6x97,2	V1781		287	13201—60J02	39x7x99,8	V853	V4339	290
13202—6N200	30,7x6x98,8	V1782		287	13202— 60J02	32x7x99,6	V854	S4340	289
13201—1F700	27,5x5,5x97,8	V1783		283	13201—16A00	36x7x100,9	V913	V3275	289
13202—1F700	22,5x5,5x97,9	V1784		283	13202—16A00	31x7x100,9	V914	S3274	289
13201—BM505	29x5,5x94,4	V1785		285	13201—22301	39x7x102,8	V947	V3853	290
13202—BM500	24x5,5x94,7	V1786		285	13202—V7202	32x7x102,6	V948	S3854	290
13201— AU300	30x5,5x94,3	V1787		286	13201—22J11	39x7x101,8	V949	V3855	290
13202—AU300	25x5,5x94,7	V1788		286	13202— 40L01	32x7x101,6	V950	S3856	290
13201—VC200	38,5x7x100,2	V1789		287	13201—AW300	35,4x7x111	V951	511013	289
13202—VC200	33,3x7x98,3	V1790		287	13202—AW300	32,6x7x110,8	V952	511014	289
13201— ED000	31,1x5x101,7	V1791		285	13201— BN700	33,4x6x101	V979	539017	287
13202—ED000	25,4x5x102,5	V1792		285	13202—BN700	28,9x6x100,8	V980	539018	287
13201— EN20A	33,9x5,5x106,3	V1793		286	13202—00QAE	28,9x5,5x108,9	V982	539014	289
13202—EN200	27,7x5,5x105,2	V1794		286	13201—6F900	37x7x108,4	V1089	537627	288
13201—4M500	29x5,5x92,2	V1917	701010	284		+0,5S	V1089N1		288
13202—2F000	24x5,5x92,6	V1918	701009	284	13202— 6F900	31,5x7x108,2	V1090	537628	288
13201—BM500	29,1x5,5x92,3	V1919		284		+0,5S	V1090N1		288
13201—4A00A	27,5x5,5x87,5	V1923		284	13201— 57J02	39x7x100,8	V1187	V4337	289
13202—4A00D	22,9x5,5x87,1	V1924		284	13202—57J02	32x7x100,6	V1188	S4338	289
13201—00QAE	33,4x5,5x110,1	V1983		286	13201— 0Y000	39,1x7x101,7	V1241	701013	290
13201—BC000	27,5x5,5x97,9	V2105		284	13202—4P400	32,1x7x101,6	V1242	701014	290
13202—BC000	22,5x5,5x97,9	V2106		284	13201— F6511	34,1x6x103,2	V1253		291
13201—1KT04	31,7x5x101,7	V2107		285	13202— F6511	29,6x6x103,7	V1254		291
NISSAN DIESEL					13201—00QAD	30,7x6x123,1	V1279	539020	291
	34x8x104,8	V541	33028	288	13202—00QAD	29,5x6x123,1	V1280	539021	291
	+0,3S	V541N		288	13201—43G01	43,5x8x117	V1343	V3851	292
	+0,5S	V541N1		288	13202—31N01	38x8x117	V1344	S3852	292
	+0,8S	V541N3		288	13201—G2403	43,5x8x117	V1367	V4311	292
	+1,5S	V541N4		288	13202—G2403	38x8x117	V1368	S4312	292
	+1,0S	V541N5		288	13201—9C600	41,5x8x118	V1465	701019	290
	31,2x8x104,6	V542	33029	288	13202—9C601	33,1x8x117,6	V1466	701020	290
	+0,3S	V542N		288	13201—2W200	32x7x113,4	V1467		291
	+0,5S	V542N1		288	13202—2W200	30x7x113,4	V1468		291
	+0,8S	V542N3		288	13201— D9702	39,3x8x118,2	V1589		290
	+1,5S	V542N4		288	13202—D9702	32,1x8x118,1	V1590		290
	+1,0S	V542N5		288	13201 — AD210	28,2x6x106,7	V1643		291
	34x8x95,1	V543	39183	288	13202—AD200	26,2x6x106,4	V1644		291
	+0,3S	V543N		288	13201—9X700	44,9x9,5x123,1	V1795		292
	+0,5S	V543N1		288	13202—9X700	38,9x9,5x123,4	V1796		292
	+0,8S	V543N3		288	13201—00Q0A	27,7x6x104	V1797		289
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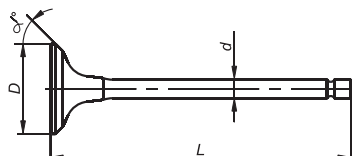
									
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NISSAN DIESEL					OPEL				
13202-00Q0A	26x6x103,8	V1798		289	642 858	29x7x105	V836	29186	301
13201-67U00	38x7x102	V1921		290	642 898	29x7x101,1	V838	3489	296
13202-67U00	33x8x102,4	V1922		290		+0,075d	V838.1		296
13201-0DQAE	33,4x5,5x110,1	V1983		289		+0,15d	V838.2		296
13201-0370R	23,5x6x104,2	V2103		288		+0,2d	V838N		296
13202-4894R	23,4x6x104,1	V2104		288	642 679	38x7x101,1	V859	29316	297
13201-1AT0A	28,5x6x106	V2109		291	642 854	31x7x101,1	V860	29300	297
13202-1AT0A	25,9x6x105,5	V2110		291	642 663	45x9x122,5	V881	29170	303
OM „see” IVECO					642 826	40x9x123,7	V882	29100	303
					641 045	28x5x93,8	V883	29455	293
					641 364	25x5x93,8	V884	29456	293
					642 675	32x7x98,9	V893	29317	293
OPEL						+0,075d	V893.1		293
						+0,15d	V893.2		293
						+0,2d	V893N		293
642 873	37x9x123,7	V245	3439	302	642 837	27x7x99,5	V894	29318	293
	+0,075d	V245.1		302		+0,075d	V894.1		293
	+0,15d	V245.2		302		+0,15d	V894.2		293
	+0,2d	V245N		302		+0,2d	V894N		293
642 763	33x7x105	V357	3471	295	642 643	38x8x106,1	V975	29139	300
642 890	29x7x105	V358	3474	295	642 805	34x8x106,1	V976	29142	300
641 002	33x7x105	V380	29237	294	7701 471 280	28,9x5,5x108,9	V982	539014	300
641 302	29x7x105	V381	29296	294	642 647	41x8x106,1	V995	2900	300
641 022	32x6x102,1	V511	29375	299	642 793	35x8x106,1	V996	2906	300
641 325	29x6x92,2	V512	29354	299	641 015	38x7x104,6	V999	29383	295
642 750	42x9x123	V609	3434	302	641 317	31x7x104,6	V1000	29384	295
	+0,075d	V609.1		302	641 048	31,2x5x101,4	V1003	341001	298
	+0,15d	V609.2		302	641 357	27,5x5x100,8	V1004	341002	298
	+0,2d	V609N		302	642 924	29x7x99,4	V1038	29319	296
641 034	31x6x103,1	V639	29397	295		+0,075d	V1038.1		296
641 340	27,5x6x102,2	V640	29429	295		+0,15d	V1038.2		296
642 667	41,8x7x103,8	V641	29107	301		+0,2d	V1038N		296
642 829	36,5x7x103,6	V642	29292	301	641 056	35,1x6x102,3	V1069	291109	302
642 912	37x9x123,7	V678	3477	303	641 373	30,1x6x100,9	V1070	291110	302
642 188	32x7x99,3	V775	2940	293	641 008	37,4x7x89,3	V1291	29267	304
	+0,075d	V775.1		293	641 310	30,4x7x96,1	V1292	29270	304
	+0,15d	V775.2		293		34x6x99	V1373		303
	+0,2d	V775N		293		30x6x100,5	V1374		303
642 814	27x7x101,1	V776	3414	293	642 011	31,2x5x117,2	V1429	291106	297
	+0,075d	V776.1		293	641 379	27,5x5x116,2	V1430	291107	297
	+0,15d	V776.2		293	641 013	42x9x122,3	V1591	29324	303
	+0,2d	V776N		293	641 313	36x9x123,2	V1592	29323	303
642 635	35x8x106,1	V817	2920	298	641 076	31,2x5x113,9	V1611		297
642 789	32x8x106,1	V818	2934	298	641 391	27,5x5x113,2	V1612		297
642 758	33x7x105	V835	29185	301	4708925	27,5x5,5x87,5	V1923		293
					4708933	22,9x5,5x87,1	V1924		293

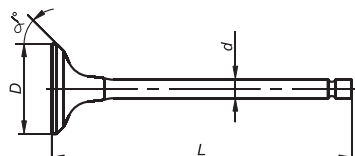
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OPEL				
44 11 048	33,4x5,5x110,1	V1983		300
12911-69L00-000	27,5x5x87,5	V2111		293
12915-69L00-000	22,9x5x87,1	V2112		293
55565261	27,7x5x114,4	V2115		302
55565262	24,3x5x114,4	V2116		302
641 460	31,2x5x99,9	V2117		298
641 459	27x5x99,3	V2118		298
OPEL DIESEL				
7 301 820	41x8x120,7 +1,0S	V326 V326N3	17062	313 313
642 659	42x8x127,2 +0,075d +0,15d +0,2d +0,4d	V619 V619.1 V619.2 V619N V619N1	2908	312 312 312 312 312
642 935	34,5x8x127,2 +0,075d +0,15d +0,2d +0,4d	V620 V620.1 V620.2 V620N V620N1	29246	312 312 312 312 312
642 759	42x8x127,2 +0,075d +0,15d +0,2d +0,4d	V643 V643.1 V643.2 V643N V643N1	3447	311 311 311 311 311
642 882	34,5x8x127,2 +0,075d +0,15d +0,2d +0,4d	V644 V644.1 V644.2 V644N V644N1	3450	311 311 311 311 311
641 007	34,6x7x104,1	V671	V3333	305
641 300	30,6x7x104	V672	S3334	305
99432837	35,9x8x122 +1,0S	V681 V681N3	171055	313 313
642 651	36x8x123,2 +0,3S +0,5S +1,0S	V695 V695N V695N1 V695N3	29182	306 306 306 306
641 353	32x8x123,2 +0,3S +0,5S +1,0S 35,2x8x111,6 36,1x8x111,7 +1,0S	V696 V696N V696N1 V696N3 V837 V855 V855N3	29416 510203 517983	306 306 306 306 307 307 307

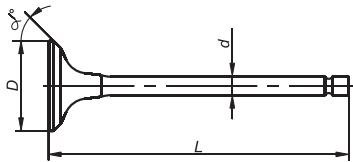
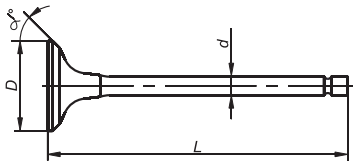
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	35,9x6x103,7	V885	539000	307
	30,9x6x103,5	V886	539001	307
641 041	35,4x7x111	V939	11732	308
641 346	32,6x7x110,8	V940	11682	308
7700 110 387	29x6x97,1	V951	511013	307
7700 110 389	26x6x97,1	V952	511014	307
642 168	27,4x6x98,5	V953	290002	310
642 211	26,5x6x98,1	V954	290003	310
641 025	35,5x8x115	V977	291030	305
641 369	34,5x8x115 40,2x8x121 34x8x121	V978 V1033 V1034	291031 171046 171047	305 308 308
605 07 189	40,1x8x118,1	V1167	4077	312
605 04 864	35,7x8x118,1	V1168	4078	312
641 042	30,7x6x123,1	V1191	V3825	312
641 352	29,5x6x123,1	V1192	S3826	312
4506083	21,7x6x109,2	V1279	539020	308
4506084	21,7x6x109,2	V1280	539021	308
641 072	27,8x6x114,4	V1413		304
641 071	25,8x6x114,4	V1414		304
641 074	32x7x113,4	V1415		309
641 386	30x7x113,4	V1416		309
441 5247	27,9x5x114,4	V1467		313
441 5246	24,5x5x114,4	V1468		313
641 404	28,6x6x95,7	V1595		309
641 403	24,4x6x95,7	V1596		309
4805321	34x6x103,8	V1625		309
4805322	29x6x103,5	V1626		309
641 049	27,5x6x98,5	V1649		313
641 360	26,5x6x98,1	V1650		313
641 067	27,7x6x104	V1779		311
641 384	26x6x103,8	V1780		311
13201-00Q0A	22,45x6x109,2	V1797		310
13202-00Q0A	22,5x6x109,2 27,4x6x102,6 25,45x6x102,4	V1798 V1873 V1874		310 304 304
641 085	28,8x5,5x101,9	V2041		306
641 086	26,45x5,5x101,9	V2042		306
4802219	27,7x6x103,9	V2043		310
4802220	30x6x98,4	V2044		310
4420439	28x6x97,9	V2119		310
641 084		V2121		311
641 0397		V2122		311

