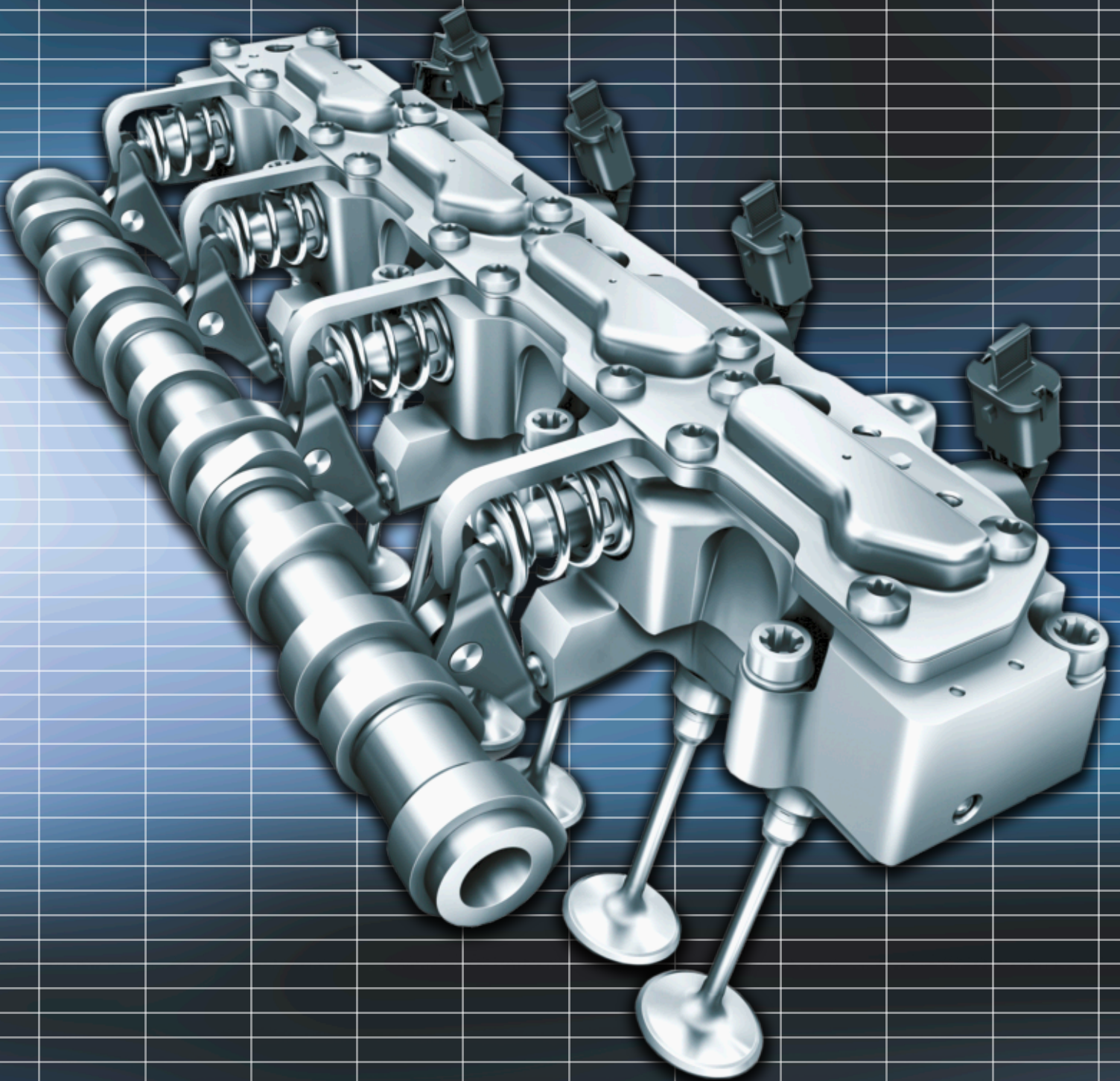


VALVES GUIDES 2016/2017



AutoVentil

Užice - Serbia

Since 1957



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

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

Osim mogućnosti da proizvodi velike serije uključujući najzahtevnije izvedbe prućene 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 šljajfovanje ventila izradenu 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.

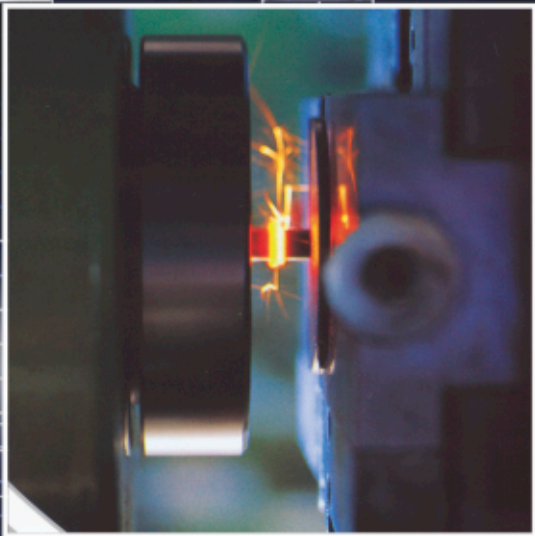
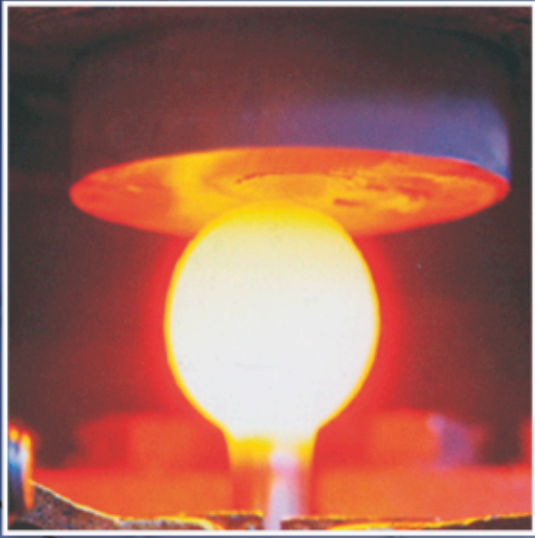


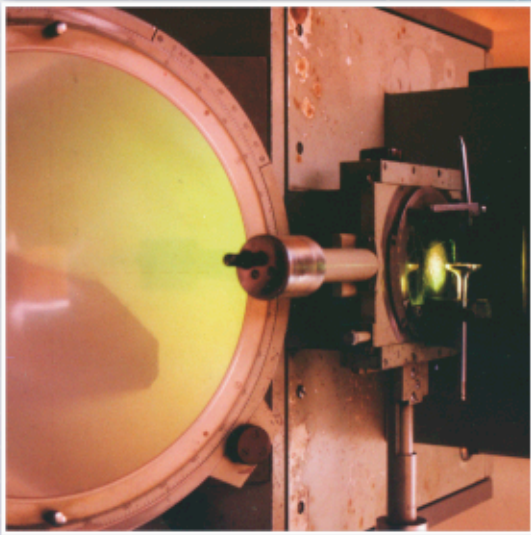
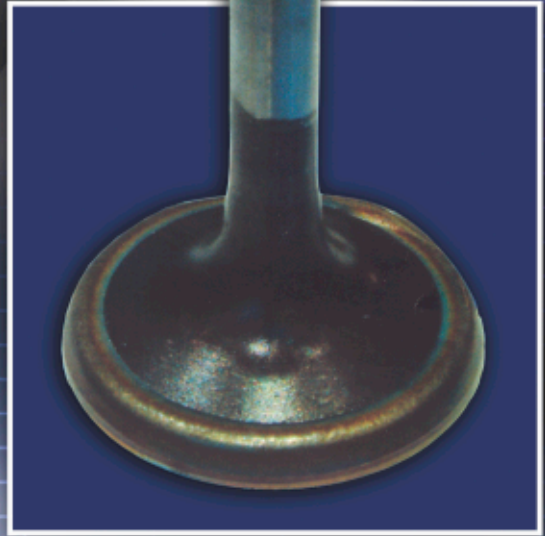
Autoventil a.d. company, founded in 1957, is located in the town of Uzice, 190km southwest from Belgrade, Republic of Serbia. It has gained numerous domestic and foreign customers and business partners since then.

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

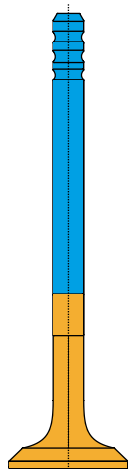
prvi partizan



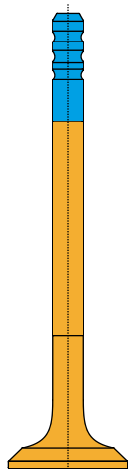
TEHNOLOŠKE MOGUĆNOSTI

TECHNOLOGISCHE MÖGLICHKEITEN

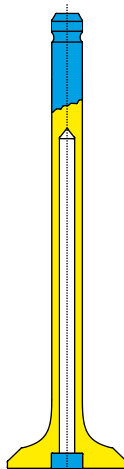
TECHNOLOGICAL FEATURES



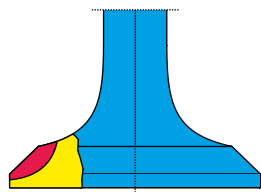
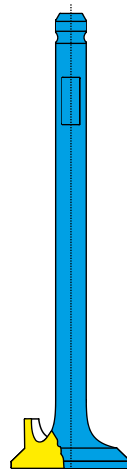
BIMETALNI VENTIL
BIMETALL-VENTILE
BIMETALLIC VALVES



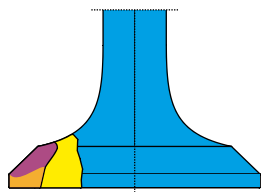
**VENTIL BUŠEN I PUNJEN
NATRIJUMOM**
NATRIUMGEFÜLLTES VENTIL
NATRIUM-FILLED VALVE



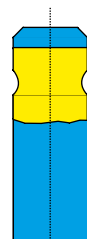
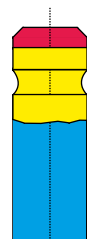
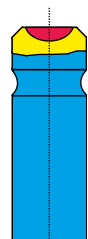
**VENTIL SA
DEFLEKTOROM**
VENTIL MIT DEFLEKTOR
DEFLECTOR-EQUIPPED VALVE



STELITIRANO SEDIŠTE
GEPANZERTER VENTILSITZ
REINFORCED SEAT



**INDUKTIVNO KALJENO
SEDIŠTE**
INDUKTIV GEHÄRTETER VENTILSITZ
INDUCTION QUENCH-HARDENED SEAT

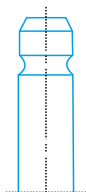


OJAČANJE VRHA VENTILA
PANZERUNG DER VENTILSTIRN
VALVE-TIP REINFORCEMENT

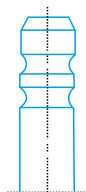
OBLICI KRAJA STABLA

VENTILSCHAFTENDE-FORMEN

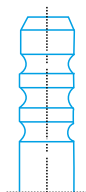
VALVE END-SHAFT SHAPES



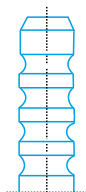
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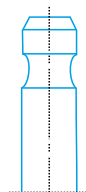
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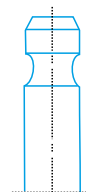
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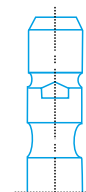
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5



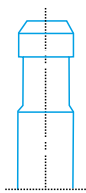
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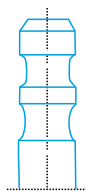
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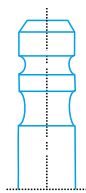
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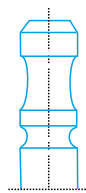
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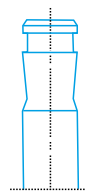
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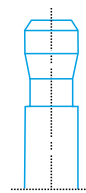
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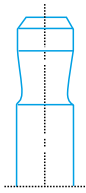
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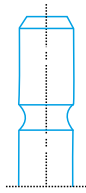
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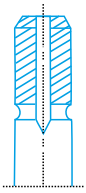
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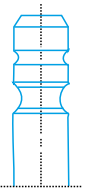
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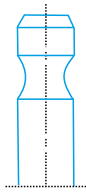
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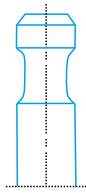
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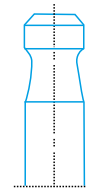
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19



20

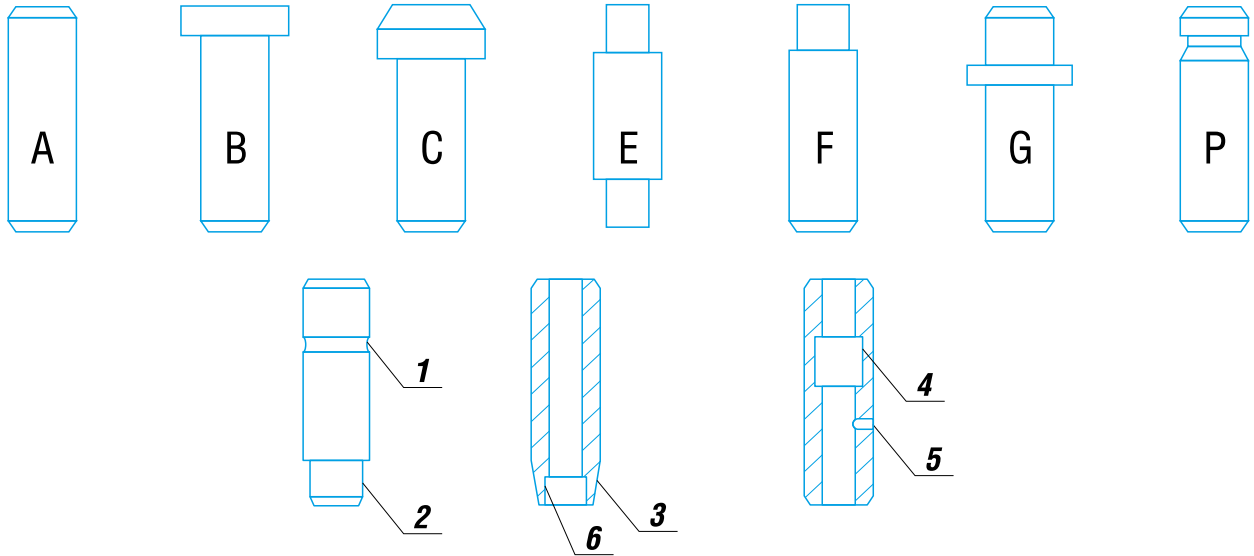


21

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 antifricion capacity.

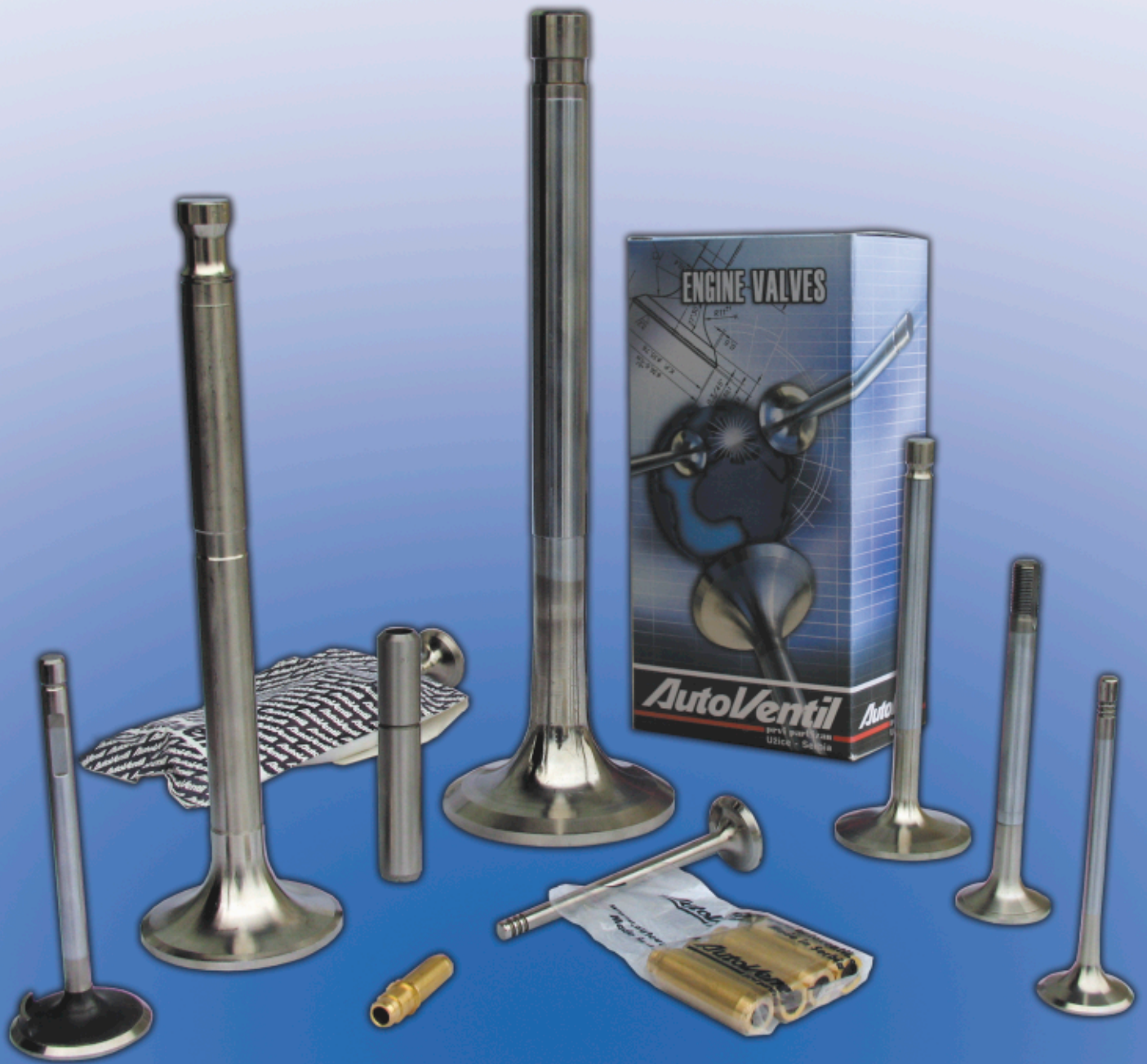
G Grauguss mit perlitischem Gefüge und Phosphoranteil; verringerter Verschleiß und geringer Reibungswiderstand.

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.

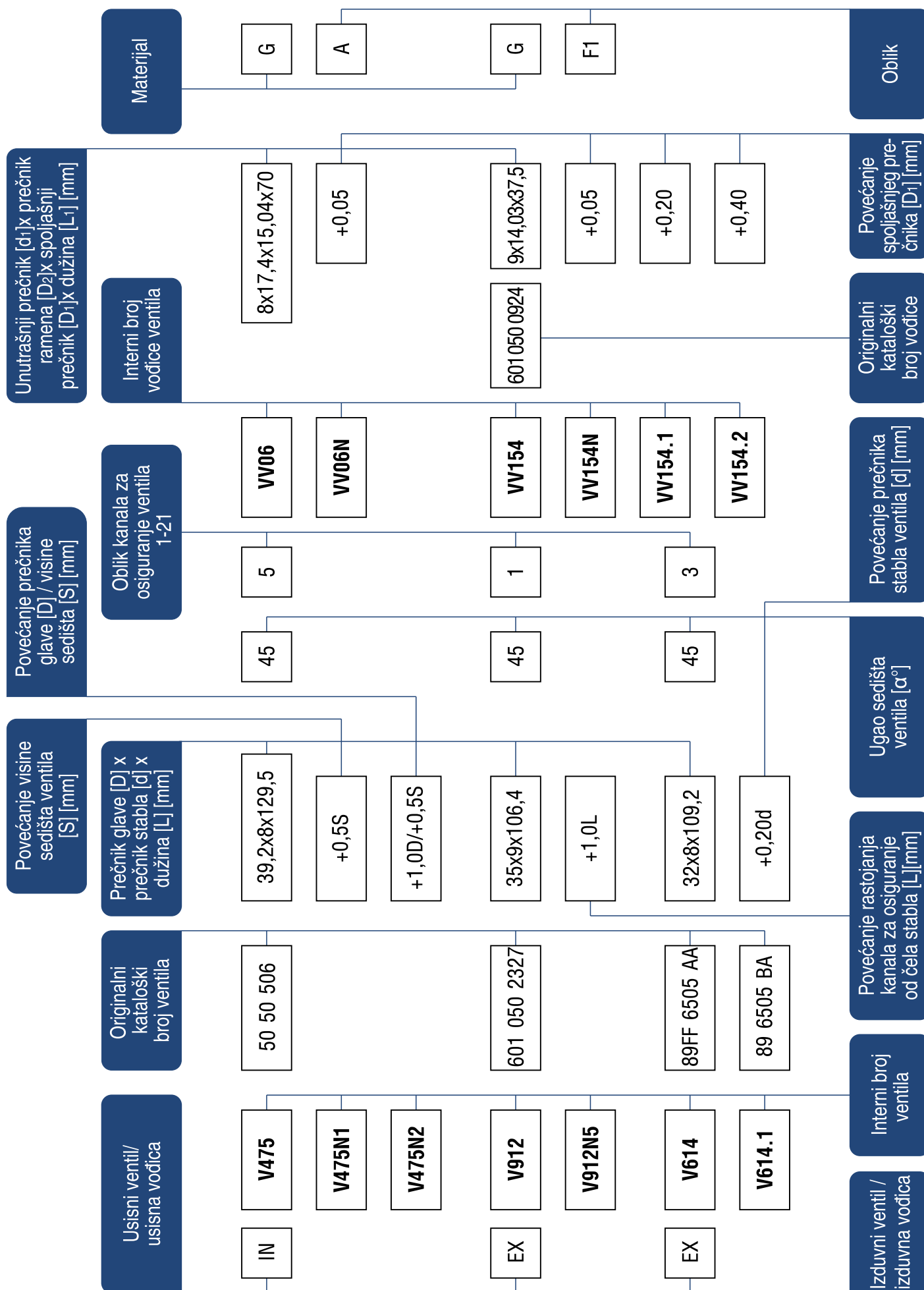
B Bronze with % of manganese; excellent thermal conductivity and wear resistance characteristics. Particularly fit for last generation of engines with aluminium heads. Alloy used by leading European manufacturers.

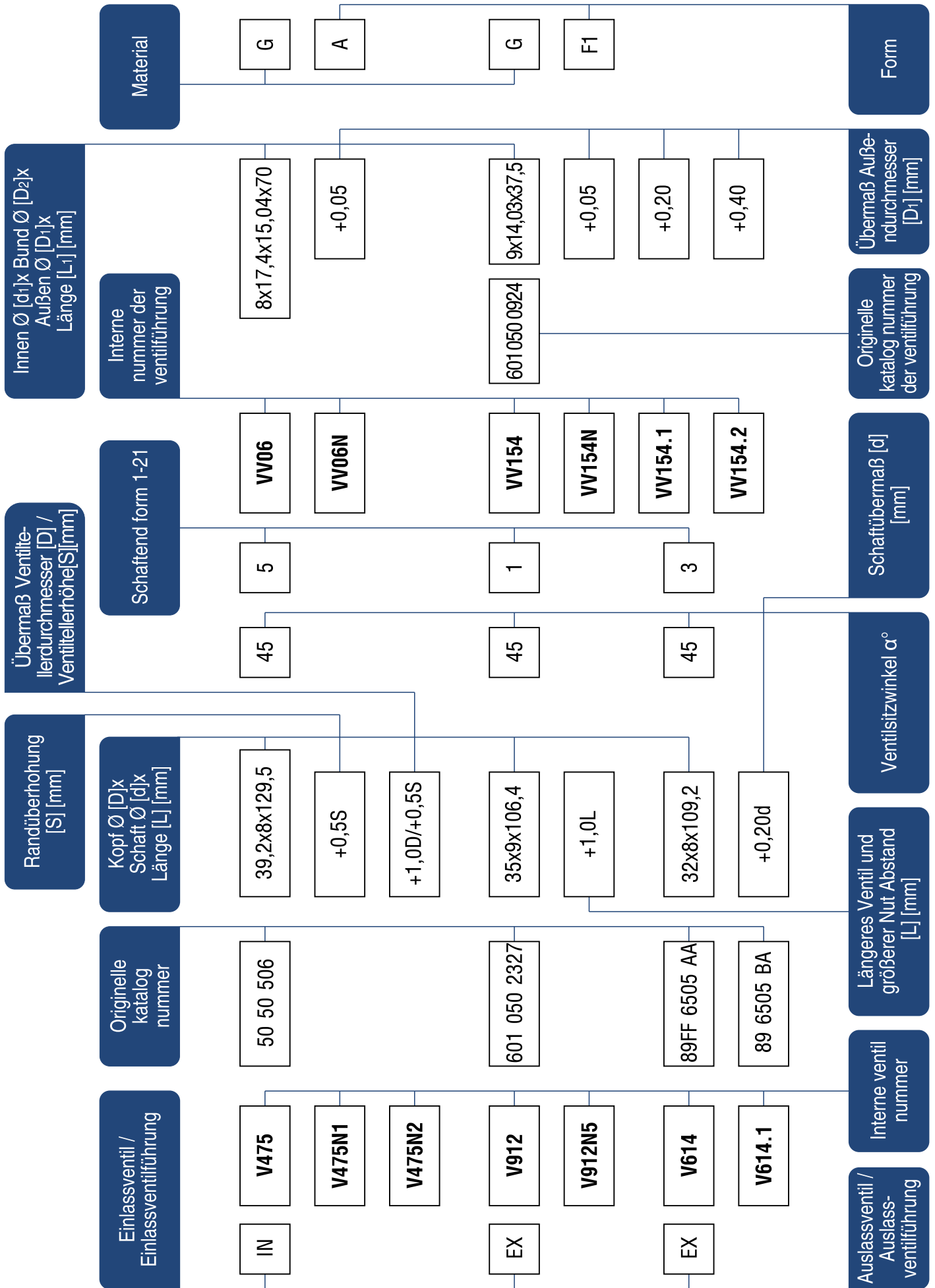
B Bronze mit Magnesiumanteil; hervorragende Wärmeleitfähig und hoher Verschleißwiderstand. Diese Metall-Legierung findet Verwendung bei führenden europäischen Herstellern. Insbesondere geeignet für die letzte Zylinderkopfgeneration aus Aluminium.

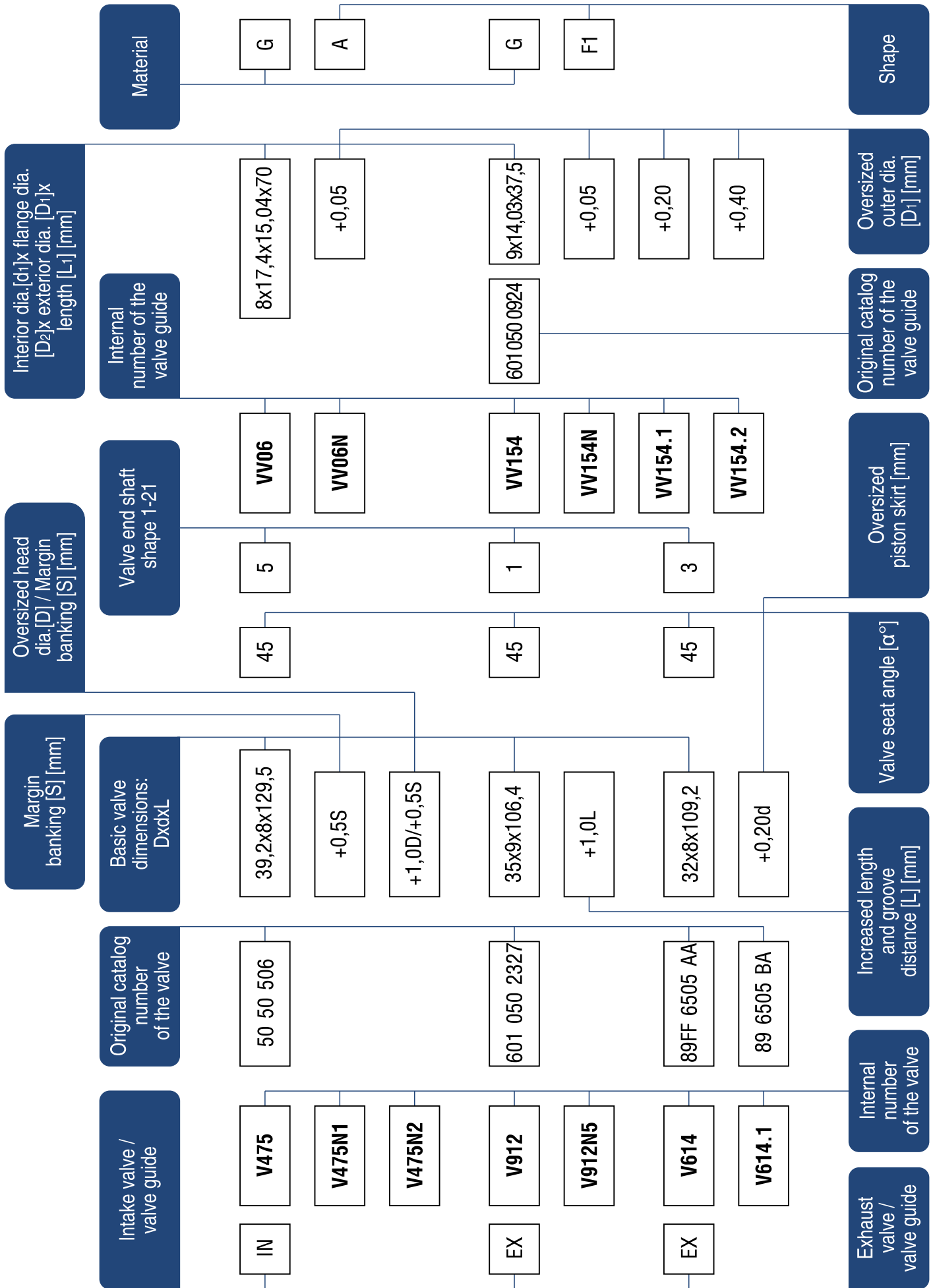
AutoVentil

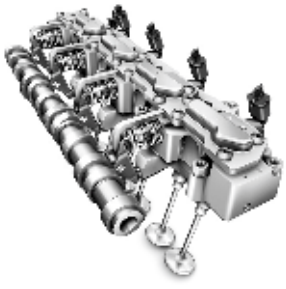
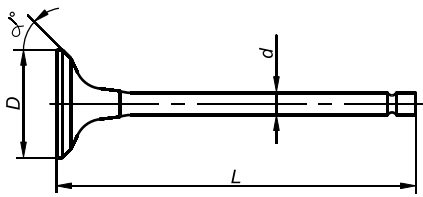
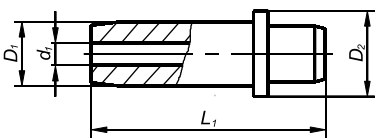


VALVES GUIDES







			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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
			1	2	3	4	5	6	7	8	9	10	11

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

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
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	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	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	91-96 151kw(205PS)	90 V6	IN EX	V1529 V1530	14711-PM3-000 14721-PM3-000	29x5,5x115 24,9x5,5x118,7	45	1	VV347 VV347N VV348 VV348N	12204-PJ7-305 12205-PJ7-305	5,5x11,06x47,5 +0,05 5,5x11,06x54 +0,05	G P G P
SLX 3,2 Allroad Eng. 6VD1	95-99	93,4 V6	IN EX	V1649 V1650	641 049 641 360	34x6x103,8 29x6x103,5	45	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	08 → 114kw(155PS)	72 4	IN EX	V1451* * Retainer V1452* * Retainer	55185028 s.e. 2,5 mm 55106233 s.e. 2,5 mm	26,9x6x95,2 22,4x6x94,7	45	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

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE													
														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→	72	IN	4	V1451*	55185028	26,9x6x95,2	45	3	VV259	46441525	6x10,04x39,7	G													
	→10	4												* Retainer s.e. 2,5 mm	VV259.1	73500256	+0,03	F								
																			VV259.2	73500257	+0,23	F				
																							VV527	BRONZE VERSION	6x10,04x39,7	B
MiTo 1.4i.e. Turbo 16V Giulietta 1.4i.e. Turbo 16V Eng. 198 A4.000 GPL 1368ccm	11→	72	IN	4	V2021	55225886	26,8x6x95,2	60	3	VV259	46441525	6x10,04x39,7	G													
																	VV259.1	73500256	+0,03	F						
																					VV259.2	73500257	+0,23	F		
																									VV527	BRONZE VERSION
Alfa 75 1.6 Eng. AR061.00, AR611.01 1567ccm 81kw(110PS)	85→	78	IN	4	V1407	60521573 11717.03300.00	42x9x106,5	60	1																	
																EX	V1176	60521576 11608.03301.01	37x9x106,5	60	1					
Alfeta 1.8 Eng. AR016.78 Alfa 75 1.8 Alfa 90 1.8 Eng. AR061.02 1779ccm 89kw(120PS)	75→	80	IN	4																						
															EX											
Alfa 33 1.3/1.3S Sprint 1.3 Eng. 305.68 1351ccm 55kw(75PS)	88→	80	IN	4	V1557	605 04 051	38,8x8x92,8	45	3																	
																EX	V1558	605 03 993	33,2x8x93,5	45	3					
Alfa 33 1.3/1.3S Alfasud 1.3 Alfa Arna 1.3 Eng. 301.68 1350ccm 63kw(86PS)	83→	80	IN	4	V971	125 195	38,1x8x98	45	3	VV275	700001	8x13,09x40,5	G													
																EX	V972	125 196	33,1x8x97,5	45	3	VV276	700002	8x13,09x44	G A	

1	2	3	4	5	6	7	8	9	10	11	12
ALFA ROMEO											
Alfa 33 Nuova 1.2 Eng. 307.43 1186ccm	88→ 50kW(68PS)	80 4	IN EX EX	V1175 V1186 V1176	605 40 326 605 40 325 11608.03301.01	39,8x8x92 33,1x8x92,1 37x9x106,5	45 3 45 3 60 1	VV275 VV275	700001 700001	8x13,09x40,5 8x13,09x40,5	G F G F
Alfa 145/146 1.4L Eng. 335.01 1351ccm	95→ 60kW(90PS)										
Alfa 33 Nuova 1.3 Eng. 307.32/307.53/307.55 1351ccm	88→ 65kW(88PS)										
Alfa 33 Nuova 1.5 Eng. 307.34/307.38 1490ccm	88→ 77kW(105PS)	84 4									
Alfa 145 1.6 i.e. Alfa 146 1.6 i.e. Eng. 332.01 1596ccm	94→ 94→ 76kW(103PS)										
Alfa 33 Nuova 1.7 i.e. Eng. 307.36/307.37/307.40 1717ccm	88→ 79kW(107PS)	87 4									
Alfa 164 GTV V6 2.0 Spider V6 2.0 Eng. 16202, 64102 Turbo 1997ccm	92-98 98→ 147kw(200PS)	80 V6	IN EX	V1225 V1226	605 13 702 605 13 703	36,5x9x107,2 32,5x9x94,9	45 3 45 3	VV455 VV455.1 VV456 VV456.1	60810438 60810435	9x14,06x48,5 +0,05 9x14,06x42 +0,05	B F G F
Alfa 166 V6 2.0 Eng. 34102 1997ccm	98→ 151kw(205PS)										
Alfa 159 1.8 16V Eng. 939 A4.000 1796ccm	06→ 103kw(140PS)	80,5 4	IN EX	V1611 V1612	55557741 71744388	31,2x5x113,9 27,5x5x113,2	45 3 45 3	VV390 VV390N VV390.1 VV390 VV390N VV390.1	71739771 71739803 71739771 71739803	5x10,04x37 +0,05 +0,21 5x10,04x37 +0,05 +0,21	G F G F

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

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 VV419.1 +0,03 F							
			V1010 605 12 751 38x8x119,4 45 3		VV420 60579200 8x15,08x45 VV420.1 +0,03 F						
Alfa 155 TS 1.8i.e. 92→ Eng. 67102/67101 1773ccm 95kw(129PS)	84 4	IN	V1009 605 64 098 44x8x116 45 3	VV419 60701202 8x15,08x48 VV419.1 +0,03 F							
			V1010 605 12 751 38x8x119,4 45 3		VV420 60579200 8x15,08x45 VV420.1 +0,03 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 43,5x8x105,6 45 1 46406169	VV69 4 250 803 8x14,06x46,5 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							
			V946 7 597 080 36,2x8x105,9 45 1 5 975 341		VV69 4 250 803 8x14,06x46,5 G VV69.1 4 372 160 +0,03 F VV69.2 4 372 161 +0,08 VV69.3 4 250 804 +0,18 VV69.4 4 372 162 +0,23						
Alfa 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 VV267.1 7 616 992 +0,03 F VV267.2 7 616 993 +0,08 VV267.3 7 616 994 +0,18							
			V706 608 05 836 28,5x7x125,7 45 1		VV267 7 616 998 7x14,04x51,3 G VV267.1 7 616 992 +0,03 F VV267.2 7 616 993 +0,08 VV267.3 7 616 994 +0,18						

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	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	35x6x101,5 30,6x6x97,2	45 1 45 1				
Alfa 159 1.9JTS 16V Eng. 939 A6.000 1858ccm	05→ 118kw(160PS)	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	05→ 06→ 06→										
Alfa 33 Q.V. 1.7 Alfa 33 Sprint Q.V. 1.7 Eng. 305.50, 305.58 1717ccm	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	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	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 xD ₂ /D ₁ xL 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→ Alfa 166 i.e. V6 3.0 24V 98→ Eng. 64304	93	IN	V1181	605 60 643	35,6x7x102,1	45	3	VV403	60612839	7x12,07x38	G
	V6							VV403.1		+0,03	F
Alfa 164 i.e. Quadrifoglio 4WD 3.0 24V 93→ Eng. 64307		EX	V1182	605 60 644	31,1x7x102,3	45	3	VV404	60612835	7x12,07x43	G
Alfa GTV V6 3.0 24V 95→ Spider V6 3.0 24V 95→ Eng. 16102 2959ccm 162/171kW(220/233PS)								VV404.1		+0,03	F
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→ Alfa 164 3.0 V6 12V 87→ Spider 3.0 V6 12V 98→ Eng. 64305 M624 AA/AB.30.A 2959ccm 138kW(188PS)	93	IN	V1561	605 12 982	44x9x104,8	45	1	VV457	60505940	9x14,05x49	G
	V6							VV455	60810438	9x14,06x48,5	B
		EX	V1562	605 01 089	38,5x9x92,2	45	1	VV458	60737369	9x14,07x42,5	G
				605 12 984							F

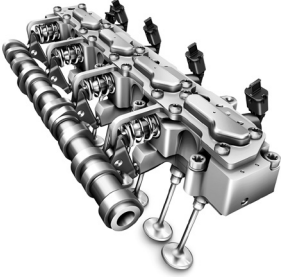
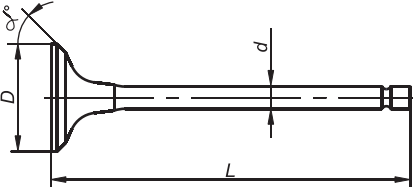
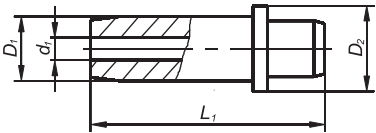
ALFA ROMEO DIESEL

MiTo 1.3 JTDM 1248ccm	69,6	IN	V1873	55204574	22,45x6x109,2	45	3	VV391	46816601	6x10,03x43,2	G	
	08→	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 Eng. 198 A2.000 1598ccm	08	72	IN	V1680	55205125	26,5x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
		4						VV437.1	55210015	+0,03	A	
								VV437.2	55210017	+0,23		
		EX	V1596	55207955	24,5x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G	
								VV437.1	55210015	+0,03	A	
								VV437.2	55210017	+0,23		

1	2	3	CYL. Ø N _o	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	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													

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
ALFA ROMEO DIESEL													
Alfa 159 1.9 JTDM 16V Eng. 939 A2.000 1910ccm	07/06→	82	IN	4	V1595*	55206431	27,9x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
										VV437.1	55210015	+0,03	A
										VV437.2	55210017	+0,23	
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	5	V1596*	55205183	24,5x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
										VV437.1	55210015	+0,03	A
										VV437.2	55210017	+0,23	
Alfa 155 2.4TD Alfa 164 2.4TD Eng. M717 AT.24T Eng. 838 A3.000 2387ccm 91kw(124PS)	97→	82	IN	5	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	
	97→	5	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		
96→	82,6	IN	4	V707	608 08 694	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		
Alfa 155 1.9 TD Eng. 67501 1929ccm 66/68kw(90/92PS)	93→	EX	4	V708	608 08 695	33,5x8x116,5	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		
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→	83	IN	4	V1595*	55206431	27,9x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
										10→	VV437.1	55210015	+0,03
		EX	V1596*	55205183	24,5x5x114,4	45	3	VV437	55210016		5x10,04x46,7	G	
					VV437.1	55210015	+0,03	A					
					VV437.2	55210017	+0,23						

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	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	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	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	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)	92	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
Eng. 8144.61.200 78→ 10.13 AR6 2.4 D 30.32.35.40 AR8 2.4 D 2445ccm 53kw(72PS)	93	IN	V470 V470N1 V470N3	4 813 760	41x8x122 +0,5S +1,0S	60	1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
	4	IN	V965	4 741 915	41x8x122	45	1	VV57.3 VV57.4	4 749 399	+0,18 +0,23	
		EX	V327	7 301 821 7 302 157	34,4x8x122	45	1	VV58 VV58.1 VV58.2	4 726 483 4 733 258 4 733 259	8x13,03x60 +0,03 +0,08	G A
		EX	V966	4 733 349	32,9x8x122	45	1	VV58.3 VV58.4	4 733 260	+0,18 +0,23	

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL 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	41x8x120,7	60	1	VV57	4 749 395	8x13,03x56	G
				V326N3	4 757 358	+1,0S			VV57.1	4 749 397	+0,03	F
					VV57.2				4 749 398	+0,08		
					VV57.3					+0,18		
					VV57.4				4 749 399	+0,23		
EX V966 4 733 349 32,9x8x122	45	1	VV58	4 726 483	8x13,03x60	G						
			VV58.1	4 733 258	+0,03	A						
			VV58.2	4 733 259	+0,08							
			VV58.3		+0,18							
			VV58.4	4 733 260	+0,23							
10.13.14 AR6 2.4D 32.35.40 AR8 2.4D Eng. 8144.61.200 2429ccm 53kw(72PS)	85-86 78-89	93 4	IN	V326	7 301 820	41x8x120,7	60	1	VV57	4 749 395	8x13,03x56	G
				V326N3	4 757 358	+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		
10 AR6 2.4 D 14 AR8 2.4 D Eng. 8144.21.200 30,35,40 AR8 2.4TD Eng. 8140.21.200 2445ccm 68kw(92PS)	68-89 86-89	93 4	EX	V327	7 301 821	34,4x8x122	45	1	VV58	4 726 483	8x13,03x60	G
				V327N3	7 302 157	+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		
10,14 AR6 2.5TD Eng. 8144.67.220 2499ccm 55kw(75PS)	86-89	93	IN	V326	7 301 820	41x8x120,7	60	1	VV57	4 749 395	8x13,03x56	G
				V326N3	4 757 358	+1,0S			VV57.1	4 749 397	+0,03	F
30,35,40 AR8 2.4TD Eng. 8140.61.200 2445ccm 53kw(72PS)	78-89	93	EX	V327	7 301 821	34,4x8x122	45	1	VV58	4 726 483	8x13,03x60	G
				V327N3	7 302 157	+1,0S			VV58.1	4 733 258	+0,03	A

AUDI

50 LS/GLS 1.1 Eng. HB/HC 1093ccm 37kw(50PS)	74-78	69,5 4	IN	V692	052 109 601	31,5x8x104	45	1	VV76	056 103 419A	8x13/12,06x36,5	B
									VV76.1		+0,05	G
									VV76.2		+0,15	
									VV76.3		+0,25	
50 GL 1.3 Eng. HH 1272ccm 44kw(60PS)	74-77	75 4	EX	V648	052 109 611	28x8x104	45	1	VV76	056 103 419A	8x13/12,06x36,5	B
									VV76.1		+0,05	G
									VV76.2		+0,15	
									VV76.3		+0,25	

1	2	3	4	5	6	7	8	9	10	11	12						
												AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.
AUDI																	
50 1.1 Eng. HD/HC 1093ccm 38/40kw(52/54PS)	75-78	69,5	IN	V545	036 109 601B	34x8x104	45	3	VV76	056 103 419A	8x13/12,06x36,5	B					
	4												VV76.1	+0,05	G		
													VV76.2	+0,15			
50 1.3 Eng. HH 1272ccm 40/44kw(54/60PS)	77-83	75		V547	052 109 611A	28,2x8x104	45	3	VV76	056 103 419A	8x13/12,06x36,5	B					
	4	EX											VV76.1	+0,05	G		
80 1.3 Eng. EP 1297ccm 44kw(60PS)	81-84			V647	036 109 601	34x8x104	45	1	VV76	056 103 419A	8x13/12,06x36,5	B					
	4	IN											VV76.1	+0,05	G		
													VV76.2	+0,15			
50 LS/GLS 1.3 Eng. FY/FZ 1296ccm 40/44kw(55/60PS)	78-81	75		V648	052 109 611	28x8x104	45	1	VV76	056 103 419A	8x13/12,06x36,5	B					
	4	EX											VV76.1	+0,05	G		
													VV76.2	+0,15			
80 L/GL/C 1.3 Eng. HH/FY 1272ccm 44kw(60PS)	78-81			V1957	03F 109 601A	35,4x6x98,7	45	3									
	4	IN											V1958	03F 109 611B	30x6x98,4	45	3
														03F 109 611C			
A1 1.2 TFSI A3 1.2 TFSI Eng. CBZA/CBZB 1197ccm	11→	71		V747	049 109 601F	34x8x98,7	45	3	VV76	056 103 419A	8x13/12,06x36,5	B					
	4	IN											VV76.1	+0,05	G		
													VV76.2	+0,15			
80 C/CL/GL 1.3 80 CC 1.3 Eng. EP/FY/FZ 1296ccm 44kw(60PS)	81→	75		V748	049 109 611F	31,2x8x98,5	45	3	VV80	049 103 419	8x12,06x42,5	B					
	84→	4	IN										VV80.1	+0,05	F		
													VV80.2	+0,15			
80 CL/Formel E 1.6 100 C/CL/GL/Formel E 1.6 Eng. WV/YV 1588ccm 55/63kw(75/85PS)	81→	79,5	EX						VV80.3		+0,25						
	76-82	4															

1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
80 L 1.3 Eng. ZA 1296ccm	72-78 40kw(55PS)	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	72-75 63kw(85PS)	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	72-75 55kw(75PS)										
80 GT 1.6 100 GL/L 1.6 Eng. XX 1588ccm	73-75 77-81 63/74kw(85/100PS)	79,5 4									
80 LS/GLS/S 1.6 Eng. YP/FR 1588ccm	75-79 55/63kw(75/85PS)										
A1 1.4 TSI 16V A3 1.4 TSI 16V Eng. CPTA/CMBA/CXSB 1395ccm NEW	12→ 12→	4 4	IN EX	V2177 04E 109 601B V2178 04E 109 611J	28,5x5x110,3 25,1x5x110,1	45	3				
A2 1.4 16V Eng. AUA/BBY 1390ccm	00→ 55kw(75PS)	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	02→ 81kw(110PS)		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	02→ 85kw(116PS)										

1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
80 GTE 1.6 75→ En 80 GLE K-Jetronic 1.6 79→ Eng. YZ 1588ccm 81kw(110PS)	79,5	IN	V749	049 109 601A	38x8x105,7	45	1	VV76	056 103 419A	8x13/12,06x36,5	B
		EX	V750	049 109 611A	31,2x8x105,5	45	1	VV80	049 103 419	8x12,06x42,5	B
80 Coupe GT5S/CD5E/5S 1.9 81→ 100 C5/CL5/GL5/L5 1.9 81→ 100 Avant/Coupe GT5S 1.9 Eng. WN/WH 1921ccm 74/85kw(100/115PS)	79,5	IN	V751	035 109 601C 035 109 601F	38x8x98,7	45	3	VV80	049 103 419	8x12,06x42,5	B
		EX	V752	035 109 611F	33,2x8x98,5	45	3	VV80	049 103 419	8x12,06x42,5	B
80 Quattro 2.2 83→ 100 Avant/C5S/CL5S 2.2 81→ 100 GL5S/CD5S 2.2 100 Avant/C5E/CL5E 2.2 81→ 100 GL5E/CD5E 2.2 200 5E 2.2 Eng. WC/KK/WB 2144ccm 85/100kw(115/136PS)	79,5	IN	V751	035 109 601C 035 109 601F	38x8x98,7	45	3	VV80	049 103 419	8x12,06x42,5	B
		EX	V752	035 109 611F	33,2x8x98,5	45	3	VV80	049 103 419	8x12,06x42,5	B
80 Quattro 2.2 82→ Coupe GT5E 82→ Eng. KL/KE/HY 2144ccm 96kw(130PS)	79,5	IN	V751	035 109 601C 035 109 601F	38x8x98,7	45	3	VV80	049 103 419	8x12,06x42,5	B
		EX	V752	035 109 611F	33,2x8x98,5	45	3	VV80	049 103 419	8x12,06x42,5	B
90/90 Quattro 2.2 85-87 Coupe/Coupe Quattro 2.2 85-88 Eng. HY 2144ccm 100kw(136PS)	79,5	IN	V754	035 109 601H	38x8x91	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
		EX	V702	026 109 611A 048 109 611A	33,2x8x91	45	3	VV80	049 103 419	8x12,06x42,5	B

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
AUDI												
80/CC/CD/Quattro 1.6 85→ Eng. SA/DT 1595ccm 55kw(75PS) 80/CC/CD/Quattro 1.8 85→ 100 CC/CD/ Avant 1.8 85→ 100/Quattro/ Avant 1.8 85→ Coupe GT/Quattro 1.8 86→ 100 CC/Avant 1.8 85→ 5000 1.8 USA Models Eng. PH/NP 1781ccm 55/66kw(75/90PS) 90 2.0 85→ 100 CC/CD Avant 2.0 85→ Coupe GT 2.0 85→ 5000 2.0 85→ USA Models Eng. PS 1994ccm 85kw(115PS)	81	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	
	81	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	
	81	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	
	81	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	
	A3 1.6i 00→ Eng. AVU A3 1.6i 03→ Eng. BGV A4 1.6i 00→ Eng ALZ/ALE 1595ccm 75kw(102PS)	81	IN	V1379	06B 109 601D 06B 109 601B	39,4x6x93,8	45	3	VV393 VV393.1		6x12,07x36,4 +0,05	B F
		81	EX	V1380	06B 109 611C 06B 109 611B	32,9x6x93,8	45	3	VV393 VV393.1		6x12,07x36,4 +0,05	B F

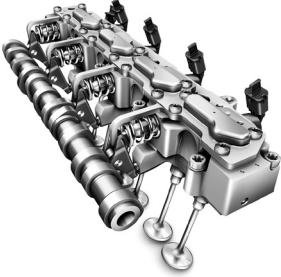
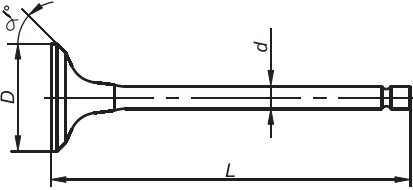
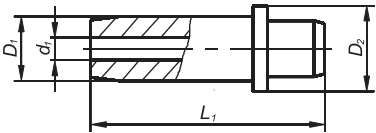
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
100 1.8 80 CL/GL/Formel E 1.8 80 Quattro 1.8 80 CC/CD/Coupe 1.8 Eng. DR/JV 1781ccm 55/66kw(75/90PS)	82→ 81→ 84→ 82→	81 4	IN	V751 035 109 601C 035 109 601F	38x8x98,7	45	3	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
Eng. KP 1994ccm 85kw(115PS)	84→ 85-86	81 5	EX	V752 035 109 611F	33,2x8x98,5	45	3	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
200 2.1 Eng. WC 2144ccm	83→	81 5									
80 CC/CD 1.6 Eng. JU/DT 1595ccm 55kw(75PS)	84→	81 4									
100, 100 Avant 1.8 5000 1.8 USA Models 1781ccm 82kw(112PS)	86→ 86→										
80 1.6 100 1.6 Eng. ABB/ADA 1595ccm 75kw(102PS)	90→ 92→	81 4	IN	V899 048 109 601A	39,5x8x91,9	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
80 1.8 Eng. SD 1847ccm 83kw(113PS)	86-88	82,5 4	EX	V702B 053 109 611	33,2x8x91	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
100 2.0 E/Avant, Coupe A6/A6 Quattro 2.0 Eng. AAE/ABK 1984ccm 74/85kw(100/115PS)	90-94 90→										

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
AUDI												
90 2.0	90→	82,5	IN	V899	048 109 601A	39,5x8x91,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
100 2.0 E/Avant,Coupe	91-94	4							VV76.1		+0,05	G
80/80 Quattro 2.0	83-91								VV76.2		+0,15	
Eng. AAD									VV76.3		+0,25	
1984ccm	85kw(115PS)		EX	V702B	053 109 611	33,2x8x91	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
A6 2.0	94→								VV76.1		+0,05	G
80 2.0 E/Quattro,Coupe, Avant	91-94								VV76.2		+0,15	
100/100 Avant 2.0	93→								VV76.3		+0,25	
Eng. ABK, ABT												
1984ccm	66/85kw(90/115PS)											
80/80 Avant 2.0	94-96	82,5										
100/A6,Avant,Coupe 2.0	94→	4										
100/A6,Cabriolet 2.0	94→											
Eng. AAE, ADW, ABK												
1984ccm	74/79/85kw(100/107/115PS)											
A100/100 Avant Quattro 2.3	85-90	82,5										
500/500 Quattro 2.3E	87→	5										
Coupe/Coupe Quattro 2.3	86-94											
Eng. NF												
2309ccm	100kw(136PS)											
80/A 4 2.6 E V6/Coupe,Cabrio	94→	82,5										
A6 Avant 2.6E	94→	V-6										
Eng. ABC												
2598ccm	128kw(174PS)											
100 2.8 E/Avant,Quattro	90-93											
A6 Avant 2.8E	94→											
Eng. AAH												
80/A 4 2.8 E V6/Coupe,Cabrio	94→											
Eng. AAH												
2770ccm	128kw(174PS)											
80 A4 2.6 V6	93-97											
100/A6 Avant 2.6E V6	94→											
Eng. ABC, ACZ												
2598ccm	102/110kw(138/150PS)											