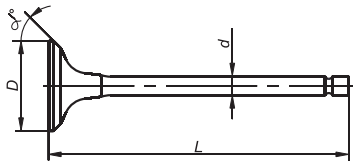
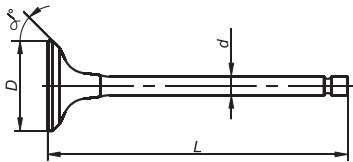
									
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PERKINS					PERKINS				
3143 1261	39x8x114,4	V07	105-02076	314	3143 1281	39x8x114,3	V675	105-03363	315
	+0,3S	V07N		314		+0,5S	V675N1		315
	+0,5S	V07N1		314		+0,8S	V675N2		315
	+1,2D	V07N2		314		+1,0S	V675N3		315
	+0,8S	V07N3		314	3143 1591	33,4x8x114,3	V676	105-03364	315
	+1,0S	V07N4		314		+0,5S	V676N1		315
	+2,0S	V07N5		314		+0,8S	V676N2		315
3143 1951	33,4x8x114,4	V08	105-02077	314		+1,0S	V676N3		315
	+0,3S	V08N		314	3143 1491	40,5x8x114,6	V877	2048	315
	+0,5S	V08N1		314	3142 A031	35,5x8x114,5	V878	2049	315
	+1,2D	V08N2		314	3143 1154	46,9x9,5x132,5	V887		317
	+0,8S	V08N3		314	3143 1142	40,5x9,5x132,5	V888		317
	+1,0S	V08N4		314	3142 L071	45x9,5x122,9	V1077	105-35459	317
	+2,0S	V08N5		314		+1,0S	V1077N3		317
3143 1661	35,9x8x116,8	V70	105-03251	313	3142 A051	37,5x9,5x123,3	V1078	105-35460	316
3143 1861	30,3x8x117	V71	105-03252	313		+1,0S	V1078N3		316
3143 1681	39x8x114,3	V263	105-34643	315	3142 H011	44x7x106,5	V1111		314
	+0,3S	V263N		315	3142 A101	37,2x7x106,3	V1112		314
	+0,5S	V263N1		315	3142 L072	45x9,5x123	V1185		317
	+0,8S	V263N2		315		+1,0S	V1185N3		317
	+1,0S	V263N3		315	3142 L081	43x9x123	V1267		317
3143 1761	33,4x8x114,3	V264	105-34644	315		+1,0S	V1267N3		317
	+0,3S	V264N		315	3142 D051	41x9x123	V1268		317
	+0,5S	V264N1		315		+1,0S	V1268N3		317
	+0,8S	V264N2		315	3142 D041	43x9x123	V1269	105-35609	317
	+1,0S	V264N3		315		+1,0S	V1269N3		317
3143 1641	44,3x9,5x122,9	V343	105-03365	316	3142 D031	41x9x123	V1270	105-35610	317
	+0,075d	V343.1		316		+1,0S	V1270N3		317
	+0,4d	V343.2		316	314 31701	36,6x9,5x127,1	V1422		316
	+0,3S	V343N		316	BDU 1399	37,2x7,4x93,8	V1489	105-35457	314
	+0,5S	V343N1		316	BDU 1400	33,6x7,4x93,8	V1490	105-35458	314
	+0,8S	V343N2		316	3142 H041	45x9x124,1	V1587	105-35611	317
	+1,2S	V343N3		316	3142 D061	42x9x124,1	V1588	105-35612	317
	+0,5S/+0,2d	V343N5		316		42x7x106,4	V1733		314
	+0,5d	V343N6		316	1457503	34x7x106,3	V1734		314
	+0,2d	V343N7		316	1457499	41,8x7x115,5	V1841		314
	+1,2S/+0,5d	V343N9		316	3142H007	38x7x115,5	V1842		314
3143 1109	36,6x9,5x123,3	V344	105-03366	316	3142A091	46,4x9x129,1	V2019		317
	+0,075d	V344.1		316	3142 H101	41,6x9x128,4	V2020		317
	+0,4d	V344.2		316	3142 A171				
	+0,3S	V344N		316	PEUGEOT				
	+0,5S	V344N1		316	7 609 772	37,5x8x108,5	V411	17073	328
	+0,8S	V344N2		316	5 973 129	33,2x8x109	V506	17024	328
	+1,2S	V344N3		316	0948.33	42,6x8x118,6	V593	537819	326
	+0,5S/+0,2d	V344N5		316	0949.27	35,5x8x112,2	V594	537909	326
	+0,5d	V344N6		316	0948.93	39,4x7x111,5	V631	531007	322
	+0,2d	V344N7		316					
	+1,2S/+0,5d	V344N9		316					

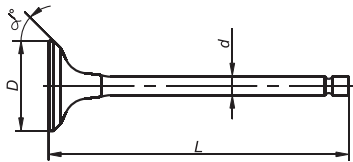
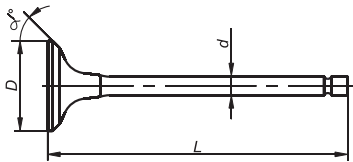
									
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0948.91	36,7x7x112,8	V633	531012	320	0949.F9	30x5x97	V1701		321
0948.58	36,7x7x112,8	V694	537841	319	0949.F6	25,1x5x110,8	V1702		321
0948.56	41,6x8x108,8	V723	537853	323	0948.E2	27,4x5x88,4	V1721		318
0949.57	34,5x8x108,4	V724	537851	323	0949.C8	23,6x5x89,2	V1722		318
0948.75	34,6x7x106,4	V909	537131	325	0948.G4	29,7x5x95,1	V2031		321
0949.81	29,6x7x105,7	V910	537132	325	9676359080	29,1x5,5x92,5	V2123		320
0948.82	34,1x6x106,4	V933	537141	324	9676359180	26,1x5x91,8	V2124		320
0949.87	30,7x6x105,3	V934	537148	327	0948.64	39,3x8x111,8	V2171		320
0948.54	39,5x8x105,2	V935	538181	324	0949.65	31,2x8x111,6	V2172		320
0949.54	33x8x105,2	V936	538008	324	PEUGEOT DIESEL				
0948.47	40x8x108,8	V967	538180	323	0948.A2	41x8x120,7	V326	17062	336
0949.52	33x8x108,1	V968	538009	323		+1,0S	V326N3		336
0948.38	36,8x8x113,4	V969	536478	318	0948.96	43,5x8x122	V679	171015	336
0949.33	29,3x8x113,6	V970	535840	318		+1,0S	V679N3		336
0948.66	42,6x8x108,8	V997	157579	327	0949.A0	35,9x8x122	V681	171055	336
0949.72	34,5x8x108,4	V998	157580	327		+1,0S	V681N3		336
0948.99	33,3x6x106,2	V1091	531010	327	0948.46	38x8x112,4	V709	538359	331
0949.99	28,9x6x103,6	V1092	531011	327		+0,5S	V709N1		331
0948.57	34,7x7x112,8	V1093	537840	318		+1,0S	V709N3		331
0949.58	27,7x7x112,6	V1094	537844	318	0949.73	33x8x111,9	V710	537450	331
0949.48	32x8x108,7	V1116	537174	323		+0,5S	V710N1		331
0948.A9	31,2x6x103,8	V1161		323		+1,0S	V710N3		331
0949.A8	24,5x6x104,4	V1162	537174	322	0948.94	38,5x8x112,4	V721	531005	331
0948.73	39,5x7x111,7	V1163	537505	320		+0,5S	V721N1		331
0949.70	31,3x7x111,5	V1164	537506	320		+1,0S	V721N3		331
0948.92	34,6x6x106,3	V1183	537006	327	0948.63	38,5x8x112,4	V721A	537708	332
0949.92	29,6x6x105,7	V1184	533033	324		+0,5S	V721N1		332
0948.A5	35x6x108,4	V1247	531015	328		+1,0S	V721N3		332
0949.A5	30,5x6x106,9	V1248	531016	328	0949.60	33x8x111,9	V722	537747	
0948.C8	28,3x5,5x100,8	V1251		320		+0,5S	V722N1		331
0949.C4	24,3x5,5x101,1	V1252		320		+1,0S	V722N3		331
0948.61	34,6x7x106,4	V1273	537686	325	0948.37	40,4x8,5x116,2	V785	535129	335
0949.62	29,6x7x105,8	V1274	537687	325	0949.25	33,4x8,5x116,2	V786	535130	335
0948.A7	32,4x6x105	V1315	531027	326	0948.53	42,5x8,5x116	V793	537944	335
0949.A7	29,2x6x102,6	V1316	531028	326	0949.50	35,5x8,5x116,3	V794	538210	335
0948.83	28,8x6x104,4	V1341	537209	322	95 638 449	35,5x7x108,4	V809	157714	329
0948.A4	29,8x6x106	V1453	531023	322		+1,0S	V809N3		329
0949.A4	27,2x6x104	V1454	531026	322	95 638 450	30,6x7x108,2	V810	157729	329
0948.A1	35x6x106	V1455	531019	328		+1,0S	V810N3		329
0949.A2	31,1x6x102,9	V1456	531020	328	0948.84	41x7x115,7	V955	537257	334
0948.52	36x8x107	V1571	577999	321	0949.90	37,8x7x115,4	V956	537019	334
0949.53	29x8x107,7	V1572	577998	320	0948.95	35,6x6x107,1	V1085	531003	333
0948.51	34x8x107	V1573	577719	320	0949.96	33,8x6x107,1	V1086	531004	333
0948.62	41,6x8x105,2	V1575	537852	324	0948.74	37x7x108,45	V1089	537627	330
0949.63	34,5x8x104,8	V1576	537850	324		+0,5S	V1089N1		330
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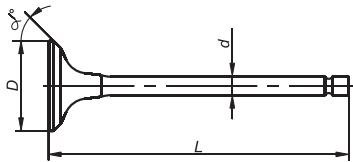
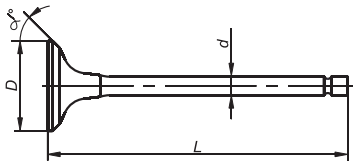
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0948.68	33,9x8x122,3	V1095	537575	332
0949.68	33,9x8x121,9	V1096	537555	332
0948.40	36,4x8x110,3	V1117	538721	330
0949.37	31x8x110	V1118	538720	330
0948.72	36,9x7x127,9 +0,5S +1,0S	V1121 V1121N1 V1121N3	537503	334 334 334
0949.79	36,9x7x127,5 +0,5S +1,0S	V1122 V1122N1 V1122N3	537554	334 334 334
0948.A3	29,8x6x105	V1179	531021	334
0949.A3	25x6x105	V1180	531022	334
0948.C2	32,8x5,5x97,3	V1205	181102	329
0949.B1	30,3x5,5x97,3	V1206	181103	329
0948.C0	29,9x6x106,2	V1313	531017	333
0949.A9	25x6x106,1 21,7x6x109,2 21,7x6x109,2	V1314 V1413 V1414	531018	333 329 329
0948.C7	25,6x5,5x96,4	V1493	539009	330
0949.C3	23,4x5,5x96,6	V1494	539010	330
0948.45	42x8x121,4	V1623	151564	335
0949.46	35x9x121,4	V1624	151554	335
504072531	32,4x6x119,9	V1697		334
504081062	32,4x6x119,9	V1698		334
0948.E5	27,2x6x95,8	V1723		333
0949.E1	25x6x95	V1724		333
0948.E1	27,7x6x97,1	V1725		335
0949.C6	25,2x6x96,4	V1726		335
0948.H0	22,45x6x109,2	V1873		329
0949.G3	22,5x6x109,2	V1874		329
0948.F7	30,15x5,5x95,6	V2049		330
0949.F5	27,5x5,5x95,5	V2050		330
0948.F6	27,25x6x104,5	V2051		334
0948.G1	25,6x5,5x96,1	V2093	539009	330
0949.F7	23,5x5,5x96,3	V2094	539010	330
0948.F5	32,8x5,5x97,1	V2125		329
0949.F0	30,2x5,5x97,1	V2126		329
PORSCHÉ				
022 109 601H	33,2x6x136,3	V1687		337
022 109 611P	30,2x6x136,1	V1688		337
94810532252	33x6x108,2	V2108		337
94810531253	32,5x6x109,5	V2120		336
94810531101	37,1x6x109,2	V2127		336