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
AUDI												
A8/A8 Quattro 2.8 94→ 100/A6 Avant 2.8E V6 94→ Eng. AAH, AFC 2771ccm 120/128kw(163/174PS)	82,5	IN	V899	048 109 601A	39,5x8x91,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B	
								VV76.1				G
			EX	V702B	053 109 611	33,2x8x91	45	3	VV76	056 103 419A	8x13/12,06x36,5	
									VV76.1			G
100 1.8 80→ 80 Coupe/GL 1.8 81→ Eng. DD 1781ccm 55kw(75PS)	81	IN	V751	035 109 601C	38x8x98,7	45	3	VV76	056 103 419A	8x13/12,06x36,5	B	
								VV76.1				G
			EX	V748	049 109 611F	31,2x8x98,5	45	3	VV80	049 103 419	8x12,06x42,5	
									VV80.1			F
80 GTE 1.8 83→ 80 GTE Quattro 1.8 84→ Eng. DX 1781ccm 82kw(112PS)	81	IN	V753	026 109 601	40x8x98,7	45	3	VV76	056 103 419A	8x13/12,06x36,5	B	
								VV76.1				G
			EX	V752	035 109 611F	33,2x8x98,5	45	3	VV80	049 103 419	8x12,06x42,5	
									VV80.1			F
									VV80.2			
									VV80.3			

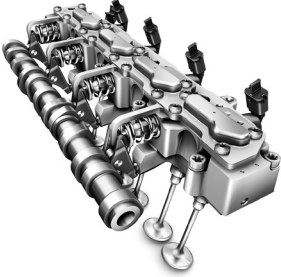
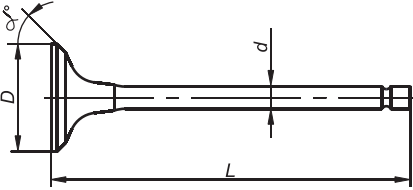
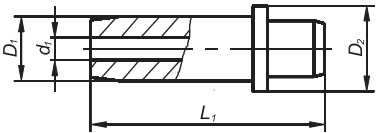
1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
AUDI												
80 GTE/Quattro 1.8 100, 100 Avant/Quattro 1.8 Coupe GT/Quattro 1.8 5000 USA Models Eng. PV/DX 1781ccm 82kw(112PS)	85→	81	IN	V701 026 109 601 C	40x8x91	45	3	VV76 056 103 419A	8x13/12,06x36,5	B		
	86→	4									VV76.1 +0,05 VV76.2 +0,15 VV76.3 +0,25	G
	86→										VV80 049 103 419 VV80.1 +0,05 VV80.2 +0,15 VV80.3 +0,25	B F
100 E 2.0 Eng. RT 1994ccm 85kw(115PS)	88-90	81 5	EX	V702 026 109 611 A 048 109 611 A	33,2x8x91	45	3	VV76 056 103 419A	8x13/12,06x36,5	B		
			VV76.1 +0,05 VV76.2 +0,15 VV76.3 +0,25								G	
			VV80 049 103 419 VV80.1 +0,05 VV80.2 +0,15 VV80.3 +0,25								B F	
80/80 Quattro 1.9 E Eng. SD 1857ccm 83kw(113PS)	86→	82,5 4										
80, 80 Quattro 1.8 90, 90 Quattro 1.8 1781ccm 82/92kw(112/125PS) Coupe 1.8 1781ccm 79/82kw(107/112PS) 80 2.0 90,90 Quattro 2.0 100,100 Avant 2.0 Eng. RT 1994ccm 85/92kw(115/125PS)	86→	81	IN	V701 026 109 601 C	40x8x91	45	3	VV76 056 103 419A	8x13/12,06x36,5	B		
	86→	4									VV76.1 +0,05 VV76.2 +0,15 VV76.3 +0,25	G
	87→	81 5									VV80 049 103 419 VV80.1 +0,05 VV80.2 +0,15 VV80.3 +0,25	B F
100, 100 Avant Quattro 2.2 5000 2.2 USA Models 2226ccm 100kw(136PS)	84→		EX	V702B 053 109 611	33,2x8x91	45	3	VV76 056 103 419A	8x13/12,06x36,5	B		
	84→										VV76.1 +0,05 VV76.2 +0,15 VV76.3 +0,25	G
											VV80 049 103 419 VV80.1 +0,05 VV80.2 +0,15 VV80.3 +0,25	B F
80 1,9 E/1,9 E Quattro Eng. SD 1847ccm 83kw(113PS)	86→	82,5 4										
90 2.3 E/2.3 E Quattro 100, 100 Avant/Quattro 2.3 Coupe GT 2.3 4000 2.3 Eng. NG 2309ccm 100kw(136PS)	87→	82,5										
	86→	5										
	87→											

1	2	3	4	5	6	7	8	9	10	11	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE						
AUDI																										
80 S 1.6 87→ Eng. ABM/PP/RN 1595ccm 51/55kw(70/75PS)	81	IN	V796	035 109 601J 035 109 601K	38x8x91,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B															
												4	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		
																							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																									
80, 80 Quattro 1.8 86→ 90, 90 Quattro 1.8 86→ 100, 100 Avant/Quattro 1.8 88→ Coupe 1.8 86→ 4000 1.8 83-85 Eng. RU/NE/DS/JN 1781ccm 55/66kw(75/90PS)	81	IN	V796	035 109 601J 035 109 601K	38x8x91,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B															
80/80 Quattro 2.0 83→ 90/90 Quattro 2.0 83→ 100 Coupe 2.0 86→ Coupe 2.0 83→ Eng. HP/JS/SL 1994ccm 83/85kw(113/116PS)	81	IN	V796	035 109 601J 035 109 601K	38x8x91,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B															
80, 80 Quattro 2.2 87→ 90, 90 Quattro 2.2 87→ 100, 100 Avant/Quattro 2.2 88→ Eng. KU/KV/HX 2226ccm 100kw(136PS)	81	IN	V796	035 109 601J 035 109 601K	38x8x91,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B															
200 2.2.T 86-90 Eng. MC Turbo 2226ccm 121kw(165PS)	81	IN	V796	035 109 601J 035 109 601K	38x8x91,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B															
Coupe 1.8 87→ 1781ccm 64/68kw(87/92PS)	81	IN	V754	035 109 601H	38x8x91	45	3	VV76	056 103 419A	8x13/12,06x36,5	B															
Coupe 2.0 87→ 1994ccm 81kw(110PS)	81	IN	V754	035 109 601H	38x8x91	45	3	VV76	056 103 419A	8x13/12,06x36,5	B															
90, 90 Quattro 2.2 85→ 100 CC/CS/CD Avant 2.2 85→ 100 CS/Avant/Quattro 2.2 85→ Coupe GT/Quattro 2.2 85→ 2226ccm 101kw(138PS)	81	IN	V754	035 109 601H	38x8x91	45	3	VV76	056 103 419A	8x13/12,06x36,5	B															
	81	EX	V702B	053 109 611	33,2x8x91	45	3	VV80	049 103 419	8x12,06x42,5	B															
								VV80.1	+0,05	F																
								VV80.2	+0,15																	
								VV80.3	+0,25																	

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

AUDI

80, 90 Quattro 2.0 20V 88→ 90, 90 Quattro 2.0 20V 89→ Eng. NM 1994ccm 118kw(160PS)	81	IN	V779	027 109 601C	32x7x95,5	45	1	VV149	027 103 419	7x13/12,07x38	B
	5							VV149.1	027 103 423	+0,05	G
		EX	V780	027 109 611B 027 109 611C	28x7x98,2	45	1	VV149	027 103 419	7x13/12,07x38	B
								VV149.1	027 103 423	+0,05	G
A6/A6 Quattro Turbo 2.2 20V 96→ S4/Avant Turbo 2.2 20V 91→ S6/S6 Quattro Turbo 2.2 20V 94→ 100/100 Avant Turbo 2.2 20V 91→ Eng. AAN 2226ccm 169kw(230PS)											
200/200 Quattro Turbo 2.2 20V 89→ S2 2.2 20V Turbo 90→ Coupe Quattro Turbo 2.2 20V 90→ Eng. 3B Turbo 2226ccm 162kw(220PS)											
A3 1.6L 96-98 Eng. AEH, AKL	81	IN	V869	078 109 601B	39,5x7x91,9	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
	4							VV151N		+0,05	G
								VV151.1		+0,15	
A4 II/Avant 1.6L 94-97 Eng. ADP, AHL		EX	V870	048 109 611B 078 109 611C	32,9x7x91,2	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
								VV151N		+0,05	G
								VV151.1		+0,15	
A4 2.6E V6 Coupe , Cabrio 94→ Eng. ABC 2598ccm 110kw(150PS)	82,5										
	V-6										
A4 2.8V6 Coupe/Quattro,Cabriolet 94→ Eng. AAH 2770ccm 128kw(174PS)											
A6/A6 Avant 2.6E V6 94→ A6 Avant Quattro 2.6E V6 94→ A6 Coupe , Cabriolet 2.6E V6 94→ Eng. ABC, ACZ 2598ccm 102/110kw(138/150PS)											

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

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
AUDI													
A4,A6 3.0 V6 30V	00→	82,5	IN	V839*	058 109 601C	26,9x6x105,1	45	3	VV181	058 103 415	6x11,07x36	B	
A8 3.0 V6 30V	03→	6		* Retainer	s.e. 5 mm				VV181.1		+0,05	F	
Eng. ASN, BBJ													
2771ccm	162kw(220PS)		EX	V840*	058 109 611M	29,9x6x103,9	45	3	VV181	058 103 415	6x11,07x36	B	
				* Retainer	s.e. 3,4 mm				VV181.1		+0,05	F	
A3 1.8i 20V Turbo	96-03	81	IN	V839*	058 109 601C	26,9x6x105,1	45	3	VV181	058 103 415	6x11,07x36	B	
A3 Quattro 1.8i 20V Turbo	96-03	4		* Retainer	s.e. 5 mm				VV181.1		+0,05	F	
Eng. AGU, AQA, AJQ, ARZ, AUQ, AUM, ARX													
A4,A6 1.8i 20V Turbo	95-05		EX	V1634*	058 109 611E	29,9x6x103,9	45	3	VV181	058 103 415	6x11,07x36	B	
S4 Avant 1.8i 20V Turbo	99→			* Retainer	s.e. 5 mm				VV181.1		+0,05	F	
A4,A6 Quattro 1.8i 20V Turbo	95-00												
Eng. AEB, AJL, APU, ANB, AWT													
TT 1.8i 20V Turbo	98→												
TT Quattro 1.8i 20V Turbo	98→												
TT Roadster 1.8i 20V Turbo	99→												
Eng. AJQ, AUQ, AUM, ARY													
1781ccm	110/132kw(150/180PS)												
S3 1.8i 20V Turbo	98-00												
Eng. APY, BAM													
1781ccm	154/165kw(209/225PS)												
A4,S4 2.7i 30V Turbo	97-01												
Eng. AGB													
2671ccm	195kw(265PS)												
A6 2.4	04-08	81	IN	V2157	06E 109 601H	32,3x6x104	45	3	VV181	058 103 415	6x11,07x36	B	
A6 Avant 2.4		V6	IN	V2027	06D 109 601M	33,8x6x104	45	3	VV181.1		+0,05	F	
Eng. BDW													
2393ccm	130kw(177PS)		EX	V1606	06D 109 611H	28x6x101,9	45	3	VV181	058 103 415	6x11,07x36	B	
			EX	V2158		28x6x101,9	45	3	VV181.1		+0,05	F	
100 Quattro 3.6 V8 32V	89→	81	IN	V779	027 109 601C	32x7x95,5	45	1	VV149	027 103 419	7x13/12,07x38	B	
Eng. PT		V-8							VV149.1	027 103 423	+0,05	G	
3562ccm	184kw(250PS)		EX	V780	027 109 611B	28x7x98,2	45	1	VV149	027 103 419	7x13/12,07x38	B	
80 Quattro/Coupe 2.0 16V	91→	82,5			027 109 611C				VV149.1	027 103 423	+0,05	G	
Eng. 6A KE-Motronic		4											
1984ccm	101kw(137PS)												
90 Coupe Quattro 2.3 20V	88→	82,5											
90,90 Quattro 2.3 20V	89→	5											
Eng. 7A													
2308ccm	125kw(170PS)												

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
AUDI												
100 Quattro 4.2 V8 32V S4 4.2 V8 32V Eng. ABH 4172ccm	89→	84,5	IN	V779 V780	027 109 601C 027 109 611B 027 109 611C	32x7x95,5 28x7x98,2	45 45	1 1	VV149 VV149.1	027 103 419 027 103 423	7x13/12,07x38 +0,05	B G
	92→ 206kw(280PS)								V8	EX	027 103 419 027 103 423	7x13/12,07x38 +0,05
100 2.3 E/Avant,Coupe A6/A6 Quattro 2.3 Eng. AAR 2308ccm	90→	82,5	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
	94→ 98kw(133PS)								5	EX	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25
80/80 Quattro 2.3E 90/90 Quattro 2.3E Coupe/Cabrio 2.3 Eng. NG 2309ccm	91→	82,5	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
	90→ 90→											
A3 2.0 FSI 16V Eng. BMB/AXW A4 2.0 FSI 16V Eng. AWA	04-05	82,5	IN	V1605	06D 109 601K 06E 109 601E 06E 109 601F	33,8x6x104	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
	02-04									EX	06D 109 611K 06D 109 611L 06D 109 611H	28x6x101,9
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	05→	82,5	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
	04-05 05-07											
A6 3.0i Kompressor 24V A6 Allroad 3.0i 24V Eng. CAJA 2976ccm	08→	82,5	IN	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
	05-08											
A6 3.0i Kompressor 24V Eng. CCAA 2976ccm	08→	82,5	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
	213kw(290PS)											
A6 3.0i Kompressor 24V Eng. CCAA 2976ccm	08→	82,5	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
	220kw(299PS)											

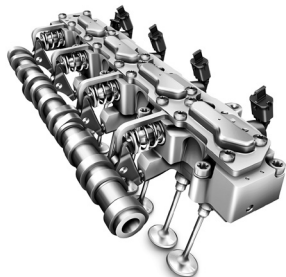
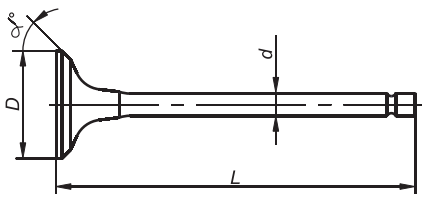
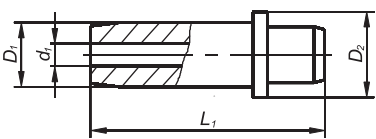
1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
A3 2.0 FSI 16V Eng. AXX 1984ccm	04-05 147kw(200PS)	82,5 4	IN	V2027 06D 109 601M 079 109 601B	33,8x6x104	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
S3 2.0i Turbo 16V 1984ccm	06-08 195kw(265PS)		EX	V1606 06D 109 611H	28x6x101,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
A4 2.0 TFSI 16V Eng. BPJ 1984ccm	05→ 125kw(170PS)										
A4 2.0 TFSI 16V Eng. BYK 1984ccm	06-08 125kw(170PS)										
A3 1.8 TFSI Eng. BYT 1798ccm	07→ 118kw(160PS)										
A4 2.0 TFSI 16V A5 2.0 TFSI 16V Eng. CAEA/CFKA 1984ccm	09→ 132kw(179PS)										
A4 2.0 TFSI 16V A5 2.0 TFSI 16V Eng. CAEB/CDNB/CDNC 1984ccm	08→ 132/155kw(179/211PS)										

1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
A6 2.0 TFSI 16V Eng. CDNB 1984ccm	05→ 132kw(179PS)	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	08→ 195kw(260PS)		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 Eng. BWA	05-08										
TT 2.0 TFSI 16V Eng. BWA	06-10										
A3 2.0 TFSI 16V Eng. BPY 1984ccm	05-07 07-09 147kw(200PS)										
A3 1.8 TFSI 16V Eng. BZB 1781ccm	08-09 118kw(160PS)										
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	09-10 147kw(200PS)										
A3 1.8 TFSI 16V Eng. CDAA 1798ccm	08→ 118kw(160PS)										
S3 2.0 TFSI 16V Eng. CDLC 1984ccm	08→ 188kw(256PS)										

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
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

1	2	3	4	5	6	7	8	9	10	11	12
AUDI											
A8 4.2 V8 32V 94→ Eng. ABZ 4112ccm 221kw(300PS)	84,5	IN	V889	051 109 601B	32x7x95,5	45	3	VV160	051 103 419	7x12,07x35	B
		IN	V1973		32,7x7x95,2	45	3	VV160.1		+0,15	F
		EX	V890	051 109 611B	27x7x98	45	3	VV160 VV160.1	051 103 419	7x12,07x35 +0,15	B F
A8 3.7 32V Quattro 97→ Eng. AEW, AKJ 3697ccm 169kw(230PS)	84,5	IN	V1593	077 109 601K	32,7x6x94,6	45	3				
		EX	V1594	077 109 611D	27x6x97	45	3				
A6 Avant/Quattro 3.7 40V 97-05 Eng. AQG 3697ccm 191kw(260PS)	84,5	IN	V1137	077 109 601Q	26,9x6x96,5	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
		EX	V1138	077 109 611K	29,9x6x95	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
A6 Avant/Quattro 4.2 40V 97-05 Eng. ARS, ASG, AWN 4172ccm 220kw(299PS)											
A8 Quattro 4.2 94-03 Eng. AQF, AUW, AUX 4172ccm 228kw(310PS)											
A4 3.2 FSI 24V 05-09 A6 3.2 FSI 24V 04-08 A6 Allroad 3.2 FSI 24V Eng. AUK	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
		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 07→ A6 3.2 FSI 24V 09→ Eng. CALA 3197ccm 195kw(265PS)	84,5										
S4 3.0 09→ Eng. CAKA 2995ccm 245kw(333PS)											

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
AUDI													
Q7 3.0 TDi 24V Eng. BHK 3597ccm 06→ 206kw(280PS)	89	IN	6	V1685	022 109 601G	33,2x6x102,4	45	3	VV512		6x10,04x44	B	
				VV512N		+0,05	F						
				V1687	022 109 601H	33,2x6x136,3	45	3	VV513		6x10,04x65	B	
				VV513N		+0,05	F						
				V1686	022 109 611N 03H 109 611D	30,2x6x102,3	45	3	VV512		6x10,04x44	B	
VV512N		+0,05	F										
V1688	022 109 611M 022 109 611P 022 109 611E	30,2x6x136,1	45	3	VV513		6x10,04x65	B					
VV513N		+0,05	F										
AUDI DIESEL													
80 D/LD/GLD 1.6 Eng. CR 1588ccm 80-81 40kw(54PS)	76,5	IN	4	V713	068 109 601	34x8x104,8	45	1	VV76	056 103 419A	8x13/12,06x36,5	B	
				V713N1		+0,5S	G						
A2 1.2TDI Eng. ANY 1191ccm 01-05 45kw(61PS)	76,5	IN	3	V1689	045 109 601	36x7x89,6	45	3	VV151	037 103 419B	8x13/12,07x36,5	B	
				VV151N		+0,05	G						
80 C/CL/GL 1.6 4000 1.6 Eng. CR/JK 1588ccm 81→ 40kw(54PS)	76,5	IN	4	V541	068 109 601C	34x8x104,8	45	3	VV76	056 103 419A	8x13/12,06x36,5	B	
				VV76.1		+0,05	G						
80 C/CL/GL 1.6 4000 1.6 Eng. CR/JK 1588ccm 81→ 40kw(54PS)	76,5	IN	4	V541N1		+0,5S			VV76.2		+0,15		
				V541N3		+0,8S			VV76.3		+0,25		
80 C/CL/GL 1.6 4000 1.6 Eng. CR/JK 1588ccm 81→ 40kw(54PS)	76,5	IN	4	V541N4		+1,5S							
				V541N5		+1,0S							
80 C/CL/GL 1.6 4000 1.6 Eng. CR/JK 1588ccm 81→ 40kw(54PS)	76,5	EX	4	V542	068 109 611C	31,2x8x104,6	45	3	VV76	056 103 419A	8x13/12,06x36,5	B	
				VV76.1		+0,05	G						
80 C/CL/GL 1.6 4000 1.6 Eng. CR/JK 1588ccm 81→ 40kw(54PS)	76,5	EX	4	V542N		+0,3S			VV76.2		+0,15		
				V542N1		+0,5S			VV76.3		+0,25		
80 C/CL/GL 1.6 4000 1.6 Eng. CR/JK 1588ccm 81→ 40kw(54PS)	76,5	EX	4	V542N3		+0,8S							
				V542N4		+1,5S							
80 C/CL/GL 1.6 4000 1.6 Eng. CR/JK 1588ccm 81→ 40kw(54PS)	76,5	EX	4	V542N5		+1,0S							
				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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

AUDI DIESEL

80 CC/CD / Quattro 1.6 90 CC/CD 1.6 Eng. JK 1588ccm 40kw(54PS)	85→	76,5	IN	V543	068 109 601L	34x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
		4		V543N		+0,3S			VV76.1		+0,05	G
				V543N1		+0,5S			VV76.2		+0,15	
				V543N3		+0,8S			VV76.3		+0,25	
				V543N4		+1,5S						
80 CL/CD-Turbo 1.6 90/CL/CD Turbo 1.6 4000 Turbo 1.6 Eng. CY Turbo 1588ccm 52kw(70PS)	85→	76,5	IN	V541A	068 109 601D	34x8x104,8	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
		4		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						
80 CC/CD-Turbo 1.6 80 CC/CD-Turbo 1.6 Eng. CY Turbo 1588ccm 52kw(70PS)	85→	76,5	IN	V543A	068 109 601M	34x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
		4			068 109 601N				VV76.1		+0,05	G
				V543N		+0,3S			VV76.2		+0,15	
				V543N1		+0,5S			VV76.3		+0,25	
				V543N3		+0,8S						
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)	87→			V543N4		+1,5S						
	87→			V543N5		+1,0S						
	87→											
	88→	76,5	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						

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
AUDI DIESEL													
100 L5D/GL5D/CD5D 2.0 100 Avant 2.0 Eng. CN 1986ccm 52kw(70PS)	78-81	76,5	5	IN	V800	069 109 601	36x8x104,8	45	1	VV76	056 103 419A	8x13/12,06x36,5	B
										VV76.1			
										VV76.2		+0,15	
										VV76.3		+0,25	
				EX	V714	068 109 611	31x8x104,6 +0,5S	45	1	VV76	056 103 419A	8x13/12,06x36,5	B
					V714N1					VV76.1			
										VV76.2		+0,15	
										VV76.3		+0,25	
100 C/CL/GL/CD/ Avant 2.0 D 100 CC/CD/CS/ Avant 2.0 D Eng. CN 1986ccm 52kw(70PS)	81→	76,5	5	IN	V756	069 109 601C 069 109 601D	36x8x104,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
										82-84			
							+0,5S			VV76.2		+0,15	
							+1,0S			VV76.3		+0,25	
100/Avant Turbo 2.0 TD Eng. DE Turbo 1986ccm 64kw(87PS)	83-85	76,5	5	IN	V756	069 109 601C 069 109 601D	36x8x104,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
							+0,5S			VV76.2		+0,15	
							+1,0S			VV76.3		+0,25	
				EX	V542	068 109 611C 068 109 611D	31,2x8x104,6	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
					V542N					+0,3S			
					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			
										VV80.2		+0,15	
										VV80.3		+0,25	
100 CC 2.0 100 Avant 2.0 Eng. CN 1986ccm 52kw(70PS)	85→	76,5	5	IN	V697	069 109 601F	36x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
										86→			
							+0,5S			VV76.2		+0,15	
							+0,8S			VV76.3		+0,25	
				EX	V544	068 109 611L	31,2x8x95	45	3	VV80	049 103 419	8x12,06x42,5	B
					V544N					+0,3S			
					V544N1	+0,5S				VV80.2		+0,15	
					V544N3	+0,8S				VV80.3		+0,25	
					V544N4	+1,5S							
					V544N5	+1,0S							

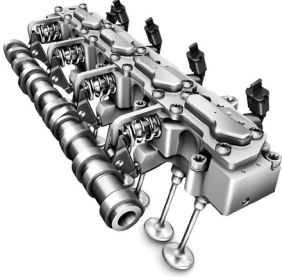
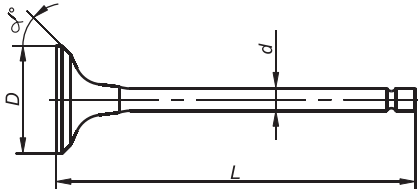
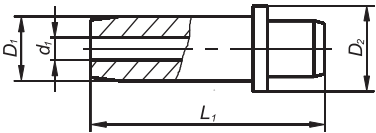
1	2	3	CYL. Ø No	IN EX	AV REF.	ORIGINAL PART No	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART No	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE		
														4	5
AUDI DIESEL															
100 CC/CD-Turbo 2.0 100 Avant-Turbo 2.0 100/100 Avant-Turbo 2.0 Eng. NC 1986ccm 64/75kw(87/102PS)	85→	76,5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

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
AUDI DIESEL													
A4 2.5 TDI 24V Eng. BCZ 2496ccm 120kw(163PS)	03-05	78,3	6	IN	V1277*	059 109 601F * Retainer s.e. 8,5 mm	27,1x6x100,6	45	3	VV272 VV272N VV272.1 VV392 VV392.1		6x10,07x42 +0,05 +0,15 6x10,07x36 +0,05	B F B F
A4 2.5 TDI 24V A6 2.5 TDI 24V A6 Allroad 2.5 TDI 24V Eng. BAU 2496ccm 132kw(179PS)	03-04 03-05 03-05			EX	V1278*	059 109 611G * Retainer s.e. 8,5 mm	24,1x6x100,6	45	3	VV272 VV272.1 VV392 VV392.1		6x10,07x42 +0,15 6x10,07x36 +0,05	B F B F
A4 2.5 TDI 24V A6 2.5 TDI 24V Eng. BDH 2496ccm 132kw(179PS)	03-04 03-05									VV392 VV392.1		6x10,07x36 +0,05	B F
A4 2.5 TDI 24V A6 2.5 TDI 24V Eng. BDG 2496ccm 120kw(163PS)	03-06 03-05												
Audi A8 Quattro 3.3TDI 32V Eng. AKF Turbo 3328ccm 165kw(224PS)	00→	78,3	V8	IN	V1275*	057 109 601 * Retainer s.e. 2,4 mm	27,1x6x99	45	3	VV272 VV272N VV272.1 VV215		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F G B G
				EX	V1276*	057 109 611 * Retainer s.e. 2,4 mm	24,1x6x99,1	45	3	VV272 VV272N VV272.1 VV216		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G
A8 4.2 Quattro 40V Eng. AQF, AUW, AUX, ASE 4172ccm 228kw(310PS)	94-02	84,5	V8	IN	V1579*	057 109 601B * Retainer s.e. 8,3 mm	27,1x6x99	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
				EX	V1580*	057 109 611E * Retainer s.e. 8,3 mm	24,1x6x99	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
A1 1.6 TDI Eng. CAYB/CAYC	10→	79,5	4	IN	V2029	03L 109 601A	26,6x6x99,3	45	3				
A3 1.6 TDI Eng. CAYA/CAYB 1598ccm	09→			EX	V2030	03L 109 611A	24,5x6x99,1	45	3				

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
AUDI DIESEL												
A4/A4 Quattro 1.9 TDI A6 1.9 TDI Eng. AWX/AVF/AJM/ATJ/AVB/AWZ Turbo 1896ccm 74/85/96kw(101/116/130PS)	01→	79,5	IN	V919	038 109 601B	36x7x90	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
	01→	4		V919N1		+0,5S			VV151N		+0,05	G
				EX	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	
			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	
A2 1.4 TDI Eng. AMF, AXR 1422ccm 55kw(75PS)	03→	79,5	IN	V1663	038 109 601E	36x7x89,5	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
		4		V1663N1		+0,5S			VV151N		+0,05	G
A3 1.9 TDI Eng. BKC 1896ccm 77kw(105PS)	03→		EX	V1664	038 109 611E	31,5x7x89	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
				V1664N1		+0,5S			VV151N		+0,05	G
80 1.9D Eng. 1Y 1896ccm 47kw(64PS)	89→	79,5	IN	V697	069 109 601F	36x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
		4		V697N1		+0,5S			VV76.1		+0,05	G
100 2.4 D Eng. 3D 2370ccm 60kw(82PS)	89→	79,5	EX	V698	074 109 611	31,2x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
		5		V698N1		+0,5S			VV76.1		+0,05	G
100/Avant 2.4 D Eng. AAS 2370ccm 60kw(82PS)	93→			V698N3		+0,8S			VV76.2		+0,15	
									VV76.3		+0,25	
80 Turbo Diesel 1.9 Eng. AAZ Turbo 1896ccm 55kw(75PS)	91→	79,5	IN	V697A	069 109 601H	36x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
		4		V697N1	069 109 601G	+0,5S			VV76.1		+0,05	G
				V697N3		+0,8S			VV76.2		+0,15	
			EX	V698	074 109 611	31,2x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
				V698N1		+0,5S			VV76.1		+0,05	G
				V698N3		+0,8S			VV76.2		+0,15	
									VV76.3		+0,25	

1	2	3	4	5	6	7	8	9	10	11	12
AUDI DIESEL											
80 1.9D 98→ Eng. 1Y 1896ccm 47kw(64PS)	79,5 4	IN	V805	028 109 601B	36x7x95,5 +0,5S	45	3	VV151	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
		EX	V806 V806N1	028 109 611E	31,1x7x95,6 +0,5S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
A4 II/A4 Avant 1.9 TDI 96-97 Quattro/ Avant, Quattro/Cabrio Eng. AHU/AFN/AVG Turbo 1896ccm 55/66/81kw(75/90/110PS)	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
		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)	79,5										
A6 1.9 TDI 97→ Eng. AFN/AHU Turbo 1896ccm 66/81kw(90/110PS)	79,5										
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)	79,5										

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
AUDI DIESEL												
80 1.9 TDi A3 1.9 TDi A4/A4 Avant 1.9 TDi A6/A6 Cabrio 1.9 TDi Eng. 1Z Turbo 1896ccm	91→	79,5	IN	V821	028 109 601H	36x8x96,8	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
	94-97	4		V821N1		+0,5S			VV76.1		+0,05	G
Eng. 1Z Turbo 1896ccm	94-97								VV76.2		+0,15	
	95→								VV76.3		+0,25	
66kw(90PS)			EX	V822	046 109 611F 046 109 611C	31,5x8x96,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
				V822N1		+0,5S			VV76.1		+0,05	G
									VV76.2		+0,15	
									VV76.3		+0,25	
100 Avant 2.4D Eng. AAS 2370ccm	91→	79,5	IN	V823	046 109 601G 046 109 601J	36x8x96,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
		5							VV76.1		+0,05	G
100 Avant 2.5TD Eng. 1T Turbo 2460ccm	90→	81	EX	V822	046 109 611F 046 109 611C	31,5x8x96,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
		5		V822N1		+0,5S			VV76.1		+0,05	G
100 Avant 2.5TD Eng. AAT/ABP Turbo 2460ccm	91→		EX	V698	074 109 611	31,2x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
				V698N1		+0,5S			VV76.1		+0,05	G
				V698N3		+0,8S			VV76.2		+0,15	
									VV76.3		+0,25	
100 Avant 2.5 TDi A6/A6 Quattro 2.5 TDi A6/Avant 2.5 TDi Eng. AAT/AEL/AEM/ABP Turbo 2460ccm	91→	81	IN	V823	046 109 601G 046 109 601J	36x8x96,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
	94→	5							VV76.1		+0,05	G
85/103kw(115/140PS)	94-96								VV76.2		+0,15	
									VV76.3		+0,25	
			EX	V822	046 109 611F 046 109 611C	31,5x8x96,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
				V822N1		+0,5S			VV76.1		+0,05	G
									VV76.2		+0,15	
									VV76.3		+0,25	

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

AUDI DIESEL

A3 2.0 TDi PD 16V Eng. AZV, BKD, BMN	04→	81	IN	V1607	03G 109 601B	29,2x6x87,8	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
	A4 2.0 TDi PD 16V Eng. BRD, BNA, BRF, BRE, BLB, BVG, CAGB		06→									
A6 2.0 TDi PD 16V Eng. BLB, BRE, BNA, BRF, CAGB 1968ccm 100/103/125kw	04→	81	EX	V1608	03G 109 611D	25,4x6x87,5	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
A4 2.0 TDi 16V A4 Allroad / A5 / Q5 2.0 TDi 16V Eng. CAGA 1968ccm 105kw(143PS)	07→	81	IN	V1693	03L 109 601	28,1x6x99,3	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
			09→									
A4 2.0 TDi 16V A4 Allroad 2.0 TDi 16V A6 2.0 TDi 16V A5 2.0 TDi 16V Eng. CAG-B 1968ccm 100kw(136PS)	07→	81	EX	V1694	03L 109 611 03L 109 611S	26x6x99,1	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
	09→											
A3 2.0 TDi 16V Eng. CFG-B 1968ccm 125kw(170PS)	10→	81	EX	V1694	03L 109 611 03L 109 611S	26x6x99,1	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
A3 2.0 TDi 16V Eng. CIJA 1968ccm 88kw(120PS)	10→	81	EX	V1694	03L 109 611 03L 109 611S	26x6x99,1	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
A4 2.0 TDi 16V Eng. CAG-C 1968ccm 88kw(120PS)	08→	81	EX	V1694	03L 109 611 03L 109 611S	26x6x99,1	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
A4/A5/Q5 2.0 TDi 16V A4 Allroad 2.0 TDi 16V Eng. CAHA 1968ccm 125kw(170PS)	08→	81	EX	V1694	03L 109 611 03L 109 611S	26x6x99,1	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
	09→											

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
AUDI DIESEL												
A4/A5/Q5 2.0 TDi 16V Eng. CAHB 1968ccm 120kw(163PS)	08→	81	IN	V1693	03L 109 601	28,1x6x99,3	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
A4 Allroad/A6 2.0 TDi 16V Eng. CBAA/CBAB 1968ccm 100/103kw(136/140PS)	09→	4	EX	V1694	03L 109 611 03L 109 611S	26x6x99,1	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
A3 2.0 TDi 16V Eng. CBBB 1968ccm 125kw(170PS)	08→											
A3 2.0 TDi 16V Eng. CFFA/CFFB 1968ccm 100/103kw(136/140PS)	09→											
A5 2.0 TDi 16V Eng. CHEA 1968ccm 105kw(143PS)	10→											
A4 2.0TDi Eng. BPW 1996ccm 103kw(140PS)	08→	81 4	IN	V1691	038 109 601F	36x7x88,8	40	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			EX	V1692	038 109 611G	31,5x7x88,4	40	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
A6 Allroad 3.0 TDi 24V Eng. ASB 2967ccm 171kw(233PS)	06-09 04-10	83	IN	V1609	059 109 601G	28,6x6x99,3	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F
A8 3.0 TDi 24V Eng. BMK 2967ccm 165kw(224PS)	04-06		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

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
AUDI DIESEL												
A6 3.0 TDi 24V	04-08	83	IN	V1609	059 109 601G	28,6x6x99,3	45	3	VV392		6x10,07x36	B
A6 Allroad 3.0 TDi 24V									VV392.1		+0,05	F
A3 3.0 TDi 24V	03-10		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
Eng. BNG 2967ccm	155kw(211PS)											
A4 3.0 TDi 24V	04-09											
Eng. BKN 2967ccm	150kw(204PS)											
A4 2.7 TDi 24V	06-09											
A6 2.7 TDi 24V	04-08											
A6 Allroad	04-08											
Eng. BPP 2698ccm	132kw(179PS)											
A4/A6/A6 Allroad 2.7 TDi 24V	05-08											
Eng. BSG 2698ccm	120kw(163PS)											
Q7 6.0 TDi	07-09											
Eng. BTR 4134ccm	240kw(326PS)											
A4/A5 2.7 TDi 24V	07-08											
Eng. CAMA/CAMB 2698ccm	120/140kw(163/190PS)											
A6/A6 Allroad 2.7 TDi 24V	08→											
Eng. CANA, CANB, CANC, CAND 2689/2698ccm	120/140kw(163/190PS)											
Q7 3.0 TDi 24V	09→											
Eng. CASA, CATA 2967ccm	165/176kw(224/240PS)											
Q7 3.0 TDi	07→											
Eng. CASB 2967ccm	155kw(211PS)											
A4/A5/Q5/Q7 3.0 TDi 24V	08→											
A4 Allroad 3.0 TDi 24V												
Eng. CCMA/CCWA/CCWB 2967ccm	155/176kw(211/240PS)											

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART N ^o
AUDI DIESEL													
A4/A5 2.7 TDi 24V Eng. CEKA 2698ccm 140kw(190PS)	08→	83	IN	V1609	059 109 601G	28,6x6x99,3	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F	
			EX	V1610	059 109 611H 059 109 611K 059 109 611M	26,8x6x99,2	45	3	VV392 VV392.1		6x10,07x36 +0,05	B F	
A4/A5 3.0 TDi 24V Eng. CAPA 2967ccm 176kw(240PS)	07-08												
A4/A5 2.7 TDi 24V Eng. CGKB 2698ccm 120kw(163PS)	08→												
A4 3.0 TDi 24V Eng. CCLA 2995ccm 176kw(239PS)	09→	84,5 6	IN	V1693	03L 109 601	28,1x6x99,3	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F	
			EX	V1694	03L 109 611 03L 109 611S	26x6x99,1	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F	
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	G A	
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	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

AUSTIN – LEYLAND DIESEL

Maestro Clubman DLX 2.0D Eng. Prima 65 1994ccm 46kw(63PS)	86-92	84,4	IN	V1489	LGH10036 BDU1399	37,2x7,4x93,8	45	1	VV366	CAM5821	7,4x12,06x39	G
			EX						VV366N			
Maestro Van 500/700 ati 2.0D Eng. Prima 65 1994ccm 46kw(63PS)	86-92	4	IN	V1489	LGH10036 BDU1399	37,2x7,4x93,8	45	1	VV366	CAM5821	7,4x12,06x39	G
			EX						VV366N			
Montego DL/DSL/2.0TD Eng. Prima 80T Turbo 1994ccm 60kw(82PS)	88-92		IN	V1490	LGH10037 BDU1400	33,6x7,4x93,8	45	1	VV366	CAM5821	7,4x12,06x39	G
			EX						VV366N			
Serpa 200/230/250/255/280 Eng. Prima 65 1994ccm 46kw(63PS)			IN	V1490	LGH10037 BDU1400	33,6x7,4x93,8	45	1	VV366	CAM5821	7,4x12,06x39	G
			EX						VV366N			

AUTOBIANCHI

A112E Eng. 100GL6.000 903ccm	69-86	65	IN	V257	4 265 695	29x7x95,3	45	1	VV70	4 265 699	7x13,01x42,5	G
			EX						VV70.1			
A112 Elegant Eng. A112B1.000 903ccm	67,2	4	IN	V257	4 265 695	29x7x95,3	45	1	VV70.2	4 372 332	+0,10	F
			EX						VV70.3			
A112 Elegant – Elite Eng. A112A-A112B1 965ccm	77-85	4	IN	V257	5959564	29x7x95,3	45	1	VV70.4	4 372 333	+0,25	G
			EX						VV70			
A122 Junior – LX Eng. A112A-A112B1 965ccm	77-85	4	IN	V257	5959564	29x7x95,3	45	1	VV70.1	4 372 331	+0,05	F
			EX						VV70.2			
A122 Junior – LX Eng. A112A-A112B1 965ccm	77-85	4	IN	V257	5959564	29x7x95,3	45	1	VV70.3	4 265 700	+0,20	F
			EX						VV70.4			
A122 Junior – LX Eng. A112A-A112B1 965ccm	77-85	4	IN	V258	5959563 5973130	26x7x95,7	45	1	VV70	4 265 699	7x13,01x42,5	G
			EX						VV70.1			
A122 Junior – LX Eng. A112A-A112B1 965ccm	77-85	4	IN	V258	5959563 5973130	26x7x95,7	45	1	VV70.2	4 372 332	+0,10	F
			EX						VV70.3			
A122 Junior – LX Eng. A112A-A112B1 965ccm	77-85	4	IN	V258	5959563 5973130	26x7x95,7	45	1	VV70.4	4 372 333	+0,25	F
			EX						VV70.4			

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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
AUTOBIANCHI												
Y10 – Y10 4WD Y10 LX Eng. 156A2.000 Fire 999ccm	85→	70 4	IN	V731	7666228 5942727	30,4x7x97,1	45	1	VV70	4 265 699	7x13,01x42,5	G
									VV70.1	4 372 331	+0,05	F
									VV70.2	4 372 332	+0,10	
									VV70.3	4 265 700	+0,20	
Y10ie – Y10 4WDie Y10ie LX Eng. 160A3.000 Fire 1108ccm	89→	4	EX	V732	7666227 5942728	27,5x7x97,2	45	1	VV70	4 265 699	7x13,01x42,5	G
									VV70.1	4 372 331	+0,05	F
									VV70.2	4 372 332	+0,10	
									VV70.3	4 265 700	+0,20	
								VV70.4	4 372 333	+0,25		
AVIA												
Avia A-30 Avia	102 4	IN	V491	360-020243	45,7x10x140,7	45	1					
								EX	V492	362-020261	37x10x140,2	45
BEDFORD												
Rascal Eng. F10A Suzuki 970ccm	65,5 4	IN	V1307	12911-82000	36x7x115,5	45	1	VV418	11116-73010	7x12,06x48	G	
									VV418N		+0,05	P
Astra 1.3L Van Eng. 1.3N-S 1297ccm 44/55kw(50/63PS)	82→ 4	IN	V357	642 763	33x7x105	45	1	VV119	90 108 699	7x11,03x45,5	G	
									VV119N		+0,05	A1
Astra L Van Eng. 1.6SV 1598ccm 55kw(75PS)	83→ 4	IN	V859	642 679	38x7x101,1	46	1	VV119	90 108 699	7x11,03x45,5	G	
									VV119N		+0,05	A1
Astra 1.6L Van Eng. 1.6N-S 1598ccm 66kw(90PS)	83-86 4	IN	V817	642 635	35x8x106,1	46	1	VV144		8x12,01x43	G	
		EX	V818	642 789	32x8x106,1	46	1	VV144		8x12,01x43	G	
											A1	

1	2	3	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
BEDFORD													
CF2 Van Eng. 2.0N-S 1979ccm	84-87 74kw(100PS)	95 4	IN	V609 V609.1 V609.2	642 750	42x9x123 +0,075d +0,15d	46	1					
BEDFORD DIESEL													
Astra 1.6 Van Eng. 1.6D/DA 1598ccm	83→ 40kw(54PS)	80 4	IN	V695	642 651	36x8x123,2	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					
BÜSSING													
U10, S10 812/818 9842ccm	60-72 110kw(150PS)	118 6	IN	V483	88 04101 0213	53x11x177,8	45	15	VV16	ŠM 07 01 014		11x18,04x96	G F12
U12D, S12D 712/714 12316ccm	→79 177kw(240PS)	132 6	IN	V485	88 04101 005	60,5x12x186,5	45	15	VV28	712 901 21 00 06 0102 0118		12x20,04x88	G F1
U12DA, S12DA 12316ccm	→79 206/236kw(280/320PS)												

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
BMW												
320/6, 520/6 2.0 Eng. M20B20V 1990ccm 90kw(122PS)	77-82	80	IN	V1215	1134 1 267 721 1134 1 267 687	39,9x7x102,5	45	3	VV161	1112 1 280 523	7x13,05x45	B
									VV161.1		+0,05	F
320i, 520i 2.0 Eng. M20B20K 1990ccm 92kw(125PS)	81→								VV161.2	1112 1 267 676	+0,10	
									VV161.3	1112 1 267 677	+0,20	
320i 2.0 Eng. M20B20L 1990ccm 95kw(129PS)	83→		EX	V1216	1134 1 267 722 1134 1 267 688	33,9x7x102,5	45	3	VV161.4	1112 1 267 678	+0,30	
									VV161.5		+0,35	
320i 2.0 Eng. M20B20L 1990ccm 95kw(129PS)	83→								VV161	1112 1 280 523	7x13,05x45	B
									VV161.1		+0,05	F
323i 2.3 Eng. M20B23K 2316ccm 105kw(143PS)	77-82								VV161.2	1112 1 267 676	+0,10	
									VV161.3	1112 1 267 677	+0,20	
323i 2.3 Eng. M20B23L 2316ccm 110kw(150PS)	83→								VV161.4	1112 1 267 678	+0,30	
									VV161.5		+0,35	
323i / 523i 2.5 24V Eng. N52 B25 A	04-07	82	IN	V1699	1134 7 539 919	32,2x5x104,5	45	3	VV523		5x10,04x42	B
									VV523N		+0,05	A
325i / 325i 2.5 24V Eng. N52 B25 OL	07-09								VV524		6x10,04x48	B
									VV524N		+0,05	A
325i 2.5 24V Eng. N52 B25 UL	06-08		EX	V1700	1134 7 553 774	27x6x110,4	45	3	VV523		5x10,04x42	B
									VV523N		+0,05	A
523i / 525i 2.5 24V Eng. N52 B25 OL	07-10								VV524		6x10,04x48	B
									VV524N		+0,05	A
525i 2.5 24V Eng. N52 B25 UL	04-07								VV523		5x10,04x42	B
									VV523N		+0,05	A
X3 2.5Si 2,5 24V LCI Eng. N52 B25 UL	06-09								VV524		6x10,04x48	B
									VV524N		+0,05	A
Z4 2.5i/Si 24V Eng. N53 B25 UL	06								VV523		5x10,04x42	B
									VV523N		+0,05	A
523i 2.5 24V Eng. N53 B25 UL	05-07								VV524		6x10,04x48	B
									VV524N		+0,05	A
523i 2.5 24V LCI Eng. N53 B25 UL	07-09								VV523		5x10,04x42	B
									VV523N		+0,05	A
523i 2.5 24V Eng. N53 B25 UL	07-09								VV524		6x10,04x48	B
									VV524N		+0,05	A
2497ccm 130/140/160kw(177/190/218PS)									VV523		5x10,04x42	B
									VV523N		+0,05	A

1	2	3	4	5	6	7	8	9	10	11	12
BMW											
325e 2.7 84→ Eng. M20B27ME 2693ccm 90kw(122PS)	84	IN	V1215	1134 1 267 721 1134 1 267 687	39,9x7x102,5	45	3	VV161	1112 1 280 523	7x13,05x45	B
								VV161.1		+0,05	F
525e 2.7 83→ Eng. M20B27ME 2693ccm 92kw(125PS)		EX	V1216	1134 1 267 722 1134 1 267 688	33,9x7x102,5	45	3	VV161.2	1112 1 267 676	+0,10	
								VV161.3	1112 1 267 677	+0,20	
528e/528e USA 2.7 84→ Eng. M20B27ME 2693ccm 90kw(122PS)		EX	V1216	1134 1 267 722 1134 1 267 688	33,9x7x102,5	45	3	VV161.4	1112 1 267 678	+0,30	
								VV161.5		+0,35	
116i 1.6 16V 07→ 316i 1.6 16V 07→ Eng. N45 B16 TU2 OL 1596ccm 85kw(116PS)	84	IN	V1931	1134 7 555 760	30x6x106,7	45	3	VV518		6x10,04x39	B
								VV518N		+0,05	A
118i 2.0 16V 07→ 120i 2.0 16V 07-11 318i 2.0 16V 07-08 Eng. N46 B20 TU2 UL 120i 2.0 16V 07→ 320i 2.0 16V 07-10 Eng. N46 B20 TU2 OL 1995ccm 100/110-115kw(136/150-156PS)	84	IN	V1955	1134 7 548 280	31,4x6x106,7	45	3	VV524		6x10,04x48	B
								VV524N		+0,05	A
118i 2.0 16V NEW		IN						VV577		6x10,04x42	B
								VV577N		+0,03	A
335i 3.0 Turbo 24V 07-10 Eng. N54 B30 B 135i 3.0 24V 07→ 2979ccm 225kw(306PS)	84	IN	V1707	1134 7 553 775	31,4x5x106,6	45	3	VV577N1		+0,05	
								VV523			5x10,04x42
	6	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	VV523N		+0,05	A
								VV524			6x10,04x48
								VV524N		+0,05	A

1	2	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
BMW													
125i 2.0 16V	12→	84	IN	V2033	1134 7 583 777	32x5x105	45	3	VV523			5x10,04x42	B
320i 2.0 16V		4			1134 7 583 779				VV523N			+0,05	A
320Xi 2.0 16V													
328i-ix 2.0 16V	11→		EX	V2034	1134 7 598 273	28x6x112,8	45	3	VV524			6x10,04x48	B
520i 2.0 16V	10→								VV524N			+0,05	A
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													
135i 3.0 24V	09→	84	IN	V2033	1134 7 583 777	32x5x105	45	3	VV523			5x10,04x42	B
135i 3.0 24V	12→	6			1134 7 583 779				VV523N			+0,05	A
335i 3.0 24V	09→												
335ix 3.0 24V	10→		EX	V2034	1134 7 598 273	28x6x112,8	45	3	VV524			6x10,04x48	B
535i 3.0 24V	09→								VV524N			+0,05	A
535ix 3.0 24V	10→												
640i-ix 3.0 24V	11→												
740i 3.0 24V	11→												
X3 35iX 3.0 24V	10→												
X5/X6 35i 3.0 24V	09→												
X5/X6 35i 3.0 24V													
Eng. N55-N55B30													
2979ccm													
			IN	V2217		35x5x112,1	45	3					
NEW			EX	V2218		30x5x113,1	45	3					
318i/ti 1.8 16V	01→	84	IN	V1585	1134 1 440 304	32x6x100	45	3	VV518			6x10,04x39	B
Eng. N42B18, N46B18A		4							VV518N			+0,05	A
1796ccm	85kw(115PS)												
			EX	V1586	1134 1 707 519	29x6x100,1	45	3	VV518			6x10,04x39	B
									VV518N			+0,05	A

1	2	3	4	5	6	7	8	9	10	11	12
BMW											
118i 2.0 16V 04→ 120i 2.0 16V 03→ 318i/ti/Ci 2.0 16V 01→ 320i 2.0 16V 07→ Eng. N42B20A, N46B20B 1995ccm 105/110kw(143/150PS)	84	IN	V1585	1134 1 440 304	32x6x100	45	3	VV518		6x10,04x39	B
	4							VV518N		+0,05	A
		EX	V1586	1134 1 707 519	29x6x100,1	45	3	VV518		6x10,04x39	B
								VV518N		+0,05	A
116i, 316i 1.6 03→ Eng. N45B16A 1596ccm X5 4.4i 32V E53 03-06 545i 4.4i 32V E60 03-05 645i 4.4i 32V E64 04-05 745i 4.4i 32V E65 01-05 Eng. N62B44 4398ccm 235/245kw(320/333PS)	84	IN	V1681	1134 1 435 461 1134 7 503 737	35x6x100	45	3	VV518		6x10,04x39	B
	4							VV518N		+0,05	A
		EX	V1586	1134 7 707 519 1134 7 503 738	29x6x100,1	45	3	VV518		6x10,04x39	B
								VV518N		+0,05	A
325i 2.5 24V 00-05 325ti 2.5 24V 01→ 525i 2.5 24V 00→ X3 2,5i 2.5 24V 04→ Z4 2,5i 2.5 24V 03→ Eng. M54 B25 2494ccm 330i 3.0 24V 00→ 530i 3.0 24V 03→ 730i Li 3.0 24V 03→ X5 3.0i 24V Z3 3.0 24V Eng. M54 B30 2979ccm 130i 05→ 325i/325xi/330i 3.0 24V 07→ 525i/525xi/530i/630i 3.0 24V 07→ 730i-Li 3.0 24V 05→ X5 3.0i 24V 07→ Z4 3.0i 24V 09→ Eng. N52 B30/N52 B30A Eng. N53 B30 OL/N52 B30 UL 2996ccm 200/160kw(272/218PS)	84	IN	V1703	1134 7 593 915 1134 7 553 771	34,2x5x104,5	45	3	VV523		5x10,04x42	B
	6							VV523N		+0,05	A
		EX	V1704	1134 7 553 772	29x6x110,6	45	3	VV524		6x10,04x48	B
								VV524N		+0,05	A

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
BMW												
1502, 1600, 1602 Cabr. 1.6 315 Cabriolet 1.6 Eng. 114/116	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
1600 GT/Ti, 1602 Ti 1.6i 316 1.6 Eng. M10B16 1574ccm 66/78kw(90/106PS)	65-76 75-80		EX	V1318	1134 1 251 498	34,9x8x104,3	45	3	VV191 VV191.1 VV191.2 VV191.3 VV191.4	1112 1 263 642	8x14,04x50 +0,05 +0,10 +0,20 +0,30	B F
1800, 1802 1.8 Eng. 118/3	69-75	89 4										
316 1.8 Eng. 118/4 Eng. M10B18 V/S	75-80 80→											
318 1.8 Eng. 118/4 Eng. M10B18 V/S	75-80 80-84											
518 1.8 Eng. 118/3/4 Eng. M10B18 V/S 1766ccm 66/72kw(90/98PS)	68-80 80-84											
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 VV188.1 VV188.2 VV188.3 VV188.4	1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F
318i 1.8 Eng. M40B18ME	87-93											
318i 1.8 Eng. M40B18 Mod E30	→90		EX	V842	1134 1 727 352 1134 1 717 878	35,9x7x101,1	45	3	VV188 VV188.1 VV188.2 VV188.3 VV188.4	1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F
518i 1.8 Eng. M40B18 Mod E40 1796ccm 77/83kw(105/113PS)	90→											
318i 1.8 Eng. M40 1766ccm 77kw(105PS)	87→	89 4	EX	V1124	1134 1 713 731	34,9x7x101,1	45	3	VV188 VV188.1 VV188.2 VV188.3 VV188.4	1112 1 715 373	7x12,55x43,5 +0,05 +0,10 +0,20 +0,30	B F

1	2	3	4	5	6	7	8	9	10	11	12				
												AV REF.	ORIGINAL PART No	DIMENSIONS D x d x L	ANG. α°
BMW															
750i/ 750iL 5.0 24V Eng. M70B50 Mod E32 850i 5.0 24V Eng. M50B50 Mod E31 4988ccm 220kw(300PS)	86→	84 V-12	IN	V841	1134 1 727 358	42x7x102,1	45	3	VV188	1112 1 715 373	7x12,55x43,5	B			
					1134 1 709 941					VV188.1			+0,05	F	
													VV188.2		+0,10
													VV188.3		+0,20
				VV188.4	+0,30										
850 CSI 5.6 24V 5576ccm		EX	EX	V842	1134 1 727 352	35,9x7x101,1	45	3	VV188	1112 1 715 373	7x12,55x43,5	B			
					1134 1 717 878					VV188.1			+0,05	F	
													VV188.2		+0,10
													VV188.3		+0,20
				VV188.4	+0,30										
316i 1.6 Eng. M42B16 Mod E36 1596ccm 73kw(100PS)	91-93	84 4	IN	V1129	1134 1 722 908	32,9x7x106,7	45	3	VV188	1112 1 715 373	7x12,55x43,5	B			
					1134 1 722 892					VV188.1			+0,05	F	
													VV188.2		+0,10
													VV188.3		+0,20
				VV188.4	+0,30										
318i 1.8 Eng. M42B18 Mod E36 1796ccm 83kw(113PS)	91-93	EX	EX	V1130	1134 1 726 903	30,5x7x106,3	45	3	VV188	1112 1 715 373	7x12,55x43,5	B			
					1134 1 722 909					VV188.1			+0,05	F	
					1134 1 722 893								VV188.2		+0,10
													VV188.3		+0,20
				VV188.4	+0,30										
325i 2.5 325i 2.5 24V 325i, Coupe 2.5 24V 525i 2.5 24V Eng. M50B25 Mod E36 2494ccm 125/141kw(170/192PS)	→90	84 6	IN	V1129		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										
525iX Touring 1.8 24V Eng. M50B25 Mod E34 318i S 1.8 16V Eng. M42B18 Mod E30 1796ccm 103kw(140PS)	92→	84 4	IN	V1129		32,9x7x106,7	45	3	VV188	1112 1 715 373	7x12,55x43,5	B			
										VV188.1			+0,05	F	

1	2	3	4	5	6	7	8	9	10	11	12
BMW											
318i/318i Cabrio, Confort 1.8 16V 95→ 318iS Coupe 1.8 16V 93→ Eng. M42B18 Mod E36 1796ccm 85/103kw(115/140PS)	84	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
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)	84	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
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											
318iS 2.8i 24V Mod. E36 95→ Coupe, Cabrio, Touring 328i 2.8i 24V Mod. E46 94→ 528i 2.8i 24V Mod. E39 95→ 728i 2.8i 24V Mod. E38 96→ Z3 Roadster 2.8i 24V Mod. E36 96→ Eng. M52B28 2793ccm 142kw(193PS)											
330i/Ci/Xi 3.0i 24V 00→ 530i 3.0i 24V 00→ X5 3.0i 24V 00→ Z3 3.0i 24V 00→ Eng. M54B30 Mod. E36 2973ccm 170kw(230PS)											

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
BMW												
X3 3.0i 24V Z4 3.0i 24V Eng. 306S3 2979ccm	02→ 03→		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
318i S/Ti Compact 1.9i 16V Z3 Roadster 1.9i 16V Eng. M44B19 Mod. E36 1895ccm	96→ 96→	85 4	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
Z1 2.5 Eng. M20 Mod Z1	88-91	84 6	IN	V941	1134 1 720 827 1134 1 708 895	42x7x102,5	45	3	VV161 VV161.1 VV161.2 VV161.3 VV161.4 VV161.5	1112 1 280 523	7x13,05x45 +0,05 +0,10 +0,20 +0,30 +0,35	B F
325i 2.5 325iC/iX 2.5 Eng. M20B25	85→ 88-90											
525i 2.5 Eng. M20B25M	88-90											
325i 2.7i 525i 2.7i Z1 2.7i Eng. M20B27M OHC 2693ccm	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	B F
530i Touring V8 3.0 32V Eng. M60B30 Mod E34	93→	84 V-8	IN	V1101	1134 1 736 567 1134 1 731 642	31,9x6x104	45	3	VV414 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
730i/730iL V8 3.0 32V Eng. M60B30 Mod E38 2997ccm	93→											
535i V8 3.5 32V Eng. M62B35 Mod E39	95→		EX	V1102	1134 1 736 576 1134 1 731 643	28,5x6x103,6	45	3	VV414 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
735i/735iL V8 3.5 32V Eng. M62B35 Mod E38 3498ccm	96→											
530i 3.0 24V NEW			EX	V1984		29x5x110,6	45	3	VV588 VV588N		5x10,04x48 +0,05	B A

1	2	3	4	5	6	7	8	9	10	11	12
BMW											
316i Compact 1.6 94→ 316i/Coupe 1.6 93→ Eng. M43B16 Mod E36 1596ccm 75kw(102PS)	84	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 93→ Eng. M43B18 Mod E36 518i/Touring 1.8 93→ Eng. M43B18 Mod E34 Z3 Roadster 1.8 96→ Eng. M43B18 Mod E36 1796ccm 85kw(116PS)	84	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 94→ Eng. M73B54 Mod E38 850 G 24V 5.4 94→ Eng. M73B54 Mod E31 5379ccm 240kw(327PS)	85	V-12									
Z3 1.9 98→ 316i, 318i 1.9 98→ Eng. M43B19 Mod E46 1895ccm 87kw(118PS)	85	4									
850CSi 24V 5.6 93→ Eng. M70B56 5576ccm 279kw(380PS)	86	V-12									
130i 3.0 24V 10→ 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	85	IN	V2035	1134 7 552 952	32x5x106,7	45	3	VV523 VV523N		5x10,04x42 +0,05	B A
	6	EX	V2036	1134 7 552 953	29x6x114,6	45	3	VV524 VV524N		6x10,04x48 +0,05	B A

1	2	3	4	5	6	7	8	9	10	11	12							
												AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o
BMW																		
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)	77-87	86 6	IN	V1563	1134 1 273 592	46x8x106,5	45	3	VV191	1112 1 263 642	8x14,04x50	B						
					VV191.1					+0,05	F							
					VV191.2				1112 1 266 760	+0,10								
					VV191.3				1112 1 266 761	+0,20								
528/528i 2.8i Mod. E18	77-87	86 6	EX	V1564	1134 1 250 129 1134 1 269 419	38x8x107,1	45	3	VV191.4		+0,30							
628/CSI 2.8i Mod. E28	79-87																	
728/728i 2.8i Mod E23 Eng. M30B28 2788ccm 125kw(170PS)	77-86																	
M3 3.2i 24V	95-99	86,4 6	EX	V1564	1134 1 250 129 1134 1 269 419	38x8x107,1	45	3	VV191	1112 1 263 642	8x14,04x50	B						
Z3 3.2i 24V Eng. S50B32 Mod. E36 3152ccm 179kw(243PS)	97-00														VV191.1		+0,05	F
									VV191.2	1112 1 266 760	+0,10							
									VV191.3	1112 1 266 761	+0,20							
									VV191.4		+0,30							
530i 3.0i Mod. E34	88→	89 6	EX	V1564	1134 1 250 129 1134 1 269 419	38x8x107,1	45	3	VV191	1112 1 263 642	8x14,04x50	B						
630CSi 3.0i Mod. E24	76→														VV191.1		+0,05	F
730/730i/iL 3.0i Mod. E23 Eng. M30B30 ME 2986ccm 132/145kw(179/197PS)	76→															VV191.2	1112 1 266 760	+0,10
									VV191.3	1112 1 266 761	+0,20							
									VV191.4		+0,30							
732i 3.2i	83-86	89 6	EX	V1564	1134 1 250 129 1134 1 269 419	38x8x107,1	45	3	VV191	1112 1 263 642	8x14,04x50	B						
745i 3.2i Turbo Eng. M30B32 M/LA 3210ccm 130/136/145/185kw	79-83														VV191.1		+0,05	F
																VV191.2	1112 1 266 760	+0,10
									VV191.3	1112 1 266 761	+0,20							
									VV191.4		+0,30							
535i/M535i 3.4i Mod. E28	84→	92 6	EX	V1564	1134 1 250 129 1134 1 269 419	38x8x107,1	45	3	VV191	1112 1 263 642	8x14,04x50	B						
635CSi 3.4i Mod. E24	82→														VV191.1		+0,05	F
735i/745i 3.4i Mode. E23 Eng. M30B34 MA/ME/M.45 3430ccm 136/141/150/160/185kw	83→															VV191.2	1112 1 266 760	+0,10
									VV191.3	1112 1 266 761	+0,20							
									VV191.4		+0,30							
735i 3.5i Mod. E23 Eng. M30B35 L 3453ccm 160kw(218PS)	79-86	93,4 6	EX	V1564	1134 1 250 129 1134 1 269 419	38x8x107,1	45	3	VV191	1112 1 263 642	8x14,04x50	B						

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
BMW												
540i Touring 4.0 32V Eng. M60B40 Mod E34	93→	89	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	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										
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 Eng. M62B44	99→											
M5 4.4 32 V Eng. M62B44 4398ccm		210kw(286PS)										
320i/iS 2.3 2302ccm	86-89	93,4	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											
M5 3.5 24V Eng. S38B36 Mod E34 3535ccm	88→	93,4	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
BMW DIESEL												
525, 525i 2.5i Eng. 1ND TV Toyota 1364ccm	03→	71	IN	V1487	1134 7 791 054	30,6x6x100	45	1	VV374	11122-30020	6x11,09x40,6	G P
		4										
			EX	V1488	1134 7 791 055	28x6x99,8	45	1	VV374	11122-30020	6x11,09x40,6	G P

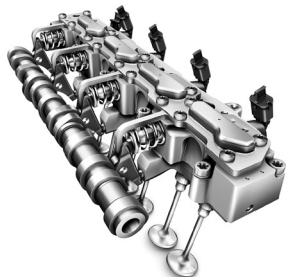
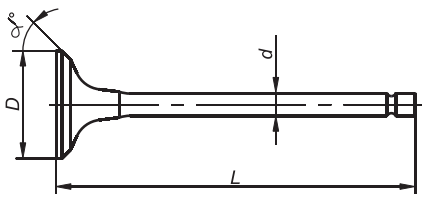
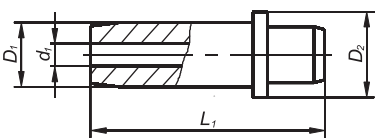
1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
BMW DIESEL												
Mini One 1.6D 16V Eng. DV6TED4 Diesel Eng. Peugeot 1560ccm	06→	75	IN	V1493	1134 7 805 968	25,6x5,5x96,4	45	3	VV399		5,5x9,56x34	G
		4							VV399N		+0,05	A
80kw(109PS)			EX	V1494	1134 7 805 969	23,4x5,5x96,6	45	3	VV399		5,5x9,56x34	G
									VV399N		+0,05	A
116d 114d Eng. N47 D16A 1598ccm	11→	78	IN	V2037	1134 7 812 618	24,8x5x94	45	3	VV510		5x10,04x35,5	B
	12→	4							VV510N		+0,05	A
			EX	V2038	1134 7 812 616	21,2x5x94	45	3	VV510		5x10,04x35,5	B
									VV510N		+0,05	A
318 TDS/Touring 1.7 Eng. M41D18 Mod E36 1665ccm	94→	80	IN	V939	1134 2 244 814 1134 2 246 524	35,9x6x103,7	45	3	VV162	1112 2 244 464	6x12,56x39,5	B
		4							VV162.1		+0,05	F
66kw(90PS)									VV162.2		+0,10	
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→	80	EX	V940	1134 2 244 815 1134 2 246 525	30,9x6x103,5	45	3	VV162	1112 2 244 464	6x12,56x39,5	B
		6							VV162.1		+0,05	F
85/105kw(115/143PS)									VV162.2		+0,10	
324 TD 2.4 524 TD 2.4 Eng. M21D24 WA Turbo 2443ccm	85→	80	IN	V937	1134 2 242 624 1134 2 242 621	34,9x7x114,3	45	3	VV161	1112 1 280 523	7x13,05x45	B
	83→	6							VV161.1		+0,05	F
									VV161.2		+0,10	
									VV161.3		+0,20	
									VV161.4		+0,30	
324 D 2.4 524 D 2.4 Eng. M21D24 Turbo 2443ccm	86→											
	86→		EX	V938	1134 2 242 623 1134 2 242 622	30,9x7x114,1	45	3	VV192		7x13,05x52	B
									VV192.1		+0,05	F
									VV192.2		+0,20	
									VV192.3		+0,30	
325 TD Turbo 2.5 Eng. M51D25 Mod E36 2498ccm	91-92	80	IN	V1011	1134 2 243 328 1134 2 244 858	35,9x7x103,7	45	3	VV161	1112 1 280 523	7x13,05x45	B
		6							VV161.1		+0,05	F
									VV161.2		+0,10	
									VV161.3		+0,20	
									VV161.4		+0,30	
525 TDS Turbo 2.5 Eng. M51D25 Mod E34	90-92											
725 TDS Turbo 2.5 Eng. M51D25 Mod 38 2498ccm	96-01		EX	V1012	1134 2 244 282 1134 2 244 851	30,9x7x103,5	45	3	VV192		7x13,05x52	B
									VV192.1		+0,05	F
									VV192.2		+0,20	
									VV192.3		+0,30	

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
BMW DIESEL												
123D 2.0D Eng. N47D20B 1995ccm	07→	84 4	IN	V1709	1134 7 797 711	27,2x5x94	45	3	VV510		5x10,04x35,5	B
			EX	V1710	1134 7 797 712	24,6x5x94	45	3	VV510 VV510N		+0,05	A
320 TDS 2.0 16V Turbo 520 TDS 2.0 16V Turbo Eng. M47D20 Mod E46 Turbo 1951ccm	98→	84 4	IN	V994	1134 2 247 077	26x6x99,9	45	3	VV247 VV247.1		6x11,55x39	B
			EX	V994	1134 2 247 077	26x6x99,9	45	3	VV247 VV247.1		+0,05	A
X3 2.0D Eng. 204D4 1995ccm	03→											
525 TDS Turbo 2.5 24V Eng. M57D25 Mod E46 Turbo 2498ccm	98→	84 6										
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	99→ 98→ 98→											
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	B
			EX	V994	1134 2 247 077	26x6x99,9	45	3	VV247 VV247.1		+0,05	A
CADILLAC												
9-3 BLS 2.0T 16V 1998ccm	06→	86 4	IN	V1069	12786696 55192156	35,1x6x102,3	45	3	VV461	9006082	6x10,04x36	G
			EX	V1070	12791961	30,1x6x100,9	45	3	VV461	9006082	6x10,04x36	G

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART N ^o
CADILLAC													
CTS 2.8 V6 STS 2.8 V6 Eng. LP1 2792ccm NEW	06→	V6	IN	V2349	12575352	35,2x6x101,4	45	1					
			EX	V2350	641079	12575354	30,6x6x97	45	1				
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	
SRX 3.6 V6 Eng. LY7 3564ccm NEW	06→	V6	IN	V2351	12575351	37x6x101,3	45	1					
			EX	V2350	12575354	30,6x6x97	45	1					
CTS STS ESCALADE NEW	09	V6	IN	V2281	12590771	55x8x123,9	45	1					
			EX	V2282	1267533	12582719	40,4x8x124,7	45	1				
CADILLAC DIESEL													
BLS 1.9D 16V 9-3 SW 9-5 SW 1910ccm 110kw(150PS)	06→	82 4	IN	V1415	93185523	27,8x6x114,4	45	3	VV459 VV459.1 VV459.2		6x11,04x47 +0,03 +0,23	G F	
			EX	V1416	93178588	25,8x6x114,4	45	3	VV459 VV459.1 VV459.2		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					

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
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

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	
												2
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
			137,16 8	EX	V496	1W 3860	41,8x9,5x181,4	45	2	VV44	4N2803	9,5x17,5x82,6
988-620-631-641 650-651-657-666		137,16 6	IN	V849	1P 0407 2M 6402 1N 4885	45x9,5x152,4	45	2				
824-824/B-825/B 830-834-835		137,16 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. Perkins 1104 1106 NEW	07 →	4 6	IN EX	V1867 V1868	2255495 2255499	46,3x9x129,2 41,6x9x129,2	60	1				
Eng. 3408 Gas NEW		8	IN EX	V2239 V2240	2120932 2120933	45x9,5x193,7 41,8x9,5x193,7	70	2				
Eng. D320 NEW			IN EX	V2241 V2242	9H1087 9H4811 2M7727	43,1x9,4x150,1 39,9x9,4x150,1	60	2				
Eng. C11/C13 12500ccm NEW		6	IN EX	V2243 V2244	2243028 2527803 2418383	44,5x9,5x188,3 41,6x9,5x187,3	60	2				
Eng. C9 8800ccm NEW	08 →	6	IN EX	V2245 V2246	2418382 2527803	39x8x184,5 36x9,5x184,6	60	1				

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

CATERPILLAR

Eng. C6		IN	V2247	2941684	34,5x6,6x144,1	60	1				
NEW		EX	V2248	2941685	27,5x6,6x144	45	1				
Eng. C4 4400ccm		IN	V2249	3096688	35x6x108,2	60	3				
NEW		EX	V2250	3399637	33x6x107,9	45	3				
Eng. C2.2 2200ccm		IN	V2251	3081860	37x7x99,5	45	1				
NEW	4	EX	V2252	3081861	33x7x99,6	45	1				
ENG. D7 S-No. 17A	75→	146 4/6	IN	V567	8H 1993	59,5x12,7x236	45	15			
ENG. D8 S-No. 13A/14A/15A	→76	146 V8 V12	EX	V568	8H 1994	57,9x12,7x235	45	15			
ENG. D342 ENG. D364 ENG. D375 ENG. D386 ENG. D397											
D 379 B	158,75	IN	V497	1W 8606	63,6x9,5x238,6	60	2				
D 398 B	V8										
D 399 K	V12	EX	V498	1W 1822	59,7x9,5x238,6	60	2				

CHEVROLET – DAEWOO

Spark 1.0 Eng. B10D1 995ccm	10→	68 4	IN	V2039	96463002	25,9x5x99,2	45	1				
			EX	V2040	96463003	23,5x5x100	45	1				
MARUTI 0,8 TICO 0.8 Eng. F 8CV/F8B 796ccm	91→ 95→	68,5 3	IN	V605	12911 78B00	35,7x5,5x110,5	45	1	VV296 VV296N	11115A-70B00	5,5x11,05x43 +0,05	G P
			EX	V606	12915 78B00 11915A 78B01	31,8x5,5x110,2	45	1	VV296 VV296N	11115A-70B00	5,5x11,05x43 +0,05	G P
Matiz 1.0i Eng. B10S 995ccm	03→	68,5 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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

CHEVROLET – DAEWOO

Matiz 0.8 Eng. F8 CV 796ccm	98→ 86→ 38kw(52PS)	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	85→ 49kw(67PS)	71 4	IN	V1145	MD-016460 22211-21010	34x6,6x102,1	45	1				
Saga 1500 Eng. G15B OHC Mitsubishi 1468ccm	85→ 53kw(72PS)	75,5 4	EX	V1146	MD-016461 22212-21004	30x6,6x100,9	45	1				
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	96→ 58kw(79PS)	76,5 4	IN	V1855	90215492	38x7x101,7	45	1	VV171	96350913	7x11,04x47,5	G A1
Le Mans 1.6i Racer 1.6i Eng. 16LZ 1598ccm	89→ 89→ 55kw(75PS)	79 4	EX	V1856	96098751	31x7x101,7	45	1	VV171	96350913	7x11,04x47,5	G A1
Lanos 1.4/1.5 Eng. A13DM/A15DM 1349/1498ccm	97→ 55/63kw(75/86PS)	76,5 4	IN EX	V901 V902	96182934 96182933	38x7x103,5 31x7x103,5	45 45	1 1	VV171 VV171	96350913 96350913	7x11,04x47,5 7x11,04x47,5	G A1 G A1

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
CHEVROLET – DAEWOO													
Espero 1.5 16V Nexia 1.5 16V Eng. A15 MF DOHC 1498ccm	94→	76,5	IN	4	V861	96182806	30,3x6x102,3	45	1	VV170	96103034	6x11,05x40	G
	95→	4			V862	96103129	26x6x102	45	1	VV170 VV170N	96103034	6x11,05x40 +0,05	G A
66kw(90PS)	EX	77,9	IN	4	V1263	96335947	38x6x104	45	3	VV460	96338200	6x11,04x47,5	G
					V1264	96335948	31x6x104	45	3	VV460 VV460N	96338200	6x11,04x47,5 +0,05	G A1
Kalos 1.4 16V Eng. F14S3 1399ccm	02→	77,9	IN	4	V1271	96376881	28,6x6x101,6	45	1	VV170	96103034	6x11,05x40	G
	03→				V1272	96376980	27,3x6x101,3	45	1	VV170 VV170N	96103034	6x11,05x40 +0,05	G A
69kw(94PS)	EX	79	IN	4	V861	96182806	30,3x6x102,3	45	1	VV170	96103034	6x11,05x40	G
					V862	96103129	26x6x102	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	05→	79	IN	4	V861	96182806	30,3x6x102,3	45	1	VV170	96103034	6x11,05x40	G
	98→				V862	96103129	26x6x102	45	1	VV170 VV170N	96103034	6x11,05x40 +0,05	G A
78/80kw(105/109PS)	EX	86	IN	4	V1429	55557862	31,2x5x117,2	45	3	VV223	9158589	5x10,04x39	G
					V1430	55558728	27,5x5x116,2	45	3	VV223 VV223.1 VV390 VV390.1	9158589 642014 642015	5x10,04x39 +0,03 5x10,04x37 +0,21	G F G F
Leganza 2.0 16V Nubira 2.0 16V Eng. X20 SED DOHC 1998ccm	97→	86	IN	4	V1429	55557862	31,2x5x117,2	45	3	VV223	9158589	5x10,04x39	G
	99-00				V1430	55558728	27,5x5x116,2	45	3	VV223 VV223.1 VV390 VV390.1	9158589 642014 642015	5x10,04x39 +0,03 5x10,04x37 +0,21	G F G F
100kw(136PS)	EX	79	IN	4	V1429	55557862	31,2x5x117,2	45	3	VV223	9158589	5x10,04x39	G
					V1430	55558728	27,5x5x116,2	45	3	VV223 VV223.1 VV390 VV390.1	9158589 642014 642015	5x10,04x39 +0,03 5x10,04x37 +0,21	G F G F

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

CHEVROLET – DAEWOO

Cruze 1.8 16V Trax 1.8 16V Eng. F18D4 1796ccm 103kw(140PS)	09→	82	IN	V1611	55557741	31,2x5x113,9	45	3	VV390 VV390N VV390.1 VV390 VV390N VV390.1	642014	5x10,04x37	G	
	13→	4								642015	+0,05	F	
				EX	V1612	71744388	27,5x5x113,2	45		3	642014	5x10,04x37	G
											642015	+0,21	F
Laceti 1.8 16V Nubira 1.8 16V Eng. F18D3 1800ccm NEW	06→	4	IN	V2265	93333561	31,2x6x101,4	45	3					
			EX	V2266	93333562	27,5x6x100,8	45	3					
Espero 1.8 Eng. C18 LE 1796ccm 66kw(90PS)	95→	84,8	IN	V641	90220119	41,8x7x103,8	45	1	VV119 VV119N	90108699	7x11,03x45,5	G	
		4	EX	V642	90323757	36,5x7x103,6	45	1		90108699	7x11,03x45,5	G	
Espero 2.0 Eng. C20 LE/NE 1998ccm 77kw(105PS)	95→	86							VV119 VV119N			A1	
		4											
Nubira 2.0 1998ccm	01→												
Tacuma 1.8 SX Eng. F18N 1761ccm	00→	84,8	IN	V1875	96230591	38x6x101,3	45	3	VV163 VV163.1 VV163 VV163.1	90502079	6x10,04x45	G	
		4	EX	V1876	96230595	31,4x6x101,1	45	3		90502079	6x10,04x45	G	
										+0,03	F		
Leganca 1.8i 16V Nubira 1.8i 16V 1796ccm 85kw(116PS)	99→	86	IN	V511	90412277	32x6x102,1	45	3	VV163 VV163.1	90502079	6x10,04x45	G	
		4									+0,03	F	
Evanda 2.0i 16V Nubira 2.0 16V	02→		EX	V512	90410813	29x6x92,2	45	3	VV163 VV163.1	90502079	6x10,04x45	G	
	98→										+0,03	F	
Leganca 2.0 16V Tacuma 2.0 16V Rezzo 2.0 16V	97→												
Epica 2.0i 16V Eng. X20SED/C20SED DOHC 1998ccm 81/100kw(110/136PS)	00→												
	00→												
	05→												

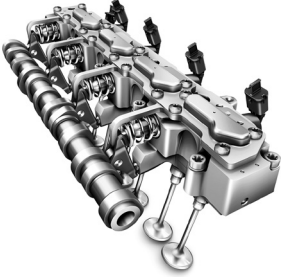
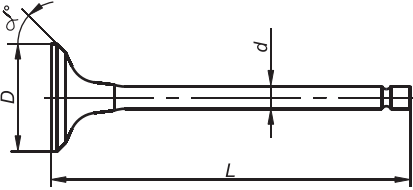
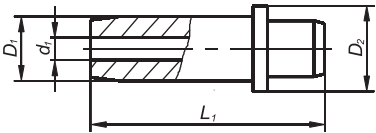
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

CHEVROLET – DAEWOO

LEGANZA 2.2 16V Eng. X22 SED 2198ccm 100/105kw(136/143PS)	98→	86 4	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	
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	
Coptiva 2.4i 16V Eng. Z24 XE 2405ccm 100–103kw(136–140PS)	06→	87,5	IN	V511	90412277	32x6x102,1	45	3	VV163 VV163.1	90502079	6x10,04x45 +0,03	G F	
			EX	V512	90410813	29x6x92,2	45	3	VV163 VV163.1	90502079	6x10,04x45 +0,03	G F	
Eng. M104.992 3199ccm 162kw(220PS)	99→	89,9 6	IN	V1547		35x7x101,5	45	3					
			IN	V1099		35x7x101,5	45	1					
	Eng. M104.995 3199ccm 170kw(231PS)	99→		EX	V1548		31x7x103,5	45	3				
				EX	V1100		31x8x103,5	45	1				

CHEVROLET – DAEWOO DIESEL

Aveo 1.3D 16V Cruze 1.3D 16V Eng. LDV/LSF 1248ccm 51/55kw(69/75PS)		69,6 4	IN	V1413		21,7x6x109,2	45	3	VV391		6x10,03x43,2	G
			IN	V1873		22,45x6x109,2	45	3	VV391.1 VV391.2		+0,03 +0,23	F3
			EX	V1414		21,7x6x109,2	45	3	VV391		6x10,03x43,2	G
			EX	V1874		22,5x6x109,2	45	3	VV391.1 VV391.2		+0,03 +0,23	F3
Trax 1.7 TD Cruze 1.7 TD Eng. LUD 1686ccm	12→	79 4	IN	V2041	98113743	27,4x6x102,6	45	1	VV231 VV231N		6x11,05x42 +0,05	G F
			EX	V2042	97385842	25,45x6x102,4	45	1	VV231 VV231N		6x11,05x42 +0,05	G F

	CYL. Ø Nº	IN 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

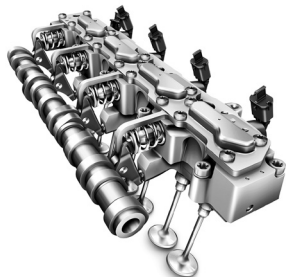
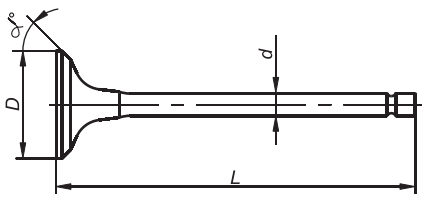
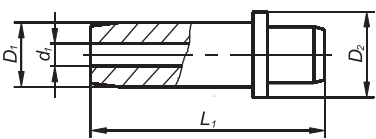
CHEVROLET – DAEWOO DIESEL

TRUCK PLUS Eng. XUD9/D9B 1905ccm 47kw(64PS)	00→ 4	80	IN	V721	93 510 415 500 54 982	38,5x8x112,4	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,22	B A
			EX	V721N1 V721N3		+0,5S +1,0S						
Nubira 2.0 TDCI Captiva 2.0 VCDI Epica 2.0 VCDI Eng. Z20DM-Z20DMH 1991ccm	07→ 4	83	IN	V1625	96951454	28,6x6x95,7	45	3	VV163 VV163.1	90502079	6x10,04x45 +0,03	G F
			EX	V1626	96951455	24,4x6x95,7	45	3	VV163 VV163.1	90502079	6x10,04x45 +0,03	G F
Epica 2.0 I Cruze 2.0 D Eng. Z20D 1998ccm	11→ 11→		IN	V2003		29,3x5,5x96,8	45	1				
			EX	V2004		25,1x5,5x97,1	45	1				
Cruze 2.0 TD Orlando 2.0 TD Eng. Z20D1 1998ccm	10→ 11→	86	IN	V2043	25183821	28,8x5x101,9	45	3				
			EX	V2044	25183822	26,4x5x101,9	45	3				
Captiva 2.2 TD Eng. Z22D1 2231ccm	11→											

CHRYSLER

Chrysler 1.6 Eng. G32B Mitsubishi 1598 ccm 48/60kw(65/81.5S)	76,9 4		IN	V1567	MD 075925	38x8x103,5	45	1				
			EX	V1568	MD 075927	31x8x100	45	1				
Neon 2.0 16V Stratus 2.0 16V Voyager 2.0 16V Eng. C.00 1996 ccm 96/98kw(131/133PS)	4		IN	V1147	0464 8615	33,2x6x114,9	45	1				
			EX	V1148	0464 8613	28,7x6x117,2	45	1				

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
CHRYSLER											
NEW	4	IN EX	V2211 V2212		33,2x6x114,7 28,8x6x117,2	45 45	3 3				
Neon 1.6i 16V Eng. R50 1598 ccm	01→	77 4	IN EX	V1705 V1706	11347485585 11347513023 04777770AB 11347829943 11347513024 04777772AB/AC	45 45	3 3	VV526 VV526N		6x11,06x42 +0,05 6x11,06x42 +0,05	G A G A
Neon II 1.6 16V PT Cruiser 1.6i 16V Eng. EJD 1598 ccm	01-03 00→	85kw(115PS)	EX	V1706	11347829943 11347513024 04777772AB/AC	45	3	VV526 VV526N		6x11,06x42 +0,05	G A
PT Cruiser 1.6i 16V Eng. R50 1598 ccm	04→	77 4	IN EX	V1705 V1706	11347485585 11347513023 04777770AB 11347829943 11347513024 04777772AB/AC	45 45	3 3	VV526 VV526N VV526 VV526N		6x11,06x42 +0,05 6x11,06x42 +0,05	G A G A
Stratus 2.5 24V 2497 ccm	95→	83,5 6	IN EX	V1195 V1196	MD 301193 MD 306183	45 45	1 1	VV412 VV412N VV450 VV450N		6x11,12x45,5 +0,05 6x11,12x50,5 +0,05	G P G P6
PT Cruiser 2.0 16V Sebring Cabrio 2.0 16V Eng. ECC 1995 ccm	00→ 02→	87,5 4	IN EX	V1233 V1234	0466 7969 AB 0477 7898 AA	45 45	3 3	VV493 VV493N VV493 VV493N	4667411 4667411	6x11,07x44 +0,05 6x11,07x44 +0,05	G A G A
PT Cruiser 2.4 16V Voyager 2.4 16V Eng. EDV, EDZ 2429 ccm	00→ 00→	104kw(141PS) 105/108/164kw									
300M 2.7 2736 ccm		V6	IN EX EX	V1847 V1860 V1848	04663899 04663347 04663902	45 45 45	3 3 3				
Sebring 2.7 V6 24V 2736 ccm	03→	V6	IN EX	V1847 V1848	04663899 04663902	45 45	3 3				

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

CHRYSLER

Voyager Grand 3.3 V6 3301 ccm 03→	V6	IN	V1959	04781025AA	48x7x126,3	45	4	VV590		7x12,53x57,8	G
		EX	V1960	04781029AB	35,5x7x127,6	45	4	VV590		7x12,53x57,8	G
Jeep CJ-7 2.0 Eng. J5R 800 1995 ccm 62kw(85PS) 83-86	88 4	IN	V1943		43,9x8x112	60	1				
		EX	V1920		37x8x111,3	45	1				
		EX	V1944		38,6x8x111,4	45	1				
Wrangler 2.0 Eng. J6R 711 1995 ccm 76/81kw(103/110PS) 90→		IN									
		EX									
Crosfire 3.2 18V Eng. M112.955 3199 ccm 158kw(215PS) 03→	89,9 6	IN	V1551	113 053 0101	36x7x119,4	45	1	VV346		7x12,56x50	G
								VV346.1	113 053 0329	+0,20	F
								VV346.2	113 053 0429	+0,60	F
		EX	V1552	113 050 0227	41x7x122,3	45	1	VV346		7x12,56x50	G
							VV346.1	113 053 0329	+0,20	F	
							VV346.2	113 053 0429	+0,60	F	
NEW		IN	V1445	33003515R	48,5x8x124,7	45	1				
		EX	V1446	33003860R	38,1x8x125,5	45	1				
Dodge Dakota Ran Changer Eng. 238 CE (1989-1997) 3900 ccm NEW 89→ 97→	V6	IN	V1445	53006723	48,5x8x124,7	45	1				
		EX	V2288	53006724	41,3x8x124,4	45	1				

CHRYSLER DIESEL

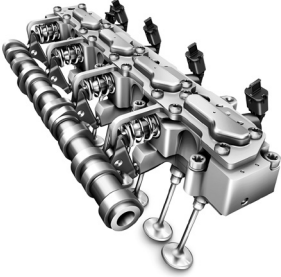
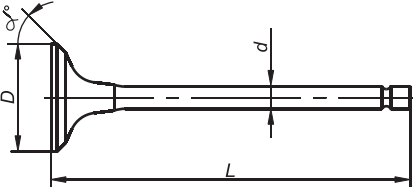
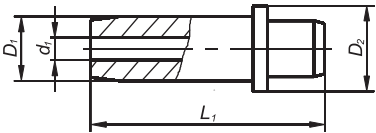
Sebring 2.0 CRD 16V Eng. ECD 1968 ccm 07→	81 4	IN	V1607	68001582AA	29,2x6x87,8	45	3	VV272		6x10,07x42	B
								VV272N		+0,05	F
								VV272.1		+0,15	F
		EX	V1608	68001583AA	25,4x6x87,5	45	3	VV272		6x10,07x42	B
							VV272N		+0,05	F	
							VV272.1		+0,15	F	

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
CHRYSLER DIESEL												
Chrys.300 3.0CRD 24V Eng. OM642 2987 ccm	06→	83	IN	V1743	5175396AA	28,5x6x102,3	45	3	VV398		6x11,57x34,4	G
		V6								VV398N		+0,03
			EX	V1744	5175397AA	25,4x6x102,3	45	3	VV398		6x11,57x34,4	G
									VV398N		+0,03	F
PT Cruiser 2.2CRDi 16V Eng. OM664 2151 ccm	02→	88	IN	V1055	05073735AA	30,1x7x104	45	1	VV268	611 053 0329	7x12,56x37,5	G
		4								VV268N		+0,05
			EX	V1056	05073738AA 05073737AA	28,4x7x104,4	45	1	VV268	611 053 0429	7x12,56x37,5	G
									VV268N		+0,05	F
									VV268.1	611 053 0429	+0,20	
Cherokee 2.1 TD Eng. J8S 814. 890 2068 ccm 64kw(87PS)	84-95	86	IN	V863	7701 462 232	40,2x8x111,6	45	1	VV145		8x13,07x49	B
		4								VV145N		+0,03
Jeep CJ-7 2.1 D Eng. J8S 814. 890 2068 ccm 64kw(87PS)	85→		EX	V864	7701 461 339	33,3x8x111,6	45	1	VV145		8x13,07x49	B
									VV145N		+0,03	F
Comanche 2.1 TD 88-98 Vagoneer 2.1 TD 88-94 XJ 2.1 TD 84-87 Eng. J8S 800. 814 2068 ccm 44/64kw(60/87PS)												
Voyager 2.5 TD Eng. VM425/CH/EH VMHR92.4SHI 2499ccm	91→	92	IN	V1167	047 20 146	40,2x8x121	55	1	VV411		8x14,06x55	G
		4								VV411.1		+0,03
									VV411.2		+0,18	
									VV521		8x14,06x55	G
									VV521.1		+0,03	F
									VV521.2		+0,18	
			EX	V1168	047 20 148	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	

1	2	3	4	5	6	7	8	9	10	11	12
CHRYSLER DIESEL											
Voyager 2.5 CRD 03→ Grand Voyager 2.5 CRD Eng. ENC/ENJ 2499 ccm 85/105kw(116/143PS)	92	IN	V1645	05066770AA	32,4x6x109	45	3	VV530	5066773AA	6x11,03x44,5	G
			EX	V1646	05066769AA	30,9x6x108,3	45				
Voyager 2.8 CRD 16V 06→ Grand Voyager 2.8 CRD 16V Eng. ENR 2776 ccm 110/120kw(150/163PS)	94	IN									
			EX								
Chrysler 2.8.CRD 07→ Eng. ENS 2777 ccm	94	IN	V1745	K68027469AA	31,8x6x107,6	45	3	VV530	5066773AA	6x11,03x44,5	G
			EX	V1746	K68027470AA	29,2x6x107,8	45				
CHRYSLER U.S.A.											
Chrysler Mitsubishi Eng. NEW	4	IN	V1567	MD075925	38x8x103,5	45	1				
			EX	V1568	MD075927	31x8x100	45				
Sebring 2.4 07→ Eng. ED3 2360 ccm NEW	4	IN	V2253	0948.F2	35x5,5x113,2	45	1				
			EX	V2254	0949.E7	29x5,5x105,8	45				
Grand Voyager 08→ Dodge RAM Dodge Durango Eng. HG/HB/LE/LX 5700 ccm NEW	8	IN	V2255	53021550AA	50,8x8x125,2	45	3				
			EX	V2256	53021551AA 53021551AB	39,4x8x123,1	45				
CITROEN											
Eng. 2CV/-AZ/AZ1/AZW 425ccm NEW	66	IN	V2191		34,5x8x77,1	60	9				
			EX	V2192		31x8x76,4	45				
Eng. 2CV/AZ/AM 425ccm 13kw(18PS) NEW	66	IN	V2193		39x8x91	60	9				
			EX	V2194		32x8,5x88,7	45				

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
CITROEN													
Diane 6 68→ Mehari 4x2/4x4/Azur Eng. AYB Ami 6/8 68-79 Eng. 28 2CV6 Special/Club 68→ Acadiane 76→ Eng. 602 Eng. R06/627 602ccm 19/24kw(26/33PS) NEW	74 2	IN EX	V2195 V2196	5 457 475 5 457 476	40x8x88,5 34x8,5x87,1	60 45	3 3						
Dyane 4 CV 68→ 2CV 70→ NEW	2	IN EX	V2199 V2200	5 430 70Y 5 457 490 5 430 75C 5 457 491	39x8x89,7 34x8,5x88,5	60 45	3 3						
Audace , Escape 0.9 93→ Eng. TU 9M 854ccm 37kw(50PS) AX 10E 1.0 93→ Eng. TU 9M Saxo 1.0X 96→ Eng. TU 9M/Z C15 1.0 88→ Eng. C1A, TU9A 954ccm 33/37kw(45/50PS)	70 4	IN EX	V1093 V1094	97531079 97531046	34,7x7x112,8 27,7x7x112,6	60 45	1 1	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	G F B F		
LNA 4 CV 1.0 84→ Eng. 108C 954ccm 33kw(45PS) C 15 E 1.1 84-87 Eng. A-XY6C AX 11 1.1 84→ BX 11 1.1 84→ LNA 11 RE/RS 4/6 CV 1.1 83→ Visa Super/Super E/L 1.1 78→ Eng. XW7/109 5F 1124ccm 37/42kw(50/57PS)	70 72 4	IN EX	V969 V970	95551307 95563504 95551308	36,8x8x113,4 29,3x8x113,6	60 45	1 1						

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
CITROEN													
Visa Super X 1.2 Eng. XZ7R 1219ccm	81-82	72	4	IN	V969	95551307	36,8x8x113,4	60	1				
				EX	V970	95563504							
BX 14 E/TRE	80→	75											
C 15 E	86-87	4											
Visa Super X 1.4	80→												
Visa 14 TRS 1.4	84→												
Eng.150 A/C/D/Y													
Visa GT/Chrono XT 1.4	81→												
Eng.150 B													
1361ccm													
41/59kw(56/80PS)													
C1 1.0 Eng. 384F, 1KR-FE Toyota 998ccm	06→	71	3	IN	V1721	0948.E2	27,4x5x88,4	45	1	VV435	0221.28	5x9,75x34,4	G P
				EX	V1722	0949.C8				VV435	0221.28		
C15 1.1	88→	72	4	IN	V694	97533266	36,7x7x112,8	60	1	VV243	0220.59	7x13,07x47,5	G
				EX		97531080				VV243.1	0220.60		
AX 11 RE/TRE 1.1	86→												
BX11 1.1	88→												
Eng.TU1													
AX First Club, Caban 1.1	93→	72											
AX Tonic, Image Thalassan, Tilt	93→	4											
ZX Refleks 1.1	93-97												
Saxo 1.1i X/SX	96→			EX	V632	97533264	29,3x7x112,6	45	1	VV243	0220.59	7x13,07x47,5	G
Expert, Berlingo 1.1i	96→				97531044	VV243.1				0220.60	+0,05		
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)													

	CYL. Ø Nº	IN 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	

CITROEN

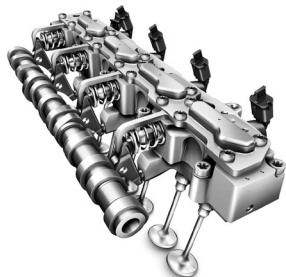
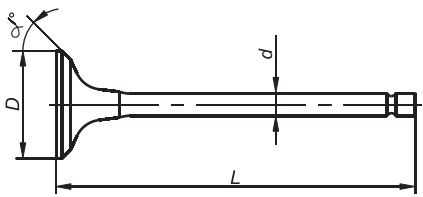
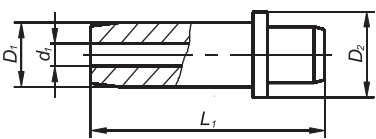
AX 1.4 XT	91→	75 4	IN	V694	97533266	36,7x7x112,8	60	1	VV243	0220.59	7x13,07x47,5	G
BX 1.4	89→		VV243.1	0220.60	+0,05	F						
ZX Reflex, Avantage, Aura	91-97		VV243.2	9456 001 145	+0,20							
Eng. TU3MZ, TU3 2K			VV581		7x13,07x47,5	B						
AX 1.4 GTS 4x4 Turbo	93→		VV581.1		+0,05	F						
ZX Tilt 1.4i, Z X Break-Tilt 1.4i	93-97		VV581.2		+0,20							
Eng. TU3 FMC												
C2 1.4i	03→		EX	V632	97533264	29,3x7x112,6	45	1	VV243	0220.59	7x13,07x47,5	G
C3 1.4i	02→		VV243.1	0220.60	+0,05	F						
ZX 1.4i	96→		VV243.2	9456 001 145	+0,20							
Saxo 1.4i SX, VSX	96→	VV581		7x13,07x47,5	B							
Xsara 1.4i X/SX		VV581.1		+0,05	F							
Limousine/Break	96→	VV581.2		+0,20								
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)											
C3	13→	3	IN	V2123	9676359080	29,1x5x92,5	45	1				
DS3			EX	V2124	9676359180	26,1x5x91,8	45	1				
Eng. EB2/EB2M												
1200ccm												
NEW												
Jumpy 1.6	95→	74 4	IN	V735	7 617 500	39,5x8x108,5	45	1	VV69	4 250 803	8x14,06x46,5	G
Eng. 220 A2.000 - Fiat			VV69.1	4 372 160	+0,03	F						
1581ccm	58kw(79PS)		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							

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
CITROEN											
C2 1.1i C3 1.1i Saxo, Berlingo 1.1i Eng. TU1JP-HFX 1124ccm	03→ 02→ 00→ 44kw(60PS)	72 4	IN	V633 96278356	36,7x7x112,8	45	1	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	G F B F
C2 1.4i C3 1.4i Eng. TU3JP 1361ccm	03→ 02→ 44kw(60PS)	75 4	EX	V632 97531044 97533264	29,3x7x112,6	45	1	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	G F B F
AX Sport Eng. TU 24 1294ccm	86→ 69kw(94PS)	75 4	IN EX	V2171 95638476 V2172 95638477	39,3x8x111,8 31,2x8x111,6	45	3	VV242 VV242.1 VV242.2 VV242 VV242.1 VV242.2	0220.72 0221.17 0221.17 0220.72 0221.17	8x13,07x45 +0,05 +0,20 8x13,07x45 +0,05 +0,20	B F B F
C2 1.4i 16V C3 1.4i 16V C4 1.4 16V Eng. ET3J4/KFU 1360ccm	04→ 04→ 04→ 65kw(88PS)	75 4	IN EX	V1251 0948.C8 V1252 0949.C4	28,3x5,5x100,8 24,3x5,5x101,1	45	3	VV384 VV384N VV384 VV384N		5,5x10,58x38 +0,03 5,5x10,58x38 +0,03	B A B A
AX, XSi Allure 1.4 Berlingo 1.4 Eng. TU3F-J2K 1361ccm	91→ 99→ 69kw(94PS)	75 4	IN	V1163 96183535 96101886 96096851	39,5x7x111,7	60	3	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	G F B F
Saxo 1.6i ZX 1.6i Xsara 1.6i Picasso Eng. TU5JP→Nº 7609 1587ccm	96→ 96→ 66kw(90PS)	78,5 4	EX	V1164 96101887 96096852	31,3x7x111,5	45	3	VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2	0220.59 0220.60 9456 001 145	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	G F B F

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART N ^o
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→	77	IN	V1701	753388480	30x5x97	45	3	VV519		5x9,03x41	B	
	09→	4							VV519N		+0,05	A	
	09→		EX	V1702	753388580	25,1x5x110,8	45	3	VV520		5x9,03x44,5	B	
									VV520N		+0,05	A	
	08→												
	08→												
C3 1.6i 16V C4 1.6i 16V DS3 1.6i 16V DS4 1.6i 16V Eng. 5FS EP6C 1598ccm	08→												
	08→												
	10→												
	11→												
C3 Picasso 1.6i 16V C4 1.6i 16V C4 Picasso 1.6i 16V C4 Grand Picasso 1.6i 16V Eng. EP6 1598ccm 88kw(120PS)	08→	77	IN	V1673	753450880	28,8x5x105,7	45	3	VV519		5x9,03x41	B	
		4							VV519N		+0,05	A	
			EX	V1674	754718780	26x5x110,1	45	3	VV520		5x9,03x44,5	B	
									VV520N		+0,05	A	
DS4/DS5 Eng. 5FU(EP6DTX) 1598ccm	11→	77	IN	V2031	0948.G4	29,7x5x95,1	45	3	VV519		5x9,03x41	B	
		4							VV519N		+0,05	A	
EX V1674 0949.E2 26x5x110,1 45 3 VV520 VV520N			EX								5x9,03x44,5	B	
											+0,05	A	
Saxo VTS 1.6 16V Eng. TU5J4 1587ccm 72/87kw(98/118PS)	99→	78,5	IN	V1341	96254648	28,8x6x104,4	45	1	VV201	0220.95	6x11,08x40	B	
		4							VV201.1		+0,05	F	
EX V1162 96254645 24,5x6x104,4 45 1 VV201 VV201.1			EX								6x11,08x40	B	
											+0,05	F	
Xsara Picasso 1.6i Saxo 1.6i VTS Picasso Pack 1.6i ZX 1.6i Eng. TU5JP 1587ccm 66kw(90PS)	99→	78,5	IN	V631	96260498	39,4x7x111,5	45	3	VV283	0220.84	7x13,07x48,5	B	
	99→	4							VV283.1		+0,05	F	
	02→								VV283.2	0220.83	+0,20		
	96→												
				EX	V1164	96101887	31,3x7x111,5	45	3	VV283	0220.84	7x13,07x48,5	B
										VV283.1		+0,05	F
									VV283.2	0220.83	+0,20		

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
CITROEN												
C2 1.6 16V	02→	78,5	IN	V1161	96362980	31,2x6x103,8	45	1	VV201	0220.95	6x11,08x40	B
C3 1.6 16V	02→	4			0948.A9				VV201.1		+0,05	F
C4 1.6 16V	03→											
Berlingo 1.6 16V	01→		EX	V1162	96394179	24,5x6x104,4	45	1	VV201	0220.95	6x11,08x40	B
Saxo 1.6 16V	96→				0949.A8				VV201.1		+0,05	F
Xsara Coupe 1.6 16V Eng. TU5JP4 NFU DOHC 1587ccm	01→											
		81kw(110PS)										
C 15 1.6	91→	83	IN	V967	91512096	40x8x108,8	45	1	VV241	0220.64	8x13,07x38,7	B
BX 16 RE/RS/S/TRI/TRS 1.6	84→	4			91512944				VV241.1		+0,05	F3
BX 15 1.6	92→				91537493				VV241.2	0220.63	+0,20	
Eng. 171C (XU5S)												
ZX 1.6 Aura	91-94		EX	V968	91513446	33x8x108,1	45	1	VV242	0220.72	8x13,07x45	B
Eng. XU5M					91537493				VV242.1		+0,05	F
Visa GTi 1.6	84→		EX	V1116	91508631	32x8x108,7	45	1	VV242.2	0221.17	+0,20	
Eng. 180A (XU5J) 1580ccm												
		44/77kw(60/105PS)										
Xsara Picasso 1.8 16V	01→	82,7	IN	V1453	0948.A4	29,8x6x106	45	1	VV339	02130.12	6x12,07x40	B
C5 1.8 16V	01→	4							VV339N		+0,05	F
Eng. EW7J4, GFZ 1749ccm												
		85kw(116PS)	EX	V1454	0949.A4	27,2x6x104	45	1	VV340	02130.13	6x12,07x40	G
									VV340N		+0,05	F
BX 19 TRI 1.9	84-86	83	IN	V935	91518971	39,5x8x105,2	45	1	VV241	0220.64	8x13,07x38,7	B
Eng. 159A (XU9S)		4							VV241.1		+0,05	F3
1905ccm									VV241.2	0220.63	+0,20	
		77kw(105PS)	EX	V936	91518972	33x8x105,2	45	1	VV242	0220.72	8x13,07x45	B
									VV242.1		+0,05	F
									VV242.2	0221.17	+0,20	
BX 16 RS/TRS 1.6	88→	83	IN	V723	91535017	41,6x8x108,8	45	1	VV241	0220.64	8x13,07x38,7	B
Eng. XU5		4			91537468				VV241.1		+0,05	F3
1580ccm									VV241.2	0220.63	+0,20	
		67/69kw(91/94PS)	EX	V724	91535019	34,5x8x108,4	45	1	VV242	0220.72	8x13,07x45	B
BX 19 TRS/TRI 1.9i	87→				91537470				VV242.1		+0,05	F
Eng. D2A (XU9-2C)									VV242.2	0221.17	+0,20	
BX 4x4 Break 1.9i	88→											
Eng. XU9C/XU9M 1905ccm												
		77/79kw(105/107PS)										

1	2	3	4	5	6	7	8	9	10	11	12
CITROEN											
Visa GTi 8CV 1.6i Eng. XU5M, BGD 1580ccm	84→	83 4	IN	V723 91535017 91537468	41,6x8x108,8	45	1	VV241 VV241.1 VV241.2	0220.64 0220.63	8x13,07x38,7 +0,05 +0,20	B F3
ZX Aura 1.6i Eng. XU5M/4Z 1580ccm	91-97 65/85kw(89/115PS)		EX	V724 91535019 91537470	34,5x8x108,4	45	1	VV242 VV242.1 VV242.2	0220.72 0221.17	8x13,07x45 +0,05 +0,20	B F
BX 1.9i ZX Volcano 1.9i Eng. XU9JA/Z 1905ccm	88-93 91-97 90kw(89/122PS)										
ZX Break/Avantage 1.6i/1.8i Xantia SX 1.6i/1.8i Eng. XU5JP, XU7JP, XU7JB 1580/1761ccm	93-97 96→ 66/76kw(90/103PS)										
Berlingo Familiare 1.8i Xsara 1.8i Evasion 1.8i Eng. XU7JB, XU7JP 1762ccm	96→ 97→ 95→ 73/74kw(99/101PS)										
Berlingo Familiar 1.8i Eng. XU7JB, LFX 1761ccm	96→ 66kw(99/90PS)	83 4									
ZX 1.9i 16V Eng. DFY 1905ccm	93→ 88/90kw(120/122PS)										
BX 19 GTI 1.9 Eng. D2C (XU9-J2) 1905ccm	86→ 75/92kw(102/125PS)	83 4	IN	V1575 91537489	41,6x8x105,2	45	1	VV241 VV241.1 VV241.2	0220.64 0220.63	8x13,07x38,7 +0,05 +0,20	B F3
			EX	V1576 91537491	34,5x8x104,8	45	1	VV242 VV242.1 VV242.2	0220.72 0221.17	8x13,07x45 +0,05 +0,20	B F
BX 19 1.9 16V Eng. D6A(XU9J4) 1905ccm	86→ 118kw(160PS)	83 4	IN	V1273* 91540748 * Retainer s.e. 4 mm	34,6x7x106,4	45	3	VV413 VV413.1	0220.73	7x12,08x40 +0,03	B F3
			EX	V1274* 91540782 * Retainer s.e. 4 mm	29,6x7x105,8	45	3	VV244 VV244.1	0221.19	7x12,08x40 +0,03	B F