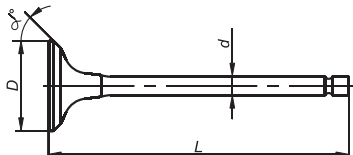
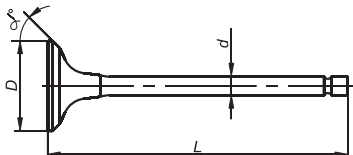
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94810532102	38,2x6x107,7	V2129		336
94810532202	33x6x108,1	V2130		336
PORSCHÉ DIESEL				
001330105	38x8x155,4	V1829		337
001330205	34x8x155,4	V1830		337
RENAULT				
7700 648 970	28,2x7x73	V230	516008	338
7701 458 195	25x7x73,8	V233	514975	338
7701 458 180	33,5x7x89,8	V581	518293	338
7701 460 690	29x7x88,9	V582	518533	338
7701 461 802	29x7x88,9	V582A	517962	340
7701 465 088	37,6x7x107,8	V673	511017	341
7701 465 090	33,6x7x107,8	V674	517646	341
7701 458 152	28,2x7x73	V720	516008	338
7438 610 007	31x7x104,1	V763	47145	345
7438 610 008	27x7x103,3	V764	47130	345
7701 463 081	38,2x8x111,5	V765	517982	343
7701 463 082	32,5x8x111,3	V766	517981	343
7701 460 699	34x7x91,2	V858	516945	342
7701 469 266	32,8x6x106,8	V867	511019	339
7701 469 269	29,9x6x106,7	V868	511020	339
7701 459 824	36,8x8x113,4	V969	536478	341
7701 459 825	29,3x8x113,6	V970	535840	341
7701 471 280	28,9x5,5x108,9	V982	539014	344
7700 107 602	32,7x5,5x109,3	V1013	531029	342
8200 054 762	28x5,5x107,6	V1014	531030	342
7701 465 495	36,4x7x111,8	V1035	517700	347
7701 465 497	40,1x7x112	V1036	51142	347
7701 465 496	30,4x7x111,9	V1037	51318	347
7701 465 172	30,7x7x107,5	V1075	517609	344
7700 747 324	28,6x7x109,1	V1076	512130	344
7701 471 780	31,5x5,5x113,5	V1151		347
7701 471 781	27,3x5,5x114	V1152		347
7701 466 606	40,1x8x107,1	V1155	510201	344
7701 466 607	32,7x8x106,9	V1156	510202	344
7701 468 960	40x8x115,3	V1157	511015	344
7701 468 961	32,5x8x115,6	V1158	511016	344
7701 472 986	26x5,5x110,7	V1165		339
7701 473 004	22x5,5x112,5	V1166		339
7701 468 861	33x7x107,3	V1377	511011	345
7701 468 862	28,3x7x108,8	V1378	511012	345
7701 462 137	34,2x7x91,4	V1409	518206	340

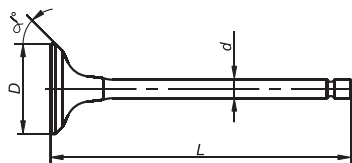
									
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RENAULT					RENAULT DIESEL				
7701 474 099	37,1x6x96,4	V1727		347		+0,5d	V343N6		351
7701 474 100	31,4x6x94	V1728		347		+0,2d	V343N7		351
13201—EN201	33,9x5,5x106,3	V1793		345		+1,2S/+0,5d	V343N9		351
13202—EN200	27,7x5,5x105,2	V1794		345		36,6x9,5x123,2	V344	105-03366	354
4420439	27,7x6x104	V1797		345		+0,075d	V344.1		351
4431241	26,1x6x103,8	V1798		345		+0,4d	V344.2		351
7701 463 787	37x8x111,3	V1920	538930	346		+0,3S	V344N		351
7700 635 409	43,9x8x112	V1943	5362226	346		+0,5S	V344N1		351
7700 644 709	38,6x8x111,4	V1944	515170	346		+0,8S	V344N2		351
7701 471 279	33,4x5,5x110,1	V1983		344		+1,2S	V344N3		351
132013562R	26,5x5,5x100,9	V2131		341		+0,5S/+0,2d	V344N5		351
132025379R	23,5x5,5x101,7	V2132		341		+0,5d	V344N6		351
RENAULT DIESEL						+0,2d	V344N7		351
	44,3x9,5x122,9	V199		354		+1,2S/+0,5d	V344N9		351
	+0,3S	V199N		354	4 813 760	41x8x122	V470	17080	350
	+0,5S	V199N1		354		+0,5S	V470N1		350
	+0,8S	V199N2		354	98 468 338	+1,0S	V470N3		350
	+1,2S	V199N3		354		43,5x8x122	V679	171015	352
	+0,5S/+0,2d	V199N5		354		+1,0S	V679N3		352
	+0,5d	V199N6		354	98 418 161	36,5x8x122	V680	171016	352
	+0,2d	V199N7		354		+1,0S	V680N3		352
	+1,2S/+0,5d	V199N9		354	98 432 837	35,9x8x122	V681	171055	352
	36,6x9,5x123,3	V200		354		+1,0S	V681N3		352
	+0,3S	V200N		354		38x9x117	V687	2723	353
	+0,5S	V200N1		354		+1,0S	V687N3		353
	+0,8S	V200N2		354	7701 468 035	35x9x117	V688	2721	353
	+1,2S	V200N3		354		+1,0S	V688N3		353
	+0,5S/+0,2d	V200N5		354		35,2x8x111,6	V837	510203	348
	+0,5d	V200N6		354	7701 462 813	36,1x8x111,7	V855	517983	347
	+0,2d	V200N7		354		+1,0S	V855N3		347
	+1,2S/+0,5d	V200N9		354	7701 462 814	31,6x8x111,3	V856	517963	347
7701 463 603	41x8x120,7	V326	17062	351		+1,0S	V856N3		347
	+1,0S	V326N3		351	7701 462 232	40,2x8x111,6	V863	515120	349
7701 203 675	34,4x8x122	V327	17064	351	7701 461 339	33,3x8x111,6	V864	515320	349
	+1,0S	V327N3		351	7701 469 369	35x8x110	V885	539000	348
	41x9x117	V337		355	7701 469 373	31,3x8x109,8	V886	539001	348
	38x9x117	V338		355	7701 471 702	35,4x7x111	V951	511013	349
	44,2x9,5x122,8	V343	105-03365	354	7701 471 703	32,6x7x110,8	V952	511014	349
	+0,075d	V343.1		351	7701 462 679	32,9x8x122	V966	17032	350
	+0,4d	V343.2		351	7701 473 184	33,4x6x101	V979	539017	347
	+0,3S	V343N		351	7701 473 183	28,9x6x100,8	V980	539018	347
	+0,5S	V343N1		351	7701 467 249	36,6x8x122	V1022	510209	351
	+0,8S	V343N2		351		+1,0S	V1022N3		351
	+1,2S	V343N3		351	7701 468 190	35x8x110,5	V1057		348
	+0,5S/+0,2d	V343N5		351	7701 468 193	31,5x8x110,5	V1058		348

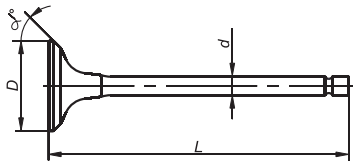
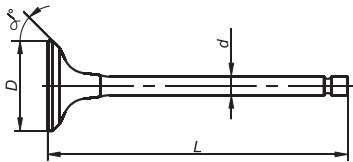
									
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RENAULT DIESEL					R.V.I.				
7701 468 169	32,2x7x117,6	V1133	517419	350		+1,2S	V343N3		357
7701 468 170	31,1x7x117,6	V1134	517482	350		+0,5S/+0,2d	V343N5		357
7701 472 669	30,7x6x123,1	V1279	539020	350		+0,5d	V343N6		357
7701 472 670	29,5x6x123,1	V1280	539021	350		+0,2d	V343N7		357
7701 475 382	32x7x113,4	V1467		352		+1,2S/+0,5d	V343N9		357
7701 475 381	30x7x113,4	V1468		352		36,6x9,5x123,3	V344	105-03366	357
13201-00Q0A	27,7x6x103,9	V1797		349		+0,075d	V344.1		357
13202-00Q0A	26,1x6x103,8	V1798		349		+0,4d	V344.2		357
132010370R	23,5x6x104,2	V2103		348		+0,3S	V344N		357
132024894R	23,4x6x104,1	V2104		348		+0,5S	V344N1		357
5000 676 255	45,8x10x140,2	V2163		353		+0,8S	V344N2		357
5000 676 257	39x10x140,2	V2164		353		+1,2S	V344N3		357
5000 044 429	46x10x140	V2165		353		+0,5S/+0,2d	V344N5		357
R.V.I.						+0,5d	V344N6		357
						+0,2d	V344N7		357
						+1,2S/+0,5d	V344N9		357
	44,3x9,5x122,9	V199		357	5000 046 570	51,9x12x148,5	V406	2510	360
	+0,3S	V199N		357	5001836573	35,9x8x122	V681	171055	356
	+0,5S	V199N1		357		+1,0S	V681N3		356
	+0,8S	V199N2		357	5000 046 569	56,9x12x148,9	V690	2521	360
	+1,2S	V199N3		357	3142 L071	45x9,5x122,9	V1077	105-35459	358
	+0,5S/+0,2d	V199N5		357		+1,0S	V1077N3		358
	+0,5d	V199N6		357	3142 A051	37,5x9,5x123,3	V1078	105-35460	358
	+0,2d	V199N7		357		+1,0S	V1078N3		358
	+1,2S/+0,5d	V199N9		357		34x8x125,9	V1221		359
	36,6x9,5x123,2	V200		357		38x8x152,7	V1222		359
	+0,3S	V200N		357		34x8x128,9	V1223		359
	+0,5S	V200N1		357	5000280785	52x11x155,1	V1301	2520	359
	+0,8S	V200N2		357	5000280784	43x11x155,5	V1302	2504	359
	+1,2S	V200N3		357	500 678 873	60x12x204,4	V1353	59121	360
	+0,5S/+0,2d	V200N5		357	5000 678 652	52x12x205,1	V1354	59115	360
	+0,5d	V200N6		357	5010359501	42x8x185,5	V1417	48306	360
	+0,2d	V200N7		357	5010412164	38x8x185,5	V1418	48307	360
	+1,2S/+0,5d	V200N9		357	5000667762	46,5x10x140,2	V1651	59108	358
500 046 567	49x12x148,5	V304	2530	359	5000676258	40,6x10x140,2	V1652	59109	358
7701 463 603	41x8x120,7	V326	17062	356	5000663529	54x9x163,3	V1653	598142	359
	+1,0S	V326N3		356	5000663469	48x9x163,1	V1654	598141	359
7701 203 675	34,4x8x122	V327	17063	356	5010284847	43x9,5x179,2	V1729		360
	+1,0S	V327N3		356	5010284848	39,9x9,5x177,5	V1730		360
5000 278 461	55,9x12x148,9	V339	2531	359		40x8x192	V1879		360
	44,3x9,5x122,9	V343	105-03365	357		38x8x192,7	V1880		360
	+0,075d	V343.1		357		44,2x9,5x122,8	V1941	105-35608	357
	+0,4d	V343.2		357		45,8x10x140,2	V2163		358
	+0,3S	V343N		357		39x10x140,2	V2164		358
	+0,5S	V343N1		357					
	+0,8S	V343N2		357					

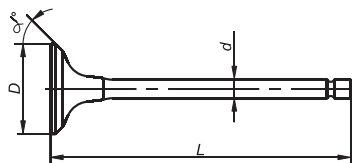
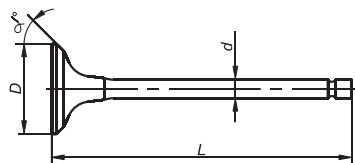
									
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ROLLS-ROYCE					ROVER DIESEL				
	42x7x104 36x7x103	V1177 V1178	11673 11672	360 360	95638450	30,6x7x108,2 +1,0S	V810 V810N3	157729	364 364
ROMAN DIESEL					STC 2156	35,9x6x103,7	V939	11732	365
	55,9x12x148,9 48,9x12x148,5 55,9x12x148,9	V303 V304 V339	2554 2530 2531	361 361 361	STC 2149	30,9x6x103,5	V940	11682	365
ROVER					LGH 101 450	26x6x99,9	V994	111113	365
14711— PG6— 000	30x6,6x105,5	V1015	V3436	361	0948.74	37x7x108,5 +0,5S	V1089	537627	364
14721— PG6— 000	27x6,6x104,6	V1016	S4276	361	0949.80	31,5x7x108,2 +0,5S	V1089N1		364
	32,9x6x106,1	V1131	11960	363	AEU 2296	40,2x8x121	V1090	537628	364
	30,4x6x105,7	V1132	11964	363	LGH 10041	34x8x121	V1167	4077	367
1134 1 736 549	34,9x6x104,1	V1281	11539	364	LGH 100990	37,2x7x86,7	V1168	4078	367
1134 1 741 231	30,4x6x103,6	V1282	11897	364	LGH 100980	32,5x7x86,7	V1333	801005	366
LGH 10029	27,7x6x89,6	V1329	105-354 74	361	1134 7 791 054	30,6x6x100	V1334	801006	366
LGH 10028	24,2x6x90	V1330	105-354 75	361	1134 7 791 055	28x6x99,8	V1487		364
LGH 10064	31,5x6x89,6	V1331	801 003	363	LGH 10036	37,2x7,4x93,8	V1488		364
LGH 10065	27,5x6x90	V1332	801 004	363	LGH 10037	33,6x7,4x93,8	V1489	105-35457	366
WAM 4002	33,6x7x90,5	V1431	105-35484	362	ERR1157	39,5x8x116,5	V1490	105-35458	366
WAM 4003	31,2x7x91	V1432	105-35485	362	ERR1156	36,5x8x116,5	V1647	105-35476	367
LGH 101310	30x5,5x118,7	V1503		362	0948.E5	27,2x6x95,8	V1648	105-35477	367
LGH 101330	26x5,5x116	V1504		362	0949.E1	25x6x95	V1723		366
14711 — PM3— 000	29x5,5x115	V1529	V3816	362	ERR 6611	34,7x7x105,3	V1724		366
14721—PM3—000	24,9x5,5x118,7	V1530	S3817	362	ERR 6612	31,7x7x105,3	V1731		366
LGH 101060	31,9x7,1x110,8	V1655	105-35486	363	RUGGERINI				
LGH 101000	29,4x7,1x110,8	V1656	105-35487	363	960.49	33x7x95	V425		367
1134 1 485 585	30,3x6x109,5	V1705		362	960.50	30x7x95	V426		367
1134 7 829 943	23,3x6x118,3	V1706		362	960.022	30,5x9x105	V661		367
ROVER DIESEL					960.023	30,5x9x105	V662		367
LGH 10052	33x8x111,9 +0,5S +1,0S	V710 V710N1 V710N3	537450	365 365 365	960.016	35x9x105	V663		367
LGH 10053	38,5x8x112,4 +0,5S +1,0S	V721 V721N1 V721N3	531005	365 365 365	960.015	35x9x105	V664		367
LGH 10051	38,5x8x112,4 +0,5S +1,0S	V721A V721N1 V721N3	537708	365 365 365	960.58	37x7x84,5	V1083		367
LGH 10054	33x8x111,9 +0,5S +1,0S	V722 V722N1 V722N3	537747	365 365 365	960.59	33x7x84,5	V1084		367
95638449	35,5x7x108,4 +1,0S	V809 V809N3	157714	364 364	SAAB				
					45 00 849	32x6x102,1	V511	29375	368
					45 00 864	29x6x92,2	V512	29354	368
					905360095	31,2x5x101,4	V1003	341001	368
					90536164	27,5x5x100,8	V1004	341002	368
					12786696	35,1x6x102,3	V1069	291109	368
					12791961	30,1x6x100,9	V1070	291110	368
					7484801	32x7x108,3	V1945	5200	368
					7500085	29x7x108,3	V1946	105-35501	368
					9165580	33x7x107,8	V1947	105-35500	369

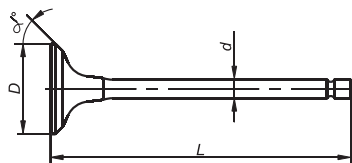
									
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SAAB DIESEL					SCANIA				
4772380	29x6x97,1	V953	290002	370	294674	54x11x162,5	V595	105-35355	374
4772414	26x6x97,1	V954	290003	370	324675	54x11x162,5	V595A	105-35357	374
641 083	35,5x8x115	V1033	171046	369	232018	45x11x162,5	V596	105-34928	374
641 089	34,5x8x115	V1034	171047	369	1333230	44x10x171,5	V1365	105-35547	374
641 074	27,8x6x114,4	V1415		369	1445830	41x10x171,5	V1366	105-35548	374
641 386	25,8x6x114,4	V1416		369	215715	50x11x169	V1427	105-34961	373
	27,5x6x98,5	V1779		370	243648	42x11x169	V1428	105-34965	373
	26,5x6x98,1	V1780		370	391608	51x11x162,5	V1615	105-35491	373
SACM					366256	44x11x162,5	V1616	105-35504	373
DLT 55651	56,6x12x212,4	V473		370	1386647	46x11x162,5	V1949	105-35626	374
DLT 55863	51,2x12x212,1	V474		370	1414395	41x11x162,5	V1950	105-35627	374
SAME					185 4798	44x10x171,4	V2133	105-35639	374
	48x9x139	V1525	22221	370	177 8492	41x10x171,5	V2134	105-35638	374
	42x9x139	V1526	22220	370	SEAT				
SAURER					4 265 695	29x7x95,3	V257	17004	375
463 0051 150	43,9x10x166,9	V1285	3108	370	4 377 979	26x7x95,7	V258	17021	375
463 0005 141	38,9x10x166,9	V1286	3110	370	030 109 601C	36x8x98,9	V645	39255	376
463 0005 160	43,9x10x166,9	V1287	3109	370	030 109 611A	28,9x8x99,1	V646	39114	376
SAVIEM					030 109 601E	32x8x99,3	V682	39268	376
	55,9x12x148,9	V303	2554	372	026 109 611A	33,2x8x91	V702	33048	379
	48,9x12x148,5	V304	2530	372	053 109 611	33,2x8x91	V702B	3347	380
	55,9x12x148,9	V339	2531	372	047 109 601D	34x7x101,4	V703	331053	375
	58x12x148,9	V405	2505	372	047 109 611D	30,1x7x101,4	V704	331054	375
	51,9x12x148,5	V406	2510	372	035 109 601H	38x8x91	V754	33034	379
	58x12x142,5	V455	25237	373	027 109 601C	32x7x95,5	V779	33125	380
	+0,5S	V455N1		373	027 109 611D	28x7x98,2	V780	33050	380
	+1,0S	V455N3		373	030 109 601 AH	35,6x7x94,7	V783	39530	378
	51x12x142,5	V456	25238	373	032 109 611G	29x7x95	V784	39467	378
	+0,5S	V456N1		373	035 109 601K	38x8x91,9	V796	33282	380
	+1,0S	V456N3		373	058 109 601C	26,9x6x105,1	V839	33413	381
	57x12x142,5	V461	2573	373	058 109 611M	29,9x6x103,9	V840	33394	381
	58x12x142,5	V691	2507	373	030 109 601N/M	32x7x99,3	V847	390058	376
	52x11x155,1	V1301	2520	372	030 109 611D	28,9x7x99,1	V848	39363	376
	43,1x11x155,5	V1302	2504	372	030 109 601 AG	31x7x94,7	V851	39542	375
	45,8x10x140,2	V2163		370	030 109 611N	26x7x94,4	V852	39515	375
	39x10x140,2	V2164		370	078 109 601B	39,5x7x91,9	V869	33403	379
5000 044 429	46x10x140	V2165		371	048 109 611B	32,9x7x91,2	V870	33416	379
					030 109 601L	36x7x99,3	V874	331100	377
					051 109 601B	32x7x95,5	V889	33308	381
					051 109 611B	27x7x98	V890	33309	381
					048 109 601A	39,5x8x91,9	V899	33313	382
					032 109 601G	34,6x7x94,8	V922	39367	378
					021 109 601L	39x7x106	V929	331040	381
					021 109 611F	34,2x7x107	V930	331030	381
					036 109 601S	29,5x6x100,9	V957	39522	377

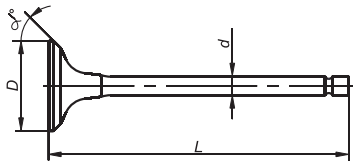
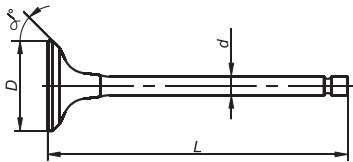
									
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SEAT					SEAT DIESEL				
036 109 611K	26x6x100,5	V958	39523	377	030 109 611A	28,9x8x99,1	V646	39114	386
3940 3030	32x7x103	V1039	7102	377	615 053 0101	38,8x10x131,5 +1,0S	V651	2622	390
3940 3040	28x7x103	V1040	7103	377			V651N3		390
3940 2830	34x7x103	V1045	7100	383	615 053 0705	33,2x10x131 +1,0S	V652	2696	390
3940 2840	30x7x103	V1046	7101	383			V652N3		390
030 109 601G	34x7x99	V1067	39360	377	069 109 601F	36x8x95,1 +0,5S	V697	39123	385
036 109 601P	29,5x6x97,9	V1107	331037	378		+0,8S	V697N1		385
036 109 611L	26x6x97,3	V1108	331038	378			V697N3		385
030 109 601AL	33,5x6x99,2	V1109	331046	378	069 109 601H	36x8x95,1 +0,5S	V697A	39143	385
030 109 611T	28x6x99,2	V1110	331047	376		+0,8S	V697N1		385
022 109 601E	31x6x102,1	V1217	331041	382			V697N3		385
022 109 611C	27x6x136,4	V1218	331042	382	074 109 611	31,2x8x95,1 +0,5S	V698	33049	385
022 109 601F	31x6x136	V1219		382		+0,8S	V698N1		385
022 109 611B	27x6x102,5	V1220		382			V698N3		385
032 109 601L	34,5x6x99,2	V1265		376	030 109 601	34x8x99,1	V719	39262	386
048 109 601E	38x7x91,8	V1293	33410	380	069 109 601D	36x8x104,9 +0,5S	V756	3909	384
06B 109 601D	39,4x6x93,8	V1379	331057	379		+1,0S	V756N1		384
06B 109 611C	32,9x6x93,8	V1380	331058	379			V756N3		384
030 109 601AK	31x6x99	V1439	331057	375	028 109 601B	36x7x95,5 +0,5S	V805	331035	385
030 109 611S	26x6x99	V1440	331057	375			V805N1		385
06D 109 601K	33,8x6x104	V1605	331057	382	028 109 611E	31,1x7x95,6 +0,5S	V806	331036	385
06D 109 611K/L	28x6x101,9	V1606	331116	382			V806N1		385
058 109 611E	29,9x6x103,9	V1634	331107	381	028 109 601D	36x7x96,9 +0,5S	V811	39486	387
03F 109 601A	35,4x6x98,7	V1957		375			V811N1		387
03F 109 611B	30x6x98,4	V1958		375	028 109 611G	31,4x7x96,9 +0,5S	V812	39487	387
06D 109 601M	33,8x6x104	V2027	331125	383			V812N1		387
04E 109 601	29,5x5x110,3	V2135		376	028 109 601H	36x8x96,8 +0,5S	V821	39423	386
04E 109 611L	26,9x110,3	V2136		376			V821N1		386
SEAT DIESEL					046 109 611F	31,5x8x96,9 +0,5S	V822	33380	386
7 301 820	41x8x120,7 +1,0S	V326 V326N3	17062	390			V822N1		386
7 301 821	34,4x8x122 +1,0S	V327 V327N3	17064	390	028 109 601J	36x7x96,5 +0,5S	V831	39502	387
				390			V831N1		387
068 109 611C	31,2x8x104,6 +0,3S	V542 V542N	33029	384	028 109 611K	31,5x7x96,3 +0,5S	V832	39503	387
	+0,5S	V542N1		384			V832N1		387
	+0,8S	V542N3		384	030 109 611D	28,9x7x99,1	V848	39363	383
	+1,5S	V542N4		384	038 109 601B	36x7x90 +0,5S	V919	331033	384
	+1,0S	V542N5		384		+1,0S	V919N1		384
068 109 611L	31,2x8x95 +0,3S	V544 V544N	39116	385	038 109 611B	31,5x7x90 +0,5S	V920	331034	384
	+0,5S	V544N1		385		+1,0S	V920N1		384
	+0,8S	V544N3		385	4 368 843	38,4x8x126	V1027	17038	389
	+1,5S	V544N4		385	4 368 845	33,4x8x126	V1028	17039	389
	+1,0S	V544N5		385	030 109 601J	34x7x99	V1067	39360	383
					03G 109 601A	29,4x6x88,5	V1491	331119	388
					03G 109 611B	25,5x6x88,2	V1492	331120	388