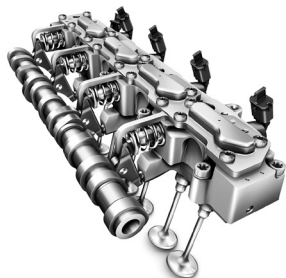
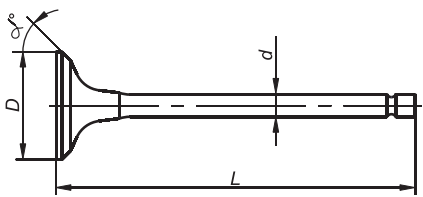
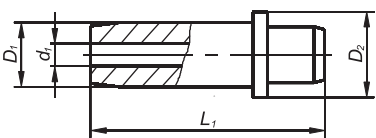
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART N°	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N°	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

CITROEN

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				* Retainer	s.e. 2,2 mm				VV244.1		+0,05	F
1761ccm	66/81kw(80/110PS)											
BX19 1.9 16V	88→											
Eng. D6C/XU9J4 DOHC												
1905ccm	116kw(158PS)											
Xantia SX 2.0i 16V	95→	86										
Eng. XU10J4R DOHC		4										
1998ccm	97kw(132PS)											
Xsara 2.0i 16V												
ZX 2.0i 16V	93→											
Xantia VSX 2.0i 16V	93→											
XM SX/SX Break 2.0i 16V	95→											
Evasion 2.0i 16V	98→											
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									VV318.1		+0,05	F
1761ccm	66/85kw(90/116PS)											
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		4							VV317.1		+0,05	F
1998ccm	120kw(163PS)											
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)											
C25 1.8	81→	84	IN	V593	91510548	42,6x8x118,6	60	1				
Eng. XM7T		4										
1796ccm	51kw(69PS)		EX	V594	91520847	35,5x8x112,2	45	1				

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
CITROEN												
C25 1300 2.0 C32 2.0 Eng. XN1T/XN1 1971ccm	81→ 74→ 57kw(77PS)	88 4	IN EX	V593 V594	91510548 91520847	42,6x8x118,6 35,5x8x112,2	60 45	1 1				
C4 ALLCROS Eng. SFZ 1998ccm NEW	08→	4	IN EX	V2253 V2254	0948.F2 0949.E7	35x5,5x113,2 29x5,5x105,8	45 45	1 1				
Xsara/Picasso 2.0i 16V Evasion 2.0i 16V Jumpy 2.0i 16V C4 2.0i 16V C5 2.0i 16V C8 2.0i 16V Synergie 2.0i 16V Eng. EW10J4/RFN 1998ccm	98→ 98→ 00→ 04→ 01→ 02→ 00→ 101kw(137PS)	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	02→ 103kw(140PS)	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	96→ 97→ 120kw(163PS)	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	89→ 93→ 93→ 94→ 79/89kw(107/121PS)	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	94→ 95→ 94→ 108kw(147PS)											

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
CITROEN													
C8 2.2 16V Eng. EW12J4/3FZ 2179ccm 98/116kw(133/158PS)	02→	86 4	IN	EX	V1455	0948.A1	35x6x106	45	1	VV339	02130.12	6x12,07x40	B
					V1456	0949.A2	31,1x6x102,9	45	1	VV340	02130.13	6x12,07x40	G
C5 V6 3.0 24V C8 V6 3.0 24V Eng. ES9J4S/XFX 2946ccm 150/152kw(204/207PS)	01→ 02→	87 V6	IN	EX	V1247	96304413	35x6x108,4	45	1	VV201	0220.95	6x11,08x40	B
					V1248	96401813 0949.A5	30,5x6x106,9	45	1	VV201.1	0220.95	6x11,08x40	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 82-92 85-92	88 4	IN	EX	V1943	094836	43,9x8x112	60	1				
					V1920	95 536 524 094932	37x8x111,3	45	1				
					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	EX	V1457	0948.C4	24,3x5,5x96,4	45	3	VV399		5,5x9,56x34	G
					V1458	0949.C1	22,4x5,5x96,6	45	3	VV399		5,5x9,56x34	A
C1 1.4 HDI C2 1.4 HDI C3 1.4 HDI Xsara 1.4 HDI Eng. DV4 TD, 8HX 1399ccm 50kw(68PS)	05→ 03→ 02→ 03→	73,7 4	IN	EX	V1205	0948.C2	32,8x5,5x97,3	45	3	VV399		5,5x9,56x34	G
					V1206	0949.B1	30,3x5,5x97,3	45	3	VV399		5,5x9,56x34	A
										VV399		5,5x9,56x34	G
AX 14 D/RD/TRD 1.4 D ZX 1.4D Eng. TU D3 SOHC/K9A, K9Y 1361ccm 39kw(53PS)	88→ 92→	75 4	IN	EX	V809	95638449	35,5x7x108,4	45	1	VV209		7x13,07x40,2	B
					V809N3	96012815	+1,0S			VV209.1		+0,05	F
					V810	95638450 96012816	30,6x7x108,2	45	1	VV210		7x13,07x42,8	B
					V810N3		+1,0S			VV210.1		+0,05	F
										VV210.2		+0,20	

1	2	3	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
CITROEN DIESEL													
													
C2 1.6 HDi 16V 05→ C3 1.6 HDi 16V 05→ C4 1.6 HDi 16V 04→ C5 1.6 HDi 16V 04→ Xsara Picasso 1.6 HDi 16V 04→ Berlingo 1.6 HDi 16V 05→ Eng. DV6TED4, 9HZ/9HY 1560ccm 66/80kw(90/109PS)	75	IN	V1493	96450247	25,6x5,5x96,4	45	3	VV399		5,5x9,56x34	G		
	4			0948.C7				VV399N		+0,05	A		
		EX	V1494	96408400	23,4x5,5x96,6	45	3	VV399		5,5x9,56x34	G		
				0949.C3				VV399N		+0,05	A		
DS5 1.6 HDi 11→ DS4 1.6 HDi 11→ DS3 1.6 HDi 10→ C3 1.6 HDi C4 1.6 HDi C5 1.6 HDi Eng. 9HP (DV6DTEd) 1560ccm	75	IN	V2049	0948.F7	30,15x5,5x95,6	45	3	VV399		5,5x9,56x34	G		
	4							VV399N		+0,05	A		
		EX	V2050	0949.F5	27,5x5,5x95,5	45	3	VV399		5,5x9,56x34	G		
								VV399N		+0,05	A		
AX 15 DX, SX, VSX 1.5D 94→ Eng. TU D5, VJY 1527ccm 43kw(58PS)	77	IN	V1089	96150145	37x7x108,5	45	1	VV209		7x13,07x40,2	B		
	4			96033454	+0,5S			VV209.1		+0,05	F		
								VV209.2		+0,20			
Saxo 1,5D, SX/VSX 96→ Xsara/Break 1,5D SX 97→ ZX 1,5D Eng. TUD5, VJY/VJZ 1527ccm 40/42kw(54/57PS)		EX	V1090	96150144	31,5x7x108,2	45	1	VV209		7x13,07x40,2	B		
					+0,5S			VV209.1		+0,05	F		
								VV209.2		+0,20			
BX 17 D/RD/Evasion 1.8D 84→ C15D 1.8D 84→ Visa 17 D/RD/Leader 1.8D 86→ Berlingo 1.8D 96→ ZX Reflex/Aura 91→ Xsara 1.8D 97→ Eng. 161A(XUD7) 1769ccm 44kw(60PS)	80	IN	V709	93501279	38x8x112,4	60	1	VV148	0220.55	8x14,06x50	B		
	4			93501070	+0,5S			VV148.1		+0,03	A		
					+1,0S			VV148.2		+0,18			
		EX	V722	93510774	33x8x111,9	45	1	VV148	0220.55	8x14,06x50	B		
				96137360	+0,5S			VV148.1		+0,03	A		
					+1,0S			VV148.2		+0,18			
BX 19 D/RD/TRD 1.9D 83→ Eng. 162(XUD9) 1905ccm 48kw(65PS)	83	EX	V710	93510773	33x8x111,9	45	1	VV148	0220.55	8x14,06x50	B		
	4			93501280	+0,5S			VV148.1		+0,03	A		
					+1,0S			VV148.2		+0,18			

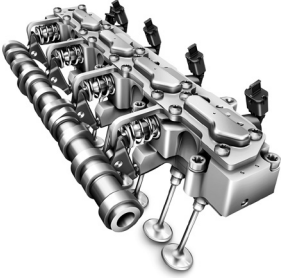
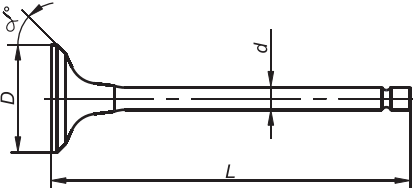
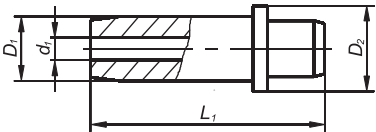
1	2	3	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
CITROEN DIESEL													
BX, Evasion 1.8D	86→	80		IN	V721	93510415	38,5x8x112,4	45	1	VV186	0220.75	8x14,06x52	B
C15 1.8D	86→	4				93510365				VV186.1		+0,05	A
Visa RD/Leader 1.8D	86→				V721N1		+0,5S			VV186.2	0220.65	+0,20	
Xsara 1.8D	97→				V721N3		+1,0S						
ZX Break 1.8 D	93-97												
Berlingo 1.8 D	96→			EX	V722	93510774	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
Eng. XUD7/161A						96137360				VV186.1		+0,05	A
1769ccm	44/66kw(60/90PS)				V722N1		+0,5S			VV186.2	0220.65	+0,20	
					V722N3		+1,0S						
				EX	V710	93510773	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
						93501280				VV186.1		+0,05	A
					V710N1		+0,5S			VV186.2	0220.65	+0,20	
					V710N3		+1,0S						
ZX 1.9 D	93-97	83		IN	V721	93510415	38,5x8x112,4	45	1	VV186	0220.75	8x14,06x52	B
Xantia 1.9 D	94→	4				93510365				VV186.1		+0,05	A
Eng. XUD9A					V721N1		+0,5S			VV186.2	0220.65	+0,20	
Xsara X/SX 1.9 D	97→				V721N3		+1,0S						
Xantia 1.9 TD	93→												
Eng. XUD9SD, DHV				EX	V722	93510774	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
1905ccm	50/52kw(68/71PS)					96137360				VV186.1		+0,05	A
					V722N1		+0,5S			VV186.2	0220.65	+0,20	
					V722N3		+1,0S						
C25 1.9D	88→												
Dispatch 1.9 D	96→												
Berlingo 1.9 D	96→			EX	V710	93510773	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
Relay 1.9 D	92→					93501280				VV186.1		+0,05	A
Jumper 27D/31D 1.9D	94→				V710N1		+0,5S			VV186.2	0220.65	+0,20	
Xantia 1.9 S/Sx	93→				V710N3		+1,0S						
BX 1.9 D/RD/TD	83→												
Eng. XUD9A, B.L.Y, D9B													
1905ccm	51kw(71PS)												
BX 2.1 D/RD/TRD	86→												
Eng. 162/XUD9)													
2088ccm	81kw(110PS)												

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
CITROEN DIESEL												
BX DTR 1.8 TD Eng. XUD7-TE/A8A-Turbo Diesel 1769ccm 44/66kw(60/90PS)	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						
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)												

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART N ^o
CITROEN DIESEL													
XM D12 2.1 TD 12V Ambiance, Harmonie Eng. XUD11ATE, P8A/PHZ Turbo	94→	85	IN	V1095	96007817	33,9x8x122,3	45	3	VV245	94560290	8x13,08x54,5	B	
	89→	4			96008334				VV245.1		+0,20	F	
Xantia, XM, Evasion 2.1 TD 12V Eng. XUD11BTE, P8C Turbo 2088ccm 81kw(110PS)	95→		EX	V1096	96079213	33,9x8x121,9	45	3	VV245	94560290	8x13,08x54,5	B	
					96042957				VV245.1		+0,20	F	
XM D12 2.1 12V Eng. XUD11A, P9A 2138ccm 61kw(83PS)	89→	86											
C4 2.0 HDI 16V C5 2.2 HDI 16V Eng. DW10BTED4/RHR 1997 ccm 100kw(136PS)	04→	85	IN	V1179	96271843	29,8x6x105	45	3	VV378	0220.A2	6x10,06x41,5	G	
	04→	4			0948.A3				VV378.1		+0,05	A	
									VV266	0220.A1	6x12,07x42,5	G	
				EX	V1180	96344375	25x6x105	45	3	VV378	0220.A2	6x10,06x41,5	G
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→	85	IN	V1179	96271843	29,8x6x105	45	3	VV378	0220.A2	6x10,06x41,5	G	
	02→	4			0948.A3				VV378.1		+0,05	A	
	07→								VV266	0220.A1	6x12,07x42,5	G	
				EX	V1180	96344375	25x6x105	45	3	VV378	0220.A2	6x10,06x41,5	G
DS4 2.0 HDI 16V DS5 2.0 HDI 16V Eng. RHH(DW10CTED4)	11→	85	IN	V2051	0948.F6	27,25x6x104,5	45	3	VV378	0220.A2	6x10,06x41,5	G	
		4							VV378.1		+0,05	A	
				EX	V1180	0949.A3	25x6x105	45	3	VV378	0220.A2	6x10,06x41,5	G
									VV378.1		+0,05	A	
C5 2.2 HDI 16V C8 2.2 HDI 16V Eng. 4HT, DW12BTED4 Biturbo 2179 ccm 125kw(170PS)	08→	85	IN	V1723	0948.E5	27,2x6x95,8	45	3	VV378	0220.A2	6x10,06x41,5	G	
	05→	4							VV378.1		+0,05	A	
				EX	V1724	0949.E1	25x6x95	45	3	VV378	0220.A2	6x10,06x41,5	G
									VV378.1		+0,05	A	

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
CITROEN DIESEL												
C5 2.0 HDi 16V	01→	85	IN	V1313	96353179	29,9x6x106,2	45	3	VV378	0220.A2	6x10,06x41,5	G
C8 2.0 HDi 16V	02→	4			0948.C0				VV378.1		+0,05	A
Evasion 2.0 HDi 16V	01→								VV266	0220.A1	6x12,07x42,5	G
Jumpy 2.0 HDi 16V	01→								VV266.1		+0,05	F
Berlingo Multispace 2.0 HDi 16V	01→											
Xsantia, Xsara 2.0 HDi 16V	99→		EX	V1314	96353184	25x6x106,1	45	3	VV378	0220.A2	6x10,06x41,5	G
Eng. DW10ATED4, RHW Euro 3					0949.A9				VV378.1		+0,05	A
Turbo Common Rail									VV266	0220.A1	6x12,07x42,5	G
1998 ccm	80kw(109PS)								VV266.1		+0,05	F
Jumper 2.2 HDi	06→	86	IN	V1987	0948.E6	29,8x7x122,2	60	3	VV525		7x12,06x51,5	G
Eng. 4HV (P22DTE)		4							VV525N		+0,05	A
2198 ccm	74-103kw(101-140PS)		EX	V1988	0949.E3	25,8x7x122	45	3	VV525		7x12,06x51,5	G
									VV525N		+0,05	A
C32, C35 2.2 D	73-79	90	IN	V1623	95569116	42x8x121,4	45	3				
Eng. B22/615		4			5478734							
C25, C35 2.2 D	75-78											
CX 2500 2.2 D	75-78		EX	V1624	95569117	35x9x121,4	45	3				
Eng. M22/621					5457479							
2175 ccm	45/49kw(62/69PS)											
C35, C45 2.5 D	80-90	93										
Eng. B25/637		4										
2499 ccm	50kw(68PS)											
C25 2.5 D	81-94											
Eng. U25/651												
CX 2.5 D	78-85											
Familiare, Prestige												
CX 25 RD/TRD 2.5 D	78→											
CX25 2.5 D	82-92											
C35 2.5 D	78-90											
Eng. M25/660, 629												
2499 ccm	55kw(75PS)											
C25 2.5 TD	87-94											
Eng. CRD 93 LS Turbo												
CX2500 2.5 TD	80-86											
Eng. M25/648												
2499 ccm	70/88kw(95/120PS)											

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
CITROEN DIESEL													
XM 2.5TD VSX, VSX Break 12V Jumper Combi Club 2.5 12V Eng. DK5-A E, THY Turbo	95→	92	IN	V1121	96095457	36,9x7x127,9	45	3	VV246	0220.93	7x13,06x54	B	
		4		V1121N1		+0,5S			VV246N		+0,05	F	
				V1121N3		+1,0S			VV246.1		+0,20		
XM 2.5D/TD VSX, VSX Break 12V Jumper,Combi Club 2.5D/TD 12V Eng. DJ5/DJ5T, T9A/T8A 2446 ccm 76/96kw(103/130PS)	94→	EX	V1122	96096146	36,9x7x127,5	45	3	VV246	0220.93	7x13,06x54	B		
			V1122N1	96304239	+0,5S			VV246N		+0,05	F		
			V1122N3		+1,0S			VV246.1		+0,20			
Jumper 2.5 TDi 12V Relay 2.5 TDi 12V Eng. DJ5TED SOHC, T8A Turbo 2446 ccm 79kw(107PS)	97→	92	IN	V955	96180328	41x7x115,7	45	3	VV291	0220.94	7x13,06x43,1	B	
	97→	4		V956	96267448	37,8x7x115,4	45	3	VV291	0220.94	7x13,06x43,1	B	
Jumper 31 2.8 D Sofim 2798ccm 63kw(86PS)	01→	94,4	IN	V679	0948.96	43,5x8x122	60	1	VV57	4 749 395	8x13,03x56	G	
		4		V679N3		+1,0S			VV57.1	4 749 397	+0,03	F	
Jumper 31 2.8 TD Sofim Jumper 33-35 2.8 HDi Eng. 8140.43S Eng. 8140.43N 2798ccm 94/107kw(128/146PS)		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		
			V681	99432837	35,9x8x122	45	1	VV57	4 749 395	8x13,03x56	G		
			V681N3	0949.A0	+1,0S			VV57.1	4 749 397	+0,03	F		
			V681		+1,0S			VV57.2	4 749 398	+0,08			
			V681N3		+1,0S			VV57.3	4 749 398	+0,18			
Jumper 31 2.8 TD Sofim Jumper 33-35 2.8 HDi Eng. 8140.43S Eng. 8140.43N 2798ccm 94/107kw(128/146PS)		EX	V681	99432837	35,9x8x122	45	1	VV57	4 749 395	8x13,03x56	G		
			V681N3	0949.A0	+1,0S			VV57.1	4 749 397	+0,03	F		
			V681		+1,0S			VV57.2	4 749 398	+0,08			
			V681N3		+1,0S			VV57.3	4 749 398	+0,18			
			V681		+1,0S			VV57.4	4 749 399	+0,23			
			V681N3		+1,0S			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 xD ₂ /D ₁ xL 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	504053804	6x10,04x49	G
		EX	V1698	504081062	32,4x6x119,9	60	3	VV335.1 VV335.2		+0,03 +0,23	A
								VV335	504053804	6x10,04x49	G
								VV335.1 VV335.2		+0,03 +0,23	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		IN	V1995		32,6x6x106,2	60	1				
		EX	V1996		29x6x106,7	45	1				
ENG. 4B/4BT 3.9 TD D357T 3922ccm 81kw(110PS)	102 4	IN	V527	3920867 3802355	45x8x129,1	60	18				
			V527N5 V527N6		+0,2d +0,4d						
Eng. 6B/6BT 5.9 TD 5880ccm 108kw(147PS)	102 6	EX	V528	3920868 3901607	42x8x129,1	45	1				
			V528N5 V528N6		+0,2d +0,4d						
Eng. 6C 8.3 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				
Eng. 6CT 8.3 Euro 2 8270ccm 127/274kw(172/372PS)											

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
CUMMINS												
ENG. NH230 , 230B , 250 ENG. NH250 B/C/P ENG. NHC250 ENG. NHD230 ENG. NHE220 , 225 , 225B E NG. NHF 240 , 265 ENG. NHH 250 ENG. NH CT ENG. NTCC 250S, 290 , 350 Big Cam Engines ENG. NHCT-CT/270 ENG. NTC 270 CT/E, 290 Power Torque 270 ENG. Formula 230, 250, 290, 350 ENG. NT 270, 280, 300, 310, 335, 400 ENG. NTA 370, 400, 420 ENG. NTC 230, 250, 280, 335, 350, 400 ENG. NTCC 400, NTF 365 ENG. N 927 Power Torque 300, 330 Super 250/B 270 9640ccm 147kw(200PS)	60→	139,7 6	IN	V410A	135 957	47,5x11,5x179,5	60	2	VV26	3006456	11,5x19,1x86,1	G A
			EX	V410	145 701	47,5x11,5x179,5	60	2	VV26	3006456	11,5x19,1x86,1	G A
ENG. NTA 380 14011ccm	60→	139,7 6	IN	V410	145701 3040830	47,5x11,5x179,5	60	2	VV26	3006456	11,5x19,1x86,1	G A
ENG. V/VT/TA 1710 23171ccm	60→	139,7 V-12	EX	V410	145701 3040830	47,5x11,5x179,5	60	2	VV26	3006456	11,5x19,1x86,1	G A
Eng. 1SC 24V TD 8300ccm		6	IN	V1877	3942588 3800340	38x8x137,8	60	1	VV582		8x14x49,5	G A
			EX	V1878	3942589 3800341	38x8x137,8	45	1	VV582		8x14x49,5	G A
Eng. 5.9 ISB TD 24V 5900ccm		6	IN	V1297 V1297N1 V1297N2 V1297N5	3940735	33x7x124,7 +0,5S +0,8S +0,2d	60	1				
			EX	V1298 V1298N1 V1298N2 V1298N5	3940734	33x7x124,3 +0,5S +0,8S +0,2d	45	1				

NEW

1	2	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
CUMMINS													
G Series 3900ccm G3.9/G5.9B 5900ccm NEW	06→	6		IN	V2259	3802659 3922714	45,1x8x129,2	70	1				
				EX	V2260	3802658 3922713	42x8x129,1	70	1				
Eng. ISX NEW				IN	V2257	4965868	47,6x9,6x216	70	1				
				EX	V2258	4101454	45,5x9,6x223,8	45	1				
C SERIES GAS-EPG NEW		6		IN	V2261	3802813 3927254	52x9,5x151	70	11				
				EX	V2262	3802812 3927255	46x9,5x150,9	70	1				
Eng. G14-GTA 855 GAS 14000ccm NEW	12→	6		IN	V2263	3394112	47,6x11,5x200,2	70	2				
				EX	V2263	3394112	47,6x11,5x200,2	70	2				
ENG. "K" Series Model KTA, KT 1150 5760ccm 88kw(120PS)		159 6/12		IN	V477	207241 3088393	56,3x12,6x191,8	60	5	VV25	3018818	12,6x21,5x96,5	G A1
				EX	V478	3035110 3088391	56,3x12,6x191,8	60	5	VV25	3018818	12,6x21,5x96,5	G A1
DACIA													
Sandero 1.2i 16V Eng. D4F – Renault 1149ccm 55kw(75PS)	08→	69 4		IN	V1165	7701 472 986	26x5,5x110,7	45	3	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
				EX	V1166	7701 473 004	22x5,5x112,5	45	3	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
Dokker 1.2 Eng. H5F 1200ccm NEW	13→	4		IN	V2131	132017322R	26,5x5,5x100,9	45	3				
				EX	V2132	132027223R	23,5x5,5x101,7	45	3				

1	2	3	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE		
														4	5
DACIA															
Dacia 1310 Sedan Eng. 810-02/99 1289ccm 40kw(54PS)	83→	73 4	IN	V581	7701 458 180	33,4x7x89,8	45	1	VV122	0710 939 000	7x11,14x41,5	G	A		
									VV122.1						
									VV122.2					0710 941 000	+0,10
									VV122.3					0710 941 100	+0,20
EX	V582	7701 460 690	28,9x7x88,8	45	2	VV122	0710 939 000	7x11,14x41,5	G	A					
						VV122.1									
						VV122.2					0710 941 000	+0,10			
						VV122.3					0710 941 100	+0,20			
Logan 1.4i Sandero 1.4i Solenza 1.4i Eng. E7J, K7J 1390ccm 55/59kw(75/80PS)	04→ 08→ 03→	75,8 4	IN	V673	7700 273 371	37,6x7x107,8	60	1	VV203	7700 273 371	7x12,06x42	B	F		
									VV203.1						
									EX					V674	7701 465 090
VV204.1															
Logan 1.6i Sandero 1.6i Eng. K7M 1598ccm 55/64/66kw(75/87/90PS)	04→ 08→	79,5 4	IN	V673	7700 273 371	37,6x7x107,8	60	1	VV203	7700 273 371	7x12,06x42	B	F		
									VV203.1						
									EX					V674	7701 465 090
VV204.1															
Logan 1.4i 16V Eng. K4J – Renault 1390ccm 70/72kw(95/98PS)	99→	79,5 4	IN	V1013	7701 471 378	32,7x5,5x109,3	45	1	VV249	7700 109 151	5,5x11,08x40,6	B	A		
									VV249.1						
									VV249.2						
Logan 1.6 16V Eng. K4M.690 – Renault 1598ccm 79kw(107PS)	04→	79,5 4	EX	V1014	7701 471 379	28x5,5x107,6	45	1	VV249	7700 109 151	5,5x11,08x40,6	B	A		
									VV249.1						
									VV249.2						
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	7701 473 184	6x11,07x40,5	B	F		
									VV319.1						
									VV319N						
									VV319.1						
EX	V980	7701 473 183	28,9x6x100,8	45	3	VV319	7701 473 183	6x11,07x40,5	B	F					
						VV319.1									
						VV319N									
						VV319N									

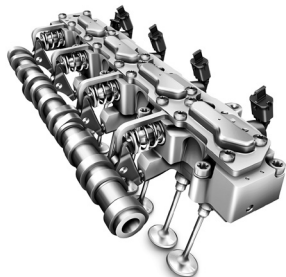
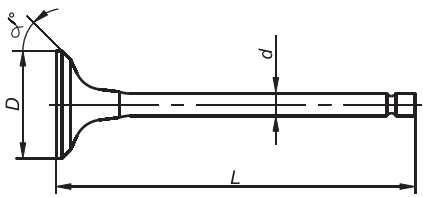
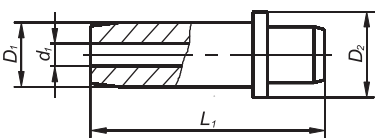
1	2	3	CYL. Ø N _o	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
														4
DACIA DIESEL														
Solenza 1.9D Eng. FQ600 1870ccm 44/48kw(60/65PS)	03→	80	IN	V837	7701 468 035	35,2x8x111,6	45	1		VV146		8x13,06x39	B	
		4	IN	V885	7701 469 369	35x8x110	45	1		VV146.1		+0,05	F	
				IN	V855 V855N3	7701 465 107	36,1x8x111,7 +1,0S	60	1		VV146.2		+0,20	
Solenza 1.9D Eng. FQ636 1870ccm 45kw(63PS)	03→		EX	V856	7701 462 814	31,6x8x111,3	45	1		VV146		8x13,06x39	B	
			EX	V856N3		+1,0S				VV146.1		+0,05	F	
			EX	V886	7701 469 373	31,3x8x109,8	45	1		VV146.2		+0,20		
DAEWOO „see” CHEVROLET														
DAF														
Daf 55 1.1 Daf 66 1.1 Eng. 680 02/13 1108ccm 25/33kw(34/45PS)	67-75	70	IN	V581	7701 458 180	33,4x7x89,8	45	1		VV122	0710 939 000	7x11,14x41,5	G	
		4								VV122.1		+0,05	A	
										VV122.2	0710 941 000	+0,10		
										VV122.3	0710 941 100	+0,20		
Daf 66 1.3 Eng. 810 03/29 1289ccm 29/40kw(40/54PS)	73-75	73	EX	V582	7701 460 690	28,9x7x88,8	45	2		VV122	0710 939 000	7x11,14x41,5	G	
		4								VV122.1		+0,05	A	
										VV122.2	0710 941 000	+0,10		
										VV122.3	0710 941 100	+0,20		
DAF DIESEL														
LF 45. 130/150/170/180/220 3920ccm LF 55. 220/250 5880ccm	02→	71	IN	V1297	1404919	33x7x124,7	60	1		VV311		7x12,07x50,5	G	
		4		V1297N1		+0,5S				VV311N		+0,05	B	
				V1297N2		+0,8S								
				V1297N5		+0,2d								
		02→	71	EX	V1298	1404918	33x7x124,3	45	1		VV311		7x12,07x50,5	G
			6		V1298N1		+0,5S				VV311N		+0,05	B
				V1298N2		+0,8S								
				V1298N5		+0,2d								

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
DAF DIESEL													
Series 400 12V Eng. DJ5T	96→	92 4	IN	V1121	96095457	36,9x7x127,9	45	3	VV246	0220.93	7x13,06x54	B	
				V1121N1		+0,5S			VV246.1		+0,20	F	
				V1121N3		+1,0S							
				V955	96180328	41x7x115,7	45	3	VV291	0220.94	7x13,06x43,1	B	
Series 400 2.5D Eng. EN55/XD3P 2498ccm 52/58kw(70/79PS)	87→93	94 4	IN	V793	0948.49 0948.53	42,5x8,5x116	45	1	VV219	0220.16	8,5x14,05x55	G	
				VV219.1		+0,05			VV219.2		+0,10	A	
				VV219.3		+0,20			0220.19		+0,20		
				V794	0949.50	35,5x8,5x116,3	45	1	VV219	0220.16	8,5x14,05x55	G	
Series 400 2.5TD Eng. ET70/XD3T 2498ccm 66/71kw(90/96PS)	87→93	EX	V794	0949.50	35,5x8,5x116,3	45	1	VV219	0220.16	8,5x14,05x55	G		
			VV219.1		+0,05			VV219.2		+0,10	A		
			VV219.3		+0,20			0220.19		+0,20			
			V1169	286 292	44x10x142,4	60	1	VV270	752299	10x16,03x68	G		
ENG. DNT/DNS 620 Turbo Series 1300, 1700, 1900 6329ccm 132/156kw(180/212PS)	87→	104,2 6	IN	V1170	286 291	40x10x142,4	60	1	VV270	752299	10x16,03x68	G	
				V1169	286 292	44x10x142,4	60	1	VV270	752299	10x16,03x68	F	
ENG. H825, S825 Series F2505 8.3 12V 8250ccm 184kw(250PS)	89→	118 4	IN	V1711	394838	50x10x157,9	60	1	VV471	557284	10x16,05x79	G	
				V1712	394839	45,5x10x157,9	60	1	VV471	557284	10x16,05x79	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	92→ 92→97 92→97	92 92 92	EX	V1712	394839	45,5x10x157,9	60	1	VV471	557284	10x16,05x79	G	
				V1711	394838	50x10x157,9	60	1	VV471	557284	10x16,05x79	A	
				V1712	394839	45,5x10x157,9	60	1	VV471	557284	10x16,05x79	G	
				V1711	394838	50x10x157,9	60	1	VV471	557284	10x16,05x79	A	
				V1712	394839	45,5x10x157,9	60	1	VV471	557284	10x16,05x79	A	

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
														4
DAF DIESEL														
CF 75.310/360 9.2 12V 9200ccm	04→	118 6	IN	IN	V1713	1345509	40,5x9x158	70	1	VV472	1313683	9x15,05x77	G A	
				EX	V1714	1352127	37x9x154,4	45	1	VV472	1313683	9x15,05x77	G A	
Serie AT 2400 Eng. DKA, DKL 1160 Serie AT 2400 FA Eng. DKB 1160 Serie FA, FAT 2600 Eng. DKT 1160 Serie FA, FAT 2800 Eng. DKS 1160 Turbo 11630ccm	69→76	130 6	IN	IN	V2169	267356	55x11x152	60	1	VV570	655401 368893	11x17,51x70,2	G A	
	69→76			EX	V2170	267357	48x11x150	60	1	VV570	655401 368893	11x17,51x70,2	G A	
	73→													
	73→													
ENG. DKV 1160 ENG. DKXE 1160 Turbo FA 2805/3300 11630ccm	81→	130 4	IN	IN	V1289	266 305	54,9x11x175	60	1	VV224	0266 425	11x17,55x75	G A2	
	81→			212kw(288PS)	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	84→88	130 4	IN	IN	V1289	266 305	54,9x11x175	60	1	VV224	0266 425	11x17,55x75	G A2	
				260kw(354PS)	EX	V1290	266 306	49,9x11x175	60	1	VV224	0266 425	11x17,55x75	G A2
ENG. DKZ 1160 Turbo FAS 3603 FA/FT 3605 FAD/FAT 3625 11630ccm	84→88	130 6	IN	IN	V1359*	1342220	45,5x9x163,8	70	1	VV325	1313683	9x15,04x76,5	G A	
				250kw(340PS)	EX	V1360*	1362696	42,5x9x158,8	45	1	VV325	1313683	9x15,04x76,5	G A
85 CF 24V 95 CF 24V Eng. XF Euro2/Euro3 12580ccm	98→	130 6	IN	IN	V1359*	1342220	45,5x9x163,8	70	1	VV325	1313683	9x15,04x76,5	G A	
	98→			250kw(340PS)	EX	V1360*	1362696	42,5x9x158,8	45	1	VV325	1313683	9x15,04x76,5	G A
										VV472	1313683	9x15,05x77	G A	
										VV472	1313683	9x15,05x77	G A	

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
DAF DIESEL													
XF 250 M4V Euro 2 XF 315 M4V Euro 2 XF 355 M4V Euro 2 12583ccm	04→	130	6	IN	V1865	1307654	45,5x9x163,8	60	1	VV472	1313683	9x15,05x77	G A
				EX	V1866	1327029	42,5x9x158,8	60	1	VV472	1313683	9x15,05x77	G A
85 CF 430 24V 95 XF 430 24V Eng. XF Euro2/Euro3 12580ccm	04→	130	6	IN	V1421* * Retainer s.e. 8,9 mm	1603846	45,5x9x163,7	70	1	VV325	1313683	9x15,04x76,5	G A
315kw(428PS)				EX	V1360* * Retainer s.e. 7 mm	1362696	42,5x9x158,8	45	1	VV325	1313683	9x15,04x76,5	G A
										VV472		9x15,05x77	G A
ENG. CF 85FA 85.410 ENG. CF 85FAC 85.410, FAX 85.410 ENG. CF 85FAD 85.410 ENG. CF 85FAG 85.410, FAN 85.410 ENG. CF 85FAR 85.410, FAS 85.410 ENG. CF 85FAT 85.410 ENG. CF 85FT 85.410 ENG. CF 85FTG 85.410 ENG. CF 85FTR 85.410, FTS 85.410, FTP 85.410 ENG. CF 85FTT 85.410 ENG. XF 105FA 105.410 ENG. XF 105FAD 105.410 ENG. XF 105FAK 105.410 ENG. XF 105FAK 105.410 ENG. XF 105FAT 105.410 ENG. XF 105FTM 105.410 ENG. XF 105FTS 105.410, FTR 105.410, FTG 105.410 12900ccm	06→ 05→ 05→ 05→	130	6	IN	V1985	1684513	45,5x10x169,4	70	1	VV575		10x16,04x74	G F
				EX	V1986	1678541	42,5x10x168,6	60	1	VV575		10x16,04x74	G F
Eng. MX13 Euro 6 12900ccm NEW	14→	6		IN	V2363	1912976	44x10x169,8	70	1				
				EX	V2364	1741505	41x10x169,6	60	1				

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

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

DAIHATSU

Charade 1.3 16V Terios 1.3 16V Eng. HCE, K3-VE 1390ccm 63kw(86PS)	88→ 00→	76 4	IN	V1433	13711-87103 13711-87104	30x6,6x112,8	45	1				
Applause 1.6 16V Charade 1.6 16V Feroza 1.6 16V Rocki 1.6 16V Eng. HDE 1589ccm 69kw(94PS)	99→ 98→ 98→ 99→		EX	V1434	13715-87106 13715-87105	26x6,6x114,5	45	1				
Charmant 1500 Eng. 3A - Toyota 1452ccm 59kw(80PS)	81→	77,5 4	IN	V1523	13711-15010	36x7x106,7	45	8				
			EX	V1524	13715-15010	31x7x106,7	45	8				
Delta 2.0D Eng. 2C 1974ccm 53kw(72PS)	93→	86 4	IN	V1345	13711-64030 13711-64020	38,5x8x105,6	45	1	VV371	11122-64010	8x13,04x46	G P
Delta 2.0TD Eng. 2C-T 1974ccm 61/67kw(83/91PS)	83-93		EX	V1482	13715-64030 13715-64040	32,4x8x105,3	45	1	VV372	11126-64030	8x13,04x50	G P
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	V1347	13711-87704	36x7x105	45	1	VV531 VV531N	550-610-301	7x12,06x45 +0,05	G A
			EX	V1348	13715-87703	32x7x105	45	1	VV531 VV531N	550-610-301	7x12,06x45 +0,05	G A
Sharade 1.0TD Eng. CL-T 993ccm	83→	76 4	IN	V1305	13711-87706	34x7x105	45	1				
			EX	V1306	13715-87705	30x7x105	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
DONG FENG											
Truck 5900ccm NEW	6	IN	V1297 V1297N1 V1297N2 V1297N5	3940735	33x7x124,7 +0,5S +0,8S +0,2d	60	1	VV311 VV311N		7x12,07x50,5 +0,05	G B
		EX	V1298 V1298N1 V1298N2 V1298N5	3940734	33x7x124,3 +0,5S +0,8S +0,2d	45	1	VV311 VV311N		7x12,07x50,5 +0,05	G B
FAMOS											
ENG. F/FF/F...A	112 6	IN	V15 V15N3	5116 0006 2	49x11x162 +1,0S	45	5	VV05 VV05.2	5212 0027 0 5212 0049 0	11x18,03x88 +0,20	G A36
		EX	V16 V16N3	5116 0002 0	41x11x162 +1,0S	45	5	VV05 VV05.2	5212 0027 0 5212 0049 0	11x18,03x88 +0,20	G A36
ENG. 2F...A	123 6	IN	V33 V33N1 V33N2 V33N3	5116 0007 0	52x11x159 +0,5S +0,8S +1,0S	45	5	VV05 VV05.2	5212 0027 0 5212 0049 0	11x18,03x88 +0,20	G A36
		EX	V69 V69N1 V69N2 V69N3	5116 0003 0	43x11x159 +0,5S +0,8S +1,0S	45	5	VV05 VV05.2	5212 0027 0 5212 0049 0	11x18,03x88 +0,20	G A36
ENG. 2FP...A ENG. 2F...B ENG. 2FP...B	125 6	IN	V154 V154N1 V154N2	5116 0008 0	52x11x159 +0,5S +0,8S	45	5	VV05 VV05.2	5212 0027 0 5212 0049 0	11x18,03x88 +0,20	G A36
		EX	V155 V155N1 V155N2	5116 0003 1	43x11x159 +0,5S +0,8S	45	5	VV05 VV05.2	5212 0027 0 5212 0049 0	11x18,03x88 +0,20	G A36
ENG. NFT	125 6	IN	V368	5116 0068 0	53x11x159	60	5	VV05	5212 0027 0	11x18,03x88	G
		IN	V368A		53x11x159	45	5	VV05.2	5212 0049 0	+0,20	A36
		EX	V369	5116 0063 0	45x11x159	45	5	VV05 VV05.2	5212 0027 0 5212 0049 0	11x18,03x88 +0,20	G A36

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
														4
FENDT														
Former 2/2D/2DE/2S/3S/4S Favorit 3 Eng. D208-3, D208-4 Eng. D225-3/D225-4, D225-6 Former 5S, 120S, 103, 103S, 105, 105S Favorit 3S, 4, 4S, 4SA Eng. D226-3/D226-4, D226-3, D226-4, D226-6 Eng. D3 226-3.2, D3 226-6.2	IN	V687	630804600014 F238200210040	38x9x117	45	3	VV532	630503320034	9x15,05x58	G	G			
														V687N3
	EX	V688	620704603014 F238200210030	35x9x117	45	3	VV532	630503320034	9x15,05x58	G	G			
FIAT														
600D Multipla 60-71 600E-750 Eng. 100D 767ccm 17kw(23PS)	IN	V01	4 064 701 4 132 958	25,5x7x92,2	45	5	VV184 VV184.1	880 911	7x13,02x42 +0,07	G	A1			
														EX
850 Sport Coupe 0.9 68-73 Eng. A112 903ccm 38kw(52PS)	IN	V257	4 265 695 5 959 564	29x7x95,3	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G	F			
														EX
900 Nuova 0.9 68→ Eng. 100G BC 896ccm 38kw(52PS)	IN	V257	4 265 695 5 959 564	29x7x95,3	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G	F			
														EX
127/127 Specijal 0.9 74-82 Eng. 100GL 064	IN	V257	4 265 695 5 959 564	29x7x95,3	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G	F			
														EX
Panda 45/45 Specijal 0.9 80→ Eng. 100GL 3.C.0	IN	V257	4 265 695 5 959 564	29x7x95,3	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G	F			
														EX
Uno 45 S/SL 0.9 86-90 900E-Fiorino 0.9 86-90 Eng. 146.A.000 903ccm 33/35kw(45/47PS)	IN	V257	4 265 695 5 959 564	29x7x95,3	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G	F			
														EX
Cinquecento 900i.e. 0.9 91-98 Panda 900i.e. 0.9 92-00 Seiecento 900i.e. 0.9 98-00 Eng. 170.A1.046/170.A1.000 899ccm 29/31kw(40/42PS)	IN	V257	4 265 695 5 959 564	29x7x95,3	45	1	VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699	7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G	F			
														EX

1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Panda 4x4 1.0 Eng. A112A 965ccm 35kw(47PS)	86→90	67,2 4	IN	V257 4 265 695 5 959 564	29x7x95,3	45	1	VV70 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 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								
Tipo 1.1 Uno 60 1100 R/89 1.1 Eng. 156 A3.000 Fire	88→ 89→										
Panda 1.1ie Panda 1.1ie/4x4 Eng. 160 A3.000 Fire 1108ccm 41/42kw(55/57PS)	86→ 86→										
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→										

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
FIAT													
Punto 55 S/SX 1.1	97-99	70	IN	V1079	7 770 334	31,5x7x97,1	45	1	VV70	4 265 699	7x13,01x42,5	G	
Seicento SPI 1.1L	98→	4			46436048				VV70.1	4 372 331	+0,05	F	
Cinquecento 1.1	94→								VV70.2	4 372 332	+0,10		
Eng. 176 B2.000									VV70.3	4 265 700	+0,20		
Nuova Panda 1.1	03→								VV70.4	4 372 333	+0,25		
Eng. 187 A1.000													
1108ccm	40kw(55PS)		EX	V732	7 666 227	27,5x7x97,2	45	1	VV70	4 265 699	7x13,01x42,5	G	
					46514754				VV70.1	4 372 331	+0,05	F	
Punto 75 S/SX 1.2	93→	70,8							VV70.2	4 372 332	+0,10		
Punto 75 EL/ELX 1.2	93→	4							VV70.3	4 265 700	+0,20		
Doblo 1.2	00→								VV70.4	4 372 333	+0,25		
Strada 1.2	00→												
Eng. 176 A8.000/188 A4.000													
Palio Weekend 1.2	97→												
Siena 1.2	97→												
Eng. 178 B5.000													
1242ccm	54kw(73PS)												
Bravo, Brava 1.2 16V	95→	70,8	IN	V1007*	46403681	26,9x6x95,2	45	3	VV259	46441525	6x10,04x39,7	G	
Marea 1.2 16V	99→	4		* Retainer	s.e. 7,8 mm				VV259.1	73500256	+0,03	F	
Strada 1.2 16V	99→								VV259.2	73500257	+0,23		
Eng. 182 B2.000/176 B9.000													
1242ccm	60kw(82PS)		EX	V1008*	46471639	22,4x6x96	45	3	VV259	46441525	6x10,04x39,7	G	
				* Retainer	s.e. 7,8 mm				VV259.1	73500256	+0,03	F	
Punto 85/85 Cabrio 1.2 16V	97→								VV259.2	73500257	+0,23		
Palio 75 Weekend 1.2 16V	97→												
Eng. 176.B9.000													
1242ccm	54kw(73PS)												
500 1.2 8V	07→	70,8	IN	V1621	55194219	33,2x5x99,9	45	3	VV377	55190559	5x10,06x44	G	
Eng. 169 A4.000		4			55229143				VV377.1		+0,03	F	
1242ccm									VV377.2	55190560	+0,23		
			EX	V1622	55200422	28x5x100,5	45	3	VV377	55190559	5x10,06x44	G	
					55229144				VV377.1		+0,03	F	
									VV377.2	55190560	+0,23		

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

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
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	55190559	5x10,06x44	G		
Eng. 199 A4.000 1242ccm 48kw(65PS)	72	EX	V1622	55200422	28x5x100,5	45	3	VV377	55190559	5x10,06x44	G		
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	IN	V2055	55198341	33,2x5x99,9	60	3	VV377	55190559	5x10,06x44	G		
Grande Punto 1.4i.e. 06→ Eng. 199 A7.000 1368ccm 88kw(120PS)	72	EX	V2056	55198342 Natural Power Engine	28x5x100,5	60	3	VV377	55190559	5x10,06x44	G		
Eng. 199 A7.000 1368ccm 88kw(120PS)	72	EX	V2056	55198342 Natural Power Engine	28x5x100,5	60	3	VV377.2	55190560	+0,23			
Panda 1.1i.e. 95→ Seicento 1.1i.e. 04→ Eng. 176 B2.000 / 187 A1.000 1108ccm 40kw(54PS)	70,8 4	IN	V1555	55194993	31,9x5x98,4	45	3	VV377	55190559	5x10,06x44	G		
Eng. 176 B2.000 / 187 A1.000 1108ccm 40kw(54PS)	70,8	EX	V1556	55194994	27,3x5x98,7	45	3	VV377	55190559	5x10,06x44	G		
Doblo 1.2i.e. 01→ Palio Weekend 1.2i.e. 01→ Panda 1.2i.e. 03→	70,8 4	IN	V2057	55194246	31,9x5x98,4	60	3	VV377	55190559	5x10,06x44	G		
Punto 1.2i.e. 99→ Strada 1.2i.e. 03→ Eng. 188 A4.000 / 223 A5.000 1242ccm 44/48kw(60/65PS)	70,8	EX	V2058	55194247 Natural Power Engine	27,3x5x98,7	60	3	VV377.2	55190560	+0,23			
Eng. 188 A4.000 / 223 A5.000 1242ccm 44/48kw(60/65PS)	70,8	EX	V2058	55194247 Natural Power Engine	27,3x5x98,7	60	3	VV377	55190559	5x10,06x44	G		
Eng. 188 A4.000 / 223 A5.000 1242ccm 44/48kw(60/65PS)	70,8	EX	V2058	55194247 Natural Power Engine	27,3x5x98,7	60	3	VV377.2	55190560	+0,23			
Eng. 188 A4.000 / 223 A5.000 1242ccm 44/48kw(60/65PS)	70,8	EX	V2058	55194247 Natural Power Engine	27,3x5x98,7	60	3	VV533	BRONZE VERSION	5x10,06x44	B		

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE					
														4	5	6	7	8
FIAT																		
500 1.4 16V Eng. 169 A3.000	07→	72	IN	V1451* * Retainer	55185028 s.e. 2,5 mm	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 Bravo 1.4 Turbo 16V Eng. 198.A1.000 Eng. 198.A4.000	08→		EX	V1452* * Retainer	55185080 s.e. 2,5 mm	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→								VV259	46441525	6x10,04x39,7	G						
									VV259.1	73500256	+0,03	F						
									VV259.2	73500257	+0,23							
Doblo 1.4 GPL Eng. 198 A4.000 1368ccm	10→	72	IN	V2021	55225886	26,8x6x95,2	60	3	VV259	46441525	6x10,04x39,7	G						
									VV259.1	73500256	+0,03	F						
		4	EX	V2022	55225887	23x6x94,9	60	3	VV259	46441525	6x10,04x39,7	G						
									VV259.1	73500256	+0,03	F						
		VV259.2	73500257	+0,23														
		126 650 Personal Eng. 126 A1.000 650ccm 18kw(24PS)	78→	77	IN	V539	4 379 986	33x8x115,3	45	9								
2	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	IN	V1471	71742050	30x5,5x101	45	1	VV394	11115-54G00-001	5,5x10,61x40	G F6						
									4	EX	V1472	71747245	25x5,5x99	45	1	VV394	11115-54G00-001	5,5x10,61x40
Stilo PDA 1.6i.e. 16V Eng. 192 B3.000 1598ccm 74/77kw(101/105PS)	05→	79	IN	V1429	55557862	31,2x5x117,2	45	3	VV223							9158589	5x10,04x39	G
									4	EX	V1430	71739797	27,5x5x116,2	45	3	VV223.1		+0,03
																VV223	9158589	5x10,04x39
															VV223.1		+0,03	F

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
FIAT													
131 Mirafiori 1.1 Eng. M201 GA 11A	76→	80	4	IN	V152	4 239 917 5 999 660	36x8x108,5	45	1	VV273 VV273.1 VV273.2	4 250 801 4 371 508 4 250 802	8x14,06x42 +0,03 +0,18	G F
128 Specijal 1.1 128 Sport 1.1 Eng. 128 A.000 1116ccm	74→ 71-79			EX	V153	4 315 062 4 314 869 5 973 128	31x8x109	45	1	VV273 VV273.1 VV273.2	4 250 801 4 371 508 4 250 802	8x14,06x42 +0,03 +0,18	G F
Regata 60 1.1 Ritmo 60/60S 1.1 Nuovo Ritmo E.S. 1.1 Strada 1.1 Uno 55 1.1 Eng. 138 B.000 1116ccm	78-80 78-80 83-85 83-88 78-85												
Ritmo 50 CL 1.1 Ritmo 60L/CL 1.1 Uno 60 1.1 Uno 60 S/SL 1.1 Eng. 146 A4.000 1116ccm	86→ 85→ 85-86 86→												
Fiorino B 1.4i.e. Tempra 1.4i.e. Tipo 1.4i.e. Eng. 160 A1.000	88-01 90-92 88→	80,5	4	IN	V411	7 609 772 46531590	37,5x8x108,5	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Uno 70i.e. R/89 Eng. 146 C1.000	89→			EX	V412	5 973 128 4 315 062	31x8x109	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Tempra SX, SW Fiorino 1.4 Uno, Punto 1.4 Eng. 159 A2.000 1372ccm	90→ 95→												
Scudo 1.6i.e. Eng. 220 A2.000 1581ccm	96→	86,4	4										

1	2	3	4	5	6	7	8	9	10	11	12
FIAT											
Uno 1.3i.e.Turbo 85→ Eng. 146 A2.000 / 146 A2.146 1301ccm 77kw(105PS)	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 89→ Eng. 146 A8.046 1372ccm 74/85kw(100/115PS)		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 93→ Eng. 176 A4.000 / 176 B6.000 1372ccm 100kw(136PS)											
500 0.9 Twin Air 12→ Eng. 199 B6.000	80,5 2	IN	V2023	55229666	30,15x5x95,5	45	3				
Panda 0.9 Twin Air Eng. 312.A4.000 Eng. 312.A2.000 875ccm		EX	V2024	55231897	25,4x5x95,3	45	3				
Marea 1.6ie 16V 99→ Palio 1.6ie 16V 99-04 Stilo 1.6ie 16V 01→ Multipla 1.6ie 16V 99-04 Bipower/Blupower Eng. 182 B6.000 103CW	80,5 4	IN	V825	46761369 46517325 55192067	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	
Doblo 1.6ie 16V 01-04 Bipower/Natural Power Eng. 182 B6.000 1596ccm		EX	V826	46761370 46461209 55196738	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	
Croma 1.8 16V 06→ Bravo 1.8 16V 07→ Eng. 939 A4.000 1796ccm 103kw(140PS)	80,5 4	IN	V1611	55557741	31,2x5x113,9	45	3	VV390	71739771	5x10,04x37	G
								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	

1	2	3	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											
														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	95→	82	IN	V727	7 712 114	30,3x7x110,4	45	1		VV70	4 265 699	7x13,01x42,5	G											
	95→	4								VV70.1	4 372 331	+0,05	F											
	96→									VV70.2	4 372 332	+0,10												
										VV70.3	4 265 700	+0,20												
59kw(80PS) 1369ccm			EX	V728	46413334	35,5x7x110,4	45	1		VV70	4 265 699	7x13,01x42,5	G											
										VV70.1	4 372 331	+0,05	F											
										VV70.2	4 372 332	+0,10												
										VV70.3	4 265 700	+0,20												
										VV70.4	4 372 333	+0,25												
Bravo 1.8i.e. 16V Brava 1.8i.e. 16V Marea 1.8i.e. 16V Punto 1.8i.e. 16V Eng. 182 A2.000 1747ccm	95→	82	IN	V729	7 766 564	33,5x7x113	45	3		VV70	4 265 699	7x13,01x42,5	G											
	95→	4								VV70.1	4 372 331	+0,05	F											
	96→									VV70.2	4 372 332	+0,10												
	96→									VV70.3	4 265 700	+0,20												
83kw(113PS) 1747ccm			EX	V730	7 766 565	28x7x108,4	45	3		VV70.4	4 372 333	+0,25												
					60674406					VV70	4 265 699	7x13,01x42,5	G											
					60811153					VV70.1	4 372 331	+0,05	F											
					60811154					VV70.2	4 372 332	+0,10												
										VV70.3	4 265 700	+0,20												
										VV70.4	4 372 333	+0,25												
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	98→																							
	95→																							
	98→																							
	01→																							
96kw(131PS) 1747ccm										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	98-00	82																						
	98-00	5																						
	99→																							
110/113kw(150/154PS) 1998ccm																								
Stilo 2.4 20V Eng. 182 192 A2.000 1998ccm	01→	83																						
		5																						
110/113kw(150/154PS) 1998ccm																								