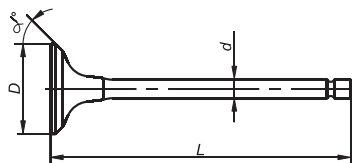
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03G 109 611D	25,4x6x87,5	V1608	331122	389
038 109 601E	36x7x89,5	V1663	331123	384
	+0,5S	V1663N1		384
038 109 611E	31,5x7x89	V1664	331124	384
	+0,5S	V1664N1		384
03L 109 601	28,1x6x99,3	V1693	331131	389
03L 109 611	26x6x99,1	V1694	331132	389
038 109 611F	31,5x7x89,5	V1832		388
03L 109 601A	26,55x6x99,25	V2029		384
03L 109 611A	24,45x6x99,1	V2030		384
S.E.M.T. PIELSTICK				
24 018 0165 00	64x14x222	V362		390
24 018 0392 00	63x14x250	V363		390
3-02996-80	64x14x222	V509		390
3-01076-80	63x14x250	V510		390
018 0461 00	67x14x232	V521		390
25 018 0329 00	65x14x260	V522		390
ŠKODA				
10 215 1209	28,2x7,5x99,8	V74	4223	391
10 219 1209	+0,25d	V158		391
10 197 1209	31,2x7,5x99,8	V75	4224	391
10 201 1209	+0,25d	V244		391
441 0 1209 270.6	32,2x7,5x99,8	V193	4374	391
441 0 1209 260.6	27,2x7,5x99,8	V194	4375	391
441 0 1209 264.6	27,2x8x99,8	V195	4311	391
441 0 1209 328.6	+0,25d	V359		391
441 0 1209 266.6	32,2x8x99,8	V198	4004	391
441 0 1209 327.6	+0,25d	V361		391
441 0 1209 310.6	27,2x8x99,8	V351	54110	391
441 0 1209 328.6	+0,25d	V359		391
441 0 1209 321.6	29x8x99,8	V352	54114	392
441 0 1209 355.6	+0,25d	V360		392
441 0 1209 322.6	32,2x8x99,8	V355	54109	391
441 0 1209 346.6	34x8x101,3	V366	54117	392
441 0 1209 347.6	30x8x101,8	V367	54118	392
	+0,25d	V370		392
047 109 601	34x8x101,5	V513		392
047 109 611	30,1x8x101,5	V514		392
441 0 1209 311.6	31,2x8x99,8	V573	4003	391
441 0 1209 312.6	32,2x8x99,8	V574	4011	391
ŠKODA				
441 0 1209 327.6	+0,25d	V361		391
441 0 1209 320.6	34x8x99,8	V575	54113	392
441 0 1209 318.6	+0,25d	V356		392
053 109 611	33,2x8x91	V702B	33047	393
047 109 601D	34x7x101,4	V703	331053	392
047 109 611D	30,1x7x101,4	V704	331054	392
030 109 601 AH	35,6x7x94,7	V783	39530	393
032 109 611G	29x7x95	V784	39467	393
035 109 601J	38x8x91,9	V796	33282	393
058 109 601C	26,9x6x105,1	V839	33413	394
058 109 611M	29,9x6x103,9	V840	33438	394
030 109 601 AG	31x7x94,7	V851	39542	390
030 109 611N	26x7x94,4	V852	39515	390
078 109 601B	39,5x7x91,9	V869	33403	394
048 109 611B	32,9x7x91,2	V870	33416	394
036 109 601S	29,5x6x100,9	V957	39522	392
036 109 611K	26x6x100,5	V958	39523	392
36 109 601P	29,5x6x97,9	V1107	331037	393
36 109 611L	26x6x97,3	V1108	331038	393
030 109 611T	28x6x99,2	V1110	331047	392
032 109 601L	34,5x6x99,2	V1265		392
06B 109 601D	39,4x6x93,8	V1379	331057	393
06B 109 611C	32,9x6x93,8	V1380	331058	393
047 109 601F	34x7x103,8	V1469	331051	391
047 109 611B	27x7x103,7	V1470	331052	391
06D 109 601K	33,8x6x104	V1605	331116	394
06D 109 611K/L	28x6x101,9	V1606	331117	394
058 109 611E	29,9x6x103,9	V1634	331107	394
03F 109 601A	35,4x6x98,7	V1957		391
03F 109 611B	30x6x98,4	V1958		391
06D 109 601M	33,8x6x104	V2027	331125	395
04E 109 601	29,5x5x110,3	V2135		392
04E 109 611L	26,9x5x110,3	V2136		392
ŠKODA DIESEL				
069 109 601F	36x8x95,1	V697	39123	396
	+0,5S	V697N1		396
	+0,8S	V697N3		396
074 109 611	31,2x8x95,1	V698	33049	396
	+0,5S	V698N1		396
	+0,8S	V698N3		396
028 109 601B	36x7x95,5	V805	331035	396
	+0,5S	V805N1		396
028 109 611E	31,1x7x95,6	V806	331036	396
	+0,5S	V806N1		396
028 109 601D	36x7x96,9	V811	39486	397
	+0,5S	V811N1		397

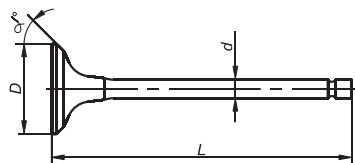
									
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028 109 611G	31,4x7x96,9 +0,5S	V812 V812N1	39487	397	111 053 1101	35x7x101,5	V1229	26048	400
028 109 601H	36x8x96,8 +0,5S	V821 V821N1	39423	398	111 050 1227	31x7x103,5	V1230	26049	400
046 109 611F	31,5x8x96,9 +0,5S	V822 V822N1	33380	398	111 053 0101	35x7x101,5	V1547	26208	401
028 109 601J	36x7x96,5 +0,5S	V831 V831N1	39502	396	111 050 0527	31x7x103,5	V1548	261114	401
028 109 611K	31,5x7x96,3 +0,5S	V832 V832N1	39503	396	SSANG YONG DIESEL				
059 109 601B	27,1x6x100,5	V879	33463	395	601 053 1701	38x8x106,4 +0,5S	V653 V653N1	26024	401
059 109 611B	24,1x6x100,5	V880	33464	395		+0,8S	V653N2		401
038 109 601B	36x7x90 +0,5S	V919 V919N1	331033	397		+1,0S	V653N3		401
	+1,0S	V919N3		397		+1,2S	V653N4		401
038 109 611B	31,5x7x90 +0,5S	V920 V920N1	331034	397		+1,0L	V653N5		401
	+1,0S	V920N3		397	83EM6207BB	42,5x8,5x116	V793	537944	402
059 109 601F	27,1x6x100,6	V1277	331110	395	83EM6205AB	35,5x8,5x116,3	V794	538210	402
059 109 611G	24,1x6x100,6	V1278	331111	395	601 050 2327	35x9x106,4 +0,5S	V912	26145	401
03G 109 601B	29,2x6x87,8	V1607	331121	398		+0,8S	V912N1		401
03G 109 611D	25,4x6x87,5	V1608	331122	398		+1,0S	V912N2		401
059 109 601G	28,6x6x99,3	V1609		399		+1,2S	V912N3		401
059 109 611K	26,8x6x99,2	V1610		399		+1,0L	V912N4		401
038 109 601E	36x7x89,5 +0,5S	V1663 V1663N1	331123	395		30,5x6x109	V1369		401
	+0,5S	V1664	331124	395		27,5x6x108,7	V1370		401
038 109 611E	31,5x7x89 +0,5S	V1664N1		395	STEYR				
03L 109 601	28,1x6x99,3	V1693	331131	398	102 053 1801	43x8x115	V991	26160	402
03L 109 611	26x6x99,1	V1694	331132	398	102 050 0327	39x9x115,8	V992	2655	402
038 109 611F	31,5x7x89,5	V1832		397	102 053 1701	46x8x114,9	V993	26135	402
03L 109 601A	26,55x6x99,25	V2029		395	111 053 0201	35x7x101,5	V1547	26208	402
03L 109 611A	24,45x6x99,1	V2030		395	111 050 0527	31x7x103,5	V1548	261114	402
SMART					113 053 0101	36x7x119,4	V1551	261032	402
160 053 0001	30x6x89,3	V1125	261104	399	113 050 0227	41x7x122,3	V1552	261033	402
160 050 0027	25x6x89,3	V1126	261105	399	113 053 0201	38x7x119,1	V1553	261034	402
1350530001	30,4x5x89,6	V1861		340	113 050 0327	43x7x121,8	V1554	261035	403
1350530005	25,4x5x90,9	V1862		340	STEYR DIESEL				
132 053 0001	28x5x85,5	V2137		399	407 0501	41,9x9x142,5	V177	3290	404
132 053 0005	25x5x86,9	V2138		399	407 0502	36,9x9x142,5	V178	3291	404
SMART DIESEL					610 6005 0002	39x10x149,5 +1,0S	V345 V345N3	3275	405
660 053 0101	27,6x6x91,2	V1597		400	614 6005 0007	50,9x12x158,5	V346	3294	405
660 053 0005	25,2x6x91,2	V1598		400	615 6005 0006	48,9x12x158,4	V347	32150	405
642 053 0401	28,5x6x102,3	V1743		400	311 0005 0014	42x9x142,5	V349	3218	404
642 050 0527	25,4x6x102,3	V1744		400	311 0005 0015	37x9x142,5	V350	3219	404
					609 F05 0002	45x10x149,5 +1,0S	V535 V535N3	3280	405

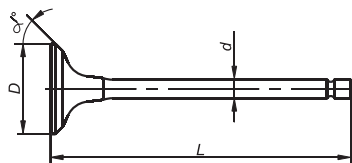
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610 6005 0001	48x10x149,5 +1,0S	V634 V634N3		406	12915-54G00	25x5,5x99 31x6,6x100,9	V1472 V1619		406
615 053 0101	38,8x10x131,5 +1,0S	V651 V651N3	2622	403		33x6,6x101	V1620	V4324	406
615 053 0705	33,2x10x131 +1,0S	V652 V652N3	2696	403	13201-AA351	34x6x120,6	V1809	S4325	406
601 053 1701	38x8x106,4 +0,5S +0,8S +1,0S +1,2S +1,0L	V653 V653N1 V653N2 V653N3 V653N4 V653N5	26024	403	13202-AA361	30x6x121,6	V1810		407
616 053 0301	39,8x10x131,5 +1,0S	V655 V655N3	2605	403	13201-AA371	35,9x6x104,4	V1811		407
616 050 0527	34,2x10x131 +1,0S	V656 V656N3	2631	403	13202-AA400	32x6x104,6	V1812		407
615 6005 0022	50,9x11x159,4	V683	32104	403	13201-AA420	32,5x6x120,6	V1925	791003	407
615 6005 0027	48,9x11x158,4	V684	32111	403	13202-AA430	28,5x6x121,7	V1926	791004	407
	42x10x136,3	V746	2560	403	13201-AA430	34x6x120,6	V1927		407
	29x6x105,4	V907	26045	403	13202-AA440	32x6x104,7	V1928		407
	26x7x105,7	V908	26047	403		29,3x6x104,5	V2007		406
601 050 2327	35x9x106,4 +0,5S +0,8S +1,0S +1,2S +1,0L	V912 V912N1 V912N2 V912N3 V912N4 V912N5	26145	403		24x6x105,7	V2008		406
	49x10x136,6	V932	25127	403	13711-47010	28,9x5,5x103,4	V2139		406
	26x6x105,7	V1054	26046	403	13715-47010	24,3x5,5x104,6	V2140		406
	29x6x105,4	V1059	26264	404	SUBARU DIESEL				
	26x6x105,7	V1060	26265	404	641 072	21,7x6x109,2	V1413		408
SUBARU					641 071	21,7x6x109,2	V1414		408
						30,6x6x100	V1487		408
						28x6x99,8	V1488		408
						22,45x6x109,2	V1873		408
						22,5x6x109,2	V1873		408
SUZUKI					SUZUKI				
					22211-21010	34x6,6x102,1	V1145	V3142	409
					22212-21004	30x6,6x100,9	V1146	S3143	409
					12911-82000	36x7x115,5	V1307	V3663	409
					12915-82000	30x7x114,5	V1308	S3664	409
					12991-71 C00	29,2x5,5x92,2	V1335	V4319	410
					12915-71 C00	25x5,5x79,9	V1336	S4320	410
					12911- 54G00	30x5,5x101	V1471		411
					12915- 54G00	25x5,5x99	V1472		411
					12911- 60A10	36,5x7x115,6	V1577		411
					12915- 60A50	32,5x7x114,5	V1578		411
					12911- 69G00	30x6x100,8	V1635		411
					12915- 69G00	25x6x99	V1636		411
					12911 - M84400	26,6x5,5x90,5	V1813		409
					12915- M84400	23,4x5,5x87,1	V1814		409
					12911- 73G00	24,6x5,5x80,2	V1815		409
					12915- 73G00	21,5x5,5x81,3	V1816		409
					12911- M72F10	34x7x117,5	V1817		409
					12915- M72F10	28,1x7x116,3	V1818		409
					4708925	27,5x5,5x87,5	V1923		410
					4708933	22,9x5,5x87,1	V1924		410
					12911 - M73012	31,5x7x110	V1951	V3661	408

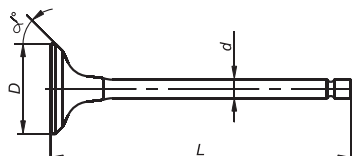
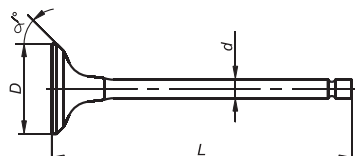
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12915— M73012	27,4x7x109,8	V1952	S3662	408
12911—86500	29x5,5x105,3	V1979		411
12915—86500	24,1x5,5x104,6	V1980		411
12911—69L00—000	27,5x5x87,5	V2111		410
12915—69L00—000	22,9x5x87,1	V2112		410
12911—86F50	33x6x86,3	V2141		411
12915—86F50	28x6x85,9	V2142		411
SUZUKI DIESEL				
LGH 10052	33x8x111,9 +0,5S +1,0S	V710 V710N1 V710N3	537 450	413 413 413
LGH 10053	38,5x8x112,4 +0,5S +1,0S	V721 V721N1 V721N3	531 005	413 413 413
LGH 10051	38,5x8x112,4 +0,5S +1,0S	V721A V721N1 V721N3	537 708	413 413 413
LGH 10054	33x8x111,9 +0,5S +1,0S	V722 V722N1 V722N3	537 747	413 413 413
12910— 67JG0	35,4x7x111	V951	511013	412
12915— 67JG0	32,6x7x110,8	V952	511014	412
13201— BN700	33,4x6x101	V979	539017	412
13202—BN700	28,9x6x100,8	V980	539018	412
RF01—12—111	41x8x107	V1023	V3639	414
RF01—12—121	36x8x106,8	V1024	S3640	414
	35,5x8x115	V1033	171046	412
	34,5x8x115	V1034	171047	412
0948.95	35,6x6x107,1	V1085	531003	413
0949.96	33,8x6x107,1	V1086	531004	413
0948.C0	29,9x6x106,2	V1313	531017	414
0949.A9	25x6x106,1	V1314	531018	414
12911— 85E00	21,7x6x109,2	V1413		412
12915— 85E00	21,7x6x109,2	V1414		412
12911— 73J00	24,3x5,5x96,4	V1457		412
12915— 73J00	22,4x5,5x96,6	V1458		412
	39,4x8x106,8	V1511		414
	35,1x8x106,8	V1512		414
12911— 78E00	39,4x8x106,8	V1819		414
12915— 78E00	35,1x8x106,8	V1820		414
12911—68L10—000	22,45x6x109,2	V1873		412
12915—68L10—000	22,5x6x109,2	V1874		412
TATA DIESEL				
0948.59	38,5x8x112,4 +0,5S +1,0S	V721 V721N1 V721N3	531 005	414 414 414
TATA DIESEL				
0949.60	33x8x111,9 +0,5S +1,0S	V722 V722N1 V722N3	537 747	414 414 414
279005125104	36x7x109	V1929		414
279005125105	30,5x7x109	V1930		414
TATRA				
442 0 1209 020.4	52x10x144	V214		415
442 0 1209 021.4	48x10x144	V215		415
442 0 1209 022.4	52x10x138	V331		415
442 0 1209 023.4	48x10x138	V332		415
928 1 0410.1	52x10x144	V371		415
928 1 0411.1	45x10x144	V372		415
442 0 1209 026.8	52x10x144	V1351		415
442 0 1209 027.8	45x10x144	V1352		415
TORPEDO				
V500 0614	50x11,5x137	V19		415
500 0615a	42x11,5x137	V20		415
101 0614b	44x10x180	V21		415
600 0614	53x11x167	V23		416
600 0615	48x11x167	V24		416
T 701 0615	32x8x114,5 +0,5S +1,0S	V31 V31N1 V31N3		415 415 415
T 701 0614	32x8x114,5 +0,5S +1,0S	V32 V32N1 V32N3		415 415 415
V 500 0615b	42x11,5x137	V34B		415
B 700 0614	38x8x114,5 +0,5S +1,0S	V173 V173N1 V173N3		416 416 416
B 700 0615	34x8x114,5 +0,5S +1,0S	V174 V174N1 V174N3		416 416 416
D 700 0614	38x8x120,5	V353		416
D 700 0615	34x8x120,5	V354		416
TOYOTA				
13711—10020	30x6x92,3	V1019	V3406	416
13715—10030	31x6x92,3	V1020	S3408	416
13712—10010	21x6x98,7	V1021	V3407	416
13711— 23030	26x5x88,2	V1249	711007	416
13715— 23030	22,6x5x89,2	V1250	711008	416
13711— 21010	30,5x5x89,2	V1337	711009	418
13715— 21010	25,5x5x87,9	V1338	711010	418
13711— 74101	32x6x97,5	V1339	711013	421
13715— 74100	27x6x98,5	V1340	711014	421

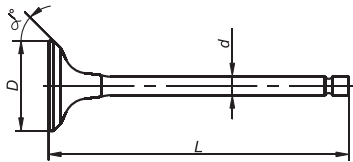
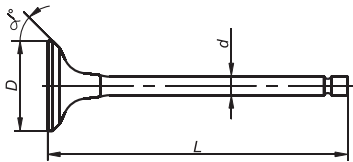
									
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TOYOTA					TOYOTA DIESEL				
13711- 15030	30x6x91,3	V1473	V3447	419	13711-54020	42,5x8x103,5	V1387	V4291	424
13715- 15030	24,5x6x91,9	V1474	S3444	419	13715-67020	37x8x103,5	V1388	711024	424
13711- 02050	31,1x6x87,5	V1475	711011	420	13711-17020	33x7x127,2	V1391		424
13715- 16060	24,5x6x87,9	V1476	711012	420	13715-17030	30,5x7x126,8	V1392		424
13711- 22040	31x5,5x88,7	V1477	711017	418	13715-64030	32,4x8x105,3	V1482	711026	422
13715-22040	26,1x5,5x88,7	V1478	711018	418	13715-54040	36x8x103,3	V1484	S4292	424
13711-28010	33,9x5,5x101,7	V1479	711022	420	13711-27010	28x6x102,6	V1485	711020	422
13715-28010	29,5x5,5x101,1	V1480	711023	420	13715-27010	24x6x102	V1486	711021	422
13711-15010	36x7x106,7	V1523	V3245	418	13711-33030	30,6x6x100	V1487		421
13715-15010	31x7x106,7	V1524	S3246	418	13715-33040	28x6x99,8	V1488		421
13711-11010	28,5x6x93,5	V1603	V4295	417	13711-54010	42,6x8,5x123	V1583	V3244	423
13715-11030	24,5x6x94	V1604	S4296	417	13715-54020	35x8,5x122,8	V1584	S3248	423
13711-40040	27,4x5x88,4	V1721		417	13711- OR010	30,1x6x104,3	V1661		423
13715-40040	23,6x5x89,2	V1722		417	13715- OR010	27x6x104,1	V1662		423
13711-37020	32x5,5x109,4	V1799		419	13711-30030	32,2x6x105,4	V1675		425
13715-37030	27,5x5,5x108,3	V1800		419	13715-30030	27,7x6x105,4	V1676		425
13711-88600	34x5,5x111,3	V1801		419	13711-54040	42,4x8x104,2	V1805	711030	424
13715-88601	29x5,5x111,7	V1802		419	13715-67040	37x8x104,2	V1806	711031	424
13711-22030	32x5,5x88,7	V1803		419	13711-30040	30,5x6x105,6	V1953		424
13715-22030	27,5x5,5x88,7	V1804		419	13715-30040	26,5x6x105,8	V1954		424
13711-70060	29,5x5x91,7	V1905		421	URSUS				
13715-70080	25x5x91,8	V1906		421	4-80005 014	49,3x10x138,9 +1,0S	V87 V87N3	4484	426
13711-47010	28,9x5,5x103,4	V2139		417	4-80005 015	41,3x10x138,9 +1,0S	V315 V315N3	4144	426
13715-47010	24,3x5,5x104,6	V2140		417	89-005 915	49,2x10x139 +1,0S	V333 V515N3		426
13711-20020	34x5,5x95,2	V2145		421	050 506	39,2x8x129,5 +0,5S	V475 V475N1		425
13715-20020	27,3x5,5x95,3	V2146		421		+1,0D/+0,5S	V475N2		425
TOYOTA DIESEL						+1,0S	V475N4		425
	36x10x140,5	V169	1604	425	5050 505	33,2x10x129,5 +0,5S	V476 V476N1		425
	+1,0S	V490N3		425		+1,0D/+0,5S	V476N2		425
	36x10x140,5	V488	16122	425		+1,0S	V476N4		425
	42,8x9x140,5	V489	16109	425	5000 849	44,5x9x145 +1,0D/+0,5S	V815 V815N		425
	+1,0S	V489N3		425	5000 848	36,5x9x145 +1,0D/+0,5S	V816 V816N		425
	36x10x140,5	V490	16106	425					425
	+1,0S	V490N3		425	U.T.B. UNIVERSAL				
0949.73	33x8x111,9	V710	537450	422	11 502 050	44x8x125,8 +0,3S	V321 V321N	17042	426
	+0,5S	V710N1		422		+0,5S	V321N1		426
0948.59	+1,0S	V710N3		422		+1,0S	V321N2		426
	38,5x8x112,4	V721	531005	422		+1,5S	V321N4		426
	+0,5S	V721N1		422					
	+1,0S	V721N3		422					
	44x9x140,5	V931	1637	425					
	+1,0S	V505N3		425					
SU001-00551	32,8x5,5x97,3	V1205	181102	421					
SU001-00552	30,3x5,5x97,3	V1206	181103	421					
13711-64011	38,5x8x105,6	V1345	V3593	422					
13715-64010	32,5x8x106,5	V1346	V3594	422					

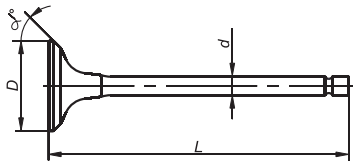
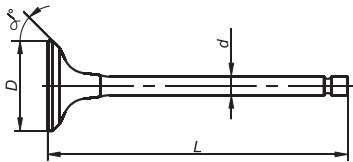
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12 702 105	37x8x125,6	V322	17043	426
	+0,3S	V322N		426
	+0,5S	V322N1		426
	+1,0S	V322N2		426
	+1,5S	V322N4		426
103 02 117	41x11x168,3	V449		426
103 02 118	37x11x167,6	V450		426
VAUXHALL „see” OPEL				
VLADIMIRAC				
100-7014-W1	44x9x137	V1355		427
100-7015-W	38x9x137	V1356		427
VOLGA				
402.1007010	47,1x9x117,2	V1231		427
402.1007015	39,1x9x117,3	V1232		427
13-1007010-B1	47x9x117	V2011		V427
24-1007015	36x9x117,5	V2012		V427
VOLKSWAGEN				
113 109 601A	31,5x8x111,8	V318	33005	437
113 109 612	30x8x111,8	V319	33007	437
036 109 601B	34x8x104	V545	3361	428
036 109 601F	31,5x8x104	V546	39129	430
052 109 611A	28,2x8x104	V547	3910	428
030 109 601C	36x8x98,9	V645	33046	431
030 109 601F	36x8x98,9	V645A	39255	430
030 109 611A	28,9x8x99,1	V646	39114	430
036 109 601	34x8x104	V647	3341	428
052 109 611	28x8x104	V648	33032	427
030 109 601E	32x8x99,3	V682	39268	430
052 109 601	31,5x8x104	V692	33043	427
026 109 601C	40x8x91	V701	39136	439
026 109 611A	33,2x8x91	V702	33048	440
053 109 611	33,2x8x91	V702B	33047	439
036 109 601A	34x8x110,5	V711	3362	429
036 109 611	28,2x8x110,5	V712	3352	429
049 109 601F	34x8x98,7	V747	33024	433
049 109 611F	31,2x8x98,5	V748	33025	433
049 109 601A	38x8x105,7	V749	3322	438
049 109 611A	31,2x8x105,5	V750	3320	438
035 109 601C	38x8x98,7	V751	33022	438
035 109 611F	33,2x8x98,5	V752	33023	438
026 109 601	40x8x98,7	V753	39100	441