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

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
FIAT												
131 CL/Super 1.6	80-85	84	IN	V945	4 440 061	43,5x8x105,6	45	1	VV273	4 250 801	8x14,06x42	G
Eng. 131 C2.000		4			7 547 400				VV273.1	4 371 508	+0,03	F
1585ccm	63kw(85PS)				46406169				VV273.2	4 250 802	+0,18	
Regata, Ritmo 1.6	86→		EX	V946	5 975 341	36,2x8x105,9	45	1	VV273	4 250 801	8x14,06x42	G
Ritmo 100 S 1.6	85→				5 973 041				VV273.1	4 371 508	+0,03	F
Eng. 149 A2/A4.000					7 597 080				VV273.2	4 250 802	+0,18	
1585ccm	77kw(105PS)											
Ritmo 100S 1.6	85-86											
Ritmo 105 TC 1.6	85→											
Nuova Ritmo 105 TC 1.6	85→											
Tipo i.e. 1.6	88→											
Eng. 138 A8.000												
1585ccm	66kw(90PS)											
Tipo 1.8i.e.GT	90→											
Tempra 1.8i.e.SX	90→											
Eng. 159 A4.000												
1756ccm	79/81kw(107/110PS)											
Tipo, Tempra 2.0i.e.	90→											
Tempra 2.0i.e.4x4	92→											
Eng. 159 A6.046												
1995ccm	85/88kw(115/120PS)											
Croma 2.0i.e.	86→											
Eng. 834 B.000												
Croma 2.0 CHT	86→											
Eng. 154 A1.000												
1995ccm	66/89kw(90/120PS)											
Nuova Ritmo 125 TC 2.0	81→											
Ritmo 130 TC 2.0	80→											
Nuova Ritmo 130 TC 2.0	81→											
Eng. 138 AR1/AR2.000												
1995ccm	66kw(90PS)											
Croma 2.0i.e. Turbo	85→											
Eng. 154.A2.000/M601DT.20.C												
1995ccm	114kw(154PS)											

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE							
														4	5	6	7	8	9	10
FIAT																				
Tipo 1.8i.e. 16V 90→ Eng. 160 A5.000 1756ccm 101kw(138PS)	84	IN	4	V705	7 574 739	7 722 907	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 93→ Croma 2.0i.e. 16V 92→ Coupe 2.0i.e. 16V 93→ Eng. 836 A3.000/154 E1.000 1995ccm 104/143kw(142/195PS)	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 93→ Eng. 175 A1.000 1995ccm 140kw(190PS)																				
Ducato 10 1800 81→ Eng. XM7/P Peugeot 1796ccm 54kw(73PS)	84	IN	4	V593	0948.33	0948.55	42,6x8x118,6	60	1											
										EX	V594	0949.56	0949.27	35,5x8x112,2	45	1				
Ducato 13 2000 81→ Talento 2000 90→ Eng. XN1, XN1P/T, XNA Peugeot 1971ccm 68kw(92PS)	88		4																	
Ulysse 2.0 16V 00→ Scudo 2.0 16V Eng. EW10J4 – RFN Engine Peugeot 1997ccm 100kw(136PS)	85	IN	4	V1091	96239503	0948.99	33,3x6x106,2	45	1	VV449		6x12,07x40,8	B							
										EX	V1092	96360017	0949.99	28,9x6x103,6	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 77→ 128 Specijal 1.3 74→ X 1/9 1.3 73→ Eng. 128 A.000 1290ccm 44/49/55kw(60/67/75PS)	86	IN	4	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								
										VV69.4	4 372 162	+0,23								
Regata 70/70 Super 1.3 78→ Regata 75 1.3 81-82 Ritmo Super 75 1.3 81-82 Eng. 128 A3.000 1301ccm 48/55kw(65/75PS)	86,4	EX	4	V153	4 315 062	4 314 869	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								

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 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
Nuovo Ritmo 70/70S 1.3 Strada 65/70 1.3 Uno 70/70 SX 1.3 Eng. 138 B2.000	78→ 78→ 83→		EX	V153 4 315 062 4 314 869 5 973 128	31x8x109	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Ritmo 70 CL 1.3 Eng. 149 A7.003 1301ccm 48/51kw(65/70PS)	83→		EX	V153 4 315 062 4 314 869 5 973 128	31x8x109	45	1	VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F
Ritmo 75 Super 1.5 Eng. 138 A2.000 1499ccm 63kw(86PS)	81-85										
Punto 1.6 i.e. Eng. 176 A9.000 1581ccm 65kw(88PS)	94-97										
Ducato 10/14 2.0i Ulysse 2.0i Eng. XU10J2C OHC	95→ 94→	86 4	IN	V997 96059361	42,6x8x108,8	45	3	VV239 VV239.1 VV239.2		8x13,08x43,6 +0,05 +0,20	B F
Ulysse 2.0 Turbo Eng. XU10J2CTE/RGH 1998ccm 89/108kw(121/141PS)	94→		EX	V998 96147032 96117828	34,5x8x108,4	45	3	VV240 VV240.1 VV240.2		8x13,08x50,6 +0,05 +0,20	B F
Ulysse 2.0 i.e. 16V Eng. XU10J4R/RfV – Peugeot 1998ccm 97/100kw(132/136PS)	98-00	86 4	IN	V909* 91540748 0948.75 * Retainer s.e. 2,2 mm	34,6x7x106,4	45	3	VV244 VV244.1	0221.19	7x12,08x40 +0,05	B F
			EX	V910* 91540782 0949.81 * Retainer s.e. 2,2 mm	29,6x7x105,7	45	3	VV244 VV244.1	0221.19	7x12,08x40 +0,05	B F
Ulysse 2.0 i.e. 16V Eng. XU10 J4R/S 1998ccm 99/120kw(135/163PS)	99→	86 4	IN	V1183 96289433	34,6x6x106,3	45	1	VV317 VV317.1	0221.25	6x12,06x40,8 +0,05	B F
			EX	V1184 96298611	29,6x6x105,7	45	1	VV318 VV318.1	0221.24	6x12,06x40,8 +0,05	G F

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
FIAT													
Croma 2.2 16V Eng. 939 A5.000 2198ccm 100kw(136PS)	06→	86 4	IN	EX	V1069	71739277	35,1x6x102,3	45	3	VV452	71739350	6x10,04x36	G
					V1070	71739320	30,1x6x100,9	45	3	VV452	71739350	6x10,04x36	+0,05
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	EX	V152	4 239 917 5 999 660	36x8x108,5	45	1	VV69	4 250 803	8x14,06x46,5	G
	86→ 86→ 89→									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									
		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									
		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											
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	EX	V411	7 609 772 46531590	37,5x8x108,5	45	1	VV69	4 250 803	8x14,06x46,5	G
	89→									VV69.1	4 372 160	+0,03	F
					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	

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
FIAT												
Fiorino 1.6 Tipo SX 1.6 Tempra SX/SV 1.6 Punto 90 SX/ELX 1.6 Punto 1.6 Cabrio Eng. 176 A9.000 1581ccm	89→ 90→ 90→ 93→ 94→	86,4 4	IN EX	V735 V412	7 617 500 5 973 128 4 315 062	39,5x8x108,5 31x8x109	45 45	1 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4 VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162 4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x46,5 8x14,06x46,5 +0,03 +0,08 +0,18 +0,23	G F G F
Palio Weekend 1.6i.e. 16V Siena 1.6i.e. 16V Eng. 178 B3.000 1581ccm	97→ 97→	86,4 4	IN EX	V825 V826	46462158 46517325 46462159 46461209	30,3x7x102,5 29,8x7x102,8	45 45	1 1	VV70 VV70.1 VV70.2 VV70.3 VV70.4 VV70 VV70.1 VV70.2 VV70.3 VV70.4	4 265 699 4 372 331 4 372 332 4 265 700 4 372 333 4 265 699 4 372 331 4 372 332 4 265 700 4 372 333	7x13,01x42,5 7x13,01x42,5 +0,05 +0,10 +0,20 +0,25	G F G F
Ulysse 3.0 V6 24V Eng. ES9J4S/XFX-Peugeot 2946ccm	00→	87 V6	IN EX	V1247 V1248	96304413 0948.A5 96401813 0949.A5	35x6x108,4 30,5x6x106,9	45 45	1 1	VV201 VV201.1 VV201 VV201.1	0220.95 0220.95 0220.95 +0,05	6x11,08x40 6x11,08x40 +0,05	B F B F
FIAT DIESEL												
Doblo 1.3JTD 16V Idea 1.3JTD 16V Panda 1.3JTD 16V Punto 1.3JTD 16V Eng. 188 A9.000	05→ 04→ 03→ 05→	69,6 4	IN EX	V1413 V1414	46518930 46518931	21,7x6x109,2 21,7x6x109,2	45 45	3 3	VV391 VV391.1 VV391.2 VV391 VV391.1 VV391.2	46816601 46816602 46816604 46816601 46816602 46816604	6x10,03x43,2 6x10,03x43,2 +0,03 +0,23	G F3 G F3
Doblo 1.3MJT 16V Fiorino 1.3MJT 16V Grande Punto 1.3MJT 16V Linea 1.3MJT 16V Eng. 199 A2/A3.000 1248ccm	05→ 08→ 06→ 07→	55,66kw(75/90PS)	IN EX	V1413 V1414	46518930 46518931	21,7x6x109,2 21,7x6x109,2	45 45	3 3	VV391 VV391.1 VV391.2 VV391 VV391.1 VV391.2	46816601 46816602 46816604 46816601 46816602 46816604	6x10,03x43,2 6x10,03x43,2 +0,03 +0,23	G F3 G F3

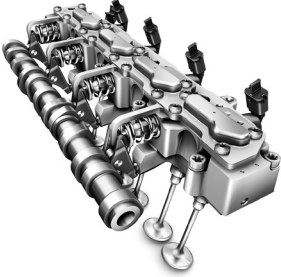
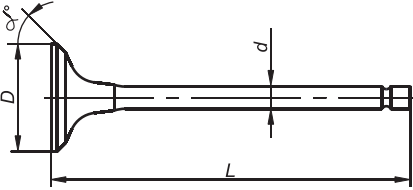
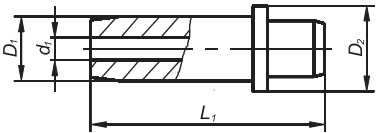
1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE							
												2	3	4	5	6	7	8
FIAT DIESEL																		
Punto 1.3 MJT 16V Panda 1.3 MJT 16V Idea 1.3 MJT 16V 500 1.3 MJT 16V Qubo 1.3 MJT 16V Grande Punto 1.3MJT 16V Eng. Euro 5 1248ccm	09→	69,6 4	IN	V1873	55204574	22,45x6x109,2	45	3	VV391	46816601	6x10,03x43,2	G						
															VV391.1	46816602	+0,03	F3
															VV391.2	46816604	+0,23	
				EX	V1874	55223836	22,5x6x109,2	45	3	VV391	46816601	6x10,03x43,2	G					
														VV391.1	46816602	+0,03	F3	
														VV391.2	46816604	+0,23		
Scudo 1.6JTD 16V Eng. DV6TED4 – Peugeot 1568ccm 80kw(109PS)	06→	75 4	IN	V1493	96450247	25,6x5,5x96,4	45	3	VV399		5,5x9,56x34	G						
																VV399N	+0,05	A
			EX	V1494	96408400	23,4x5,5x96,6	45	3	VV399		5,5x9,56x34	G						
														VV399N	+0,05	A		
127D/127 D Fiorino 1.3D Panda/Panorama 1.3D Uno 1.3D Eng. 127 A5.000 1301ccm 33kw(45PS)	81→	76 4	IN	V725	4 424 173	34x8x112	45	1	VV96	4 373 602	8x15,04x46,5	G						
															VV96.1	4 373 603	+0,03	F
															VV96.2	4 373 604	+0,08	
										VV96.3	4 373 634	+0,18						
										VV96.4	4 373 605	+0,23						
				EX	V726	4 424 174	29x8x112	45	1	VV96	4 373 602	8x15,04x46,5	G					
													VV96.1	4 373 603	+0,03	F		
													VV96.2	4 373 604	+0,08			
									VV96.3	4 373 634	+0,18							
									VV96.4	4 373 605	+0,23							
Uno 70 1.4 TD Eng. 146 B/B3.000 1367ccm 52kw(70PS)	86→	78 4	IN	V737	7 553 000	33x8x117	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	V738	7 553 004	29,9x8x117	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							

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
FIAT DIESEL												
Grande Punto 1.6MJT 16V 07→ Bravo 1.6MJT 16V 07→ Idea 1.6MJT 16V 07→ Eng. 198 A2.000/955 A3.000 1598ccm 77kw(105PS)	79,5	IN	V1680	55205125	26,5x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G	
	4	EX							VV437.1	55210015	+0,03	A
									VV437.2	55210017	+0,23	
Brava 100 EL/ELX 1.9 TD 96→ Brava 75 S/SX 1.9 TD 96→ Bravo 100 SX/GT 1.9 TD 96→ Bravo 75 S/SX 1.9 TD 96→ Marea 100 SX/ELX 1.9 TD 96→ Marea 75 SX 1.9 TD 96→ Marengo 1.9 TD 97→ Punto 1.9 DS 96→ Eng. 182 A7.000/182 A8.000 1910ccm 55/75kw(75/101PS)	82	IN	V1031	7 798 620	37,5x8x114,2	45	3	VV260	7 565 472	8x14,04x43	G	
	4				46527855				VV260.1	46 433 782	+0,03	F
									VV260.2	46 433 783	+0,08	
Marea 125 ELX/HLX 2.4 TD 96→ Eng. 185 A2.000 2387ccm 91kw(124PS)	82	EX	V1032	7 783 225	31x8x114,2	45	3	VV260.3	7 565 473	+0,18		
	5				46527856				VV260.4	46 433 784	+0,23	
									VV260	7 565 472	8x14,04x43	G
Doblo 1.9D 01→ Palio 1.9D 01→ Strada 1.9D 01→ Eng. 223 A6.000 Euro 3 1910ccm 46kw(63PS)	82	IN	V1033	46750859	35,5x8x115	45	3	VV260.1	46 433 782	+0,03	F	
	4				60814605				VV260.2	46 433 783	+0,08	
									VV260.3	7 565 473	+0,18	
Doblo, Palio, Strada 1.9D 00→ Punto 1.9D 99→ Eng. 188 A3.000 1910ccm 44kw(60PS)	82	EX	V1034	46783962	34,5x8x115	45	3	VV260.4	46 433 784	+0,23		
	5				60814604				VV260	7 565 472	8x14,04x43	G
									VV260.1	46 433 782	+0,03	F
Bravo, Brava, Punto 105 1.9 JTD 99→ Marea 105 1.9 JTD 00→ Stilo 1.9 JTD 00→ Palio 1.9 JTD 01→ Eng. 188 A2.000-Euro 3 1910ccm 73kw(100PS)	82	EX	V1034	46783962	34,5x8x115	45	3	VV260.2	46 433 783	+0,08		
	5				60814604				VV260.3	7 565 473	+0,18	
									VV260.4	46 433 784	+0,23	

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
FIAT DIESEL													
Doblo 1.9 JTD Idea 1.9 JTD Marengo 1.9 JTD Multipia 1.9 JTD Eng. 182 B4.000 1910ccm	01→	82	IN	V1033 V1034	46750859 60814605 46783962 60814604	35,5x8x115 34,5x8x115	45 45	3 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 G F	
	04→	4	EX										
	99→												
	99→												
	77kw(105PS)												
Grande Punto 1.9 MJT Croma 1.9 MJT Eng. 199 A5.000 Sedici 1.9 MJT Eng. D19AA 1910ccm	06→			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	
	06→												
	06→												
	88kw(120PS)												
Marea 2.4 JTD 10V Stilo 2.4 JTD 10V Eng. 839 A5/A6.000 2387ccm	99→	82	IN	V1033 V1034	46750859 60814605 46783962 60814604	35,5x8x115 34,5x8x115	45 45	3 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 G F	
	00→	5	EX										
	100/103kw(136/145PS)												
Croma 2.4JTDM 20V Eng. 939 A3.000 Up to eng. 5553217 2387ccm	07/06	82	IN	V2025 V2026	55190248 55190249	27,9x5x114,2 24,9x5x114,2	45 45	3 3	VV437 VV437.1 VV437.2 VV437 VV437.1 VV437.2	55210016 55210015 55210017 55210016 55210015 55210017	5x10,04x46,7 +0,03 +0,23 5x10,04x46,7 +0,03 +0,23	G A G A	
		5	EX										

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
FIAT DIESEL													
Idea 1.9 MJT 16V Stilo 1.9 MJT 16V Eng. 937 A5.000	05→ 06→	82 4		IN	V1595*	55206431	27,9x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
Croma 1.9 MJT 16V Eng. 939 A1.000 1910ccm	06→			EX	V1596*	55205183	24,5x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
Bravo 2.4 MJT 20V Croma 2.4 MJT 20V Eng. 939 A3.000 From eng. 5553218 2387ccm	07→ 06→	82 5								VV437.1 VV437.2	55210015 55210017	+0,03 +0,23	A
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→	82 4		IN	V1415	46802049	27,8x6x114,4	45	3	VV459	55186786 55186789	6x11,04x47 +0,03 +0,23	G F
Stilo 1.9 JTD 16V Eng. 192 A5.000 1910ccm	04→			EX	V1416	46787902	25,8x6x114,4	45	3	VV459	55186786 55186789	6x11,04x47 +0,03 +0,23	G F
Croma 2.4 MJT 20V Eng. 939 A3.000 2387ccm	05→	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→	82,6 4		IN	V733	5 990 532 7 547 158	37,5x8x116,8	45	1	VV69	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	4 372 160 4 372 161 4 250 804 4 372 162	+0,03 +0,08 +0,18 +0,23	F

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

			CYL.	IN	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
			Ø	EX									
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	

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
FIAT DIESEL													
Scudo 1.9 D 95→ Eng. XUD 9A/DJY 1905ccm	83	IN	83	V721	93510415	38,5x8x112,4	45	1	VV187	0220.75	8x14,06x48	B	
Ducato 10 1.9D 98→ Eng. XUD 9A/DJY 1905ccm	4	EX	4	V721N1 V721N3	96305973	+0,5S +1,0S			VV187.1	0220.76	+0,05	F	
Scudo 1.9 D 95→ Eng. WJZ/WJY/DW8 – Euro 2	83	IN	83	V710	93510773	33x8x111,9	45	1	VV187	0220.75	8x14,06x48	B	
Ulysse 1.9 TD 95→ Eng. D8B/D9B 1905ccm	4	EX	4	V710N1 V710N3	96137357	+0,5S +1,0S			VV187.1	0220.76	+0,05	F	
Ducato 10 1.9 TD 94→ Eng. XUD9TF 1905ccm	83	IN	83										
Ulysse 1.9 TD 94→ Eng. XUD9TF 1905ccm	4	EX	4										
Talento 1.9 TD 95→ Eng. XUD9TF 1905ccm	83	IN	83										
Bravo 2.0 MJTD 16V 08→ Eng. 198 A5.000 1956ccm	83	IN	83	V1595*	55206431	27,9x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G	
Freemont 2.0 MJTD 16V 11→ Eng. 939 B5.000 Eng. 940 A5.000 1956ccm	4	EX	4	* Retainer	s.e. 4,9 mm				VV437.1 VV437.2	55210015 55210017	+0,03 +0,23	A	
Scudo 1.9 JTD 99→ Eng. XUD9 TF/L, DHX Turbo Common Rail CEE FASE 2 1905ccm	83	IN	83	V1085	96247742	35,6x6x107,1	45	3	VV378	9640340380	6x10,06x41,5	G	
Ulyse 1.9 JTD 99→ Eng. XUD9 TF/L, DHX Turbo Common Rail CEE FASE 2 1905ccm	4	EX	4						VV378.1		+0,05	A	
Scudo 2.0 JTD 00→ Eng. Dw10 TD/ATED, RHZ Turbo Common Rail 1997ccm	85	EX	85	V1086	96247745	33,8x6x107,1	45	3	VV378	9640340380	6x10,06x41,5	G	
Ulyse 2.0 JTD 00→ Eng. Dw10 TD/ATED, RHZ Turbo Common Rail 1997ccm	4	EX	4						VV378.1		+0,05	A	
Ducato 11/15 2.0 JTD 00→ Eng. Dw10 TD/ATED, RHZ Turbo Common Rail 1997ccm	85	EX	85						VV266 VV266.1	0220.A1	6x12,07x42,5 +0,05	G F	
Ulyse 2.0 JTD 16V 02→ Eng. Dw10 ATED4, DHW Turbo 1997ccm	4	EX	4						VV266 VV266.1	0220.A1	6x12,07x42,5 +0,05	G F	

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
FIAT DIESEL													
Strada 1.7 D Ritmo L/CL 1.7 D Regata 1.7 D/Weekend Duna 1.7 D Nuova Ritmo 1.7 D Eng. 138 B6.000 1714ccm 40/43kw(55/58PS)	80→	83	IN	V1027 V1028	4 368 843 4 368 845 5 996 615	38,4x8x126 33,4x8x126	45 45	1 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 F F F	
	80→	4											
	83→												
	87→												
	EX												
Scudo 2.0 JTD 16V Ulysse 2.0 JTD 16V Ducato 2.0 JTD 16V Eng. DW10ATED4/RHW Engine Peugeot 1997ccm 80kw(109PS)	00→	85	IN	V1313 V1314	96353179 0948.C0 96353184 0949.A9	29,9x6x106,2 25x6x106,1	45 45	3 3	VV378 VV378.1 VV266 VV266.1	9640340380 0220.A1 9640340380 0220.A1	6x10,06x41,5 +0,05 6x12,07x42,5 +0,05 6x10,06x41,5 +0,05 6x12,07x42,5 +0,05	G A G F G A G F	
	00→	4											
	00→												
	EX												
	EX												
Ulysse 2.0 MJT 16V Eng. RHR/RHK 1997ccm	06→	85	IN	V1179 V1180	9627184380 9683321080	29,8x6x105 25x6x105	45 45	3 3	VV378 VV378.1 VV378 VV378.1	9640340380 9640340380 9640340380 9640340380	6x10,06x41,5 +0,05 6x10,06x41,5 +0,05 6x10,06x41,5 +0,05 6x10,06x41,5 +0,05	G A G A G A	
	EX												
	EX												
	EX												
	EX												
Ulysse 2.2 JTD 16V Eng. DW12TED4/4HW Engine Peugeot 2179ccm 94kw(128PS)	01→	85	IN	V1179 V1180	96271843 0948.A3 96344375 0949.A3	29,8x6x105 25x6x105	45 45	3 3	VV378 VV378.1 VV378 VV378.1	9640340380 9640340380 9640340380 9640340380	6x10,06x41,5 +0,05 6x10,06x41,5 +0,05 6x10,06x41,5 +0,05 6x10,06x41,5 +0,05	G A G A G A	
	EX												
	EX												
	EX												
	EX												
Ulysse 2.2 Multijet 16V Eng. 4HT(DW12BTED4) 2179ccm 125kw(170PS)	08→	85	IN	V1723 V1724	0948.E5 0949.E1	27,2x6x95,8 25x6x95	45 45	3 3	VV378 VV378.1 VV378 VV378.1	9640340380 9640340380 9640340380 9640340380	6x10,06x41,5 +0,05 6x10,06x41,5 +0,05 6x10,06x41,5 +0,05 6x10,06x41,5 +0,05	G A G A G A	
	EX												
	EX												
	EX												
	EX												

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
FIAT DIESEL													
Ulysse 2.1 TD 12V Eng. XUD11BTE, P8C 2088ccm 80kw(109PS)	96→	85 4	IN	IN	V1095	0948 68	33,9x8x122,3	45	3	VV245	94560290	8x13,08x54,5	B
					EX	V1096	0949 68	33,9x8x121,9	45	3		VV245	VV245.1
Ducato 2.2 JTD Eng. 4HV 2198ccm 74-103kw(101-140PS)	06→	86 4	IN	IN	V1987	9660035980	29,8x7x122,2	60	3	VV525		7x12,06x51,5	G
					EX	V1988	9660640080	25,8x7x122	45	3		VV525	VV525N
132 Mirafiori 2.0 D Eng. 8144.65 1995ccm 44kw(60PS)	83→	88 4	IN	IN	V326	7 301 820	41x8x120,7	60	1	VV57	4 749 395	8x13,03x56	G
					EX	V326N3		+1,0S			VV57.1	4 749 397	+0,03
131 Mirafiori 2.5 D Eng. 8144.61 2445ccm 53kw(72PS)	83→	93 4	IN	IN	V470	4 813 760	41x8x122	60	1	VV57.2	4 749 398	+0,08	
					EX	V470N1		+0,5S			VV57.3		+0,18
131 Mirafiori 2.5 D Eng. 8144.61 2445ccm 53kw(72PS)	83→	93 4	IN	IN	V470N3		+1,0S			VV57.4	4 749 399	+0,23	
					EX	V327	7 301 821	34,4x8x122	45	1	VV58	4 726 483	8x13,03x60
Dailly 2.3 16V Unijet Ducato 2.3 JTD 16V Eng. F1A E0481C/B 2286ccm 81kw(116PS)	04→	88 4	IN	IN	V1237	500362855	30x6x120,4	45	3	VV335	504053804	6x10,04x49	G
	02→				EX	V1238	500362856	30x6x120,4	45	3	VV335.1		+0,03
242-15D 2.2D 242-18D 2.2D Eng. B22/615 2175ccm 45kw(62PS)	74-81	90 4	IN	IN	V1623	5471746	42x8x121,4	45	3				
	74-81				EX	V1624	5414239	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→	93 4	IN	IN		5457479							
	83-93				EX								

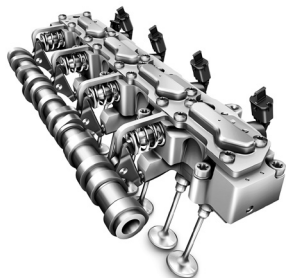
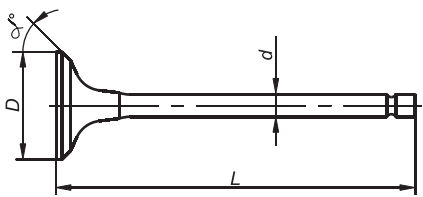
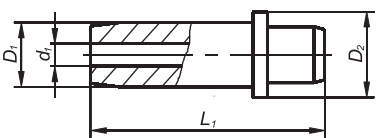
1	2	3	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
FIAT DIESEL													
Ducato 2.5 TD 12V Eng. DJ5T, T8A 2446ccm 76/96kw(104/130PS)	93→	92	4	IN	V1121	96095457	36,9x7x127,9	45	3	VV246	0220.93	7x13,06x54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

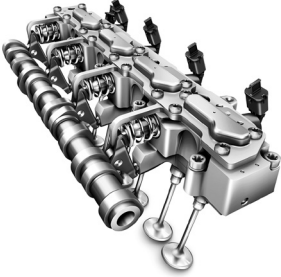
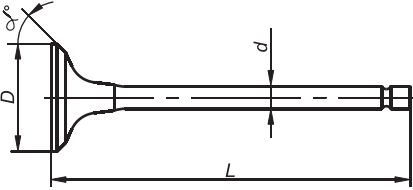
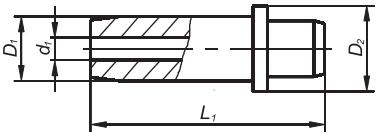
1	2	3	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
FIAT DIESEL													
Daily 35/45/49.10 2.5TD	85-89	93	IN	V326	7 301 820	41x8x120,7	60	1	VV57	4 749 395	8x13,03x56	G	
Ducato 14 2.5D	89-94	4		V326N3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

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
FIAT DIESEL												
Ducato 3.0 JTD 16V 06→ Eng. F1CE0481A 2998ccm	95,8 4	IN	V1697	504072531	32,4x6x119,9	60	3	VV335	504053804	6x10,04x49	G	
		EX	V1698	504081062	32,4x6x119,9	60	3	VV335	504053804	6x10,04x49	G	
Eng. 8060.455.6000 Eng. 8060.455.6800 5861ccm 167kw(227PS)	104 6	IN	V1535	98 497 235	46x9x141,2	60	1	VV351	98435241EZ	9x15,02x81	G	
		IN	V2161		46x9x141	60	1	VV351N		+0,05	F	
		EX	V1536	99 433 902	38,3x9x141,2	45	1	VV352	98474643EZ	9x15,02x70	G	
		EX	V2162		38,3x9x141	45	1	VV352N		+0,05	F	
								VV335.1		+0,03	A	
								VV335.2		+0,23		
								VV335.1		+0,03	A	
								VV335.2		+0,23		
								VV351.1	98435242EZ	+0,18		
								VV352.1	98474645EZ	+0,18		
FIAT AGRI – NEW HOLLAND												
250-255-30-300 Eng. 8025.01 1599ccm	95 2	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		
350-355-400-420 450-455C-460-470-480 Eng. 8035.01 2338ccm	3	IN	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					+0,15		
			V322N4		+1,5S			VV379.3				
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											

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				
												2	3	4	5
FIAT AGRI – NEW HOLLAND															
600-605-640-665 666-670-680 Eng. 8045.02 3455ccm	100	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	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		
505C-565C-570-580 Eng. 8035.04 2748ccm	3		V322N2		+1,0S			VV379.3	+0,15						
			V322N4		+1,5S										
765C-766-780-855 Eng. 8045.04 3666ccm	4														
880/5-90-90.90.55 955C Eng. 8055.04 4583ccm	5														
1000S-1180 Eng. 8065.04 5499ccm	6														
45.66/76-50.66/.86 55.46/56/.65/.66/.75 55.76/.86/.90 60.86 Eng. 8035.06 2710ccm	100	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										

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
FIAT AGRI – NEW HOLLAND												
100S-100.90 Eng. 8065.06	100	IN	V447	99432652	45,5x8x125,7	60	1	VV379	4 601 299	8x14,03x48,7	G	
				98435622					VV379.1			+0,05
				4 784 888					VV379.2			+0,10
60-60.46/.56/.65/.66 60.75/.76/.85/.86/.88 60.90/.93.94	104		V447N1		+0,5S							
				V447N2								+0,8S
62-62.85/.86 Eng. 8035.05 2930ccm	3	EX	V448	99432717	37,5x8x125,7	45	1	VV379	4 601 299	8x14,03x48,7	G	
				99432718					VV379.1			+0,05
				4 784 889					VV379.2			+0,10
80-80.55/.65/.66/.75 80.76/.88/.90 82-82.85/.86/.93/.94 Eng. 8045.05 3908ccm	4		V448N1		+0,5S							
				V448N2								+0,8S
85.90-88C-88.85/.93 88.94-A90 Eng. 8045.25 Turbo 3908ccm	5											
90-90.90-95.55 Eng. 8055.05 4885ccm	6											
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	42,9x8x137,7	45	1	VV60	4 758 795	8x14,04x55	G				
				8 823 548				VV60.1	4 758 796			+0,15			
								VV60.2	4 758 797			+0,35			
750-805C-880 Eng. CO3 4562ccm		EX	V229	8 823 544	36,4x8x137,7	45	1	VV61	4 758 799	8x14,04x62	G				
				8 823 549				VV61.1	4 758 800			+0,20			
								VV61.2	4 758 801			+0,40			
850-850Super-880 Eng. CO3/70 4941ccm															
100C-120C-1300 Eng. CP3 7412ccm															
Eng. Genesis 5640 91→ 4400ccm Eng. Genesis 6640 5000ccm Eng. Genesis 7840 6600ccm Eng. Genesis 8240 7500ccm NEW	111,77 4 6	IN EX	V2185		47,6x9,5x146,8	60	8								
								V2186		43x9,5x146,5	45	8			
NEW		IN EX	V2187		47,6x9,5x146,8	60	4								
								V2188		43x9,5x146,5	45	4			
80C-90C Eng. CO3-130T 5401ccm 1580 Turbo - 160.55 160.55 Turbo - 160.90 180.55-180.90-1880 Eng. 8365.25 Turbo 8100ccm 1355C-1580 Eng. 8365.05 8102ccm	115 4	IN	V225	8 824 754	48,4x8x137,7	45	1	VV60	4 758 795	8x14,04x55	G				
				4 821 710				VV60.1	4 758 796			+0,15			
								V225N1	+0,5S			VV60.2	4 758 797	+0,35	
		EX	V226	8 830 045	40,8x8x137,7	45	1	VV61	4 758 799	8x14,04x62	G				
				8 825 776				VV61.1	4 758 800			+0,20			
		V226N1	+0,5S	VV61.2	4 758 801	+0,40									

	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

FIAT AGRI – NEW HOLLAND

180C–200C–AD18	71–81	137	IN	V519	98480846	59x11x170	45	1	VV30	4 630 627	11x18,03x86	G
BD18–FD20–FE40		6							VV30.1	4 630 628	+0,03	A1
Eng. 8215.02												
13798ccm	192kw(260PS)		EX	V520	99452179	49x11x170	45	1	VV31	4 647 763	11x18,03x76	G
									VV31.1	4 647 764	+0,03	A1

FORD

Fiesta 1.0	89→	68,7	IN	V803	89BM6507AA	33x7x104	45	3				
Eng. TKB, TLB, OHV/HCS		4			6165227							
999ccm	33kw(45PS)			V803.1		+0,2d						
				V803N1		+0,35d						
Courier 1.1	86–90											
Escort 1.1	89→		EX	V740	89BM6505CA	29x7x104,4	45	3				
Fiesta 1.1	89→				1038606							
Eng. GUD, GUE, OHV/HCS					1653978							
1119ccm	40kw(55PS)			V740.1	089BM6505DA	+0,2d						
				V740N1		+0,35d						
Fiesta, Escort, Orion 1.3	89→	68,7	IN	V739	89BM6507BA	34,5x7x104	45	3				
Eng. JJB, JBC–HCS		4			6165228							
1299ccm	40kw(55PS)			V739.1	89BM6507CA	+0,2d						
				V739N1		+0,35d						
KA 1.3	97→	74										
Courier Van 1.3	96→	4	EX	V740	89BM6505CA	29x7x104,4	45	3				
Fiesta 1.3	95→				1038606							
Eng. J4B, J4C–HCS					1653978							
1299ccm	37/44kw(50/60PS)			V740.1	89BM6505DA	+0,2d						
				V740N1		+0,35d						
KA 1.2 8V	08→	70,8	IN	V1621		33,2x5x99,9	45	3	VV377		5x10,06x44	G
Eng. F4P Duratec									VV377.1		+0,03	F
1242ccm									VV377.2		+0,23	
			EX	V1622		28x5x100,5	45	3	VV377		5x10,06x44	G
									VV377.1		+0,03	F
									VV377.2		+0,23	
Fiesta 1.25i 16V	95–97	71,9	IN	V915	96MM6507B2A	26x6x97,7	45	1	VV274		6x11,05x39	G
Eng. ZH12 Zetec S DOHC		4			1004446				VV274.1		+0,05	A
1242ccm	55kw(75PS)											
			EX	V916	96MM6505B2A	22x6x99,7	45	1	VV274		6x11,05x39	G
					1004444				VV274.1		+0,05	A

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
FORD													
Fiesta 1.25 16V 03→ Fusion 1.25 16V 04→ Eng. FUJA/B, M7JA/B, Zetec 1242ccm 51/55kw(70/75PS)	72	IN	V1411	1S6G6507AA	26x6x99,7	45	3	VV274	VV274.1	6x11,05x39 +0,05	G A		
				1207533									
Eng. M1DA, M1JE, SFJA 998cm	71,9	IN	V2045	1760579	27,1x5x96,4	45	3						
				CM5G6507CB									
Fiesta 1.0 Eco Boost C Max 1.0 Eco Boost Fiesta 1.0 Eco Boost Eng. M1DA, M1JE, SFJA 998cm	71,9	IN	V2045	1760579	27,1x5x96,4	45	3						
				CM5G6507CB									
Fiesta 1.0 12V 13→ Eng. XMJA 998cm	71,9	IN	V2045	1760579	27,1x5x96,4	45	3						
				CM5G6507CB									
Fiesta 1.0 L/GL/Ghia 76→ Fiesta 1.0 45/45 HIFI 76→ Eng. BLO9L 957ccm 30/33kw(40/45PS)	73,96	IN	V921	80BM6507AC	33x7,9x105,9	45	3						
				77BM6507AB									
Eng. BLO9L 957ccm 30/33kw(40/45PS)	73,96	IN	V921.1	80BM6507BC	+0,2d	45	3						
Eng. BLO9L 957ccm 30/33kw(40/45PS)	73,96	EX	V772	77BM6505AC	29,1x7,9x105,6	45	3						
				84BM6505GA									
Eng. BLO9L 957ccm 30/33kw(40/45PS)	73,96	EX	V772.1	77BM6505EB	+0,2d	45	3						
Eng. BLO9L 957ccm 30/33kw(40/45PS)	73,96	EX	V772N		+0,3d	45	3						

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
FORD													
Escort 1.1 L/LE/Popular 76-83 Fiesta 1.1 L/GL/S/Ghia 76-83 Fiesta 50/50 HIFI 76→ Eng. GSF 1117ccm 39kw(53PS)	73,96	4	IN	V771	80BM6507DC	38,2x7,9x105,9	45	3					
					V771.1	80BM6507EC	+0,2d						
					V771N		+0,3d						
			EX	V772	77BM6505AC	29,1x7,9x105,6	45	3					
					V772.1	84BM6505GA	+0,2d						
					V772N	77BM6505EB	+0,3d						
Escort 1.1 76-83 Fiesta 1.1 76-83 Sweden Models 1117ccm 34kw(46PS)	73,96	4	IN	V771	80BM6507DC	38,2x7,9x105,9	45	3					
					V771.1	77BM6507DB	+0,2d						
					V771N	80BM6507EC	+0,3d						
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	42x8x134,8	45	3	VV176	81SM6510LC	8x13,57x65	G	
					V781.1	89SM6507AA	+0,2d			VV176.1		+0,05	F
					V781.1	81SM6507NF	+0,2d			VV176.2		+0,10	
			EX	V782	81SM6505AF	34x8x131,4	45	3	VV176	81SM6510LC	8x13,57x65	G	
					V782.1	81SM6505BF	+0,2d			VV176.1		+0,05	F
					V782.1		+0,2d			VV176.2		+0,10	
KA 1.3 8V 02→ Fiesta 1.3 8V Fusion 1.3 8V Eng. Duratec 1299ccm	73,96	4	IN	V1837	1144340	35,1x6x109,6	45	3					
			EX	V1838	1144339	29,7x6x109,8	45	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	V917	97MM6507B2A	28x6x97,4	45	1	VV274		6x11,05x39	G	
					1012749					VV274.1		+0,05	A
			EX	V918	97MM6505B2A	24x6x99,4	45	1	VV274		6x11,05x39	G	
					1012747					VV274.1		+0,05	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	V1061	97MM6507B2B	28,1x6x97,4	45	3	VV274		6x11,05x39	G	
					1051773					VV274.1		+0,05	A
			EX	V1062	98MM6505B2B	24,1x6x99,4	45	3	VV274		6x11,05x39	G	
					1069529					VV274.1		+0,05	A
					1101934								

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
FORD													
Courier 1.4 16V	97→	76	IN	V1288	1320926	28x6x99,5	45	3		VV178		6x12,03x36	G
Fiesta 1.4 16V	03→	4			1151997					VV178.1		+0,05	A
Focus 1.4 16V	04→												
Eng. Zetec EFI DOHC, ASDA			EX	V1026	1S6C6505BA	24,1x6x101,5	45	3		VV178		6x12,03x36	G
1388ccm	59kw(80PS)				1113189					VV178.1		+0,05	A
Fiesta VI 1.4i 16V	09→		IN	V1887	1673829	28,1x6x99,4	45	3					
BIFUEL ENGINE		4											
1388ccm			EX	V1888	1673827	24,1x6x101,4	45	3					
Puma 1.4i 16V	97→	76	IN	V895	928M6507C1A	26x6x97,1	45	1		VV178		6x12,03x36	G
Eng. Zetec SE- DOHC		4			928M6507C2A					VV178.1		+0,05	A
1388 ccm	66kw(90PS)				6742921								
Fiesta 1.6i 16V	92-97		EX	V896	948M6505A2A	24,5x6x96,7	45	1		VV178		6x12,03x36	G
Escort 1.6i 16V	92-97				928M6505C2A					VV178.1		+0,05	A
Mondeo 1.6i 16V	93-97				7314594								
Orion 1.6i 16V	92-93				1023591					VV536	BRONZE VERSION	6x12,03x36	B
Eng. Zetec SE- DOHC													A
1597ccm	66kw(90PS)												
Fiesta 1.6i 16V	97→	76	IN	V985	928M6507E2A	26x6x97,1	45	3		VV178		6x12,03x36	G
Escort 1.6i 16V	96→	4			6742922					VV178.1		+0,05	A
Mondeo 1.6i 16V	97→				1041830					VV383	11122-10040	6x11,05x40,5	G
Eng. L1F Zetec SE DOHC										VV383N		+0,05	P
1597ccm	66/70kw(90/95PS)		EX	V986	948M6505C2A	24,5x6x96,7	45	3		VV178		6x12,03x36	G
Fiesta 1.6i 16V	98→	79			1033898					VV178.1		+0,05	A
Focus 1.6i 16V		4								VV383	11122-10040	6x11,05x40,5	G
Focus C-Max 1.6i 16V										VV383N		+0,05	P
Puma 1.6i 16V										VV537	BRONZE VERSION	6x12,03x36	B
Eng. FYDA, FUJA Zetec SE DOHC													A
1596ccm	74/76kw(101/103PS)												
Focus 1.4 16V	98→	76	IN	V1025	1S4G6507CA	30x6x99	45	3		VV383	11122-10040	6x11,05x40,5	G
Eng. ASDA/B Zetec EFI		4			1122364					VV383N		+0,05	P
1388ccm	55/59kw(75/80PS)		EX	V1026	1S6C6505BA	24,1x6x101,5	45	3		VV383	11122-10040	6x11,05x40,5	G
Focus 1.6 16V	01→	79			1113189					VV383N		+0,05	P
Eng. Zetec S/FYDA/B/C/D		4											
1596ccm	74kw(101PS)												

1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Fusion 1.6 16V 02→ Eng. FYJA/B Zetec S EFI DOHC New Focus Ti/VCT 1.6 16V 04→ New Focus C Max/VCT 1.6 16V 03→ Fiesta 1.6 16V New Mondeo 1.6 16V 97→ Eng. HWDA/B, HXDA, Zetec S 1596ccm 74/76kw(101/103PS)	79	IN	V1025	1S4G6507CA 1122364	30x6x99	45	3	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P
	79	EX	V1026	1S6C6505BA 1113189	24,1x6x101,5	45	3	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P
	77,24	IN	V801	86SM6507AA 6137194	40x8x136,5	45	3	VV176 VV176.1 VV176.2	81SM6510LC	8x13,57x65 +0,05 +0,10	G F
	79	EX	V802	86SM6505AD 6162460	34x8x133,2	45	3	VV176 VV176.1 VV176.2	81SM6510LC	8x13,57x65 +0,05 +0,10	G F
Focus 1.6i 16V 98→ Eng. Zetec SE SFI FYDA/B/C 1596ccm 77kw(105PS)	79	IN	V987	1053844	27x6x98,2	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
	79	EX	V988	1053842 1066044	24,5x6x97,7	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
	79							VV537	BRONZE VERSION	6x12,03x36	B A
Focus C-Max 11→ 13→ Fiesta Eng. JQDA/JQDB 1595ccm NEW	79	IN	V2273	1755220 1800892 BM5G6507AE	30x5x98,8	45	3				
	79	EX	V2274	1800711 BM5G6507BA	24,9x5x99,7	60	3				
Focus 1.6i 16V 01→ Eng. FXDA/B/C Sigma SE SFI 1596ccm 74kw(100PS)	79	IN	V1115	98MM6507C2B 1072048	30,1x6x97	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A
	79	EX	V988	1053842 1066044	24,5x6x97,7	45	3	VV178 VV178.1		6x12,03x36 +0,05	G A

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
FORD													
Fiesta 1.4i 16V	96→	76	IN	V1115	98MM6507C2B	30,1x6x97	45	3	VV274	11122-10040	6x11,05x39	G	
Focus 1.4i 16V	98→	4			1072048				VV274.1		+0,05	A	
Puma 1.4i 16V	97→								VV383		6x11,05x40,5	G	
Eng. FHA/Z14 Zetec S DOHC 1388ccm 55/66kw(75/90PS)			EX	V1062	98MM6505B2B	24,1x6x99,4	45	3	VV274		6x11,05x39	G	
					1069529				VV274.1	+0,05	A		
					1101934				VV383	11122-10040	6x11,05x40,5	G	
									VV383N		+0,05	P	
Fiesta 1.6i 16V	98→	79	IN	V1115	98MM6507C2B	30,1x6x97	45	3	VV274	11122-10040	6x11,05x39	G	
Focus 1.6i 16V	98→	4			1072048				VV274.1		+0,05	A	
Focus C-Max 1.6i 16V									VV383		6x11,05x40,5	G	
Puma 1.6i 16V	00→								VV383N		+0,05	P	
Eng. FYDA/Z16 Zetec S DOHC 1597ccm 74/76kw(100/103PS)			EX	V1062	98MM6505B2B	24,1x6x99,4	45	3	VV274		6x11,05x39	G	
					1069529				VV274.1	+0,05	A		
					1101934				VV383	11122-10040	6x11,05x40,5	G	
									VV383N		+0,05	P	
Escort 1.6 L/GL/Ghia	80-86	79,96	IN	V781	81SM6507KF	42x8x134,8	45	3	VV176	81SM6510LC	8x13,57x65	G	
Escort 1.6 XR3/XR3i	80-86	4			89SM6507AA				VV176.1		+0,05	F	
Orion 1.6 L/GL/Ghia	84-86				V781.1	81SM6507NF	+0,2d		VV176.2		+0,10		
Eng. LR2, LRB-CVH 1596ccm 58/71kw(79/96PS)			EX	V795	81SM6505AG	37x8x131,8	45	3	VV176	81SM6510LC	8x13,57x65	G	
									VV176.1		+0,05	F	
					V795.1	81SM6505BG	+0,2d		VV176.2		+0,10		
Escort 1.6	86-89												
Fiesta, Orion 1.6	86-89												
Sierra 1.6	89-93												
Eng. L4B, CVH 1598ccm 52/77kw(70/105PS)													
Escort XR3i 1.6i	89→	79,96	IN	V781	81SM6507KF	42x8x134,8	45	3	VV176	81SM6510LC	8x13,57x65	G	
Orion 1.6i	89→	4			89SM6507AA				VV176.1		+0,05	F	
Sierra 1.6i	89→				V781.1	81SM6507NF	+0,2d		VV176.2		+0,10		
Fiesta XR2i 1.6i	90→												
Eng. LUD, LJD-CVH 1598ccm 59/66/81kw(80/90/110PS)			EX	V795A	81SM6505AG	37x8x131,8	45	3	VV176	81SM6510LC	8x13,57x65	G	
									VV176.1		+0,05	F	
					V795.1	81SM6505BG	+0,2d		VV176.2		+0,10		

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART N ^o
FORD													
Escort RS 1.6 Turbo 85-91 Fiesta RS 1.6 Turbo 90-92 Eng. CVH Turbo 1597ccm 96kw(130PS)	79,96 4	IN	V781	81SM6507KF	42x8x134,8	45	3	VV176	81SM6510LC	8x13,57x65	G		
				89SM6507AA					VV176.1		+0,05	F	
			V781.1	81SM6507NF	+0,2d				VV176.2		+0,10		
			EX	V795A	81SM6505AG	37x8x131,8	45	3	VV176	81SM6510LC	8x13,57x65	G	
			V795.1	81SM6505BG	+0,2d			VV176.1	+0,05	F			
								VV176.2	+0,10				
Sierra 1.8 GL/GLX/Sapphire 1.8 88-93 Eng. R2A/R6A-CVH 1796ccm 66kw(90PS)	80 4	IN	V925	E7EE6507B2A E7FZ6507A	39x8x136,7	45	3	VV176	81SM6510LC	8x13,57x65	G		
									VV176.1		+0,05	F	
Tracer 1.9 91-93 1896ccm 66kw(90PS)		EX	V926	E7EE6505B2C E7FZ6505A	34x8x133,9	45	3	VV176	81SM6510LC	8x13,57x65	G		
								VV176.1	+0,05	F			
								VV176.2	+0,10				
Puma 1.7i Coupe 16V 97→ Eng. MHA/B Zetec SE DOHC 1679ccm 92kw(125PS)	80 4	IN	V1063	97MF6507AA 1031008	30x6x96,2	45	1	VV178		6x12,03x36	G		
									VV178.1		+0,05	A	
EX	V1064	97MF6505AA 1031007	26x6x98,3	45	1	VV178		6x12,03x36	G				
								VV178.1	+0,05	A			
Fiesta, Orion 1.8 16V 88→ Mondeo 1.8 16V 92→ Escort XR3i 1.8 16V 92→ Eng. RDA, RQB Zetec SE 1796ccm 77/96kw(105/130PS)	80,6 4	IN	V903	928M6507D1A 6640543	32x6x97,1	45	1	VV178		6x12,03x36	G		
									VV178.1		+0,05	A	
			EX	V904	928M6505D2A 948M6505B2A 6640542	28x6x96,7	45	1	VV178		6x12,03x36	G	
									VV178.1		+0,05	A	
			EX	V1886	F8CZ6505AA	28x6x96,6	45	1	VV178		6x12,03x36	G	
									VV178.1		+0,05	A	
Mondeo 2.0i Turnier 16V 92-97 Eng. Zetec E-RKC	84,8 4												
Escort 2.0i 16V 93-97	86												
Fiesta 2.0i 16V 92-97 Eng. NGA/B/C Zetec SE 1998ccm 77/110kw(105/150PS)	4												

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

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
FORD												
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 VV513 VV513N		6x10,04x44	B	
		IN	V1219	022 109 601F	31x6x136	45	3			+0,05	F	
		EX	V1220	022 109 611B	27x6x102,5	45	3			6x10,04x65	B	
		EX	V1218	022 109 611C	27x6x136,4	45	3			+0,05	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	79HM6507EA	42x8x113,2	45	3					
		EX	V798	84HM6505FA 6119437	32x8x113,3	45	3					+0,2d
		EX	V798N									+0,2d
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					
Mondeo 1.8i 16V 02→ Transit Conect 1.8i 16V 00→ Focus C Max 1.8i 16V 04→ Eng. Duratec HE-CSDA/B, QQDA, QQDB 1796ccm 85/92kw(115/125PS)	83 4	IN	V1363	1S7G6507DG 1119205 1324691	32,5x5,5x103,4	45	1	VV396 LFY1-10-281		5,5x11,06x39	G A	
		EX	V1364	1S7G6507DF 1119204 1324690	28x5,5x104,6	45	1			5,5x11,06x39	G A	
		EX	V1364									
Focus ST 2.5i Turbo 05→ Eng. B 5254 T3 Mondeo 2.5i 20V 07→ Eng. B 5254 T3 2521ccm 162kw(220PS)	83 5	IN	V763		31x7x104,1	45	3	VV324 VV324N		7x11,99x45	G F	
		EX	V764		27x7x103,3	45	3			7x11,99x45	G F	

1	2	3	4	5	6	7	8	9	10	11	12
FORD											
Ford Focus 2.0 ST170 16V Eng. ALDA 1988ccm	02-04	84,8 4	IN EX	V1889 V1890	1143059 1143057	33,5x6x102,8 28x6x102,4	45 3 45 3				
Escort XR3i/RS2000 2.0i 16V Scorpio 2.0i 16V Eng. DH20 DOHC 1998ccm	90→ 95→	86 4	IN EX	V923 V924	95XM6507AC 91XM6505AB 7076363 6576229	33,5x7x112 30x7x111,6	45 3 45 3				
Scorpio 2.3i 16V Galaxy 2.3i 16V Transit 2.3i 16V Eng. DH23 DOHC 2295ccm	96→ 97→ 99→	89,6 4									
Sierra 2.0i Granada 2.0i Scorpio 2.0i Galaxy 2.0i Transit 80/100/120/130/190 2.0i Eng. DL20 EFI, N9A/C/D 1988ccm	89-94 89-95 94→ 95→ 94→	86 4	IN EX	V791 V792	88WM6507BA 95WM6507AA 7078139 88WM6505EA 95WM6505AA 7078136	42,6x7x108,5 38x7x108,9	45 3 45 3	VV177 VV177	6 172 956 6 172 956	7x13,55x43 7x13,55x43	G F G F
Granada 1.8GL Scorpio 1.8 CL/GL Sierra 1.8 L/GL/Ghia Eng. REB/C/D-OHC 1796ccm	85→ 85→ 84→	86,2 4	IN EX	V865 V865.1 V865.2 V866 V866.1 V866.2	85HM6507FA 85HM6507GA 85HM6507HA 85HM6505AA 85HM6505BA 85HM6505CA	42x8x112,3 +0,2d +0,4d 34,2x8x111,7 +0,2d +0,4d	45 3 45 3	VV197 VV198		8x12,75x53,3 8x12,75x53,3	G F G F
Taurus 1.6 Escort 1.6 Capri 1.6 Cortina, Pinto 1.6 Granada 1.6 Sierra 1.6 Transit 100/120/130/190 Eng. LAR, LAT, LCE, LCJ, LCN 1593ccm	70-79 75-79 70→ 70-79 81→ 82→ 78-79	87,65 4	IN EX	V617 V617.1 V617.2 V618 V618.1 V618.2	70HM6507AE 70HM6507BE 70HM6507CE 70HM6505AF 78HM6505BA 78HM6505BF 78HM6505CF	42x8x113,2 +0,2d +0,4d 34,2x8x112,6 +0,2d +0,4d	45 3 45 3	VV197 VV198		8x12,75x53,3 8x12,75x53,3	G F G F

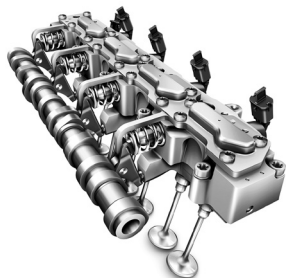
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FORD											
New Focus 2.0 16V 04→	87,5	IN	V1495	1124378	35x5,5x103,4	45	1	VV396	LFY1-10-281	5,5x11,06x39	G
Mondeo 2.0 16V 04→	4										A
Focus C Max 2.0 16V 04→		EX	V1496	1124377	30x5,5x104,6	45	1	VV396	LFY1-10-281	5,5x11,06x39	G
Eng. CJB, CJBB, AODA, Duratec HE SFi 1999ccm 107kw(146PS)											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→	90,8	IN	V1081		35x7x105,6	45	1	VV539		7x13,06x43	B
Eng. N5B, Cosworth 1993ccm 150kw(204PS)	4										F13
		EX	V1082		31x8x105,5	45	1	VV540		8x13,06x43	B
											F13
Capri 2.0 79→	90,8	IN	V773	70HM6507DC	42x8x111,2	45	3	VV199		8x12,75x60,3	G
Cortina 2.0 GL/GT 79→	4			70HM6507DD							F
Escort RS 2.0 79→			V773.1	70HM6507ED	+0,2d						
Granada 2.0 L/GL 79→			V773.2	70HM6507FD	+0,4d						
Taurus 2.0 GL/GLS 79→											
Transit FT 100/120/130 79→		EX	V774	70HM6505DE	36x8x110,6	45	3	VV200		8x12,75x60,3	G
Transit FT 160/190 79→				78HM6505CA							F
Eng. TL20H/L OHC 1993ccm 46kw(63PS)			V774.1	70HM6505EE	+0,2d						
			V774.2	70HM6505FE	+0,4d						
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)											

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
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		+0,03	F3
			EX	V1414	46518931	21,7x6x109,2	45	3	VV391	46816601	6x10,03x43,2	G
			EX	V1874	FROM 2011	22,5x6x109,2	45	3	VV391.1 VV391.2		+0,03 +0,23	F3
Fiesta 1.4 TDCi Fusion 1.4 TDCi Fiesta Van 1 TDCi Eng. F6JA/B Duratorq TDCi 1399ccm 50kw(68PS)	01→	73,7	IN	V1205	1145933	32,8x5,5x97,3	45	3	VV399		5,5x9,56x34	G
	02→	4			1152191				VV399N		+0,05	A
			EX	V1206	1145932	30,3x5,5x97,3	45	3	VV399		5,5x9,56x34	G
Fiesta 1.4 TDCi Eng. KVJA 1399ccm	10→	73,7	IN	V2015	1685847 AV6Q6507AA	30,1x5,5x95,5	45	3	VV399		5,5x9,56x34	G
		4	EX	V2016	1685845 AV6Q6505AA	27,4x5,5x95,5	45	3	VV399		5,5x9,56x34	G
Fiesta 1.6 TDCi 16V Fusion 1.6 TDCi 16V Eng. HHJA, HHJB New Focus 1.6 TDCi 16V Focus CMax 1.6 TDCi 16V Eng. G8DA/B, DV6TED4 Eng. GPDA, GPDC 1560ccm 80kw(109PS)	04→	75	IN	V1493	1229882	25,6x5,5x96,4	45	3	VV399		5,5x9,56x34	G
	04→	4							VV399N		+0,05	A
	04→		EX	V1494	1229883	23,4x5,5x96,6	45	3	VV399		5,5x9,56x34	G
	04→								VV399N		+0,05	A
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	IN	V2015	1685847 AV6Q6507AA	30,1x5,5x95,5	45	3	VV399		5,5x9,56x34	G
		4							VV399N		+0,05	A
			EX	V2016	1685845 AV6Q6505AA	27,4x5,5x95,5	45	3	VV399		5,5x9,56x34	G
									VV399N		+0,05	A

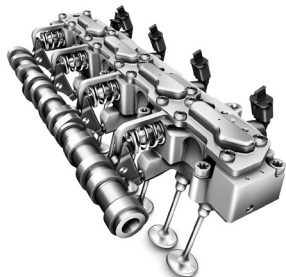
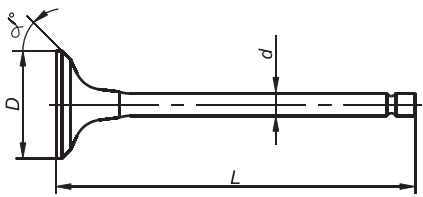
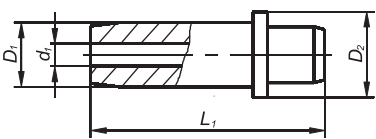
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FORD DIESEL											
Galaxy 1.9 TDI Eng. 1Z, AFN Turbo 1896ccm 66kw(90PS)	95→ 4	IN	V821	028 109 601H 1669766	36x8x96,8 +0,5S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
			V821N1								
		EX	V822	046 109 611F 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
			V822N1								
Galaxy 1.9 TDI Eng. AHU, AFN, AVG Turbo 1896ccm 66/81kw(90/110PS)	97→ 4	IN	V811	028 109 601D 1079769	36x7x96,9 +0,5S	45	3	VV151 VV151N VV151.1	1037143	7x12,07x36,5 +0,05 +0,15	B G
			V811N1								
		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
			V812N1								
Galaxy 1.9TDI Eng. ANU 1896ccm 66kw(90PS)	96→ 4	IN	V919	038 109 601B	36x7x90 +0,5S +1,0S	45	3	VV151 VV151N VV151.1	1037143	7x12,07x36,5 +0,05 +0,15	B G
			V919N1 V919N3								
Galaxy 1.9TDI Eng. AJM,AUY 1896ccm 85kw(115PS)	00→	EX	V920	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
			V920N1 V920N3								
		EX	V1832	038 109 611F	31,5x7x89,5	45	3	VV151 VV151N VV151.1	1037143	7x12,07x36,5 +0,05 +0,15	B G
Escort 1.6 D/LD/GLD Fiesta 1.6 D/LD Orion 1.6 LD/GLD Eng. LTA/B/C – OHC 1608ccm 40kw(54PS)	84→ 84→ 84→	IN	V615	84FM 6507 AC 84FM 6507 AB	34,9x8x107,3	45	3	VV179	7402396	8x12,76x38	G F
			V615.1 V615.2 V615N1								
		EX	V616	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
			V616.1 V616.2 V616N1								

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART N ^o
FORD DIESEL													
Fiesta, Escort 1.8 D Orion 1.8 D Courier Van 1.8D Eng. D18 N/A – RTA/B/C 1753ccm	89→	82,5	IN	V613	89FF 6507 AA	36,5x8x107,1	45	3	VV179	7402396	8x12,76x38	G	
	89→	4		V613N		+0,10d						F	
	91→			V613.1	89FF 6507 BA	+0,20d							
				V613.2	89FF 6507 CA	+0,40d							
				V613N1		+0,5S/+0,60d							
				V613N8		+0,5L							
				V613N9		+0,5L/+0,2d							
	44kw(60PS)			EX	V614	89FF 6505 AA	32x8x109,2	45	3	VV179	7402396	8x12,76x38	G
					V614N		+0,10d						F
					V614.1	89FF 6505 BA	+0,20d						
				V614.2	89FF 6505 CA	+0,40d							
				V614N1		+0,5S/+0,60d							
				V614N8		+0,5L							
				V614N9		+0,5L/+0,2d							
Sierra 1.8 TD Fiesta 1.8 TD Escort 1.8 TD Mondeo 1.8 TD Orion 1.8TD Eng. D18E Turbo 1753ccm	90→	82,5	IN	V613	89FF 6507 AA	36,5x8x107,1	45	3	VV179	7402396	8x12,76x38	G	
	90→	4		V613N		+0,10d						F	
	92→			V613.1	89FF 6507 BA	+0,20d							
	92→			V613.2	89FF 6507 CA	+0,40d							
	90-93			V613N1		+0,5S/+0,60d							
					V613N8		+0,5L						
					V613N9		+0,5L/+0,2d						
	51-66kw(69-90PS)			EX	V614	89FF 6505 AA	32x8x109,2	45	3	VV179	7402396	8x12,76x38	G
					V614N		+0,10d						F
					V614.1	89FF 6505 BA	+0,20d						
				V614.2	89FF 6505 CA	+0,40d							
				V614N1		+0,5S/+0,60d							
				V614N8		+0,5L							
				V614N9		+0,5L/+0,2d							
Focus 1,8 TD/TDCi 16V Eng. C9DC 1753ccm	99→		EX	V614	89FF 6505 AA	32x8x109,2	45	3	VV179	7402396	8x12,76x38	G	
				V614N		+0,10d						F	
					V614.1	89FF 6505 BA	+0,20d						
					V614.2	89FF 6505 CA	+0,40d						
					V614N1		+0,5S/+0,60d						
					V614N8		+0,5L						
					V614N9		+0,5L/+0,2d						
	67kw(91PS)												
	Fiesta 1.8 TDI DI Focus 1.8 TDI DI Courier 1.8 TDI Eng. LD18TCI Turbo 1753ccm	00→	82,5	IN	V1071	1113197	36,5x8x107	45	3	VV179	7402396	8x12,76x38	G
		98→	4		V1071.1		+0,20d						F
99→													
				EX	V1072	1198044	32x8x108,7	45	3	VV179	7402396	8x12,76x38	G
					V1072.1		+0,20d						F
55-85kw(75-115PS)													
Focus 1.8 TDCi Transit 1.8 TDCi Eng. C9DC Turbo, Endura 1753ccm	02→												
	01→												
66kw(90PS)													

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
FORD DIESEL												
Focus 2.0 TDCi 16V C-Max 2.0 TDCi 16V Eng. G6DA, G6DB Duratorq 1997ccm 100kw(136PS)	04→	85	IN	V1313	0948.C0	29,9x6x106,2	45	3	VV378	0220.A2	6x10,06x41,5	G
	03→	4							VV378.1		+0,05	A
			EX	V1314	0949.A9	25x6x106,1	45	3	VV378	0220.A2	6x10,06x41,5	G
									VV378.1		+0,05	A
									VV266	0220.A1	6x12,07x42,5	G
									VV266.1		+0,05	F
New Focus 2.0 TDCi Focus C Max 2.0 TDCi Eng. G6DA/B 1997ccm 100kw(136PS)	04→	85	IN	V1179	1231931	29,8x6x105	45	3	VV378	0220.A2	6x10,06x41,5	G
	03→	4							VV378.1		+0,05	A
			EX	V1180	1231930	25x6x105	45	3	VV378	0220.A2	6x10,06x41,5	G
									VV378.1		+0,05	A
									VV266	0220.A1	6x12,07x42,5	G
									VV266.1		+0,05	F
S-Max 2.0 TDCi New Galaxy 2.0 TDCi Eng. AZWA, QXWA, QXWB 1997ccm	06→	85	IN	V1179	1231931	29,8x6x105	45	3	VV378	0220.A2	6x10,06x41,5	G
		4							VV378.1		+0,05	A
Kuga 2.0 TDCi 16V Mondeo IV 2.0 TDCi 16V Eng. QXBA, UFBA 1997ccm			EX	V1180	1231930	25x6x105	45	3	VV378	0220.A2	6x10,06x41,5	G
									VV378.1		+0,05	A
									VV266	0220.A1	6x12,07x42,5	G
									VV266.1		+0,05	F
Mondeo IV 2.0 TDCi Eng. TXBA, TXWA 1997ccm		85	IN	V2051	1683701 9M5Q6705AA	27,25x6x104,5	45	3				
		4										
			EX	V1180	1675716	25x6x105	45	3				
S-Max 2.2 TDCi 16V Mondeo 2.2 TDCi 16V Eng. Q4AB 2179ccm	08→	85	IN	V1723	0948.E5	27,2x6x95,8	45	3	VV378	0220.A2	6x10,06x41,5	G
	08→	4							VV378.1		+0,05	A
			EX	V1724	0949.E1	25x6x95	45	3	VV378	0220.A2	6x10,06x41,5	G
									VV378.1		+0,05	A
Galaxy 2.2 TDCi 16V Mondeo IV 2.2 TDCi Eng. Q4BA 2179ccm 129kw(175PS)	08→	85	IN	V1723	0948.E5	27,2x6x95,8	45	3	VV378	0220.A2	6x10,06x41,5	G
	08→	4							VV378.1		+0,05	A
			EX	V1724	0949.E1	25x6x95	45	3	VV378	0220.A2	6x10,06x41,5	G
									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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
FORD DIESEL											
Econovan 2.0 Eng. RF Mazda 1998ccm 41kw(56PS)	85→ 4	IN	V1023	RF01-12-111	41x8x107	45	1	VV279	011 10 280	8x14,04x40,5	G A1
		EX	V1024	RF01-12-121	36x8x106,8	45	1	VV280	011 10 290	8x14,04x37,7	G A16
Transit 2.0 TD Eng. D3FA Transit 2.0 TDI Eng. F3FA Turbo 1998ccm 55/66kw(75/90PS)	00→ 4	IN	V1065	1121333	29,7x7x122,2	60	3	VV525 VV525N	XSQ6510AC	7x12,06x51,5 +0,05	G A
		EX	V1066	1121332	25,8x7x122,2	45	3	VV525 VV525N	XSQ6510AC	7x12,06x51,5 +0,05	G A
Transit 2.0 DI Eng. ABFA/ABFB Duratorq 1998ccm 74kw(100PS)	00→										
Mondeo 2.0 DI 16V Eng. D6BA, FMBA, HJBA Duratorq DI Eng. HJBB, HJBC, Duratorq 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	V1065	1738494 1217148	29,7x7x122,2	60	3	VV525 VV525N	XSQ6510AC	7x12,06x51,5 +0,05	G A
		EX	V1066	1706990 BK2Q6505BB	25,8x7x122,2	45	3	VV525 VV525N	XSQ6510AC	7x12,06x51,5 +0,05	G A
Nuovo Transit 2.4 TD Eng. DT24N Duratorq – F4FA 2402ccm 55kw(75PS) Nuovo Transit 2.4 TD Eng. DT24HIP Duratorq – F2FA 2402ccm 66/88kw(90/120PS)	99→ 4	IN	V1361	YCIQ6507A2B 1096250	31,3x7x122,2	60	3	VV525 VV525N	XSQ6510AC	7x12,06x51,5 +0,05	G A
		EX	V1362	YCIQ6505A2B 1096248	27,8x7x122,2	45	3	VV525 VV525N	XSQ6510AC	7x12,06x51,5 +0,05	G A
Transit 2.4 TDCi 16V Eng. PHFA, PHFC 2402ccm	89,9 4	IN	V1065	1121333 1121331	29,7x7x122,2	60	3	VV525 VV525N	XSQ6510AC	7x12,06x51,5 +0,05	G A
		EX	V1066	1121332	25,8x7x122,2	45	3	VV525 VV525N	XSQ6510AC	7x12,06x51,5 +0,05	G A

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART N ^o
FORD DIESEL													
Bronco 2.3 TD Eng. 4D55T Turbo 2343ccm 62/70kw(84/95PS)	85→	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 Eng. VM Turbo Diesel 2498ccm 87/92kw(118/125PS)	93→	92 4	IN	V1167	V94DD6507AA	40,2x8x121	55	1	VV411 VV411.1 VV411.2 VV521 VV521.1 VV521.2		8x14,06x55 +0,03 +0,18 8x14,06x55 +0,03 +0,18	G A G F	
			EX	V1168	V94DD6505AA	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	
			IN	V2047	1449108 6M346507AA	31x6x112	45	1					
			EX	V2048	1449109 6M346505AA	28x6x112	45	1					
Transit 2.5 DI Transit 2.5 TD Eng. D25/D25T Turbo 2496ccm 34/52kw(46/71PS)	84→ 91→	93,67 4	IN	V789	894F6507A1B	42x9x124,5	60	3	VV175 VV175N	844 F6510 CA	9x14,75x56,5 +0,05	G A1	
			EX	V790	894F6505A1B	36,3x9x123,9	45	3	VV175 VV175N	844 F6510 CA	9x14,75x56,5 +0,05	G A1	
Sierra 2.3 D/LD/GLD Granada 2.3 D/LD/GLD/Turnier Scorpio 2.3 D/LD/GLD/Turnier Eng. LXD2, LXD2P, YTR, YTT 2304ccm 49kw(67PS)	82→	94 4	IN	V785	83EM 6507 AA	40,4x8,5x116,2	60	1	VV219 VV219.1 VV219.2 VV219.3	0220.16 0220.19	8,5x14,05x55 +0,05 +0,10 +0,20	G A	
			EX	V786	78EM 6505 AA	33,4x8,5x116,2	45	1	VV219 VV219.1 VV219.2 VV219.3	0220.16 0220.19	8,5x14,05x55 +0,05 +0,10 +0,20	G A	

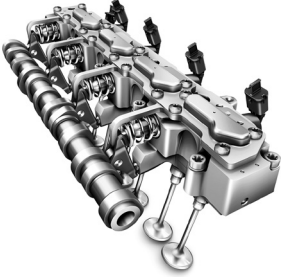
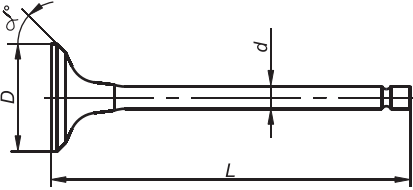
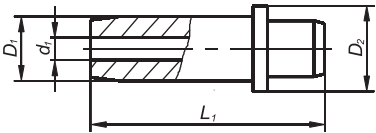
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

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	65→	3										
2870ccm	32/35kw(44/47PS)											
Eng. RD	65→	4										
3815ccm	46/50kw(62/68PS)											
Eng. 2504E	65→	3										
2870ccm	35kw(47PS)											
Eng. 675TA/HD		112	IN	V2275	87802256	47,5x9,5x147	60	3				
7480ccm	106kw(144PS)	6										
NEW			EX	V2276	87802258	43x9,5x146,6	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

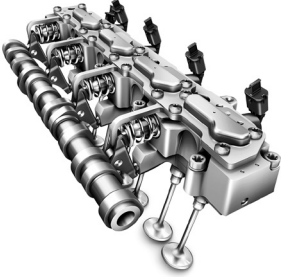
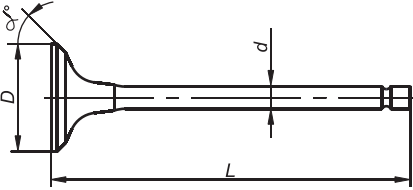
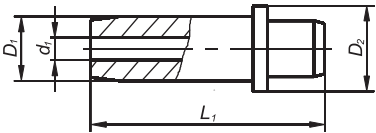
FORD TRACTOR

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		EX	V314		46,6x10x165,3	45	1	VV18		10x16,03x83	G
Cargo 2220	82-84		EX	V572		46,6x10x165,3	45	4	VV18N VV18.1 VV18.2		+0,05 +0,25 +0,50	A1
Cargo 2420	82-99											
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		EX	V314		46,6x10x165,3	45	1	VV18		10x16,03x83	G
Cargo 2817	82→		EX	V572		46,6x10x165,3	45	4	VV18N VV18.1 VV18.2		+0,05 +0,25 +0,50	A1
Eng. F6L 413 F 9572ccm	104/188kw(141/256PS)											

FSD/DAEWOO

FSD 1500	75 4	IN	V05	4207966 4127674	35x8x110	45	11					
1481ccm	52kw(75PS)		EX	V06	4207968 4127675	31,5x8x104,6	45	11				
Polonez 1.4 Rover	94→	75 4	IN	V1329	LGH10029 GH10029	27,7x6x89,6	45	1	VV269 VV269N	WAM 1452	6x9,85x30 +0,05	G A
Eng. 14K4D, 14K4F 1396ccm	66/70kw(90/95PS)		EX	V1330	LGH10028 GH10028	24,2x6x90	45	1	VV269 VV269N	WAM 1452	6x9,85x30 +0,05	G A

1	2	3	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		
														4	5
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	+0,5S
														V721N3	+1,0S
														EX V710	93510774 LGH10052 0949.47
V710N1	+0,5S														
V710N3	+1,0S														
GANZ MAVAG															
XVI JV 170/240 641-000	60-61		IN	V501	3-90573	84x18x257,5	60	12	VV79			18x47/30,05x156	G G		
														EX V502	3-90572
XVI JV 170/240 641-100 641-200	70-72												G		
GAZ															
3308 Eng. D240 4750ccm	14→	4	IN	V1053	2401007014B4 2401007014B7 2401007014B9	48x11x158	60	8							
														EX V1052	2401007015B6 2401007015B7 2401007015B9
3309 Eng. D245/D260 7120ccm NEW	14→	6													
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

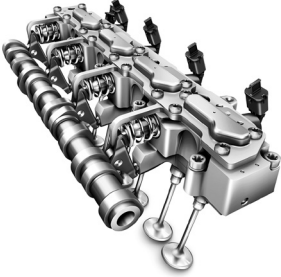
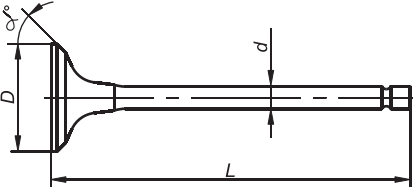
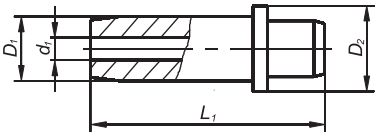
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

G.M.C. (U.S.A.)

Chevy Lumina Malibu Pontiac Buick 3500ccm NEW	04→	6	IN	V2277	12568411	44,7x8x118,9	45	1				
			EX	V2278	12577696	36,1x8x120,8	45	1				
Buick Hummer H3 2491ccm Eng. Vortec 256C.I. 3651/4200ccm NEW	09→	4 6	IN	V2279	12601763	38,6x6x105,8	45	3				
			EX	V2280	12601762	33,5x6x107,9	45	3				
C Truck K Truck Hummer H2 NEW			IN	V2281	12590771	55x8x123,9	45	1				
			EX	V2282	12617533	40,4x8x124,7	45	1				
Hummer H3 NEW			IN	V2229		37x6x105,4	45	3				
			EX	V2230		30,5x6x107,8	45	3				

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							
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							

	CYL. Ø Nº	IN 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

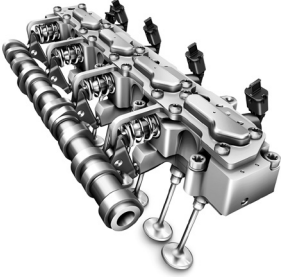
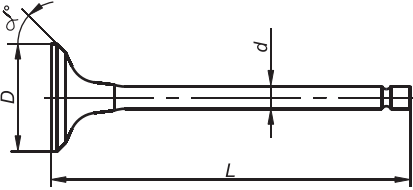
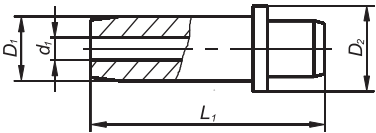
G.M.C. (U.S.A. DETROIT DIESEL)

Eng. (6A-71)	107 2/6	EX	V494	5193197	40,3x8,7x163,7	60	5				
Eng. 16V-149 1326kw(1800PS)	16V	EX	V464	8928729	45,7x9,5x184,8	60	5				
Eng. 16V-149 1475kw(2000PS)	16V	EX	V465	23502345	45,7x8,6x191,6	60	1				
GMC 567C 567F 661 60-72		EX	V434	K9319735 (KC-31035)	63,5x15,8x268	60	1				
Eng. 60 Series Natural Gas Eng. 677/775 NEW		IN	V2267	23518745	44x8,7x216,9	70	1				
		EX	V2268	23519093	39x8,7x216,4	70	11				
DD13 Eng. OM471 12800ccm NEW	11→ 6	IN	V2269	471 050 0 426	45,2x9,5x240	70	1				
		EX	V2270	471 050 0 527	43,5x9,5x246,6	60	1				
DD15 DD16 Eng. OM472 Eng. OM473 NEW		IN	V2271	472 050 0 126 473 050 0 126	47,2x9,5x240	70	1				
		EX	V2272	473 050 0 127	45,1x9,5x246,6	60	1				

HANOMAG

Eng. 615.910 2197ccm	71-74 44kw(60PS)	87 4	IN	V857 V857N3		38,8x10x131,5 +1,0S	60	17	VV117 VV117.1 VV117.2		10x14,03x60 +0,05 +0,20	G A1
Eng. 615.912 2197ccm	71-74 44/49kw(60/67PS)		EX	V652 V652N3		33,2x10x131 +1,0S	60	17	VV118 VV118.1 VV118.2		10x14,03x48,5 +0,05 +0,20	G A1
Eng. 615.917 2197ccm	73-74 44kw(60PS)											
Eng. 615.936 2197ccm	72 44/49kw(60/67PS)											

1	2	3	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
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 Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS 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 0026 s.e. 2,7 mm	59x12x142,5	60	5.1				
				V466N1 V466N3		+0,5S +1,0S						
			EX	V299* * Retainer	403 050 1027 s.e. 7,5 mm	51x12x142,5	45	5	VV27 VV27N VV27.1 VV27.2	422 053 0430	12x18,03x67 +0,05 +0,20 +0,40	G F
				V299N3		+1,0S						
			EX	V312* * Retainer	423 050 0427 s.e. 7,5 mm	51x12x142,5	45	5.1				
				V299N3		+1,0S						
			EX	V467* * Retainer	422 050 0027 s.e. 2,7 mm	51x12x142,5	45	5.1				
				V467N1 V467N3		+0,5S +1,0S						

HILLMAN

Commer 1500 PA Van	61-65	81,535	IN	V557	1218394	36,4x8x118,4	45	1				
Commer 2500 PA Van	61-65	4										
Hillman Minx	61-65		EX	V558	1218383	29,8x8x118,4	45	1				
Hillman Super Minx	61-65											
Humber Suptre Mk. II	61-65											
Singer Gazelle	61-65											
Singer Vogue Mk. I/II	61-65											
Sunbeam Alpine	61-65											
Series II												
Sunbeam Rapier	61-65											
Series IIIa												
1592ccm	46kw(62PS)											

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
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 V563	71262714 2555 2600	+ 0,075d + 0,38d	45 45	1 1				
Avenger 1600 GLS/GT/TC Sunbeam 1,6TC 1598ccm	73-81 73-81 75kw(101PS)		IN	V565	71262716 2555 2700	+ 0,76d	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				

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
HILLMAN												
Hillman Hunter Humber Spectre Singer Gazelle/Vogue Sunbeam Alpine/Riper Paykan Aluminium Cylinder Head Hillman Hunter GLS Sunbeam Riper H120 Holbay Cylinder Head 1725ccm	66-72 66-72 66-72 66-72 80-→		IN EX	V813 V814	1235104 1235105 1240265	38,2x7,9x118,4 30,6x7,9x118,4	45 45	1 1				
HONDA												
Jazz 1.2 DSi Eng. L12A1 1246ccm	03-→	73 4	IN	V1717	14711-PWA-000	32x5,5x118,3	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
Jazz 1.4 DSi Eng. L13A1 1339ccm	03-→		EX	V1718	14721-PWA-000	28x5,5x118	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P
Civic VII 1.4i 16V Jazz III 1.4i 16V Eng. L13Z1 1339ccm	08-→	73 4	IN	V2059	14711-RB0-000	28x5,5x118,9	45	1				
			EX	V2060	14721-RB0-000	23x5,5x117,6	45	1				
Civic 1.4 16V Eng. D14 A4/E1 1396ccm	97-→	75 4	IN	V1497	14711-P07-000	27,4x5,5x120	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
	66kw(90PS)		EX	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 Acord LS 1.6 16V Eng. D16 B6/V1 1590ccm	01-→ 98-→											
	81/85kw(110/115PS)											
Civic VX V-TEC 1.5 16V Civic LS 1.5 16V Eng. D15Z3 1493ccm	92-→ 92-→	75 4	IN	V1497	14711-P07-000	27,4x5,5x120	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
	69/84kw(94/114PS)		EX	V1498	14721-P07-000	23,4x5,5x117,5	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
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)											

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
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	00→	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
Accord V-TEC 1.6i 16V Eng. D16B6	98→	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 V-TEC 1.6i 16V Eng. D16Y5	00→	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
HRV V-TEC 1.6i 16V Eng. D16W1/W5 1590ccm	03→	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
FRV V-TEC 1.7i 16V Stream V-TEC 1.7 16V Eng. D17A2 1668ccm	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
Civic 1.5 16V 1493ccm	88→	75	4	IN	V897	14711-PT2-000	34x6,6x103,7	45	1				
Accord 2.3 16V Prelude 2.3 Si 16V Eng. H23 A2/A3 2259ccm	93→ 92→	87	4	IN	V897	14711-PT2-000	34x6,6x103,7	45	1				
Acura 1.6i 16V Civic Hatchback 1.6i 16V Concerto 1.6i 16V CRX 1.6i 16V Eng. D16A DOHC 1590ccm	88→ 88→ 89→ 88→	75	4	IN	V1015	14711-PG6-000	30x6,6x105,5	45	1				
Civic 1.6 VTi 16V CRX 1.6 VTi 16V Integra 1.6 VTi 16V Eng. B16A2 1590ccm	91-01 92-98 89-93	81	4	IN	V1641	14711-PR3-000	33x5,5x102,3	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P

1	2	3	4	5	6	7	8	9	10	11	12
HONDA											
Civic 1.8i 16V V-TEC 06→ FR-V 1.8i 16V V-TEC 05→ Eng. R18A1/A2 1799ccm 103kw(140PS)	81	IN	V1682 14711-RNA-000	32x5,5x116,7	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5	G	P
CR-V 2.0i 16V V-TEC 02→ FR-V 2.0i 16V V-TEC 05→ Eng. K20A4 1997ccm 110kw(150PS)	81	IN	V2061 14711-R60-U00	33x5,5x117,9	45	1					
CR-V 2.0i 16V 95→ Eng. B20B 1973ccm 103kw(140PS)	84	IN	V1891 14711-P75A00	31x6,6x105,6	45	1	VV499 VV500	12204-PM7-305	6,6x12,1x45	G	F
Accord 1.8i 16V 98-02 Eng. F18B2 1850ccm 100kw(136PS)	85	IN	V1499 14711-P0A-000 14711-PDA-E00	34x5,5x116	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5	G	P
Accord 2.0i 16V 98-02 Eng. F20B6 1997ccm 108kw(147PS)	85	IN	V1529 14711-PM3-000	29x5,5x115	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5	G	P
Accord 2.2i V-TEC 16V 96-98 Eng. F22Z2 2156ccm 110kw(150PS)											
Shuttle 2.3i 16V 97-02 Eng. F23A7 2254ccm 110kw(150PS)											

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	IN	V1529	14711-PM3-000	29x5,5x115	45	1	VV347	12204-PJ7-305	5,5x11,06x47,5	G
	4	EX	V1530	14721-PM3-000	24,9x5,5x118,7	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	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)											
S 2000 09→ Eng. F20C/F22C1	4	IN	V2285	14711-PCX000	35,9x5,5x109,7	45	1				
		EX	V2286	14721-PCX000	31x5,5x108,7	45	1				
Accord 1.8i 16V 93→ Eng. F18 A3 1850ccm 85/100kw(116/136PS)	85	IN	V1435	14711-PT3-A00	34x5,5x112,1	45	1	VV347	12204-PJ7-305	5,5x11,06x47,5	G
	4	EX	V1436	14721-PT3-A00 14721-PT6-A00	29x5,5x123,5	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	P
Accord 2.0i 16V 93→ Accord Coupe 2.0i 16V 93→ Aerodeck 2.0i 16V 94→ Prelude 2.0i 16V 94→ Eng. F20 A3/B3 1997ccm 98/108kw(133/147PS)											
Accord 2.2i 16V 90-93 Accord Coupe 2.2i 16V 93→ Aerodeck 2.2i 16V 94→ Eng. F22A A1/B5/Z2 2156ccm 108/110kw(147/150PS)											
Accord Type R 2.2 16V 98→ Prelude V-TEC 2.2 16V 93→ Eng. H22 A2/A7 2157ccm 136/156kw(185/212PS)	85	IN	V1501	14711-P13-000	35x5,5x106,7	45	1	VV463	12204-P13-305	5,5x12,11x43,5	G
	4	EX	V1502	14721-P13-000	30x5,5x106,9	45	1	VV463N VV464 VV464N	12205-P13-305	5,5x12,11x52 +0,05	F
Accord 2.2i V-TEC 16V 93→ Shuttle 2.2i 16V 93→ Eng. F22/F22A3 2156ccm 108/110kw(1147/1150PS)	86	IN	V1499	14711-P0A-000 14711-PDA-E00	34x5,5x116	45	1	VV347	12204-PJ7-305	5,5x11,06x47,5	G
	4	EX	V1500	14721-P0A-000 14721-PDA-E00	29x5,5x114,2	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	P

1	2	3	4	5	6	7	8	9	10	11	12
HONDA											
Accord 2.3i 16V 98→ Shuttle 2.3i 16V 98→ Eng. F23A7 2254ccm 118kw(160PS)	86	IN	V1499	14711-P0A-000	34x5,5x116	45	1	VV347	12204-PJ7-305	5,5x11,06x47,5	G
	4			14711-PDA-E00				VV347N		+0,05	P
		EX	V1500	14721-P0A-000	29x5,5x114,2	45	1	VV348	12205-PJ7-305	5,5x11,06x54	G
				14721-PDA-E00				VV348N		+0,05	P
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	IN	V1665	14711-PNA-000	35x5,5x109,1	45	1	VV349	12204-PNA-305	5,5x11,11x41,5	G
	4										P
		EX	V1666	14721-PNA-000	29,9x5,5x108,5	45	1	VV350	12205-PNA-305	5,5x11,11x45,5	G
											P
Accord 2.4 16V 03→ Eng. K24A 2400ccm 140kw(190PS)											
Accord Type R 2.2 16V 98→ Prelude V-TEC 2.2 16V 93→ Eng. H22 A2/A7 2157ccm 136/156kw(185/212PS)	87	IN	V1501	14711-P13-000	35x5,5x106,7	45	1	VV463	12204-P13-305	5,5x12,11x43,5	G
	4							VV463N		+0,05	F
		EX	V1502	14721-P13-000	30x5,5x106,9	45	1	VV464	12205-P13-305	5,5x12,11x52	G
								VV464N		+0,05	F
Odyssey 06→ Accord Pilot Acura CL/TL Acura MDX Ridgeline 2300ccm NEW	V6	IN	V2283	14711-P8E-A00	35x5,5x116	45	1				
		EX	V2284	14721-P8E-A00	30x5,5x114,2	45	1				
Accord 2.4 V-TEC 11→ Eng. K24Z3 3254ccm NEW	4	IN	V2287	14711-R40-A00	36x5,5x108,7	45	1				
		EX	V2286	14721-R40-A00	31x5,5x108,7	45	1				
Legend II 3.2i 24V 91-96 Legend II Coupe 3.2i 24V 91-96 Eng. C3242 3206ccm 151kw(205PS)	90	IN	V1529	14711-PM3-000	29x5,5x115	45	1	VV347	12204-PJ7-305	5,5x11,06x47,5	G
	6							VV347N		+0,05	P
		EX	V1530	14721-PM3-000	24,9x5,5x118,7	45	1	VV348	12205-PJ7-305	5,5x11,06x54	G
								VV348N		0,05	P

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE										
														4	5	6	7	8	9	10	11	12	
HONDA																							
Legend III 3.5i 24V Eng. C35A2 3474ccm 151kw(205PS)	90 6	IN	V1529	14711-PM3-000	29x5,5x115	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P	EX	V1530	14721-PM3-000	24,9x5,5x118,7	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 0,05	G P		
HONDA DIESEL																							
Civic 1.7 CTDi 16V Eng. 4EE-2 1686ccm 74kw(101PS)	03→ 4	79	IN	V977	14711-PLZ-D00	27,4x6x98,5	45	1	VV231 VV231N	6x11,05x42 +0,05	G F	EX	V978	14721-PLZ-D00	26,5x6x98,1	45	1	VV231 VV231N	6x11,05x42 +0,05	G F			
Concerto 1.8 TD Eng. XUD7 TE 1769ccm 64/66kw(88/90PS)	94→ 4	80	IN	V721 V721N1 V721N3	0948.59	38,5x8x112,4 +0,5S +1,0S	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,20	B A	EX	V710 V710N1 V710N3	0949.73	33x8x111,9 +0,5S +1,0S	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,20	B A	
Civic 2.0 TDi Accord 2.0 TDi Eng. 20T2 R/N Turbo 1994ccm 63/77kw(86/105PS)	97→ 96→ 4	84,4	IN	V1333	14711-P5T-G01	37,2x7x86,7	45	1	VV375	12204-P5T-G00	7x12,04x28,3	G A	EX	V1334	14721-P5T-G01	32,5x7x86,7	45	1	VV375	12204-P5T-G00	7x12,04x28,3	G A	
Accord 2.2i DTEC CRV 2.2i DTEC Eng. N22B1, N22B3 2199ccm	08→ 4	85	IN	V2063	14711-RL0-G00	27,9x5,5x98,9	45	1					EX	V2064	14721-RL0-G50	26x5,5x98,9	45	1					
Accord 2.2 CDTi 16V FR-V 2.2 CDTi 16V Eng. N22A1	03→ 05→ 4	87	IN	V1719	14711-RBD-E00	28x5,5x100,7	45	1	VV441	12204-RBD305	5,5x11,11x39	G P	EX	V1720	14721-RBD-E00	26x5,5x100,4	45	1	VV442	12205-RBD305	5,5x11,11x43	G P	
Civic 2.2 CDTi 16V CR-V 2.2 CDTi 16V Eng. N22A2 2204ccm 103kw(140PS)	06→ 02→ 4																						

1	2	3	4	5	6	7	8	9	10	11	12
HYUNDAI											
Atos 1.0 12V Prime 1.0 12V Eng. G4HC 999ccm 40kw(54PS)	99→ 99→	66 4	IN EX	V1509 V1510	22211-02500 22212-02500	23x5,4x100,3 27,1x5,4x100,1	45 1 45 1	VV387 VV388	22114-02500 22115-02500	5,5x10,06x47 5,5x10,06x48	G P G P6
Getz 1.1 12V Atos Prime 1.1 12V Eng. G4HD 1086ccm 43kw(58PS)											
i10 1.1 12V Eng. G4HG 1086ccm	08→	67 4	IN EX	V1751 V1752	22211-02200 22212-02200	23,5x5,5x99,6 27x5,5x99	45 1 45 1	VV388 VV388	22115-02500 22115-02500	5,5x10,06x48 5,5x10,06x48	G P6 G P6
i10 1.0 12V Eng. G3LA 998ccm	11→	71 3	IN EX	V2065 V2066	22211-04000 22212-04000	26,8x5,5x93 24,1x5,5x93,4	45 1 45 1	VV388 VV388	22115-02500 22115-02500	5,5x10,06x48 5,5x10,06x48	G P6 G P6
Excel, Pony 1.3 Eng. G13B OHC 1299ccm 50kw(67PS)	85→	71 4	IN EX	V1145 V1146	MD-016 460 22211-21010 MD-016 461 22212-21004	34x6,6x102,1 30x6,6x100,9	45 1 45 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 1 45 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 1 45 1	VV409 VV410	22114-22905 22115-22905	6x11,11x42,7 6x11,11x39	G P G P

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
HYUNDAI												
Accent SW 1.5 12V Lantra SW 1.5 12V S Coupe 1.5 12V Eng. G4EK/E8 1495ccm	94→ 96→ 92-96 65kw(88PS)	71,5 4	IN EX	V1041 V1042	22211-22003 22212-22011	27,5x6x99 32x6x98,4	45 45	1 1	VV409 VV410	22114-22905 22115-22905	6x11,11x42,7 6x11,11x39	G P G P
Pony 1.5i Eng. 4615 1468ccm	90→ 62/66kw(84/90PS)	75,5 4	IN EX	V1619 V1620		31x6,6x100,9 33x6,6x101	45 45	1 1				
Getz 1.4 16V Accent 1.4 16V Vema 1.4 16V Eng. G4EE 1399ccm	05→	75,5 4	IN EX	V1507 V1508	22211-26600 22212-26000	29,1x6x91,9 25x6x92,4	45 45	1 1	VV385 VV386	22114-26000 22115-26000	6x11,07x36,5 6x11,07x41	G F G P6
Coupe 1.6 Lantra 1.6 Eng. G4DG 1597ccm	00→ 00→	76,5 4	IN EX	V1737 V1738	22211-23100 22212-23100	30x6x102,9 25,5x6x105,3	45 45	1 1				
Coupe 1.6i 16V Elantra 1.6i 16V Getz 1.6i 16V Matrix 1.6i 16V Eng. G4ED 1599ccm	01-04 00-04 03-04 01-04	76,5 4	IN EX	V1507 V1508	22211-26600 22212-26000	29,1x6x91,9 25x6x92,4	45 45	1 1	VV538 VV538		6x11,07x40 6x11,07x40	G P G P
i20 1.4 16V i30 1.4 16V Eng. G4FA 1396ccm	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	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

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

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
HYUNDAI												
Coupe 2.7 V6 24V	02→	86	IN	V1657	22211-37201	32x6x96,2	45	1	VV445	22114-23000	6x11,06x39	G P
Santa Fe 2.7 V6 24V	04→	V6										
Sonata 2.7 V6 24V	00→											
Sonica 2.7 V6 24V	01→		EX	V1658	22212-37200	27,5x6x97,3	45	1	VV446	22115-37100	6x11,11x43	G P6
Trajet 2.7 V6 24V	00→											
Tucson 2.7 V6 24V	04→											
Eng. G6BA 2656ccm	123/125/127/129kw											
Sonata 2.0 16 VVTI	08→	86	IN	V2067	22211-2G000	35x5,5x113,3	45	1				
ix 35 2.0 16V	10→	4										
Eng. G4KD 1998ccm			EX	V2068	22212-25002	29x5,5x106	45	1				
Tucson 2.7 V6 24V	04→	86,7	IN	V1735	22211-23600	32x6x114,4	45	1	VV423	22114-23901	6x11,11x39	G P
Eng. G6BA 2656ccm		V6										
			EX	V1736	22212-23600	27,5x6x116,7	45	1	VV424	22115-23901	6x11,11x44,5	G P6
HYUNDAI DIESEL												
i10 1.1CRDI 12V	08→	75	IN	V1741	22211-2A100	26,1x5,5x93,1	45	3	VV573		5,5x11,03x31,5	G F
Eng. D3FA 1120ccm	55kw(75PS)	4										
			EX	V1742	22212-2A100	21x5,5x93,7	45	3	VV574		5,5x11,03x31,5	G F6
i20 1.4CRDI 16V	08→	75										
ix 20 1.4CRDI 16V	10→	4										
ix 30 1.4CRDI 16V	11→											
Eng. D4FC 1396ccm												
Accent 1.5CRDI 16V	05→	75	IN	V1741	22211-2A100	26,1x5,5x93,1	45	3	VV573		5,5x11,03x31,5	G F
Getz 1.5CRDI 16V	05→	4										
Vema 1.5CRDI 16V	05→											
Matrix 1.5CRDI 16V	04→		EX	V1742	22212-2A100	21x5,5x93,7	45	3	VV574		5,5x11,03x31,5	G F6
Eng. D4FA 1493ccm	81kw(110PS)											

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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
HYUNDAI DIESEL											
i20 1.6CRDI 16V i30 1.6CRDI 16V Cerato 1.6CRDI 16V Eng. D4FB/L 1582/1597ccm	08→ 08→ 08→ 66/85kw(90/115PS)	77,2 4	IN EX	V1741 V1742	22211-2A100 22212-2A100	26,1x5,5x93,1 21x5,5x93,7	45 3 45 3	VV573 VV574		5,5x11,03x31,5 5,5x11,03x31,5	G F G F6
ix 35 1.7 CRDI 16V i 40 1.7 CRDI 16V Eng. D4FD 1685ccm	10→ 11→	77,2 4	IN EX	V1741 V1742	22211-2A100 22212-2A100	26,1x5,5x93,1 21x5,5x93,7	45 3 45 3	VV573 VV574		5,5x11,03x31,5 5,5x11,03x31,5	G F G F6
Matrix 1.5 CRDi 12V Accent 1.5 CRDi 12V Getz 1.5 CRDi 12V Eng. D3EA VM R 1493ccm	01→ 02→ 03→ 60kw(82PS)	83 3	IN EX	V1395 V1396	22211-27000 22212-27000	28,5x6x95,7 24,4x6x95,4	45 1 45 1	VV389N VV389N	22114-27000 22114-27000	6x11,06x36,6 6x11,06x36,6	G P G P
Elantra 2.0 CRDi 16V i30 2.0 CRDi 16V Santa Fe 2.0 CRDi 16V Sonata 2.0 CRDi 16V Trajjet 2.0 CRDi 16V Tucson 2.0 CRDi 16V Eng. D4EA - VM 1991ccm	01→ 07→ 01→ 06→ 01→ 04→ 83/103kw(113/140PS)	83 4	IN	V721 V721N1 V721N3	22211-29000	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
Elantra 1.9 D Eng. DJY Lantra 1.9 CRDi Eng. XUD9A Peugeot 1905ccm	95-00 98-00 47-52kw(64-71PS)	83 4	IN EX	V710 V710N1 V710N3	22212-29000	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
ix 35 2.0 CRDi 16V Santa Fe II 2.0 CRDi 16V Eng. D4HA 1995ccm	10→	84 4	IN EX	V2069 V2070	22211-2F000 22212-2F000 22212-2F010	29x6x108,5 26x6x108,3	45 3 45 3				

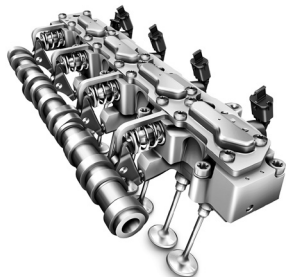
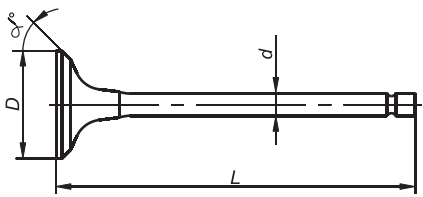
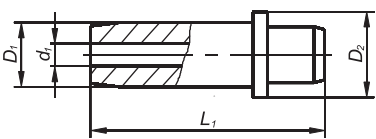
1	2	3	4	5	6	7	8	9	10	11	12
HYUNDAI DIESEL											
Santa Fe II 2.2 CRDi 16V 09→ Santa Fe III 2.2 CRDi 16V 12→ Eng. D4HB 2199ccm	85,4 4	IN EX	V2069 V2070	22211-2F000 22212-2F000 22212-2F010	29x6x108,5 26x6x108,3	45 45	3 3				
H200 2.5 CRDi 16V 03→ H1 2.5 CRDi 16V 08→ Eng. D4CB 2497ccm	91 4	IN EX	V1845 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 93→ Eng. D4BA, D4BX 2476ccm 55kw(75PS)	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 97→ H-100 Bus 2.5 D 93-00 Starex 2.5 D 97→ Eng. D4BB H-100 Bus 2.5 D 93→ Eng. D4BA, D4BX 2476ccm 55kw(75PS)	91,1 4	IN EX	V1213 V1214	22211-42200 22212-42200	42x8x136,1 36x8x136,1	45 45	1 1	VV407 VV407.1 VV408 VV408.1	22114-42000 22114-42900 22115-42000 22115-42900	8x13,08x71 +0,03 8x13,08x74 +0,03	G P G P6
Galoper 2400 Turbo 94→ Eng. 4D55T 2343ccm 49kw(67PS)	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)											

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
HYUNDAI DIESEL												
Galoper 2.5 TD H-1 2.5 TD Starex 2.5 TD Eng. D4BB, D4BF Galoper 2.5 TD H-1 2.5 TD Terracan 2.5 TD Eng. D4BH H100 2.5 TD Eng. D4BA, D4BF, D4BX 2476ccm 55/65/73/77kw	91→ 91→ 97→ 98→ 98→ 01→	91,1 4 EX	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
Eng. D10 UTS 155E1 Eng. D10 UTS 180E1 Euro 1 10351ccm 133/235kw(181/320PS)		121 6	IN EX	V420 V421	10 04101 0008 3 04101 0803 10 04101 0001 10 04101 0009 3 04101 0804 10 04101 0002	50x11x166,5 48,5x11x166,5	60 45	1 1	VV140 VV140		11x18,04x71 11x18,04x71	G F G F

1	2	3	4	5	6	7	8	9	10	11	12
IKARUS											
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
		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			VV03 VV03N4 VV03.1 VV03N VV03N7 VV03N1 VV03N6		700 257	8x12,73x62 +0,02 +0,05 +0,1 +0,15 +0,20 -0, 03d1
ENG. M 34 43kw(58PS)	91,4 4		V07N2 V07N3 V07N4 V07N5		+1,2D +0,8S +1,0S +2,0S					+0,1 +0,15 +0,20 -0, 03d1	
ENG. DM 32 22kw(30PS)	91,4 2	IN	V263 V263N V263N1	717 506	39x8x114,3 +0,3S +0,5S	55	1	VV03N6 VV03N9		8x12,73x62 +0,05	G A6
		EX	V264 V264N V264N1 V264N2 V264N3	717 505	33,4x8x114,3 +0,3S +0,5S +0,8S +1,0S			VV03N6 VV03N9			8x12,73x62 +0,05
ENG. DM 33 35kw(48PS)	91,4 3		V263N2 V263N3		+0,8S +1,0S						

1	2	3	4	5	6	7	8	9	10	11	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	
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										
			V199N		+0,3S			VV01N		+0,05											
			V199N1		+0,5S			VV01N2		+0,40											
	ENG. S 44A 60kw(82PS)	101 4	IN	V199N2	701 440	+0,8S	45	1	VV01	701 436	9,5x15,9x58	G									
				V199N3		+1,2S							VV01N	+0,05							
				V199N5		+0,5S/+0,2d									VV01N2	+0,40					
	ENG. S 46 77kw(105PS)	98,4 6	IN	V199N6	701 440	+0,5d	45	1	VV01	701 436	9,5x15,9x58	G									
				V199N7		+0,2d							VV01N	+0,05							
				V199N9		+1,2S/+0,5d									VV01N2	+0,40					
			EX	V200	717 664	36,6x9,5x123,3	45	1	VV02	701 437	9,5x15,9x61	G									
				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	44,3x9,5x122,9	45	1	VV01	701 436
													V199N	+0,3S	VV01N		+0,05				
													V199N1	+0,5S	VV01N2		+0,40				
	ENG. TS 46 109kw(148PS)	98,4 6	IN	V199N2	732 917	+0,8S	45	1	VV01	701 436	9,5x15,9x58	G									
				V199N3		+1,2S							VV01N	+0,05							
				V199N5		+0,5S/+0,2d									VV01N2	+0,40					
		EX	V577	732 916	36,6x9,5x123,3	45	1	VV02	701 437	9,5x15,9x61	G										
			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																				

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										

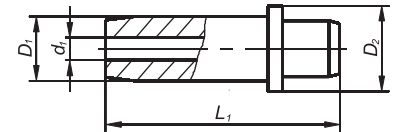
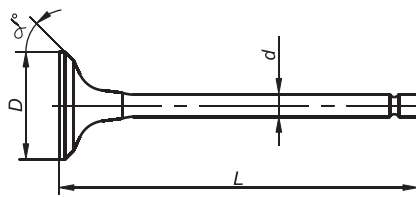
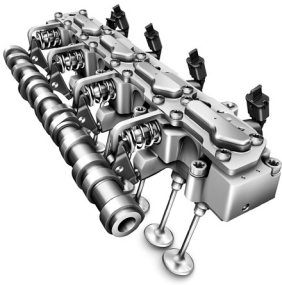
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

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	4 250 803	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									

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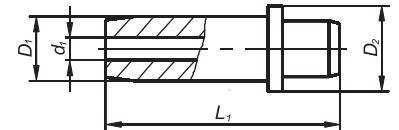
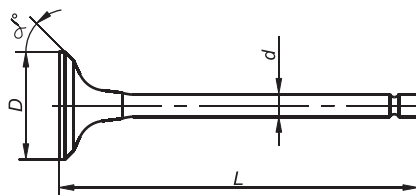
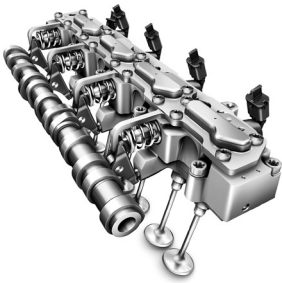
Tractor D523-633 Eng. D179 2933ccm 36-38kw(49-52PS)	65→	98,425 3	IN	V1977	3055055R2	43x10x146	45	1	VV541	3055022R1	10x16,07x79	G E
			EX									
Tractor SU 644 HD Eng. D239 3910ccm 45-67kw(62-91PS)	65→	4	IN									
			EX									
Tractor 856 XL Eng. TD239 Turbo 3910ccm 60-62kw(82-85PS)	72→	6	IN									
			EX									
Tractor 520A-946A Eng. D358 5860ccm 70-100kw(105-136PS)	65→	6	IN									
			EX									
Tractor 125E-520B Eng. TD358 Turbo 5860ccm 104kw(141PS)		6	IN									
			EX									



1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE

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ENG. 6.354 5794ccm ENG. 6.354.2 5794ccm ENG. 4212 3475ccm	69→	98,48	IN	6	V199	795 730 R1	44,3x9,5x122,9	45	1	VV01	796 122 R1	9,5x15,9x58	G		
	69/82kw(94/112PS)				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								
												IN			V343
					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								
				EX	V344							36,6x9,5x123,3			45
					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								



1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE

INTERNATIONAL HARVESTER – CASE (CNH)

ENG. 4.236 3864ccm 72→ 48/60kw(59/80PS)	98,48 4	IN	V199	795 730 R1	44,3x9,5x122,9	45	1	VV01	796 122 R1	9,5x15,9x58	G
			V199N		+0,3S			VV01N		+0,05	F
			V199N1		+0,5S			VV01N2		+0,40	
			V199N2		+0,8S						
			V199N3		+1,2S						
			V199N5		+0,5S/+0,2d						
			V199N6		+0,5d						
			V199N7		+0,2d						
		V199N9		+1,2S/+0,5d							
		IN	V343	44,3x9,5x122,9	45	1	VV01		9,5x15,9x58	G	
			V343.1	+0,075d			VV01N		+0,05	F	
			V343.2	+0,4d			VV01N2		+0,40		
			V343N	+0,3S							
			V343N1	+0,5S							
			V343N2	+0,8S							
			V343N3	+1,2S							
			V343N5	+0,5S/+0,2d							
		V343N6	+0,5d								
		V343N7	+0,2d								
		V343N9	+1,2S/+0,5d								
		IN	V1941	44,2x9,5x122,8	60	1	VV01		9,5x15,9x58	G	
							VV01N		+0,05	F	
		EX	V200	795 729 R1	36,6x9,5x123,3	45	1	VV02		9,5x15,9x61	G
			V200N		+0,3S			VV02N		+0,05	F6
		EX	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										