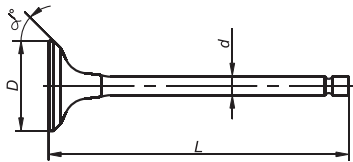
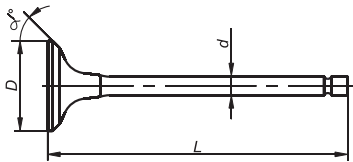
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056 109 601A	34x8x98,7	V755	3301	431
027 109 601C	32x7x95,5	V779	33125	441
027 109 611D	28x7x98,2	V780	33050	441
030 109 601 AH	35,6x7x94,7	V783	39530	436
032 109 611G	29x7x95	V784	39467	433
035 109 601J	38x8x91,9	V796	33282	442
056 109 611A	31,2x8x98,5	V799	33002	431
043 109 611	30x9x111,9	V834	33016	437
058 109 601C	26,9x6x105,1	V839	33413	445
058 109 611M	29,9x6x103,9	V840	33438	445
030 109 601N	32x7x99,3	V847		429
030 109 611D	28,9x7x99,1	V848	39363	429
030 109 601 AG	31x7x94,7	V851	39542	427
030 109 611N	26x7x94,4	V852	39515	427
078 109 601B	39,5x7x91,9	V869	33403	440
048 109 611B	32,9x7x91,2	V870	33416	436
030 109 601L	36x7x99,3	V874	331100	432
051 109 601B	32x7x95,5	V889	33308	446
051 109 611B	27x7x98	V890	33309	446
048 109 601A	39,5x8x91,9	V899	33313	444
032 109 601G	34,6x7x94,8	V922	39367	436
021 109 601H	39x7x106	V929	39372	445
021 109 611D	34,2x7x107	V930	39300	445
036 109 601S	29,5x6x100,9	V957	39522	434
036 109 611K	26x6x100,5	V958	39523	433
030 109 601G	34x7x99	V1067	39360	432
040 109 601	39x8x111,8	V1080	331037	438
036 109 601P	29,5x6x97,9	V1107	331037	437
036 109 611L	26x6x97,3	V1108	331038	437
030 109601AL	33,5x6x99,2	V1109	331046	435
030 109 611T	28x6x99,2	V1110	331047	434
025 109 601	39,9x8x122,4	V1113	39112	451
025 109 612A	33,9x9x122,7	V1114	3911	451
311 109 601	35,5x8x111,9	V1127	33009	437
311 109 612A	32x8x111,8	V1128	33008	438
036 109 601R	22,5x6x98,7	V1135		437
036 109 611J	20x6x98,5	V1136		437
077 109 601Q	26,9x6x96,5	V1137		450
077 109 611S	29,9x6x95	V1138		450
022 109 601E	31x6x102,1	V1217	331041	446
022 109 611C	27x6x136,4	V1218	331042	446
022 109 601F	31x6x136	V1219		446
022 109 611B	27x6x102,5	V1220		446
00A 109 601A	35x7x101,5	V1229	26048	451
00A 109 611	31x7x103,5	V1230	26049	451
032 109 601L	34,5x6x99,2	V1265		433

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VOLKSWAGEN				
048 109 601E	38x7x91,8	V1293	33410	436
06B 109 601D	39,4x6x93,8	V1379	331057	437
06B 106 611C	32,9x6x93,8	V1380	331058	437
030 109 601AK	31x6x99	V1439		427
030 109 611S	26x6x99	V1440		427
25 109 601B	35,5x8x122,4	V1539	39111	451
25 109 612B	30x9x122,7	V1540	3912	451
06D 109 601K	33,8x6x104	V1605	331116	449
06D 109 611H	28x6x101,9	V1606	331117	447
046 109 601C	37,8x9x137,2	V1613	3340	433
046 109 611A	33x9x137	V1614	3323	433
058 109 611E	29,9x6x103,9	V1634	331107	445
06E 109 601Q	32,3x6x104	V1679		449
030 109 601AA	32,1x7x94,5	V1683	39464	433
022 109 601G	33,2x6x102,4	V1685	331127	450
022 109 611N	30,2x6x102,3	V1686	331129	450
022 109 601H	33,2x6x136,3	V1687	331128	450
022 109 611P	30,2x6x136,1	V1688	331130	450
021 109 601	39,3x8x117	V1857	33014	450
022 109 612D	33x9x117	V1858	33012	450
03F 109 601A	35,4x6x98,7	V1957		429
03F 109 611B	30x6x98,4	V1958		429
06D 109 601M	33,8x6x104	V2027	331125	447
04E 109 601	29,5x5x110,3	V2135		429
04E 109 611L	26,9x5x110,3	V2136		429
047 109 601B	31,5x7x103,6	V2147		429
047 109 611B	27x7x103,7	V2148		429
03C 109 601L	29,5x6x100,7	V2149		436
03C 109 611Q	26x6x100,7	V2150		436
VOLKSWAGEN DIESEL				
068 109 601C	34x8x104,8	V541	33028	453
	+0,3S	V541N		453
	+0,5S	V541N1		453
	+0,8S	V541N3		453
	+1,5S	V541N4		453
	+1,0S	V541N5		453
068 109 601D	34x8x104,8	V541A	4906	453
	+0,3S	V541N		453
	+0,5S	V541N1		453
	+0,8S	V541N3		453
	+1,5S	V541N4		453
	+1,0S	V541N5		453
068 109 611C	31,2x8x104,6	V542	33029	453
	+0,3S	V542N		453
	+0,5S	V542N1		453
VOLKSWAGEN DIESEL				
	+0,8S	V542N3		453
	+1,5S	V542N4		453
	+1,0S	V542N5		453
068 109 611D	31,2x8x104,6	V542A	4907	453
	+0,3S	V542N		453
	+0,5S	V542N1		453
	+0,8S	V542N3		453
	+1,5S	V542N4		453
	+1,0S	V542N5		453
068 109 601L	34x8x95,1	V543	39183	453
	+0,3S	V543N		453
	+0,5S	V543N1		453
	+0,8S	V543N3		453
	+1,5S	V543N4		453
	+1,0S	V543N5		453
068 109 601M	34x8x95,1	V543A	39138	454
	+0,3S	V543N		454
	+0,5S	V543N1		454
	+0,8S	V543N3		454
	+1,5S	V543N4		454
	+1,0S	V543N5		454
068 109 611L	31,2x8x95,1	V544	39116	453
	+0,3S	V544N		453
	+0,5S	V544N1		453
	+0,8S	V544N3		453
	+1,5S	V544N4		453
	+1,0S	V544N5		453
068 109 611M	31,2x8x95	V544A	39117	454
	+0,3S	V544N		454
	+0,5S	V544N1		454
	+0,8S	V544N3		454
	+1,5S	V544N4		454
	+1,0S	V544N5		454
030 109 611A	28,9x8x99	V646	39114	452
069 109 601F	36x8x95,1	V697	39123	456
	+0,5S	V697N1		456
	+0,8S	V697N3		456
069 109 601H	36x8x95,5	V697A	39143	456
	+0,5S	V697N1		456
	+0,8S	V697N3		456
074 109 611	31,2x8x95,1	V698	33049	458
	+0,5S	V698N1		458
	+0,8S	V698N3		458
068 109 601	34x8x104,8	V713	33026	452
	+0,5S	V713N1		452
068 109 611	31x8x104,6	V714	4900	452
	+0,5S	V714N1		452

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VOLKSWAGEN DIESEL									
030 109 601	34x8x99,1	V719	39262	452	059 109 601G	28,6x6x99,3	V1609	331123	466
069 109 601C	36x8x104,9	V756	3909	454	059 109 611H	26,8x6x99,2	V1610		466
	+0,5S	V756N1		454	038 109 601E	36x7x89,5	V1663	331124	463
	+1,0S	V756N3		454		+0,5S	V1663N1		463
072 109 601	36x8x104,9	V756A		455	038 109 611E	31,5x7x89	V1664		463
	+0,5S	V756N1		455		+0,5S	V1664N1		463
	+1,0S	V756N3		455	045 109 601	36x7x89,6	V1689		452
069 109 601	36x8x104,8	V800	3333	454	045 109 611	31,5x7x89,6	V1690		452
028 109 601B	36x7x95,5	V805	331035	465	038 109 601F	36x7x88,8	V1691	331131	465
	+0,5S	V805N1		465	038 109 611G	31,5x7x88,4	V1692	331132	465
028 109 611E	31,1x7x95,6	V806	331036	465	03L 109 601	28,1x6x99,3	V1693		466
	+0,5S	V806N1		465	03L 109 611	26x6x99,1	V1694		466
028 109 601D	36x7x96,9	V811	39486	462	038 109 611F	31,5x7x89,5	V1832		460
	+0,5S	V811N1		462	03L 109 601A	26,55x6x99,25	V2029		457
028 109 611G	31,4x7x96,9	V812	39487	462	03L 109 611A	24,45x6x99,1	V2030		457
	+0,5S	V812N1		462	VOLVO				
028 109 601H	36x8x96,8	V821	39423	461	3104401-9	33,5x7x89,8	V581	518293	468
	+0,5S	V821N1		461	3267437-6	29x7x88,9	V582	518533	468
046 109 611F	31,5x8x96,9	V822	33380	461	1397641-0	31x7x104,1	V763	47145	469
	+0,5S	V822N1		461	1366882-7	27x7x103,3	V764	47130	469
028 109 601J	36x7x96,5	V831	39502	462	3342278-3	38,2x8x111,5	V765	517982	469
	+0,5S	V831N1		462	3343738-5	32,5x8x111,3	V766	517981	469
028 109 611K	31,5x7x96,3	V832	39503	462	3277693-2	34x7x91,2	V858	516945	468
	+0,5S	V832N1		462	30711639	30x6x99	V1025	181106	468
061 109 601	40,5x8x114,6	V877	2048	467	30711638	24,1x6x101,5	V1026	181107	468
061 109 611	35,5x8x114,5	V878	2049	467	1378473-1	32,5x7x122,5	V1119	47127	472
059 109 601B	27,1x6x100,5	V879	331055	456	1378474-9	29,5x7x122,3	V1120	47128	472
059 109 611B	24,1x6x100,5	V880	331056	456	3344841-6	40,1x8x107,1	V1155	510201	471
038 109 601B	36x7x90	V919	331033	460	3344842-4	32,6x8x106,9	V1156	510202	471
	+0,5S	V919N1		460	1317793-6	34,5x7x122,5	V1227	4729	472
	+1,0S	V919N3		460	1317792-8	31,5x7x122,3	V1228	4730	472
038 109 611B	31,5x7x90	V920	331034	460	9454607	31x6x104,3	V1257		470
	+0,5S	V920N1		460	9454610	27x6x103,3	V1258		470
	+1,0S	V920N3		460	1336290-0	44x8x119,6	V1349	47100	472
062 109 601	33x7x105	V1193	331113	467	1336291-8	35x8x119,9	V1350	47101	472
062 109 611A	40x7x105	V1194	331112	467	8694781	32,5x5,5x103,4	V1363	181110	471
00A 109 601A	35x7x101,5	V1229	26048	467	8694780	28x5,5x104,6	V1364	181111	471
00A 109 611	31x7x103,5	V1230	26049	467	30777329	35x5,5x103,4	V1495	181108	471
059 109 601F	27,1x6x100,6	V1277	331110	467	30777328	30x5,5x104,6	V1496	181109	471
059 109 611G	24,1x6x100,6	V1278	331111	467	9454608	32x6x104,3	V1633		470
J13711-54020	42,5x8x103,5	V1387	V4291	467	2458024	37x8x111,3	V1920	538930	471
J13715-54040	36x8x103,3	V1484	711024	467	2453900	43,9x8x112	V1943	5362226	471
03G 109 601A	29,4x6x88,5	V1491	331119	455	1270455	32x7x104,3	V2151		469
03G 109 611B	25,5x6x88,2	V1492	331120	455	VOLVO DIESEL				
13711-54010	42,6x8,5x123	V1583	V3244	467	068 109 601D	34x8x104,8	V541A	4906	473
13715-54020	35x8,5x122,8	V1584	S3248	467		+0,3S	V541N		473
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03G 109 611D	25,4x6x87,5	V1608	311122	465					