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
INTERNATIONAL HARVESTER – CASE (CNH)													
Series 3944	73-86	100	IN	V649			43x8x133	45	3	VV04		8x15,04x57,5	G
Series 3945	73-86	4	IN	V384			43x8x133	45	1	VV04.1		+0,05	A12
Eng. F 4L 912 D				V384N			+0,3S			VV04.2		+0,10	
3770ccm	15/59kw(20/80PS)			V384N1			+0,5S			VV04.3		+0,25	
				V384N2			+0,8S			VV04.4		+0,50	
Series 3960	73-86	6	IN	V569			43x8x133	45	3				
Series 3961	73-86		IN	V1048			45x8x133	45	3				
Eng. F 6L 912 D													
5655ccm	42/92kw(57/125PS)												
			EX	V570			37x8x133	45	3	VV04		8x15,04x57,5	G
			EX	V385			37x8x133	45	1	VV04.1		+0,05	A12
				V385N			+0,3S			VV04.2		+0,10	
				V385N1			+0,5S			VV04.3		+0,25	
				V385N2			+0,8S			VV04.4		+0,50	
ENG. D 414/DT 414-Turbo	72→	109,2	IN	V529	675 406 C2		50,1x9,5x147	60	8				
ENG. D 436/DT 414-Turbo	72→	6											
ENG. D 466/DT/DT I 466-Turbo	72→		EX	V530	676 865 C2		40,6x9,5x147	45	8				
Navistar	93→		IN	V2289	1823875C2		45,4x9,4x152,2	60	1				
Eng. DT 408		6											
Eng. DT 466/466E			EX	V2290	1824840C1		45,4x9,4x152,3	45	1				
Eng. DT 530/530E													
NEW													
Eng. DT 466 / DT 530			IN	V2291	1818580C1		50x8x147,1	60	8				
NEW			EX	V2292	1824838C1		45,4x8x152,3	45	1				
Navistar 6.4 I			IN	V2293	8C3Z6507A		34x7x130,4	53	1				
6400ccm		8											
NEW			EX	V2294	8C3Z6505A		29,5x7x130,5	50	1				
Navistar			IN	V2295	1839968C1		39,8x7,9x147,9	60	1				
Eng. 466													
NEW			EX	V2296	1842145C2		36,5x7,9x147,6	45	1				
ENG. OM 942.967	96→	130	IN	V1043			45,5x9x145	60	5	VV227		9x15,03x61	G
Euro 2/3		8		V1043N3			+1,0S			VV227N		+0,05	F
15928ccm	370/380kw(503/516PS)		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
										VV227N		+0,05	F
										VV227.1		+0,20	

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
INTERNATIONAL HARVESTER – CASE (CNH)												
ENG. DTI-817C	136,5 6	IN	V328	682 952 C1	43,3x11x187	60	5					
		EX	V329	685 278 C1	43,3x11x187	45	5					
ISUZU												
Amigo 2.2i 16V Rodeo 2.2i 16V Eng. Y22E 2198ccm	89→ 88→ 96kw(131PS)	86	IN	V511	641 022	32x6x102,1	45	3	VV163 VV163.1	4500633	6x10,04x45 +0,03	G F
		4	EX	V512	641 325	29x6x92,2	45	3	VV163 VV163.1	4500633	6x10,04x45 +0,03	G F
Isuzu 3.2 24V Eng. 6VD1 MPi 3165ccm	94→ 130/151kw(177/205PS)	93,4	IN	V1373		34x6x99	45	1				
		V6	EX	V1374		30x6x100,5	45	1				
NNR F – Evolution NNR N – Evolution Eng. 4HK1 NEW	4	IN	V2297	8943958822	37x8x130,6	60	1					
		EX	V2298	8972098763	37x8x130,2	45	1					
NNR F – Evolution Eng. 4JJ1 NMR F – Evolution NLS F – Evolution NLR F – Evolution N – Evolution D – Max Eng. 4JK1/4JJ1 NEW	4	IN	V2299	8973096751 8980169730	33x7x107,5	45	1					
		EX	V2300	8973096771 8980169741	30x7x107,5	45	1					
ISUZU DIESEL												
Schevrolet Spark 1.5 D Gemini JT600 1.5 D/TD Eng. 4EC1, 4EC1T 1488ccm	84→ 85-90 38kw(52PS)	76	IN	V671	8-94326-843-0	34,6x7x104,1	45	1	VV196	642 005	7x11,55x43 +0,05 +0,10 +0,15	G P1
									VV196.1			
		EX	V672	8-94110-017-3 (8-94115-059-2)	30,6x7x104	45	1	VV196	642 005	7x11,55x43 +0,05 +0,10 +0,15	G P1	
								VV196.1				

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
ISUZU DIESEL											
Gemini 1.7 D Eng. 4EC1, 4EE1 1686ccm 44kw(60PS)	90-93 4	IN	V671	8-94326-843-0	34,6x7x104,1	45	1	VV196	642 005	7x11,55x43	G
		EX	V672	8-94110-017-3 (8-94115-059-2)	30,6x7x104	45	1	VV196	642 005	7x11,55x43	G
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-→	IN	V671	8-94326-843-0	34,6x7x104,1	45	1	VV196	642 005	7x11,55x43	G
		EX	V672	8-94110-017-3 (8-94115-059-2)	30,6x7x104	45	1	VV196	642 005	7x11,55x43	G
Trooper 2.8 TD Eng. 4JB1-Turbo 2772ccm 74kw(100PS)	88-→ 4	IN	V1191	9-94464-921-0	40,1x8x118,1	45	1	VV323	5-11721-016-0	8x14,03x50	G
		EX	V1192	9-94433-245-0	35,7x8x118,1	45	1	VV323	5-11721-016-0	8x14,03x50	G
Fargo 2.7 TD Eng. TD27 2664ccm 62/92kw(85/125PS)	95-→ 4	IN	V1343	13201-43G01	43,5x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
		EX	V1344	13202-31N01	38x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
Trooper 3.0 TD Eng. KJX1 3000ccm	01-→ 4	IN	V1895	8-97137-154-0	33x7x98,2	45	1				
		EX	V1896	8-97137-155-1	33x7x98,1	45	1				
D-max / pick up 3.0 CRDJ DOHC 16V Eng. 4JJ1-TC/4JK1-TC 2999ccm	4	IN	V2005	8-97309-675-1	33x7x107,6	45	1				
		EX	V2006	8-97309-677-1	30x7x107,6	45	1				
Pick-Up 3.1 TD Eng. 4JGZ D-Max Eng. 4JA1/4JH1 3100ccm NEW	01-→ 08-→ 4	IN	V2365	8971317290	42,1x8x117,6	45	1				
		EX	V2366	8970438612 89704386H	35,7x8x117,6	45	1				
Trooper 3.2 V6 24V Eng. 6VD1 3165ccm	98-→ V6	IN	V1649	641049 97131961	34x6x103,8	45	1				
		EX	V1650	641360 97131962	29x6x103,5	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
ISUZU DIESEL												
NEW		IN	V2367	1125510304 1125510490	48x10x159	45	1					
		EX	V2368	1125520630 1155521082	46,1x10x131,9	45	1					
IVECO												
Daily 2.3 Unijet 16V Eng. F1AE481B 2287ccm	05→ 81kw(116PS)	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→ 4	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
			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	86→ 86→ 68kw(92PS)	93	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
			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

1	2	3	4	5	6	7	8	9	10	11	12
IVECO											
ENG. 8140.27-Turbo 90→ New Daily 2.5TD T.E. 2445ccm 68kw(92PS)	93	IN	V470 V470N1 V470N3	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
ENG. 8140.47-Turbo 90→ New Daily 2.5 TD 2499ccm 80kw(109PS)	93	IN	V679 V679N3	98468338	43,5x8x122	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
ENG. 8140.63 Euro3 99→ New Daily 2.8 TD →No 2513438 2798ccm 62kw(85PS)	94,4	EX	V680 V680N3	98418161	36,5x8x122	45	1	VV57 VV57.1 VV57.2 VV57.3 VV57.4	4 749 395 4 749 397 4 749 398 4 749 399	8x13,03x56 +0,03 +0,08 +0,18 +0,23	G F
ENG 8140.43/43S Turbo Ducato 2.8 TDi 96→ Ducato 2.8 JTD 00→ 2798ccm 78/92kw(106/125PS)	94,4	EX	V681 V681N3	99432837	35,9x8x122	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
ENG 8140.63 Euro 3 New Daily 2.8 TD No. 2513438→ 2798ccm 62kw(85PS)	94,4	EX	V681 V681N3	99432837	35,9x8x122	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

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
IVECO													
ENG. 803 A/8030.01 616 N2 2340ccm	66-71	95	3	IN	V321	4 659 379 1 902 205	43,9x8x125,8	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	66-71	95	4	EX	V321N V321N1 V321N2 V321N4 V322	4 673 608 4 658 055	+0,3S +0,5S +1,0S +1,5S 36,9x8x125,6	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	66-71	95	6	IN	V321	4 659 379 1 902 205	43,9x8x125,8	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	72→	95	3	EX	V321N V321N1 V321N2 V321N4 V322	4 673 608 4 658 055	+0,3S +0,5S +1,0S +1,5S 36,9x8x125,6	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	72-78	95	4		V322N V322N1 V322N2 V322N4	+0,3S +0,5S +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	72→	95	6										
ENG. 8045.04 Tractor 766/780/788 3666ccm	78→	95	4										
ENG. 8030.02 616 N3 2592ccm	70-73	100	3										

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
IVECO												
ENG. 8040.02 40/35 NC, 50 A1/NC, 55NC, 65PC 616/625 N3, Orsetto, OM 40/35, OM 616 3456ccm 60kw(82PS)	70-72	100	IN	V321	4 659 379	43,9x8x125,8	45	1	VV59	4 802 126	8x14,02x56	G
		4			1 902 205				VV59.1		+0,03	A
				V321N		+0,3S			VV59.2	4 802 127	+0,18	
				V321N1		+0,5S						
			V321N2		+1,0S							
			V321N4		+1,5S							
ENG. 8060.02 645/650/655/662 N3, 80/90 NC, 90 PC 4x4, 110, 110PT 5184ccm 90kw(122PS)	70-72	100	EX	V322	4 673 608	36,9x8x125,6	45	1	VV59	4 802 126	8x14,02x56	G
		6			4 658 055				VV59.1		+0,03	A
				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	
								VV379.2		+0,10		
								VV379.3	4 601 300	+0,15		
ENG. 8040.04 Series 50/55/60/65 3666ccm 63kw(85PS)	78-→	103										
		4										
ENG. 8060.04.060 Series 79/80/90/95/100/109 Series 110/115/120/135/315 Series 316 5499ccm 96kw(130PS)	80-→	103	IN	V321	4 659 379	43,9x8x125,8	45	1	VV59	4 802 126	8x14,02x56	G
		6			1 902 205				VV59.1		+0,03	A
				V321N		+0,3S			VV59.2	4 802 127	+0,18	
				V321N1		+0,5S						
			V321N2		+1,0S							
			V321N4		+1,5S							
ENG. 8065.04 Tractor 1000/1000DT/1180 Tractor 1180DT 5496ccm 60/85kw(82/115PS)	78-→		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						
			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		
Daily 3.0 Unijet 16V Eng. F1CE0481A 2998ccm	04-→	95,8	IN	V1697	504072531	32,4x6x119,9	60	3	VV335	504053804	6x10,04x49	G
		4							VV335.1		+0,03	A
									VV335.2		+0,23	
				EX	V1698	504081062	32,4x6x119,9	60	3	VV335	504053804	6x10,04x49
								VV335.1		+0,03	A	
								VV335.2		+0,23		

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
IVECO											
ENG. F4AE681A/E 24V Euro Cargo Tector 60/65 E13 75 E13, E15, E17 89/90/100 E17 Eng. F4AE 0481 3920ccm	00→ 4	IN	V1297	4 895 052	33x7x124,7	60	1	VV311		7x12,07x50,5	G
		EX	V1297N1 V1297N2 V1297N5		+0,5S +0,8S +0,2d						
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→ 6	IN	V1297	4 895 052	33x7x124,7	60	1	VV311		7x12,07x50,5	G
		EX	V1297N1 V1297N2 V1297N5		+0,5S +0,8S +0,2d						
ENG. 8040.05 40 NC, 50.8, 50.9, Zeta, 50NC, 55.8, 55 NC 60.8, 65.9 Zeta, 65PC 3908ccm	87→ 4	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
		EX	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→										

1	2	3	4	5	6	7	8	9	10	11	12			
												AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L
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					+0,5S						
V447N2		+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					+0,5S						
V448N2		+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→													

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE		
														4	5
IVECO															
ENG. 8060.45S Turbo Euro-Cargo 120/130/150 E23 135/280 E23 T/W 170 E27 5861ccm	90→	104	IN	IN	V1535	98497235	46x9x141,2	60	1	VV351	98435241EZ	9x15,02x81	G		
	01→	6			V2161		46x9x141	60	1	VV351N		+0,05	F		
											VV351.1	98435242EZ	+0,18		
						EX	V1536	99433902	38,3x9x141,2	45	1	VV352	98474643EZ	9x15,02x70	G
	167kw(227PS)					EX	V2162		38,3x9x141	45	1	VV352N		+0,05	F
										VV352.1	98474645EZ	+0,18			
ENG. C03 Leoncino A15, OM 80/90, OMN 100 Tigrotto 50/55/4x4/M5K 4940ccm	66→	104	IN	IN	V228	8 823 545	42,9x8x137,7	45	1	VV60	4 758 795	8x14,04x55	G		
		6					8 823 548			VV60.1	4 758 796	+0,15	F		
											VV60.2	4 758 797	+0,35		
ENG. CP3 130 NC, 673 N/NR/T, OM 100/120/130 7410ccm	68→	110	EX	EX	V229	8 823 549	36,4x8x137,8	45	1	VV61	4 758 799	8x14,04x62	G		
		6					8 823 544			VV61.1	(8 823 263)	+0,15	A		
											VV61.2	4 758 801	+0,35		
E145/195/215/245 NEF 45 AM1 NEF 67 SM1 Eng. F4GE 3922/5880ccm	06→	102	IN	IN	V527	4 895 187	45x8x129,1	60	18						
		4			V527N5		+0,2d								
					V527N6		+0,4d								
		102													
		6			EX	V528	4 895 188	42x8x129,1	45	1					
NEW															
ENG. 8360.46 150/175/180/320-E27 Euro Cargo	91→	112	IN	IN	V1695	98448462	47x9x142	65	1	VV469	4861816	9x16,04x62	G		
		6					98497241				VV469N		+0,05	A	
ENG. 8360.46/46R 190-E24 150/320-E27 175/180/190-E27 Euro Tech 7685ccm	92→		EX	EX	V1696	99438924	42,5x9x142,3	45	1	VV470	4861811	9x16,06x57	G		
	91→						1908427				VV470N		+0,05	F	
	92→														

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
IVECO													
ENG. 8340.04 Series 50/55/60/65/70 Series 79 4570ccm 67kw(90PS)	77-87	115	IN	4	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
					V225N1				VV60.2	4 758 797	+0,35		
ENG. 8340.05 A70.12 5400ccm 78kw(106PS)	77→	115	EX	6	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)	+0,15	A
V226N1				VV61.2	4 758 801	+0,35							
ENG. 8360.03 150NC17, 159NC17 8100ccm 117kw(159PS)	77→	115		6									
ENG. 8360.04 Series 120/140/150 8102ccm													
ENG. 8360.05 Series 120(17H) 150/159 8102ccm 117kw(159PS)	79→												
ENG. 8365.05 Tractor 1580 8102ccm 94/114kw(128/155PS)	80→												
ENG. 8365.25 Turbo Tractor 1880 8102ccm 120/133kw(163/180PS)	80→												
Tector Eng. F4AE681A/E24V 5880ccm	115	6	IN	6	V1297	4 895 052	33x7x124,7	60	1	VV311		7x12,07x50,5	G
					V1297N1		+0,5S						
					V1297N2		+0,8S						
					V1297N5		+0,2d						
			EX	6	V1298	4 895 051	33x7x124,3	45	1	VV311		7x12,07x50,5	G
		V1298N1				+0,5S							
		V1298N2				+0,8S							
		V1298N5				+0,2d							

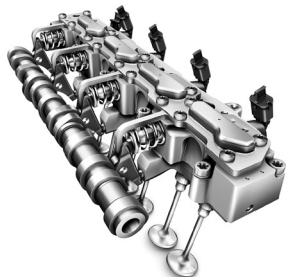
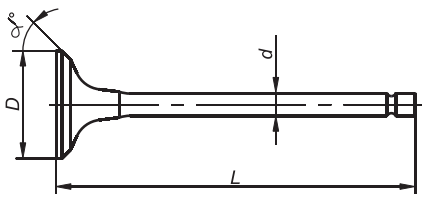
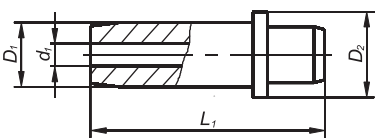
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IVECO											
ENG. F2BE0681 24V Euro Tech Cursor Cursor 8 7.8 24V 98→ 190E 27K/31K 190E/380E 23 T/W 170E 27 Stralis 7.8 24V 04→ 190 S27-S31-S35 260 S27-S31-S35 440 S35 7790ccm 294kw(400PS)	115	IN	V1531	99456803	40x8x174,5	60	1	VV355	500391440	8x13,03x75,5	G
		6							VV355N VV355.1		+0,05 +0,18
		EX	V1532	99457210	39x8x173,3	45	1	VV356	500391436	8x13,03x75,5	G
								VV356N VV356.1		+0,05 +0,18	F6
175.24.00 86→ 190.32 GV-TRU 87→ 220-260.32 GV-TRU Eng. 8460.21.202 180E 30/34 Eurotec 91→ 190E 30/38 Eurotec 190.24 TRU Eng. 8460.41 400E 38 440E 38 Eurotec 240E 38 Eurotec Eng. 8460.41.320 9500ccm	120	IN	V1965	61320722 61316814 61318428 61320865	49,5x9x147,3	60	1	VV542	61585072	9x16,05x67	G
		6						VV542N		+0,05	A
		EX	V1966	61321255 61315973	43x9x146	45	1	VV542	61585072	9x16,05x67	G
								VV542N		+0,05	A
175.24 RSU-370524 86→ 190/240.24 Turbotech 480/580/680 Turbocity Eng. 8460.21 Eng. 8460.21B 190/220/260.32 Turbotech 87→ 190/240.32 GV Turbotech 370SE Euroclass 29/35 Eng. 8460.41 Eurotech/Eurotrakker 90→ 180/190/240/260/400 E30 Eng. 8460.41C Turbocity 480 Eng. 8460.41D/E 9500ccm											

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
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	IN	V1965	61320722 61316814 61318428 61320865	49,5x9x147,3	60	1	VV542 VV542N	61585072	9x16,05x67 +0,05	G A
	EX	V1966	61321255 61315973	43x9x146	45	1	VV542 VV542N	61585072	9x16,05x67 +0,05	G A		
ENG. F3AE0681 Cursor 10 10.3 24V Stralis 10.3 24V 190 S40/S43 260 S40/S43 440 S40/S43 10308ccm 316kw(430PS)	00→ 04→	125 6	IN	V1533	504042366 500355776	43x9x202,9	60	1	VV353 VV353N VV353.1	500391479	9x15,03x97 +0,05 +0,18	G F
	EX	V1534	504042367 500355779	42x9x201,6	45	1	VV354 VV354N VV354.1	500391476	9x15,03x97 +0,05 +0,18	G F6		
ENG. F3BE0681 Cursor 13 Stralis 12.9 D 190 S48 240/440S48-S54 12882ccm 353kw(480PS)	04→	135 6	IN	V1443	500355778	47x10x199,2	60	1	VV341 VV341N VV341.1	500390993	10x16,04x97 +0,05 +0,22	G F
	EX	V1444	500355780	46x10x197,9	45	1	VV342 VV342N VV342.1	500390994	10x16,04x97 +0,05 +0,22	G F6		

1	2	3	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
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	57,5x11x170	60	1		VV357	4 630 923	11x18,01x86	G
				* Retainer s.e. 7,5 mm				VV357.1	4 630 924	+0,05	A45		
ENG. 8210.22S Turbo 190.33 Turbostar 13797ccm 243kw(330PS)	84→	EX	V1481*	4 849 522 98474604	57,5x11x171	60	1			VV357	4 630 923	11x18,01x86	G
			* Retainer s.e. 7,5 mm				VV357.1	4 630 924	+0,05	A45			
ENG. 8210.22S Turbo 190.33 Turbostar 13797ccm 243kw(330PS)	84→	EX	V1522*	4 673 861 98474604	48x11x170	45	1			VV358	4 648 237	11x18,01x76	G
			* Retainer s.e. 7,5 mm				VV358.1	4 648 238	+0,05	A45			
ENG. 8210.42 190/440E 42 Eurostar 13798ccm 192kw(260PS)	92→	137 6	IN	V519	98480846	59x11x170	45	1		VV30	4 630 627	11x18,03x86	G
								VV30.1	4 630 628	+0,03	A1		
ENG. 8210.42 190/440E 42 Eurostar 13798ccm 192kw(260PS)	92→	EX	V520	99452179	49x11x170	45	1			VV31	4 647 763	11x18,03x76	G
							VV31.1	4 647 764	+0,03	A1			
ENG. 8280. 22 32V Turbo 190.38, 190.42, 220.38 240.38, 320 PTM 17174ccm 280kw(381PS)	85→	145 8	IN	V537	4 797 715 4 797 186	51,5x10x156,7	60	1		VV43	4 672 515	10x17,03x67	G
								VV43.1	4 694 449	+0,04	A		
								VV43.2	4 694 450	+0,20			
								VV43.3	4 694 451	+0,24			
ENG. 8280. 42 Turbo 190.48 Turbostar OM 100/120/130 17173ccm 378kw(514PS)	89→	145 V-8	EX	V538	4 704 215 4 813 201	45x10x156,6	45	1		VV43	4 672 515	10x17,03x67	G
								VV43.1	4 694 449	+0,04	A		
								VV43.2	4 694 450	+0,20			
								VV43.3	4 694 451	+0,24			
ЯМЗ (JaMZ) – JAROSLAVSKI MOTORNI ZAVOD													
Ka MA3			IN	V1441		51,5x10x160,7	45	5		VV382		10x18,06x75	G
				V1441.1		+0,3d			VV382N		+0,05	F	
Ka MA3			EX	V1442		46,3x10x160,7	45	5		VV382		10x18,06x75	G
				V1442.1		+0,3d			VV382N		+0,05	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
				MA3 КрJ3 Урал Белаз Eng. ЯМЗ-240Б, ЯМЗ-238НД Eng. ЯМЗ-236М2			EX	V1284	236-1007015-Б5	48x12x155,6	45	5	

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
JAGUAR												
Jaguar X Type 3.0 Jaguar S Type Jaguar XF/XJ Eng. AJ30 2967ccm NEW	02→ 10→	V6	IN EX	V2301 V2302	XR822776 AJ810106	35x5,5x92,5 30x5,5x91,7	45 45	1 1				
JAGUAR DIESEL												
XF 2.2 TD Eng. 224DT 2179ccm	85 4	IN EX	V1723 V1724	0948.E5 0949.E1	27,2x6x95,8 25x6x95	45 45	3 3	VV378 VV378.1 VV378 VV378.1	0220.A2 0220.A2	6x10,06x41,5 +0,05 6x10,06x41,5 +0,05	G A G A	
JEEP												
Compass 2.0 Compass 2.4 Patriot 2.4 Eng. ECN/ERZ/ED3 NEW	09→ 09→	4	IN EX	V2253 V2254	0948F2 0949E7	35x5,5x113,2 29x5,5x105,8	45 45	1 1				
Wrangler 2.5 2464ccm 87kw(118PS) Wrangler 4.0 3960ccm	98,4 4 6	IN EX	V1667 V1668	53010512AA 53010513AA	48,5x8x124,7 38x8x125,5	45 45	3 3					
Wrangler 2.5 2464ccm Grand Cherokee 4.0 3960ccm 125-136kw(170-185PS)	98,5 4	IN EX	V1445 V1446	33003515 33003860R	48,5x8x124,7 38,1x8x125,5	45 45	1 1					
Grand Cherokee 4.7 16V 4700ccm	00→	93 V8	IN EX	V1397 V1398	53020747AB 53020748	48,7x7x113,8 37x7x115,4	45 45	3 3	VV522 VV522	7x12x43 7x12x43	G A G A	
Grand Cherokee Eng. HG/HB/LE/LX 5700ccm NEW	08→	8	IN EX	V2255 V2256	53021550AA 53021551AA 53021551AB	50,8x8x125,2 39,4x8x123,1	45 45	3 3				

1	2	3	4	5	6	7	8	9	10	11	12			
												AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L
JEEP DIESEL														
Compas 2.0 CRD 16V 06→ Patriot 2.0 CRD 16V Eng. ECD 1968ccm 80/103kw(109/140PS)	81	IN	V1607	68001582AA	29,2x6x87,8	45	3	VV272		6x10,07x42	B			
								VV272N				+0,05	F	
	4	EX	V1608	68001583AA	25,4x6x87,5	45	3	VV272.1		6x11,5/10,06x41,5	B			
								VV215				+0,15	G	
								VV272		6x10,07x42	B			
								VV272N				+0,05	F	
								VV272.1		6x11,5/10,06x41,5	B			
								VV216				+0,15	G	
Cherokee 2.1 D 83→ Laredo 2.1 D 82-86 CJ5, CJ8 2.1 D 87→ CJ7 2.1 D 85→ Eng. J8S 2068ccm 44kw(60PS)	86	IN	V863	7701 462 232	40,2x8x111,6	45	1	VV145	7701 462 486	8x13,07x49	B			
								VV145N				+0,03	F	
CJ7 2.1 TD 82-92 Cherokee 2.1 TD 84-95 Comanche 2.1 TD 88-98 Wagoner 2.1 TD 88-94 XJ 2.1 TD 84-87 Eng. J8S Turbo 2068ccm 59/64kw(80/87PS)	85	EX	V864	7701 461 339	33,3x8x111,6	45	1	VV145	7701 462 486	8x13,07x49	B			
								VV145N				+0,03	F	
Grand Cherokee 2.7 CRD 16V 01→ Eng. OM665.921 2685ccm 120kw(163PS)	88	IN	V1055	05073735	30,1x7x104	45	1	VV268	611 053 329	7x12,56x37,5	G			
								VV268N				+0,05	F	
								VV268.1				611 053 429	+0,20	
								VV268				611 053 329	7x12,56x37,5	G
	5	EX	V1056	05073737 05073738	28,4x7x104,4	45	1	VV268N	611 053 329	7x12,56x37,5	G			
								VV268.1				611 053 429	+0,05	F
Cherokee 3.0 CRD V6 24V 05→ Eng. OM642.982 2987ccm	88	IN	V1743	05175396AA	28,5x6x102,3	45	3	VV398		6x11,57x34,4	G			
								VV398N				+0,03	F	
	V6	EX	V1744	05175397AA	25,4x6x102,3	45	3	VV398		6x11,57x34,4	G			
								VV398N				+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	

JEEP DIESEL

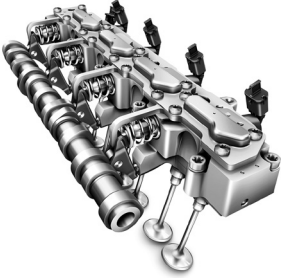
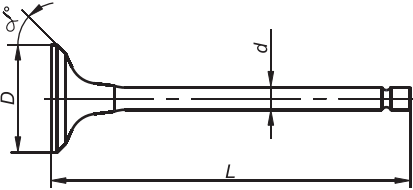
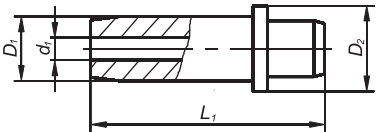
Cherokee 2.5 TD Grand Cherokee 2.5 TD Eng. M51, M52 Eng. VM 492 HR/HS Turbo 2499ccm	95→	92	IN	V1167	0472 0146	40,2x8x121	55	1	VV411 VV411.1 VV411.2 VV521 VV521.1 VV521.2	5066773AA	8x14,06x55	G		
	95→	4												
	85kw(116PS)			EX	V1168	0464 0148	34x8x121	45			1		8x14,06x55	G
Cherokee 2.5 CRD Eng. ENJ 2499ccm	01→	92	IN	V1645	05066770AA	32,4x6x109	45	3	VV530	5066773AA	6x11,03x44,5	G		
105kw(143PS)		4												
Cherokee 2.8 CRD 16V Eng. ENR 2776ccm	03→		EX	V1646	05066769AA	30,9x6x108,3	45	3				5066773AA	6x11,03x44,5	G
110/120kw(150/163PS)														
CJ-5/6/7 4WD 2.7 D Eng. 4.165 Perkins 2710ccm	75→	92	IN	V877	3143 1491	40,5x8x114,6	45	1						
48kw(65PS)		4	EX	V878	3142 A031	35,5x8x114,5	60	1						
Wrangler 2.8CRDi 16V Cherokee 2.8CRDi 16V Eng. ENS 2777ccm	06→ 08→	94	IN	V1745	K68027469AA	31,8x6x107,6	45	3	VV530	5066773AA	6x11,03x44,5	G		
		4	EX	V1746	K68027470AA	29,2x6x107,8	45	3					5066773AA	6x11,03x44,5
												G		
												F		

JOHN DEERE

Tractor 2.5 820, 920, 1020 Eng. 310/510 2490ccm	68-75	98	IN	V1295	CDX 0881	45x9,5x131	45	5				
				V1295N1 V1295N5								
	3	EX	V1296	CDX 0634A	40x9,5x131	45	5					
			V1296N1 V1296N5					+0,5S +0,2d				

1	2	3	4	5	6	7	8	9	10	11	12
JOHN DEERE											
Tractor 3.3 2020 Eng. 710 3320ccm	98	IN	V1295	CDX 0881	45x9,5x131	45	5				
			V1295N1		+0,5S						
Tractor 2.7 830, 890, 930, 1030 1035, 1120, 1830, 2040, 2120 Eng. 3164 DL 2690ccm	68→ 102	EX	V1296	CDX 0634A	40x9,5x131	45	5				
			V1296N1		+0,5S						
Tractor 3.6 2030, 2035, 3030 Eng. 4219 DL 3590ccm	68→ 102	EX	V1296N5		+0,2d						
Tractor 5.4 3030, 3130, 3135 Eng. 3239 DL 5380ccm	73→	EX									
Tractor 2.9 940, 1040, 1140, 1630 Eng. 3239 DL 2938ccm	74→ 106,5	EX									
Tractor 3.9 1640, 1840, 2040, 2130, 2140 Eng. 4239 DL 3918ccm	74→ 106,5	EX									
Tractor 5.9 3040, 3140 Eng. 6359 DL 5876ccm	74→ 106,5	EX									
Industrial Generator Eng. 4.024 2400ccm Eng. 5.030 3000ccm NEW	07→ 4	IN	V2305	R 502 454	37x7x123,6	60	1				
	5	EX	V2306	R 502 455	34x7x122	60	1				

1	2	3	4	5	6	7	8	9	10	11	12
JOHN DEERE											
ENG. 6404 A/T-Turbosharged Kombajn 7700 Tractor 7020 (S/N 33846→) Tractor 4430, 4630	108 6	IN	V531	R 50 358	43,6x9,45x157,3	60	10				
		EX	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		V532								
			V532.1 V532N V532N1 V532N2		+0,08d +0,2d +0,4d +0,5d						
ENG. 6466 AF-Turbosharged Grebač (Scraper) JD 762A (S/N 239487→) Tractor 4850			V532								
			V532.1 V532N V532N1 V532N2		+0,08d +0,2d +0,4d +0,5d						
ENG. 6466 TF-Turbosharged Tractor 4250, 4450, 4650			V532								
			V532.1 V532N V532N1 V532N2		+0,08d +0,2d +0,4d +0,5d						
ENG. 4270 Utovarivač JD 500 (S/N 1231M→) Utovarivač JD 500 A/B (S/N 123114→) Tractor 3020 (S/N 123000→)	108 4	IN	V871	R 43 883	48,3x9,45x156,3	45	10				
		EX	V872	R 43 679	43,6x9,45x155,9	45	5				
ENG. 6404D Kombajn 7700 (S/N 422 365→) Tractor 4040,4230	108 6		V871								
			V872								
ENG. JD 404 Agregat (S/N 215000→) Utovarivač JD600 (S/N 215 000→) Tractor 4040,4230			V871								
			V872								
ENG. JD 404 Agregat (S/N 215000→) Utovarivač JD600 (S/N 215000→) Tractor 4000,4020 (S/N 201000→)			V871								
			V872								

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS 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. 6466D Kombajn 6620 Tractor 4040, 4240, 4440	116 6	IN	V871	R 43 883	48,3x9,45x156,3	45	10				
		EX	V872	R 43 679	43,6x9,45x155,9	45	5				
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				
Marine Engine 07→ Eng. 6.068 6800ccm NEW	6	IN	V2221	R 518 806	37x7x135,7	60	11				
		EX	V2222	R 524 875	35,9x7x135,5	60	1				
ENG. 6076 T/A/H	108 6	IN	V843 V843N V843N1	R 84 618	51x9,45x154 +0,25d +0,5d	60	5				
		EX	V844 V844N V844N1	R 84 619	47x9,45x157 +0,25d +0,5d	60	8				
Series 9000/7700/7800 07→ Eng. 6.125 12500ccm NEW	6	IN	V2303	R 122 035 R 516 892	46,5x9x196	60	1				
		EX	V2303	R 122 035 R 516 892	46,5x9x196	60	1				
ENG. 4270 (S/N 157002-280000) ENG. 6404D (S/N 8202-214999)		IN	V875	R 44 174	48,3x9,45x158,6	45	2				
		EX	V876	R 44 175	43,6x9,45x158,3	45	2				
ENG. 6619T Tractor 850 (S/N 033815→) Tractor 8630, 8640	133,3 6	IN	V845		51,6x11x168,7	70	5				
		EX	V846		47,6x11x169	60	5				
Power tech 9000 660 UTS 8000 225 R 9000ccm NEW	6	IN	V2307	R 520 223	40x8x162,4	60	1				
		EX	V2308	R 520 224	40x8x162,4	60	1				

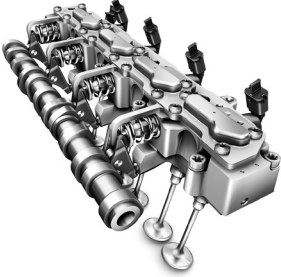
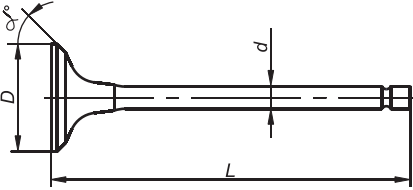
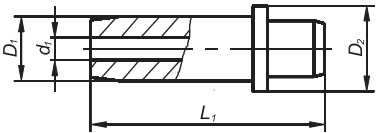
1	2	3	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
KIA													
Picanto 1.0 12V Eng. G4HE 999ccm	04→	66 4	IN	EX	V1751	22211-02200	23,5x5,5x99,6	45	1	VV387	22114-02500	5,5x10,06x47	G P
					V1752	22212-02200	27x5,5x99	45	1	VV388	22115-02500	5,5x10,06x48	G P6
Picanto 1.1 12V Eng. G4HG 1086ccm	04→	67 4	IN	EX	V2065	22211-04000	26,8x5,5x93	45	1	VV388	22115-02500	5,5x10,06x48	G P6
					V2066	22212-04000	24,1x5,5x93,4	45	1	VV388	22115-02500	5,5x10,06x48	G P6
Pride GLXi 1124ccm 1324ccm	4	IN	EX	V1851	MB30112111	32x7x105,3	45	1					
				V1852	KK15012121 KK15112121	28x7x104,2	45	1					
Picanto 1.2 16V Rio 1.2 16V Eng. L2K 1200ccm NEW	11→	4	IN	EX	V1893	22211-03000 22211-03201	26,7x5,5x101,15	45	1				
					V1894	22212-03000 22212-03201	24,2x5,5x101,4	45	1				
Rio 1.3 SW Eng. A3E SOHC 1343ccm	02→	4	IN	EX	V1747	OK30C-12111	37,1x6,5x105,1	45	1	VV477	OK30C-10-291B	6,5x12,06x42,7	G P
					V1748	OK30C-12121	31,6x6,5x103,4	45	1	VV477	OK30C-10-291B	6,5x12,06x42,7	G P
Rio 1.5 16V Eng. A5D DOHC 1493ccm	00→	75,5 4	IN	EX	V1601	OK30E-12111	27,8x5,5x96,4	45	1	VV462	OK30E-10-281	5,5x9,56x42	G P
					V1602	OK30E-12121	24,9x5,5x95,5	45	1	VV462	OK30E-10-281	5,5x9,56x42	G P
Sephia 1.5 Mentor 1.5 Eng. P47E 1500ccm NEW	06→	4	IN	EX	V1143	OB657-12111	31x6x105,4	45	1				
					V1144	OK938-12121	26,2x6x105,4	45	1				

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
KIA												
Cerato 1.6 16V Rio 1.6 16V Eng. G4ED 1599ccm 79/82kw(107/112PS)	04→ 05→	76,5 4	IN EX	V1507 V1508	22211-26600 22212-26000	29,1x6x91,9 25x6x92,4	45 45	1 1	VV385 VV386	22114-26000 22115-26000	6x11,07x36,5 6x11,07x41	G F G F
Carens 1.6i 16V Eng. G4ED 1599ccm 79/82kw(107/112PS)	02-04	76,5 4	IN EX	V1507 V1508	22211-26600 22212-26000	29,1x6x91,9 25x6x92,4	45 45	1 1	VV538 VV538		6x11,07x40 6x11,07x40	G P G P
CEE'D 1.4i 16V Venga 1.4i 16V Eng. G4FA 1396ccm 80kw(109PS)	07→ 08→	77 4	IN EX	V1739 V1740	22211-2B000 22212-2B000	31,5x5,5x93,2 26x5,5x92,6	45 45	1 1	VV476 VV476	22114-2B000 22114-2B000	5,5x10,06x40,5 5,5x10,06x40,5	G P G P
CEE'D 1.6i 16V Venga 1.6i 16V Eng. G4FC 1597ccm 90kw(122PS)	10→ 08→											
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 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
Sephia 1.6 16V Eng. B5 1498ccm		78 4	IN EX	V1897 V1898	K95412111 K01312121	33,7x6x103,4 28,9x6x104	45 45	1 1				
Carens 1.6 16V Shuma 1.6 16V Eng. S6D 1594ccm 75/77kw(101/105PS)	04→ 01→	78 4	IN EX	V1239 V1240	OK2NC-12111 OK2NC-12121	29,2x5,5x96,2 25,8x5,5x95	45 45	1 1	VV462 VV462	OK30E-10-281 OK30E-10-281	5,5x9,56x42 5,5x9,56x42	G P G P
Spectra 1.8 16V Carens 1.8 16V Eng. TBD 1793ccm 81kw(110PS)	03→ 03→	81 4	IN EX	V1385 V1386	OK 247 12111 OK 247 12121	31,5x6x102,9 27x6x101,5	45 45	1 1				

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
KIA													
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				
Optima 2.5i Magnētis 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
Magnētis 2.0i 16V Eng. G4JP 1997ccm	04→	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 Magnētis 2.0 16V VVT Optima 2.0 16V Eng. G4KD 1998ccm	10→	86	4	IN	V2067	22211-2G000	35x5,5x113,3	45	1				
	09→			EX	V2068	22212-25002	29x5,5x106	45	1				
Carnival 2.5i Eng. KR 2497ccm	03→	86,7	V6	IN	V1749	OK9BV-12111A	31,5x6x89,8	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	99-04	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	04→	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
Optima 2.5i V6 24V 2493ccm	03→			EX	V1658	22212-37200	27,5x6x97,3	45	1	VV446	22115-37100	6x11,11x43	G P6
Rondo 2.7 V6 Optima 2.7 V6 Sportage 2.7 V6 2700ccm NEW	10→	86,7	V6	IN	V2313	22211-3E000	33,1x6x110,4	45	1				
				EX	V2314	22212-3E000	27,5x6x111,5	45	1				

1	2	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
KIA													
Opirus 3.5 24V Sorento 3.5 24V Eng. 6G74 3497ccm NEW	04→	V6		IN	V2311	22211-35520	34,9x6,5x106,3	45	1				
				EX	V2312	22212-35500	30,5x6,5x105,5	45	1				
Amanti 3.8 V6 Borrego 3.8 V6 Cadenza 3.3 V6 Sedona 3.5 V6 Sorento 3.3 V6 3300/3500/3800ccm NEW	10→ 14→	V6		IN	V2315	22211-3C100 22211-3C800 22211-3C810	36,1x5,5x105,3	45	1				
				EX	V2316	22212-3C100 22212-3C800	31x5,5x105,5	45	1				
KIA DIESEL													
Picanto 1.1 CRDi 12V Eng. D3FA 1120ccm	05→	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
Rio 1.5 CRDi 16V Cerato 1.5 CRDi 16V Eng. D4FA 1493ccm	05→	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
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	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
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	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
Sportage 1.7 CRDi 16V Eng. D4FD 1685ccm	10→	77,2 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

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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
KIA DIESEL												
Retona 2.0 TD Sportage 2.0 TD 4WD Eng. RF 1998ccm	99→ 97→ 61kw(83PS)	86 4	IN EX	V1511 V1512	12911-78E00 OK054-12111 12915-78E00 OK054-12121	39,4x8x106,8 35,1x8x106,7	60 45	1 1	VV451 VV451N VV432 VV432N	MRF01-10-104 MRFJ5-10-290	8x14,04x41 +0,05 8x14,04x46,5 +0,05	G P13 G A16
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	6x11,06x36,6 6x11,06x36,6	G P G P
Sportage 2.0 CRDi 16V Sorento II 2.0 CRDi 16V Eng. D4HA 1995ccm	10→	85 4	IN EX	V2069 V2070	22211-2F000 22212-2F000 22212-2F010	29x6x108,5 26x6x108,3	45 45	3 3				
Sorento II 2.2 CRDi 16V Carnival II 2.2 CRDi 16V 2199ccm	09→ 10→	85,1 4	IN EX	V2069 V2070	22211-2F000 22212-2F000 22212-2F010	29x6x108,5 26x6x108,3	45 45	3 3				
Retona 2.0TD Sportage 2.0TD Eng. RF 1998ccm	99→ 94→ 61kw(83PS)	86 4	IN EX	V1023 V1024	RF01-12-111 RF01-12-121	41x8x107 36x8x106,8	45 45	1 1	VV279 VV280	011-10-280 011-10-290	8x14,04x40,5 8x14,04x37,7	G A1 G A16
E 220 Bus/Van 2.2D Sportage 2.2D NB 1 Besta 2.2D Eng. R2 2184ccm	85→ 94→ 94→ 48kw(65PS)											
Sorento 2.5CRDi Eng. D4CB 2497ccm	03→ 103kw(140PS)	91 4	IN IN EX EX	V1753 V1845 V1754 V1846	22211-4A000 22211-4A061 22212-4A000 22212-4A061	31,7x7x110,5 31,7x7x110,5 28x7x110,5 28x7x110,5	45 45 45 45	1 3 1 3	VV479 VV479 VV480 VV480	22114-4A000 22114-4A000 22115-4A000 22115-4A000	7x12,07x43,3 7x12,07x43,3 7x12,07x39,4 7x12,07x39,4	G P3 G P3 G P3 G P3

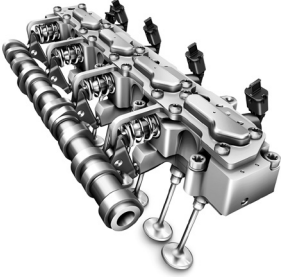
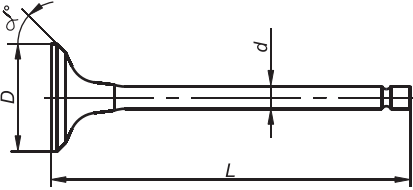
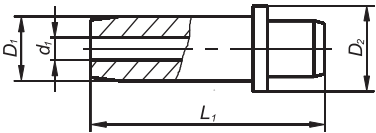
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	

KIA DIESEL

K2500 2.5 TCI Pregio 2.5 TDi/TCi Eng. D4BH 2476ccm	04→ 02→ 69kw(94PS)	91,9 4	IN EX	V1405 V1406	22211-42520 22212-42520	40x8x130,1 34x8x129,9	45 45	1 1	VV407 VV407.1 VV408 VV408.1	22114-42000 22114-42900 22115-42000 22115-42900	8x13,08x71 +0,03 8x13,08x74 +0,03	G P G P6
Pregio 2.7 D	02→	82 4	IN EX	V1671 V1672		44x8,5x112,7 37,3x8,5x112,8	45 45	1 1	VV490 VV490		8,5x14,05x48,8 8,5x14,05x48,8	G A G A
Carnival 2.9TDi 16V Carnival 2.9CRDi 16V Eng. J3/J3TCI 2902ccm	98→ 01→ 93/136kw(126/185PS)	97,1 4	IN EX	V1659 V1660	OK05511-2111A OK05511-2121A	34x7x126,2 31,5x7x126,1	45 45	1 1	VV468 VV468	OK551-10-281 OK551-10-281	7x12,06x52,7 7x12,06x52,7	G F6 G F6
E-County Eng. JM15D4AF JY01D4CI 3000ccm NEW	09→	4	IN EX	V2317 V2318	22211-41001 22212-45000 22212-45001	44x8,9x136,8 37,1x8,9x136,9	45 45	8 8				

KLOECKNER-HUMBOLDT DEUTZ

ENG F2L 1011 ENG F2L 1011 Euro 1 1366ccm	89→ 94→ 18-22kw(25-30PS)	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	89→ 94→ 27-33kw(37-45PS)	3	EX	V1261N V1262		+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	88→ 36-46kw(49-63PS)	4		V1262N		+0,2d						
ENG BF3M 1011 Euro 1 2185ccm	94→ 46kw(62PS)	91 3	IN	V1447 V1447N5	0428 0048 0428 0350	41,1x8x124,6	45	3	VV506	0417 0164	8x15/12,03x48	G G
ENG BF3M 1011 F 2185ccm	99→ 51kw(68PS)	3	EX	V1448	0428 0049	35,4x8x124,6	45	3	VV506	0417 0164	8x15/12,03x48	G G
ENG PF4M 1011 F Euro 1 2912ccm	88→ 41-61kw(56-83PS)	4		V1448N5		+0,2d						

			CYL.	IN	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
			Ø	EX									
1	2	3	4	5	6	7	8	9	10	11	12		

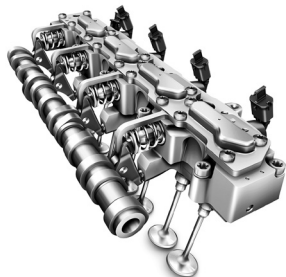
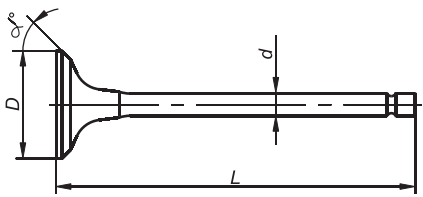
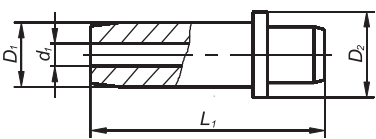
KLOECKNER-HUMBOLDT DEUTZ

ENG BF4L 1011	89→94	91	IN	V1375	0417 0491	40,5x8x124,9	60	3	VV506	0417 0164	8x15/12,03x48	G
ENG BF4L 1011 Euro 1	94→	4		V1375N		+0,2d						G
ENG BF4L 1011 FT Euro 1	94→											
2732ccm	48-56kw(65-76PS)		EX	V1262	0210 8184	34,9x8x124,7	45	3	VV506	0417 0164	8x15/12,03x48	G
					0417 0899							G
					0417 8158							
ENG F2M 1011 Euro 1	97→	2		V1262N		+0,2d						
1336ccm	21-23kw(29-31PS)											
ENG F3M 1011	94→	3										
ENG F3M 1011 Euro 1	94→											
2189ccm	32-36kw(44-49PS)											
ENG F4M 1011 Euro 1	94→	4										
2914ccm	44-48kw(60-65PS)											
ENG BF4M 1012 Euro 1	92→	94	IN	V1399	0420 8095	41,7x8x124,7	60	3	VV543	0419 5708	8x15,03x52,8	G
3192ccm	47-65kw(64-88PS)	4			0425 5216							
					0428 3374							
ENG BF4M 1012 C Euro 1	90→											
3192ccm	70-82kw(95-112PS)		EX	V1400	0420 8096	35,9x8x124,7	45	3	VV543	0419 5708	8x15,03x52,8	G
					0425 5217							
					0428 3375							
ENG BF4M 1012 Euro 2	95→											
3192ccm	48-73kw(65-99PS)											
ENG BF4M 1012 EC Euro 2	95→											
3192ccm	60-73kw(82-99PS)											
ENG BF6M 1012 Euro 1	97→	6										
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)											

	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

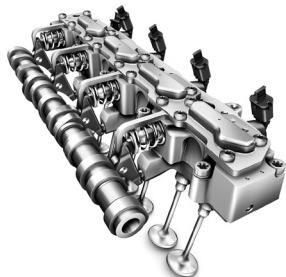
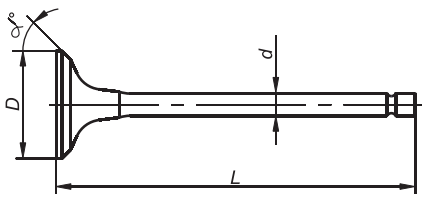
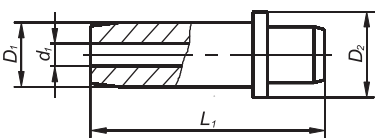
KLOECKNER-HUMBOLDT DEUTZ

ENG. F 1L 812 Tractor D15 850ccm 9kw(12PS)	63-67	95	IN	V216	415 3773	43x8x133	45	1	VV04	223 2528	8x15,04x57,5	G
					213 3731					VV04.1		
ENG. F 2L 812 Tractor D30/30S/2005/3005 1700ccm 18kw(28PS)	63-67	95	EX	V384N		37x8x133	45	1	VV04.2		8x15,04x57,5	G
										VV04.3		
ENG. F 3L 812 Tractor D40L/40S/4005P/4505 2550ccm 26/29kw(35/40PS)	63-67	95	EX	V384N1		37x8x133	45	1	VV04.4	223 3021	8x15,04x57,5	G
										VV04.1		
ENG. F 4L 812 Tractor D50S/5005/6005A 3400ccm 33/39kw(45/53PS)	63-67	95	EX	V384N2		37x8x133	45	1	VV04.2		8x15,04x57,5	G
										VV04.3		
ENG. F 6L 712 5100ccm 66kw(90PS)	57-63	95	EX	V385N		37x8x133	45	1	VV04.4	223 3021	8x15,04x57,5	G
										VV04.1		
ENG. F 6L 812 Tractor D8005/9005A 5100ccm 55/74kw(75/100PS)	63-67	95	EX	V385N1		37x8x133	45	1	VV04.2		8x15,04x57,5	G
										VV04.3		
ENG. F 6L 812 Tractor D8005/9005A 5100ccm 55/74kw(75/100PS)	63-67	95	EX	V385N2		37x8x133	45	1	VV04.4	223 3021	8x15,04x57,5	G
										VV04.1		
ENG TCD 2.9 L4 Tier 4 2900ccm NEW		4	IN	V2309	4131597	41,5x8x112,4	60	3				
									V2310	4131598		
ENG TCD 2010 L4 Euro 3 3470ccm 75kw(102PS)		96	IN	V2073	0412 2261	42x8x116,3	45	3				
										0412 2848		
		4	EX	V2074	0412 2262	35x8x116,3	45	3				
										0412 2849		
ENG BF 4M 2013 Euro 3 3800ccm 125kw(170PS)	00→	98	IN	V1935	0425 4232	34,7x8x114,1	60	3	VV545	0425 0073	8x13,04x40	G
										0428 3378		
ENG BF 6M 2013 Euro 3 5703ccm 92/118kw(125/160PS)	98→	6	EX	V1936	0425 4233	33,4x8x157	45	3	VV546	0425 0074	8x13,04x58,3	G
										0428 3379		
ENG BF 6M 2013C Euro 3 5703ccm 190kw(258PS)					0425 0137							
							0425 0138					

	CYL. Ø No	IN EX									
			AV REF.	ORIGINAL PART No	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART No	DIMENSIONS 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 2012 Euro 3 5700ccm 147kw(200PS)	05→	98	IN	V2075	0428 4042	41,7x8x121,2	60	3				
		6	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	IN	V1823	0425 4934	41,7x8x119,5	60	3				
		4			0425 4284							
ENG BF 6M 2012 6000ccm 80/208kw(109/283PS)		6	EX	V1824	0425 4285	35,9x8x119,5	45	3				
					0425 4935							
ENG BF 4M 2012 Euro 2	01→	101										
		4										
ENG.F 2L 912D TractorD 2506/3006 1885ccm 28kw(38PS)	67-72	100	IN	V216	415 3773	43x8x133	45	1	VV04	223 2528	8x15,04x57,5	G
		2			213 3731				VV04.1		+0,05	A12
									VV04.2		+0,10	
									VV04.3	223 3020	+0,25	
ENG.F 3L 912D Tractor D4006A/4505A/4506A D5006A/5206A 2826ccm 40kw(59PS)	67-72	100							VV04.4	223 3021	+0,50	
		3	IN	V384	415 3629	43x8x133	45	1	VV04	223 2528	8x15,04x57,5	G
					213 7457				VV04.1		+0,05	A12
									VV04.2		+0,10	
ENG.F 4L 912D Tractor D5506A/6006A/6206A/6806A 7006A/7206A/2003A/2003S 3768ccm 43/59kw(59/80PS)	67-72	100							VV04.3	223 3020	+0,25	
		4		V384N1		+0,5S			VV04.4	223 3021	+0,50	
				V384N2		+0,8S						
				IN	V1048	423 1479	45x8x133	45	3	VV04	223 2528	8x15,04x57,5
ENG.F 5L 912D Tractor DX 85/90 4712ccm 63/74kw(85/100PS)	67-72	100							VV04.1		+0,05	A12
		5							VV04.2		+0,10	
									VV04.3	223 3020	+0,25	
									VV04.4	223 3021	+0,50	
ENG.F 6L 912D Tractor D2005A/7506A/8006A/ D9006A/10006A/DX110 5652ccm 59/82kw(80/112PS)	67-72	100	EX	V385	415 3696	37x8x133	45	1	VV04	223 2528	8x15,04x57,5	G
		6			223 2717				VV04.1		+0,05	A12
									VV04.2		+0,10	
									VV04.3	223 3020	+0,25	
									VV04.4	223 3021	+0,50	