									
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	+0,8S	V541N3		473	8653744	25x6x105	V1180	531022	476
	+1,5S	V541N4		473	30711498	25,6x5,5x96,4	V1493	539009	472
	+1,0S	V541N5		473	30711497	23,4x5,5x96,6	V1494	539010	472
	31,2x8x104,6	V542		473	8631650	28,8x6x98,1	V1617		475
	+0,3S	V542N		473	8631651	26,2x6x97,8	V1618		475
	+0,5S	V542N1		473	313 301 81	30,15x5,5x95,6	V2049		472
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1389262-5	+1,5S	V542N4	4907	473	VOLVO INDUSTRIAL AND COMMERCIAL				
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	31,2x8x104,6	V542A		473		+0,3S	V199N		477
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	+0,8S	V542N3		473		+1,2S	V199N3		477
	+1,5S	V542N4		473		+0,5S/+0,2d	V199N5		477
	+1,0S	V542N5		473		+0,5d	V199N6		477
068 109 611M	31,2x8x95	V544A	39117	474		+0,2d	V199N7		477
	+0,3S	V544N		474		+1,2S/+0,5d	V199N9		477
	+0,5S	V544N1		474		36,6x9,5x123,3	V200		477
	+0,8S	V544N3		474		+0,3S	V200N		477
	+1,5S	V544N4		474		+0,5S	V200N1		477
	+1,0S	V544N5		474		+0,8S	V200N2		477
	36x8x95,1	V697A		474		+1,2S	V200N3		477
	+0,5S	V697N1		474		+0,5S/+0,2d	V200N5		477
069 109 601H	+0,8S	V697N3	39143	474		+0,5d	V200N6		477
	1257054	V714		473		+0,2d	V200N7		477
	+0,5S	V714N1		473		+1,2S/+0,5d	V200N9		477
	1328088-8	V756		473		44,3x9,5x122,9	V343		477
	+0,5S	V756N1		473		+0,075d	V343.1		477
	+1,0S	V756N3		473		+0,4d	V343.2		477
	1389261-7	V756A		474		+0,3S	V343N		477
	+0,5S	V756N1		474		+0,5S	V343N1		477
1257053	+1,0S	V756N3	39161	474		+0,8S	V343N2		477
	36x8x104,8	V800		473		+1,2S	V343N3		477
	046 109 601H	V821		475		+0,5S/+0,2d	V343N5		477
	+0,5S	V821N1		475		+0,5d	V343N6		477
	046 109 611F	V822		475		+0,2d	V343N7		477
	+0,5S	V822N1		475		+1,2S/0,5d	V343N9		477
	7701 468 035	V837		475		36,6x9,5x123,3	V344	105-03366	477
	3287966-0	V855		474		+0,075d	V344.1		477
3287967-8	+1,0S	V855N3	517963	474		+0,4d	V344.2		477
	31,6x8x111,3	V856		474		+0,3S	V344N		477
	+1,0S	V856N3		474		+0,5S	V344N1		477
	7701 471 702	V951		475		+0,8S	V344N2		477
	7701 471 703	V952		475		+1,2S	V344N3		477
	3345515	V1057		475		+0,5S/+0,2d	V344N5		477
	3345516	V1058		475					

									
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	+0,5d	V344N6		477		44,3x9,5x122,9	V199		484
	+0,2d	V344N7		477		+0,3S	V199N		484
	+1,2S/0,5d	V344N9		477		+0,5S	V199N1		484
469240–6	49x11x167,2	V459	105–35377	480		+0,8S	V199N2		484
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467502–1	50x11x167,2	V463	105–35037	480		+0,5S/+0,2d	V199N5		484
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468303–3	50x11x167,2	V556	105–34950	481		+0,2d	V199N7		484
420553–0	41x8x145,3	V767	48114	476		+1,2S/+0,5d	V199N9		484
465549–4	37x8x145,3	V768	48115	476		36,6x9,5x123,3	V200		484
466379–5	43x11x148,5	V1087	105–35099	478		+0,3S	V200N		484
	+1,0S	V1087N3		478		+0,5S	V200N1		484
421680	37x11x148,6	V1088	48150	478		+0,8S	V200N2		484
	+1,0S	V1088N3		478		+1,2S	V200N3		484
1556472	47x9,5x176,8	V1197	1351	482		+0,5S/+0,2d	V200N5		484
1556473	45x9,5x176,9	V1198	1352	482		+0,5d	V200N6		484
465281	41x8x145,3	V1259		476		+0,2d	V200N7		484
465282	37x8x145,3	V1260		476		+1,2S/+0,5d	V200N9		484
20459326	40x8x192	V1303	48225	482		44,3x9,5x122,9	V343	105–03365	484
8148574	40x8x191,7	V1304	48227	481		+0,075d	V343.1		484
8194223	50x11x167,2	V1381	48324	480		+0,4d	V343.2		484
8194224	46x11x167,2	V1382	48151	480		+0,3S	V343N		484
20450002	38x8x192	V1519	48308	479		+0,5S	V343N1		484
8148069	38x8x191,7	V1520	48309	479		+0,8S	V343N2		484
20405502	48x9x139	V1525	22221	479		+1,2S	V343N3		484
20405503	42x9x139	V1526	22220	479		+0,5S/+0,2d	V343N5		484
1547492	40x8x192	V1684		481		+0,5d	V343N6		484
20735572	49x10x192,9	V1807		482		+0,2d	V343N7		484
20513875	46x10x191,4	V1808		482		+1,2S/+0,5d	V343N9		484
3978768	43x8x149,6	V1827	48322	478		36,6x9,5x123,3	V344	105–03366	484
3978766	39x8x149,6	V1828	48323	478		+0,075d	V344.1		484
20712128	42x8x192	V1853	48315	482		+0,4d	V344.2		484
20768506	40x8x191,7	V1854	48316	482		+0,3S	V344N		484
20540012	40x8x192	V1879		481		+0,5S	V344N1		484
20464020	38x8x192,7	V1880		481		+0,8S	V344N2		484
20564039	36x8x192,7	V1974	48312	480		+1,2S	V344N3		484
20528113	38x8x192	V1993	48310	479		+0,5S/+0,2d	V344N5		484
20570965	38x8x191,7	V1994	48311	479		+0,5d	V344N6		484
477 447	43x8x149,6	V2153	48207	478		+0,2d	V344N7		484
477 443	39x8x149,5	V2154	48208	478		+1,2S/+0,5d	V344N9		484
20833932	38,2x8x145,7	V2155		479		46x11x167,2	V460	48151	486
20833936	35,8x8x145,8	V2156		479		50x11x167,2	V463	105–35037	486
838637	39x8x126,5	V2167		476		45x8x129,1	V527	111006	485
838638	37x8x126,5	V2168		476		42x8x129,1	V528	111007	485
						54x11x167,2	V555	105–34949	486
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	43x11x148,5	V1087	105–35092	485		+0,2S	V86N		489
	+1,0S	V1087N3		485		+0,5S	V86N1		489
	37x11x148,5	V1088	48150	485		+1,0D/+0,5S	V86N2		489
	+1,0S	V1088N3		485		+1,0S	V86N4		489
	40,1x8x124,7	V1261	22149			+1,0D/+1,0S	V86N5		489
	+0,2d	V1261N			4–80005014	49,3x10x138,9	V87	4484	490
	34,9x8x124,7	V1262	22150			+1,0S	V87N3		490
	+0,2d	V1262N			4–80005015	41,3x10x138,9	V315	4144	490
	40,5x8x124,9	V1375	22143			+1,0S	V315N3		490
	+0,2d	V1375N			D 64000423	49,2x10x139	V515		490
	48x9x139	V1525	22221	485		+1,0S	V515N3		490
	42x9x139	V1526	22220	485	D 64000424	41,3x10x138,9	V516		490
	45x9x124,1	V1587	105–35611	485		+1,0S	V516N3		490
	42x9x124,1	V1588	105–35612	485	69010555	44,5x10x129,5	V549		489
	44,2x9,5x122,8	V1941	105–35608	484		+0,3S	V549N		489
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4 064 701	25,5x7x92,2	V01	1756	486		+1,0D/+0,5S	V549N2		489
4 064 702	23,5x7x92,2	V02	1756	486		+1,0S	V549N3		489
4 239 917	36x8x108,5	V152	17002	487	69010554	36,5x10x129,5	V550		489
4 315 062	31x8x109	V153	17001	487		+0,3S	V550N		489
700 010	28,5x7x96	V254		486		+0,5S	V550N1		489
700 011	26x7x96	V255		486		+1,0D/+0,5S	V550N2		489
4 265 695	29x7x95,3	V257	17004	487		+1,0S	V550N3		489
4 377 979	26x7x95,7	V258	17021	487	1050409	40x10x155	V667		489
7 609 772	37,5x8x108,5	V411	17073	488	1050408	40x10x155	V668		489
5 973 128	31x8x109	V412	171030	488					
5 973 129	33,2x8x109	V506	17024	488					
4 294 099	33x8x115,3	V539	17020	487					
4 379 989	28x8x116	V540	17006	487					
55194993	31,9x5x98,4	V1555		487					
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245 100 7010	34x8x111	V479		488					
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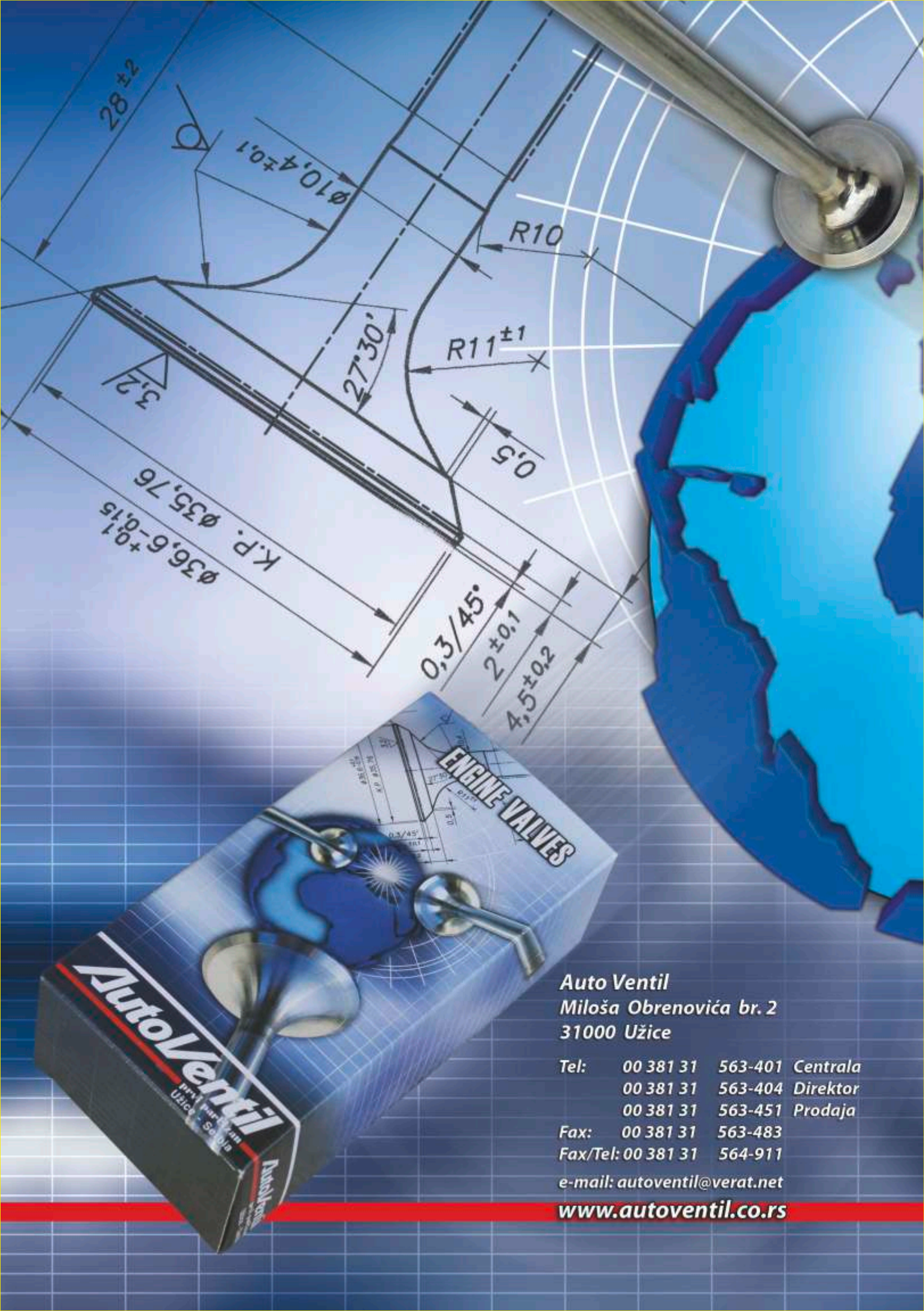
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