			CYL.	IN	AV	ORIGINAL	DIMENSIONS	ANG.	ST.	AV	ORIGINAL	DIMENSIONS	MAT.
			Ø	EX	REF.	PART N ^o	D x d x L	α°	END	REF.	PART N ^o	d ₁ xD ₂ /D ₁ xL ₁	SHAPE
1	2	3	4	5	6	7	8	9	10	11	12		

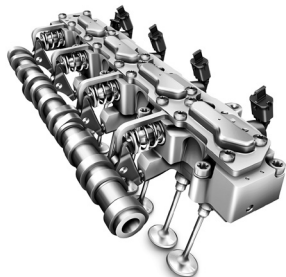
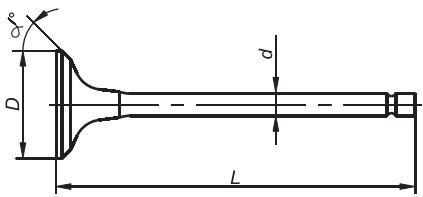
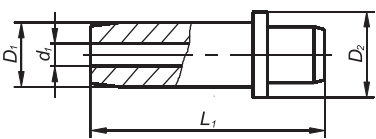
KLOECKNER-HUMBOLDT DEUTZ

ENG. F 2L 912W 1884ccm	72-92	100	IN	V384	415 3629	43x8x133	45	1	VV04	223 2528	8x15,04x57,5	G
	22kw(30PS)	2			213 7457					VV04.1		
ENG. F 3L 912W 2826ccm	72-79	100		V384N					VV04.2	+0,10		
	37kw(50PS)	3		V384N1					VV04.3	223 3020	+0,25	
ENG. F 4L 912W 3768ccm	72-92	100	EX	V385	415 3696	37x8x133	45	1	VV04	223 2528	8x15,04x57,5	G
	50kw(67PS)	4			223 2717					VV04.1		
ENG. F 5L 912W 4710ccm	72-92	100		V385N					VV04.2	+0,10		
	61kw(83PS)	5		V385N1					VV04.3	223 3020	+0,25	
ENG. F 6L 912W 5652ccm	72-92	100		V385N2					VV04.4	223 3021	+0,50	
	74kw(100PS)	6										
ENG. F 1L 511W 825ccm	79→	100	IN	V384A	415 3631	43x8x133	45	1	VV04	223 2528	8x15,04x57,5	G
	13kw(18PS)	1			V384N							
ENG. F 2L 511W 1650ccm	79→	100		V384N1					VV04.2	+0,10		
	26kw(35PS)	2		V384N2					VV04.3	223 3020	+0,25	
ENG. BF 6L 912 Turbo Tractor D8006A/10006A 5640ccm	71→	100	IN	V807	415 3455	43x8x133	60	1	VV04	223 2528	8x15,04x57,5	G
	100kw(136PS)	6			VV04.1					+0,05		
ENG. F 6L 913 6128ccm	74→	100		VV04.2					VV04.3	223 3020	+0,25	
	96kw(130PS)	6		VV04.4	223 3021	+0,50						
ENG. BF 6L 913 Turbo Tractor 13006A/DX145/DX160 6120ccm	73→	100	EX	V385A	415 3697	37x8x133	45	1	VV04	223 2528	8x15,04x57,5	G
	118kw(160PS)				V385N							
ENG. BF 6L 913 C-Turbo 6128ccm	80-92			V385N1					VV04.2	+0,10		
	131kw(178PS)			V385N2					VV04.3	223 3020	+0,25	
									VV04.4	223 3021	+0,50	

			CYL.	IN	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
			\emptyset	EX									
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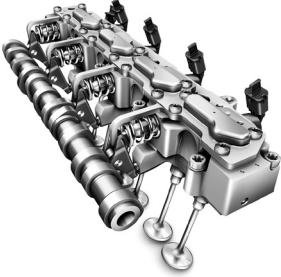
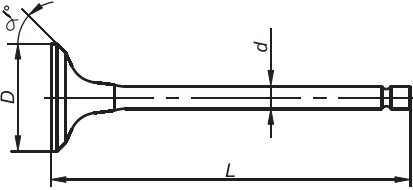
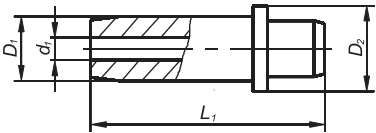
KLOECKNER-HUMBOLDT DEUTZ

ENG. F 3L 912 2830ccm	93→ 43kw(58PS)	100 3	IN	V650	423 0567	43x8x133	45	3	VV04 VV04.1 VV04.2	223 2528	8x15,04x57,5 +0,05 +0,10	G A12
ENG. F 4L 912 3770ccm	93→ 59kw(80PS)	100 4							VV04.3 VV04.4	223 3020 223 3021	+0,25 +0,50	
ENG. F 5L 912 4710ccm	93→ 74kw(101PS)	100 6	EX	V570	415 9137	37x8x133	45	3	VV04 VV04.1 VV04.2	223 2528	8x15,04x57,5 +0,05 +0,10	G A12
ENG. F 6L 912 5600ccm	93→ 88kw(120PS)	100 6							VV04.3 VV04.4	223 3020 223 3021	+0,25 +0,50	
ENG. F 3L 912W 2826ccm	93→ 37kw(50PS)	100 3	IN	V649	415 9138	43x8x133	45	3	VV04 VV04.1 VV04.2	223 2528	8x15,04x57,5 +0,05 +0,10	G A12
ENG. F 4L 912 3770ccm	93→ 59kw(80PS)	100 4							VV04.3 VV04.4	223 3020 223 3021	+0,25 +0,50	
ENG. F 5L 912W 4710ccm	93→ 61kw(83PS)	100 5	EX	V570	415 9137	37x8x133	45	3	VV04 VV04.1 VV04.2	223 2528	8x15,04x57,5 +0,05 +0,10	G A12
ENG. F 6L 912W 5652ccm	93→ 74kw(101PS)	100 6							VV04.3 VV04.4	223 3020 223 3021	+0,25 +0,50	
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 3377	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 V1971	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 EX	V2076 V1972	0428 4043 0428 5986	35,9x8x121,2 38,8x8x121,2	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

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ENG TCD 2012 L4 4V Euro 3 4038ccm 04→ 81kw(110PS)	101 4	IN	V2077	0450 0651 0450 2840	34,4x8x148,2	70	3				
		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	223 2528	8x15,04x57,5	G
								VV04.1		+0,05	A12
ENG. F 4L 913 4090ccm 93→ 64kw(87PS)	102 4							VV04.2		+0,10	
								VV04.3	223 3020	+0,25	
ENG. F 6L 913 6130ccm 93→ 96kw(130PS)	102 6	EX	V570	415 9139 415 9137	37x8x133	45	3	VV04.4	223 3021	+0,50	
								VV04	223 2528	8x15,04x57,5	G
ENG. BF 4L 913C 4090ccm 93→ 92kw(125PS)	102 4	IN	V677	415 9140	43x8x133	60	3	VV04.1		+0,05	A12
								VV04.2		+0,10	
ENG. BF 6L 913C 6130ccm 93→ 147kw(200PS)	102 6							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	VV04	223 2528	8x15,04x57,5	G
								VV04.1		+0,05	A12
		EX	V1938	1215 9602 1216 5099	38x9x117	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	
								VV504	1216 4633	9x16,5/15x58	G
								VV504	1216 4633	9x16,5/15x58	G

			CYL.	IN	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
			Ø No	EX									
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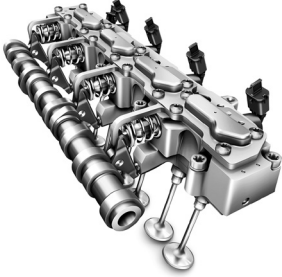
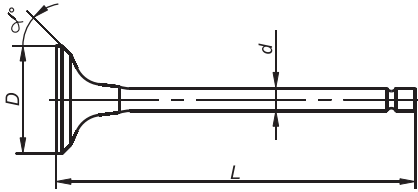
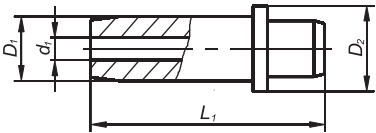
KLOECKNER-HUMBOLDT DEUTZ

ENG BF 4M 1013 Euro 1 4764ccm 63-93kw(85-127PS)	94→ 4	108	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 99-125kw(135-168PS)	90→		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 71-95kw(97-129PS)	97→											
ENG BF 4M 1013 EC Euro2 4764ccm 110-118kw(136-160PS)	98→											
ENG BF 4M 1013 EW Euro2 4764ccm 81-130kw(110-177PS)	99→											
ENG BF 6M 1013 Euro1 7146ccm 95-141kw(129-192PS)	93→											
ENG BF 6M 1013 C Euro1 7146ccm 144-235kw(196-320PS)	99→											
ENG BF 6M 1013 CP Euro1 7146ccm 161-190kw(219-258PS)	92→											
ENG BF 6M 1013 E Euro2 7146ccm 88-118kw(120-161PS)	95→											
ENG BF 6M 1013 EC Euro2 7146ccm 92-191kw(125-260PS)	98→											
ENG BF 6M 1013 ECW Euro2 7146ccm 123-195kw(165-261PS)	99→											
ENG BF 6M 1013 ECP Euro2 7146ccm 147-195kw(200-265PS)	98→											
ENG BF 6M 1013 EW Euro2 7146ccm 123-195kw(165-261PS)	99→											
ENG BF 4M 1013 CP Euro1 4764ccm 100kw(136PS)	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
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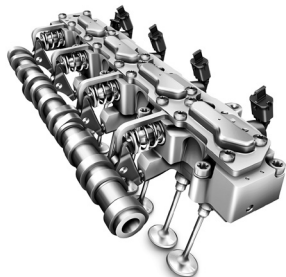
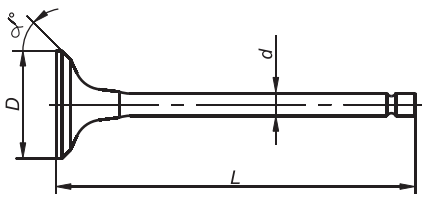
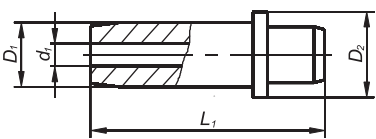
KLOECKNER-HUMBOLDT DEUTZ

ENG BF 4M 1013 ECW Euro2 99→ 4764ccm 105-130kw(143-177PS)	108 4	IN	V1525	0420 4014 0425 5254 0428 3380	48x9x139	60	3	VV359	420 1238	9x15,03x62,8	G A4					
		EX	V1526	0420 4015 0425 5255 0428 3381	42x9x139	45	3					VV359	420 1238	9x15,03x62,8	G A4	
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															
ENG D5A-A TA Euro2 02-08 4764ccm 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					
		EX	V1526	0420 4015 0425 5255 0428 3381	42x9x139	45	3					VV359	420 1238	9x15,03x62,8	G A4	
ENG D5A-A AT Euro2 02→ 4764ccm 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 08→ 4764ccm 92-100kw(125-136PS)																
ENG D5A-T Euro2 02-08 4764ccm 72-95kw(98-129PS)																
ENG D5A-A TA Euro2 02-08 4764ccm 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	38,2x8x145,7	60	3									
		EX	V1826	0490 0686 0490 3006	35,9x8x145,7	45	3									

			CYL.	IN	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
			Ø	EX									
1	2	3	4	5	6	7	8	9	10	11	12		

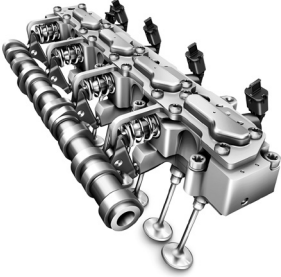
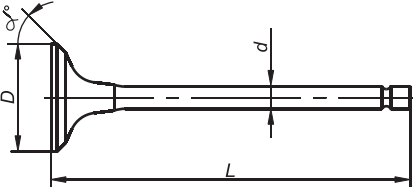
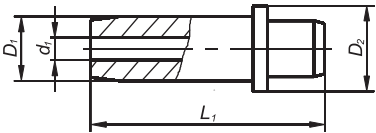
KLOECKNER-HUMBOLDT DEUTZ

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										
ENG. A 12L 612 15960ccm	57→ 162kw(220PS)	110 12										
ENG. F 6L 613 7412ccm	57→ 89kw(120PS)	110 V-6										
ENG. F 1L 514 1330ccm	62→ 13kw(18PS)	110 1	IN	V09	335 8980 335 8982	44,6x10x170	45	1	VV11 VV11.1 VV11.2	335 8928 335 8930 335 8931	10x20/18,03x75 +0,25 +0,50	G G
ENG. F/A 2L 514 2660ccm	62→ 27kw(36PS)	110 2	EX	V10	335 8981 335 8984	41,6x10x170	45	1	VV11 VV11.1 VV11.2	335 8928 335 8930 335 8931	10x20/18,03x75 +0,25 +0,50	G G
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										

			CYL. Ø Nº	IN	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
			EX	4	5	6	7	8	9	10	11	12	

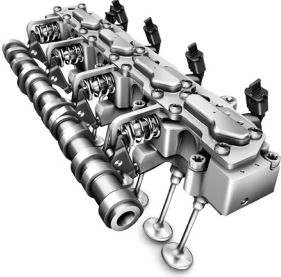
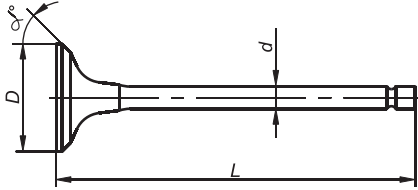
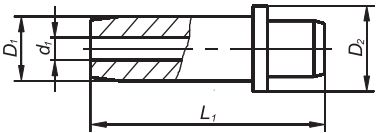
KLOECKNER-HUMBOLDT DEUTZ

ENG. A 12L 612 15960ccm	62→ 162kw(220PS)	110 12	IN	V09	335 8980 335 8982	44,6x10x170	45	1	VV11 VV11.1 VV11.2	335 8928 335 8930 335 8931	10x20/18,03x75 +0,25 +0,50	G G
ENG. F 6L 613 7412ccm	62→ 89kw(120PS)	110 V-6	EX	V10	335 8981 335 8984	41,6x10x170	45	1	VV11 VV11.1 VV11.2	335 8928 335 8930 335 8931	10x20/18,03x75 +0,25 +0,50	G G
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)											
ENG. F 6L 413 8480ccm	68-80 125/130kw(170/176PS)	120 V-6	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	68→ 169kw(230PS)	120 8	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	68-80 132/170kw(180/232PS)	120 V-8							VV128 VV128N VV128.1		10x18/16,05x78 +0,05 +0,25	G G
ENG. F 10L 413 14702ccm	68-80 220/224kw(272/305PS)	120 V-10										
ENG. F 12L 413 16965ccm	68-80 240/250kw(326/340PS)	120 V-12										
ENG. F 6L 413 F/FR 9572ccm	75-92 130/141kw(177/192PS)	125 V-6	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	75-92 180kw(245PS)	125 V-8	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	75-92 224kw(305PS)	125 V-10										
ENG. F 12L 413 F 19140ccm	75-92 268kw(364PS)	125 V-10										

			CYL.	IN	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
			Ø	EX									
1	2	3	4	5	6	7	8	9	10	11	12		

KLOECKNER-HUMBOLDT DEUTZ

ENG. BF 6L 413 F-Turbo 9572ccm 177kw(240PS)	75→	125	IN	V313 414 6226 414 6225 240 2585	53,6x10x165	45	1	VV40 VV40N VV40.1 VV40.2	414 7322	10x19/16,05x95	G		
	V-6											+0,05	G
												+0,25	
ENG. BF 8L 413 F-Turbo 12763ccm 235kw(320PS)	75→	125		V804 242 5052	53,6x10x165,7	60	1	VV40 VV40N VV40.1 VV40.2	414 7322	10x19/16,05x95	G		
	V-8	IN										+0,05	G
ENG. BF 10L 413 F-Turbo 15945ccm 294kw(400PS)	75→	125		V314 241 2165	46,6x10x165,3	45	1	VV41 VV41N VV41.1 VV41.2	414 7327	10x19/16,05x78	G		
	V-10	IN										+0,05	G
		EX										+0,25	
ENG. BF 12L 413 F-Turbo 19140ccm 353kw(480PS)	75→	125		V314 241 2165	46,6x10x165,3	45	1	VV41 VV41N VV41.1 VV41.2	414 7327	10x19/16,05x78	G		
	V-12	EX										+0,05	G
												+0,25	
ENG. BF 6L 413 FRW 9572ccm 141kw(192PS)	81-92	120	IN	V313 414 6226 414 6225 240 2585	53,6x10x165	45	1	VV73 VV73N VV73.1 VV73.2	414 9844	10x19/16,05x90	G		
	V-6											+0,05	G
												+0,25	
ENG. BF 8L 413 FRW 12763ccm 180kw(245PS)	81-92	125		V314 241 2165	46,6x10x165,3	45	1	VV74 VV74N VV74.1 VV74.2	414 9849	10x19/16,05x78	G		
	V-8	EX										+0,05	G
ENG. BF 10L 413 FRW 15953ccm 224kw(305PS)	81-92	125		V314 241 2165	46,6x10x165,3	45	1	VV74 VV74N VV74.1 VV74.2	414 9850	10x19/16,05x78	G		
	V-10											+0,25	
												+0,50	
ENG. BF 12L 413 FRW 19140ccm 268kw(364PS)	81-92	125		V314 241 2165	46,6x10x165,3	45	1	VV74 VV74N VV74.1 VV74.2	414 9851	10x19/16,05x78	G		
	V-12											+0,05	G
												+0,25	
ENG. F 6L 513 10038ccm 86kw(117PS)	85-92	128	IN	V313 414 6226 414 6225 240 2585	53,6x10x165	45	1	VV40 VV40N VV40.1 VV40.2	414 7322	10x19/16,05x95	G		
	V-6											+0,05	G
												+0,25	
ENG. F 8L 513 13384ccm 114kw(155PS)	85-92	128		V804 242 5052	53,6x10x165,7	60	1	VV40 VV40N VV40.1 VV40.2	414 7322	10x19/16,05x95	G		
	V-8	IN										+0,05	G
ENG. F 10L 513 16730ccm 143kw(195PS)	85-92	128		V314A 214 8907	46,6x10x165,3	45	1	VV41 VV41N VV41.1 VV41.2	414 7327	10x19/16,05x78	G		
	V-10											+0,05	G
												+0,25	
ENG. F 12L 513 20076ccm 172kw(234PS)	85-92	128		V314A 214 8907	46,6x10x165,3	45	1	VV41 VV41N VV41.1 VV41.2	414 7327	10x19/16,05x78	G		
	V-12	EX										+0,05	G
												+0,25	
ENG. BF 6L 513 RC 9572ccm 122kw(166PS)	89-92	125		V314A 214 8907	46,6x10x165,3	45	1	VV41 VV41N VV41.1 VV41.2	414 7328	10x19/16,05x78	G		
	V-6											+0,05	G
												+0,25	

			CYL.	IN	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
			Ø	EX									
1	2	3	4	5	6	7	8	9	10	11	12		

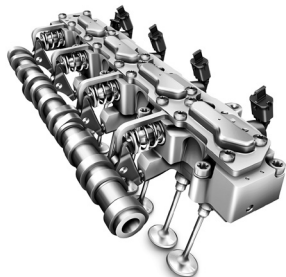
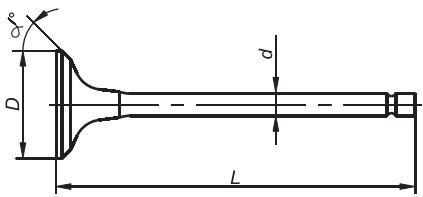
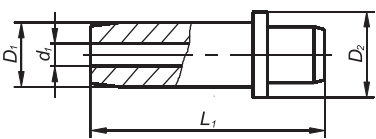
KLOECKNER-HUMBOLDT DEUTZ

ENG. BF 8L 513 12763ccm	89-92 137kw(186PS)	125 V-8	IN	V313	414 6226 414 6225 240 2585	53,6x10x165	45 1	VV40	414 7322	10x19/16,05x95	G
								VV40N		+0,05	G
								VV40.1	414 7323	+0,25	
ENG. BF 10L 513 15953ccm	89-92 172kw(234PS)	125 V-10	IN	V804	242 5052	53,6x10x165,7	60 1	VV40	414 7322	10x19/16,05x95	G
								VV40N		+0,05	G
ENG. BF 12L 513 19144ccm	89-92 206kw(280PS)	125 V-12	IN	V804	242 5052	53,6x10x165,7	60 1	VV40	414 7322	10x19/16,05x95	G
								VV40N		+0,05	G
ENG. BF 12L 513 19144ccm	89-92 206kw(280PS)	125 V-12	EX	V314A	214 8907	46,6x10x165,3	45 1	VV41	414 7327	10x19/16,05x78	G
								VV41N		+0,05	G
								VV41.1	414 7328	+0,25	
								VV41.2	414 7329	+0,50	
ENG. F 6L 413 F 9572ccm	93→ 130kw(170PS)	125 V-6	IN	V571	418 5770	53,6x10x165	45 4	VV40	414 7322	10x19/16,05x95	G
								VV40N		+0,05	G
ENG. F 8L 413 F 12763ccm	93→ 180kw(245PS)	125 V-8	IN	V571	418 5770	53,6x10x165	45 4	VV40.1	214 7323	+0,25	
								VV40.2	214 7324	+0,50	
ENG. F 10L 413 F 15945ccm	93→ 224kw(305PS)	125 V-10	EX	V572	418 5461	46,6x10x165,3	45 4	VV41	414 7327	10x19/16,05x78	G
								VV41N		+0,05	G
								VV41.1	214 7328	+0,25	
								VV41.2	214 7329	+0,50	
ENG. F 12L 413 F 19140ccm	93→ 268kw(364PS)	125 V-12	EX	V572	418 5461	46,6x10x165,3	45 4	VV41	414 7327	10x19/16,05x78	G
								VV41N		+0,05	G
ENG. BF 6L 413 FW 9572ccm	93→ 141kw(192PS)	125 V-6	IN	V578	418 5463	53,6x10x165,8	60 4	VV40	414 7322	10x19/16,05x95	G
								VV40N		+0,05	G
ENG. BF 8L 413 FW 12763ccm	93→ 180kw(245PS)	125 V-8	IN	V578	418 5463	53,6x10x165,8	60 4	VV40.1	214 7323	+0,25	
								VV40.2	214 7324	+0,50	
ENG. BF 10L 413 FW 15953ccm	93→ 224kw(305PS)	125 V-10	EX	V572	418 5461	46,6x10x165,3	45 4	VV41	414 7327	10x19/16,05x78	G
								VV41N		+0,05	G
								VV41.1	214 7328	+0,25	
								VV41.2	214 7329	+0,50	
ENG. BF 12L 413 FW 19140ccm	93→ 268kw(364PS)	125 V-12	EX	V572	418 5461	46,6x10x165,3	45 4	VV41	414 7327	10x19/16,05x78	G
								VV41N		+0,05	G
ENG. BF 6L 513 9572ccm	93→ 122kw(166PS)	125 V-6	IN	V313	414 6226 414 6225 240 2585	53,6x10x165	45 1	VV40	414 7322	10x19/16,05x95	G
								VV40N		+0,05	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

KLOECKNER-HUMBOLDT DEUTZ

ENG. BF 8L 513 12763ccm 137kw(186PS)	93→	125 V-8	IN	V578	418 5463	53,6x10x165,8	60	4	VV40	414 7322	10x19/16,05x95	G
									VV40N		+0,05	G
ENG. BF 10L 513 15953ccm 172kw(234PS)	93→	125 V-10	IN	V572	418 5461	46,6x10x165,3	45	4	VV40.1	214 7323	+0,25	
									VV40.2	214 7324	+0,50	
ENG. BF 12L 513 19144ccm 206kw(280PS)	93→	125 V-12	EX	V572	418 5461	46,6x10x165,3	45	4	VV41	414 7327	10x19/16,05x78	G
									VV41N		+0,05	G
ENG. BF 12L 513 19144ccm 206kw(280PS)	93→	125 V-12	EX	V572	418 5461	46,6x10x165,3	45	4	VV41.1	214 7328	+0,25	
									VV41.2	214 7329	+0,50	
ENG. F 6L 513 10038ccm 86kw(117PS)	93→	128 V-6	IN	V610	418 5462	56,6x10x165,5	45	4	VV40	414 7322	10x19/16,05x95	G
									VV40N		+0,05	G
ENG. F 8L 513 13384ccm 114kw(155PS)	93→	128 V-8	IN	V610	418 5462	56,6x10x165,5	45	4	VV40.1	214 7323	+0,25	
									VV40.2	214 7324	+0,50	
ENG. F 10L 513 16730ccm 143kw(195PS)	93→	128 V-10	EX	V572	418 5461	46,6x10x165,3	45	4	VV41	414 7327	10x19/16,05x78	G
									VV41N		+0,05	G
ENG. F 12L 513 20076ccm 172kw(234PS)	93→	128 V-12	EX	V572	418 5461	46,6x10x165,3	45	4	VV41.1	214 7328	+0,25	
									VV41.2	214 7329	+0,50	
ENG. BF 6M 1015 Euro 2 1190ccm 228/341kw(310/464PS)	98→	132 6	IN	V1631	422 6413	46x8x133	60	3	VV505	422 0708	8x15,03x66	G
					422 0143							
ENG. BF 6M 1015C Euro 2 1190ccm 228/341kw(310/464PS)	98→	132 6	EX	V1632	422 6412	42x8x133	45	3	VV505	422 0708	8x15,03x66	G
					422 0142							
ENG. BF 6M 1015CP Euro 2 1190ccm 261/330kw(350/443PS)	99→	132 6	IN	V1631	422 6413	46x8x133	60	3	VV505	422 0708	8x15,03x66	G
					422 0143							
ENG. BF 6M 1015 CU Euro 2 1190ccm 226/305kw(350/410PS)	99→	132 6	EX	V1632	422 6412	42x8x133	45	3	VV505	422 0708	8x15,03x66	G
					422 0142							
ENG. BF 8M 1015C Euro 2 15870ccm 304/454kw(414/617PS)	90→	132 8	IN	V1631	422 6413	46x8x133	60	3	VV505	422 0708	8x15,03x66	G
					422 0143							
ENG. BF 8M 1015C Euro 2 15870ccm 304/454kw(414/617PS)	90→	132 8	EX	V1632	422 6412	42x8x133	45	3	VV505	422 0708	8x15,03x66	G
					422 0142							

			CYL.	IN	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
			Ø	EX									
1	2	3	4	5	6	7	8	9	10	11	12		

KLOECKNER-HUMBOLDT DEUTZ

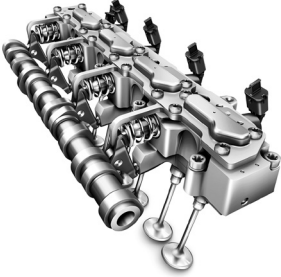
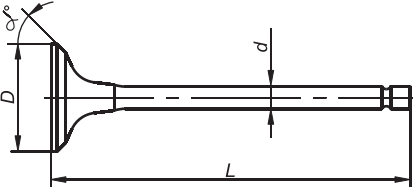
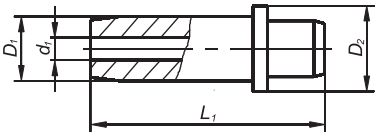
ENG. BF 8M 1015CP 99→ Euro 2 15870ccm 294/440kw(400/538PS)	132	IN	V1631	422 6413 422 0143	46x8x133	60	3	VV505	422 0708	8x15,03x66	G F
ENG. 8M 1015M 93→ Euro 2 15870ccm 290/304kw(394/413PS)		EX	V1632	422 6412 422 0142	42x8x133	45	3	VV505	422 0708	8x15,03x66	G F
ENG. BF 6M 1015 CU 99→ 1190ccm 226/305kw(350/410PS)											
ENG. TD 2015 V6 Euro 3 11190ccm 360kw(489PS)	132	IN	V1631	422 6413 422 0143	46x8x133	60	3	VV505	422 0708	8x15,03x66	G F
ENG. TD 2015 V8 Euro 3 15900ccm 500kw(680PS)		EX	V1632	422 6412 422 0142	42x8x133	45	3	VV505	422 0708	8x15,03x66	G F
ENG. BF6M 1015 90→ Euro 1 11910ccm 187/250kw(255/340PS)	136	IN	V1631	422 6413 422 0143	46x8x133	60	3	VV505	422 0708	8x15,03x66	G F
ENG. BF8M 1015 93→ Euro 2 15870ccm 290/304kw(394/413PS)	132	EX	V1632	422 6412 422 0142	42x8x133	45	3	VV505	422 0708	8x15,03x66	G F

KOMATSU

ENG. SGD-155-4 D 159		IN	V517	6127 41 4113 5021 3800	56,2x11x212,5	60	1				
		EX	V518	6127 41 4214	53,1x11x212,5	45	1				

KÜHLA AUTOMAT

ENG. 12 KVD 21-3	180	IN	V503	489298 142	65x14x260	60	7	VV49	485098 016	14x22,03x98	G A1
	12	EX	V504	489298 144	65x14x206	60	7	VV50	485098 017	14x22,03x75	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

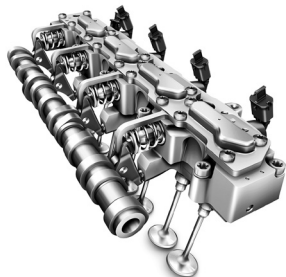
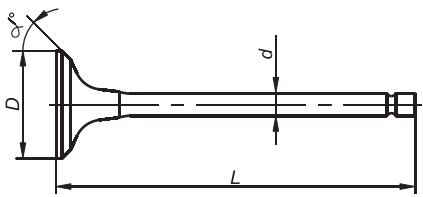
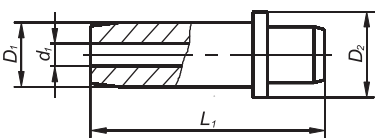
KUBOTA

NEW		IN	V2215		26x6x76,8	45	1				
		EX	V2216		22,5x6x76,8	45	1				
V3003	4	IN	V2319	1C01013113	30,9x7x101,2	60	8				
NEW		EX	V2320	1C01013122	34x8x112,5	45	1				
D1105	3	IN	V2321	1G67313110	31x7x89,7	60	8				
V1505		EX	V2322	1G67313120	27,5x7x89,8	45	8				
NEW	4										
Z 75		IN	V1677		32,9x8x100,9	45	1				
		EX	V1678		26,8x8x101	45	1				
V2403	4	IN	V2181	1G89613110	33,4x8x102,3	60	1				
NEW		EX	V2182	1G89613120	28,5x8x102,2	45	1				

LADA

1200	72→	76	IN	V223	2101-1007010	37x8x113	45	1	VV71	2101-1007032	8x14,04x42,5	G
VAZ 1011/2101/2102		4			4 183 269				VV71.1		+0,07	F1
1198ccm	44/46kw(60/62PS)								VV71.2		+0,22	
1300	74→	79	EX	V224	2101-1007012	31,5x8x113	45	1	VV72	2101-1007033	8x14,04x49	G
VAZ 21011/21033		4			4 183 270				VV72.1		+0,07	F1
1294ccm	48/52kw(65/70PS)								VV72.2		+0,22	
1500	73→	76										
VAZ 2103		4										
1451ccm	55/57kw(75/77PS)											
1600	74→	76										
VAZ 2106/2107/2121		4										
NIVA 4x4	74→											
VAZ 2106/2107/2121												
1568ccm	58kw(78PS)											

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART №
LADA													
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	
			EX	V458	2108-1007012 46 601 013	31,5x8x104	45	3	VV121	2108-1007032	8x14,04x37,5	G F1	
Samara 1.3 Eng. 2108 1288ccm 48kw(65PS)	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	
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→	82 4	IN	V1049	2112-1007010	29,3x7x96,2	45	3	VV336 VV336N	2101-12214	7x12,07x39 +0,05	B F	
	95→		EX	V1050	2112-1007012	25,5x7x97,2	45	3	VV336 VV336N	2101-12214	7x12,07x39 +0,05	B F	
110 2.0i 16V Eng. C20 XE 4V 1998ccm 110kw(150PS)	96→	86 4	IN	V835	642 758	33x7x105	45	3	VV207		7x13,04x41	G F1	
			EX	V836	642 858	29x7x105	45	3	VV207		7x13,04x41	G F1	
LADA DIESEL													
Samara 1.5D Eng. TUD5 1527ccm 42kw(57PS)	95→	77 4	IN	V1089	0948.74	37x7x108,5	45	1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F	
			EX	V1089N1		+0,5S							
			IN	V1090	0949.80	31,5x7x108,2	45	1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F	
			EX	V1090N1		+0,5S							

	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	

LADA DIESEL

Niva 1.9D 4x4 Eng. XUD 9A 1905ccm 47/52kw(64/71PS)	93→	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)	99→	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)	77-85	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		
					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					

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE		
														4	5
LANCIA															
Y 10 Fire 1.0 Eng. 156 A2.000 Y 10 4WD Fire 1.0 Eng. 156 A3.000 999ccm 33/37kw(45/50PS)	85→	70 4	IN	V731	7 666 228	30,4x7x97,1	45	1	VV70	4 265 699	7x13,01x42,5	G			
									VV70.1	4 372 331			+0,05	F	
									VV70.2	4 372 332			+0,10		
									VV70.3	4 265 700			+0,20		
Y 10 Selectronic 1.1 Eng. 156 C.000 Y 10 1.1 Elefantino Blu Eng. 176. B2.000 Eng. M 609. MA. 11C Y 1.1 Eng. 176 B2.000 1108ccm 40/42kw(54/57PS)	89→	70 4	EX	V732	7 666 227	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		
Y10 1.1ie Eng. 176 B2.000 1108ccm 40kw(54PS) Y 1.1ie Eng. 176 B2.000 1108ccm 40kw(54PS)	95→	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		
Y 1.2ie Eng. 840 A3.000/188 A4.000 Up to eng. N.2533527 1242ccm 44kw(60PS)	96→	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		
Ypsilon 1.2i.e. Eng. 188 A4.000 From eng. N.2533528 1242ccm 59/63kw(80/86PS)	03→	70,8 4	IN	V1555	55194993 55194994	31,9x5x98,4 27,3x5x98,7	45	3	VV377	55190559	5x10,06x44	G			
										VV377.1				+0,03	F
										VV377.2			55190560	+0,23	
									EX	VV377	55190559	5x10,06x44	G		
										VV377.1				+0,03	F
										VV377.2	55190560			+0,23	
		VV533	BRONZE VERSION	5x10,06x44	B										

1	2	3	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
LANCIA														
Y 1.2i.e. 16V Eng. 176 B9.000	97→	70,8	4	IN		V1007* * Retainer	46403681 s.e. 7,8 mm	26,9x6x95,2	45	3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
	00-03													
	Ypsilon 1.2i.e. 16V Eng. 188 A5.000 Up to eng. N.985540 1242ccm 59/63kw(80/86PS)													
Ypsilon 1.4i.e. 16V Musa Y 1.4i.e. 16V Eng. 843 A1.000 Up to eng. N.984712 1368ccm 70kw(95PS)	03→ 04-06	72 4												
New Y 1.2 16V Ypsilon 1.2 16V Eng. 188 A5.000 N ^o 985541 1248ccm 59kw(80PS)	97-03	70,8	4	IN		V1451* * Retainer	55185028 s.e. 2,5 mm	26,9x6x95,2	45	3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F
	03→													
	Musa 1.4 16V Ypsilon 1.4 16V Eng. 843 A1.000 Up to eng. N.984713 1368ccm 66/70kw(90/95PS)													
Nuova Delta 1.4 T 16V Eng. 198 A4.000 1368ccm	08→	72	4	IN	V1451* * Retainer	55185028 s.e. 2,5 mm	26,9x6x95,2	45	3	VV259 VV259.1 VV259.2	46441525 73500256 73500257	6x10,04x39,7 +0,03 +0,23	G F	
				EX	V1452* * Retainer	55206223 s.e. 2,5 mm	22,4x6x94,7	45	3	VV259 VV259.1 VV259.2 VV527	46441525 73500256 73500257 BRONZE VERSION	6x10,04x39,7 +0,03 +0,23	G F B F	

1	2	3	4	5	6	7	8	9	10	11	12
LANCIA											
Delta 1.4 GPL 11→ Eng. 198 A4.000 1368ccm	72	IN	V2021	55225886	26,8x6x95,2	60	3	VV259	46441525	6x10,04x39,7	G
								VV259.1	73500256	+0,03	F
		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. 05→ Ypsilon 1.4i.e. 04→ Eng. 350 A1.000 1368ccm 57kw(78PS)	72	IN	V1621	55194219	33,2x5x99,9	45	3	VV377	55190559	5x10,06x44	G
								VV377.1		+0,03	F
		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. 93→ Eng. 836 A4.000/160 A1.046 1372ccm 51kw(69PS)	80,5	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	
		EX	V153	4 314 869	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		
								VV69.4	4 372 162	+0,23	
Dedra 1.6i.e. 94→ Eng. 159 B9.000 1581ccm 66kw(90PS)	80,5	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
Ypsilon 0.9 Twin Air 12→ Eng. 312 A2.000 875ccm	80,5	IN	V2023	55229666	30,15x5x95,5	45	3				
								EX	V2024	55231897	25,4x5x95,3

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
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	
		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		
Libra 2.0i 20V Kappa LI 2.0 20V Eng. M648.AA.19C Eng. 838 A1.000 Eng. 175 A3.000 1998ccm 107/114kw(145/155PS)	99→	82	IN	V963	7 735 898 60812982	30x7x113	45	3	VV70	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	
	94→	5	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	
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	
		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		

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	
												2
LANCIA												
Delta/Delta LE, GT, HPE 1.7 16V Eng. 182 A1.000, 181 A1.000	96→	82	IN	V729	7 766 564	33,5x7x113	45	3	VV70	4 265 699	7x13,01x42,5	G
Dedra/Dedra GT, HPE 1.7 16V Eng. 182 A1.000, 181 A1.000	96→	4							VV70.1	4 372 331	+0,05	F
Libra SW 1.7 16V Eng. 839 A4.000, 839 A7.000 1747ccm 96kw(131PS)	99→								VV70.2	4 372 332	+0,10	
									VV70.3	4 265 700	+0,20	
									VV70.4	4 372 333	+0,25	
Kapa SW 2.0i.e. 20V Eng. 838 A6.000	96→	82	EX	V730	7 766 565	28x7x108,4	45	3	VV70	4 265 699	7x13,01x42,5	G
Libra SW 2.0i.e. 20V Eng. 182 B7.000, 185 A8.000 1998ccm 113kw(154PS)	99→	5			60674496				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	
Thesis 2.0i.e. 20V Turbo Eng. 841 E.000 1998ccm 136kw(185PS)	96→											
Kapa LS/LX Coupe 2.4i.e. 20V Eng. 838 A2.000, 838 B2.000	94→	83										
Thesis 2.4i.e. 20V Eng. 841 D.000 2446ccm 125/129kw(170/175PS)	00→	5										
Delta 1.8i.e.LE Eng. M610 LA. 18C 1756ccm	93→	84	IN	V705	7 574 379	34,4x7x128	45	1	VV267	7 616 998	7x14,04x51,3	G
Dedra 1.8i.e.LE, LS Eng. M610 LA. 18C 1756ccm	94→	4			7 722 907				VV267.1	7 616 992	+0,03	F
									VV267.2	7 616 993	+0,08	
									VV267.3	7 616 994	+0,18	
Thema i.e. 2.0 16V Eng. 834 B2.000 1995ccm 110kw(150PS)	89→		EX	V706	7 598 073	28,5x7x125,7	45	1	VV267	7 616 998	7x14,04x51,3	G
					7 650 916				VV267.1	7 616 992	+0,03	F
					7 574 742				VV267.2	7 616 993	+0,08	
									VV267.3	7 616 994	+0,18	
Delta 2.0 HF 16V Turbo 4WD Eng. 836 A2.000 1995ccm 142/155kw(193/211PS)	87-91								VV544	BRONZE VERSION	7x14,04x51,3	B
Nuova Delta 20 Turbo 16V Eng. 836 A2.000 1995ccm 142/155kw(193/211PS)	93→											F
Delta 2.0 16V Eng. 836 A3.000 Eng. 834 F1.000 1995ccm 102/114kw(139/155PS)	94→											
Dedra 2000 16V Eng. 836 A3.000 Eng. 834 F1.000 1995ccm 102/114kw(139/155PS)	94→											
Thema 2.0 16V Eng. 836 A3.000 Eng. 834 F1.000 1995ccm 102/114kw(139/155PS)	92→											
Kappa LS, LX, Coupe LS 2.0 16V Eng. 838 A4.000 Turbo 1995ccm 151kw(205PS)	96→											

1	2	3	4	5	6	7	8	9	10	11	12
LANCIA											
Delta FL 83 1.6i.e. 84→	84	IN	V945	7 547 400	43,5x8x105,6	45	1	VV273	4 250 801	8x14,07x42	G
Prisma GT 1.6i.e. 84→	4			4 440 061				VV273.1	4 371 508	+0,03	F
Eng. 831 A4.000/831 B3.000 1585ccm 103kw(140PS)				46406169				VV273.2	4 250 802	+0,18	
Delta 1.8i.e. 94→99		EX	V946	5 975 341	36,2x8x105,9	45	1	VV273	4 250 801	8x14,07x42	G
Dedra 1.8i.e. 89→				7 597 080				VV273.1	4 371 508	+0,03	F
Eng. 159 A4.000/835 A2.000/835 C2.000 1756ccm 76/79/81kw(103/107/110PS)				5 973 041				VV273.2	4 250 802	+0,18	
Dedra 2.0i.e. 90→											
Eng. 154 A2.000/835 A5.000											
Prisma 4WD 2.0i.e. 87→											
Eng. M407 BA. 20.0											
Thema 2.0i.e. 84→											
Eng. 834 B.000/831 B5.000 1995ccm 83/85/88kw(113/115/120PS)											
Dedra 2.0i.e. T. 89→											
Delta 4WD 2.0i.e. 87→											
Eng. 835 A8.000/831 B5.000 1995ccm 121kw(165PS)											
Dedra HF/HF 4x4 2.0 TDi.e. 91→											
Thema 2.0 TDi.e. 90→											
Eng. 154 C4. 046/M407 CT 20.C											
Delta 4WD 2.0TDi.e. 85→											
Eng. M407 BT. 20.0/831 B5.000											
Thema/Cambio 2.0 TDi.e. 85→											
Eng. 834 C. 000/M601 A4. 20.007 1995ccm 121/130kw(165/177PS)											
Dedra 2.0i.e. 8V 90→											
Eng. 835 A2.000 1995ccm 85/88kw(115/120PS)											
Prisma 1.6i.e. GT 84→89											
Eng. 138 AR2.000 1585ccm											
Prisma 2.0 4WD 87→											
Eng. M407 BA.200/831 B4.000 1995ccm 85kw(115PS)											

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART N ^o
LANCIA													
Phedra 2.0 16V 02→ Zeta 2.0 16V 00→ Eng. EW10J4-RFN 1997ccm 100kw(136PS)	85	IN	V1091 96239503	33,3x6x106,2	45	1		VV339 02130.12	6x12,07x40	B			
												EX	V1092 96360017
Thema LS 2.0 16V Turbo 92→ Eng. 834 F2.000 Turbo 1995ccm 148kw(201PS)	84	IN	V1389 7 687 459	27,5x7x128	45	1		VV267 7 616 998 VV267.1 7 616 992 VV267.2 7 616 993 VV267.3 7 616 994	7x14,04x51,3	G			
												EX	V1390 7 687 460 7 687 469
		86	IN	V997 96059361	42,6x8x108,8	45	3		VV239 02130.12 VV239.1 02130.13 VV239.2 02130.13	8x13,08x43,6	B		
Zeta 2.0 i.e. 16V 99-00 Phedra 2.0 i.e. 16V 02→ Eng. XU10J4R-RFX →No 07358 1998ccm 97/100kw(132/136PS)	86	IN	V909* 91540748 0948.75 * Retainer s.e. 2,2 mm	34,6x7x106,4	45	3		VV244 0221.19 VV244.1 0221.19	7x12,08x40	B			
												EX	V910* 91540782 0949.81 * Retainer s.e. 2,2 mm
Zeta 2.0i.e. 16V 00→ Eng. XU10J4 DOHC-RFV 1998ccm 97kw(132PS)	86	IN	V1183 96289433	34,6x6x106,3	45	1		VV317 0221.25 VV317.1 0221.24	6x12,06x40,8	B			
												EX	V1184 96298611

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART N ^o
LANCIA													
Delta 1300 79→ Prisma 1300 82→ Eng. 831 A2.000 1301ccm 57/58kw(75/79PS)	86,4	IN	V152	4 460 697	36x8x108,5	45	1	VV69	4 250 803	8x14,06x46,5	G		
				4 239 917				VV69.1	4 372 160			+0,03	F
								VV69.2	4 372 161			+0,08	
								VV69.3	4 250 804			+0,18	
			EX	V412	5 973 128	31x8x109	45	1	VV69	4 250 803	8x14,06x46,5	G	
		4 315 062			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	IN	V825	46462158	30,3x7x102,5	45	1	VV70	4 265 699	7x13,01x42,5	G		
				46517325				VV70.1	4 372 331			+0,05	F
								VV70.2	4 372 332			+0,10	
								VV70.3	4 265 700			+0,20	
			EX	V826	46462159	29,8x7x102,8	45	1	VV70	4 265 699	7x13,01x42,5	G	
		46461209			VV70.1				4 372 331	+0,05			F
					VV70.2				4 372 332	+0,10			
					VV70.3				4 265 700	+0,20			
							VV70.4	4 372 333	+0,25				
Delta 1500 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	IN	V152	4 460 697	36x8x108,5	45	1	VV69	4 250 803	8x14,06x46,5	G		
				4 239 917				VV69.1	4 372 160			+0,03	F
								VV69.2	4 372 161			+0,08	
								VV69.3	4 250 804			+0,18	
			EX	V506	5 973 129	33,2x8x109	45	1	VV69	4 250 803	8x14,06x46,5	G	
		7 565 813			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		

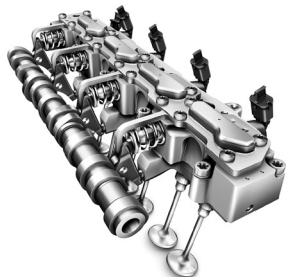
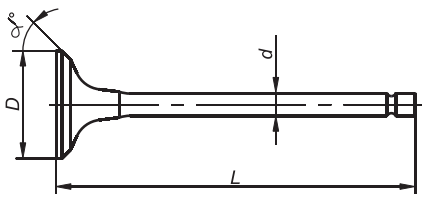
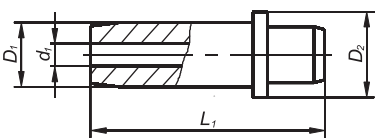
1	2	3	4	5	6	7	8	9	10	11	12
LANCIA											
Dedra 1.6 Spi (Weber) 89→ Eng. 835 A1.000 Delta 6 1.6 89→ 1581ccm 66kw(90PS)	86,4 4	IN	V735	7 617 500	39,5x8x108,5	45	1	VV69	4 250 803	8x14,06x46,5	G
								VV69.1	4 372 160	+0,03	F
Dedra 1.6 Spi (Bosch) 89→ Eng. 835 A1.000 1581ccm 66kw(90PS)	86,4 4	IN	V411	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
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
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)	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
Thesis 3.2 V6 24V 03→ Eng. 841 A/L.000 3179ccm 169kw(230PS)	93 V6	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

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
LANCIA DIESEL													
Ypsilon 1.3 JTD 16V Musa 1.3 JTD 16V Eng. 188 A9.000 1248ccm 51kw(69PS)	03→	69,6	IN	V1413	46518930	21,7x6x109,2	45	3	VV391	46816601	6x10,03x43,2	G	
	03→	4	EX	V1414	46518931	21,7x6x109,2	45	3	VV391	46816601	6x10,03x43,2	G	
Ypsilon 1.3 MJT 16V Eng. 199 A2/A3.000 1248ccm 55/77kw(75/105PS)	03→												
Ypsilon 1.3 16V MJ Musa 1.3 16V MJ Eng. Euro 5 1242ccm	09→	69,6	IN	V1873	55204574	22,45x6x109,2	45	3	VV391	46816601	6x10,03x43,2	G	
	09→	4	EX	V1874	55223836	22,5x6x109,2	45	3	VV391	46816601	6x10,03x43,2	G	
Musa 1.6 MJT 16V Delta 1.6 MJT 16V Eng. 350 A2/A3.000 1598ccm 77kw(105PS)	08→	79,5	IN	V1680	55205125	26,5x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G	
	08→	4	EX	V1596	55223836	24,5x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G	
Nuova Delta 1.9 MJT Eng. 844 A1.000 1910ccm	08→	82	IN	V1595*	55206431	27,9x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G	
		4			* Retainer s.e. 4,9 mm				VV437.1	55210015	+0,03	A	
Libra 1.9 JTD Musa 1.9 JTD Eng. AR 32302/188 B2.000 1910ccm 74/77kw(101/105PS)	99→	82	IN	V1033	608 14 605	35,5x8x115	45	3	VV260	7 565 472	8x14,04x43	G	
	04→	4			46750859				VV260.1	46 433 782	+0,03	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→	82	IN	V1033	608 14 605	35,5x8x115	45	3	VV260.2	46 433 783	+0,08		
	98→	5	EX	V1034	608 14 604	34,5x8x115	45	3	VV260.3	7 565 473	+0,18		
Thesis 2.4 JTD 10V Eng. 841 C.000 2387ccm 110kw(150PS)	00→								VV260.4	46 433 784	+0,23		

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART N ^o
LANCIA DIESEL													
Kappa 2.4 LE/LS TD 10V 94→ Eng. M717 AT 24T Eng. 838 A3/A8.000 2387ccm 91kw(124PS)	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								
		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								
Thesis 2.4 JTD 20V 03→ Eng. 841 M.000/841 N.000 Eng. 841 G.000/841 H.000 2387ccm 129kw(175PS)	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 03→ Eng. 841P.000 Up to eng. 553217 2387ccm 129kw(175PS)		82 5	IN	V2025	55190248	27,9x5x114,2	45	3	VV437	55210016	5x10,04x46,7
			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 03→ Eng. 841 P.000 From eng. 553218 2387ccm		82 5		IN	V1595*	55206431 * Retainer s.e. 4,9 mm	27,9x5x114,4	45	3	VV437	55210016	5x10,04x46,7
VV437.1						55210015	+0,03	A					
VV437.2		55210017		+0,23									
EX		V1596*		55205183 55207955 * Retainer s.e. 5,9 mm		24,5x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G	
		VV437.1		55210015	+0,03	A							
		VV437.2		55210017	+0,23								

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→ 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	4 250 803	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						
Delta 1.9 TD Eng. 149 A1.000-Turbo Prisma 1.9 TD Eng. 831 A1.000-Turbo 1929ccm 59kw(80PS)	86→ 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						
		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						
Dedra 1.9 TD Eng. 835 A4.000-Turbo 1929ccm 68kw(92PS)	89→ 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						
		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						
Nuova Delta 2.0 MJT Eng. 198 A5.000 1956ccm	08→ 4	IN	V1595*	55206431	27,9x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
			* Retainer s.e. 4,9 mm					VV437.1	55210015	+0,03	A
								VV437.2	55210017	+0,23	
		EX	V1596*	55207955	24,5x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
			* Retainer s.e. 5,9 mm					VV437.1	55210015	+0,03	A
								VV437.2	55210017	+0,23	
Zeta 2.0 JTD 16V Eng. DW10 TD Turbo – RHW, RHZ Common Rail 1998ccm 66kw(90PS)	99→ 4	IN	V1085	96247742	35,6x6x107,1	45	3	VV378	96403403	6x10,06x41,5	G
								VV378.1		+0,05	A
								VV266		6x12,07x42,5	G
								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

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
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	IN	4	V1313	96353179 0948.C0	29,9x6x106,2	45	3		VV378	96403403	6x10,06x41,5 +0,05	G A
										VV378.1			
Phedra 2.0 MJT 16V 05→ 1997ccm 88kw(120PS)	85	EX	4	V1314	96353184 0949.A9	25x6x106,1	45	3		VV266	96403403	6x12,07x42,5 +0,05	G F
										VV266.1			
Zeta 2.1 TDS 12V 96→ Eng. XUD11ATE/BTE, P8C Turbo Diesel 2088ccm 80kw(109PS)	85	IN	4	V1095	96007817 96008334	33,9x8x122,3	45	3		VV378	9456 029 080	8x13,08x54,5 +0,20	G A
										VV378.1			
Zeta 2.1 TDS 12V 96→ Eng. XUD11ATE/BTE, P8C Turbo Diesel 2088ccm 80kw(109PS)	85	EX	4	V1096	96042957 96079213	33,9x8x121,9	45	3		VV245	9456 029 080	8x13,08x54,5 +0,20	B F
										VV245.1			
Phedra 2.2 JTD 16V 03→ Eng. DW12ATED4-4HW 2179ccm 94/103kw(128/140PS)	85	IN	4	V1179	96271843 0948.A3	29,8x6x105	45	3		VV378	96403403	6x10,06x41,5 +0,05	G A
										VV378.1			
Phedra 2.2 JTD 16V 03→ Eng. DW12ATED4-4HW 2179ccm 94/103kw(128/140PS)	85	EX	4	V1180	96344375 0949.A3	25x6x105	45	3		VV378	96403403	6x10,06x41,5 +0,05	G A
										VV378.1			
Phedra 2.2 D Multijet 08→ Eng. 4HT 2179ccm 125kw(170PS)	85	IN	4	V1723	0948.E5	27,2x6x95,8	45	3		VV378	0220.A2	6x10,06x41,5 +0,05	G A
										VV378.1			
Phedra 2.2 D Multijet 08→ Eng. 4HT 2179ccm 125kw(170PS)	85	EX	4	V1724	0949.E1	25x6x95	45	3		VV378	0220.A2	6x10,06x41,5 +0,05	G A
										VV378.1			
Thema 2.5 TD 84→ Eng. 8144.91-Turbo 2445ccm 74kw(100PS)	93	IN	4	V326	7 301 820 4 757 358	41x8x120,7 +1,0S	60	1		VV58	4 726 483 4 733 258 4 733 259 4 733 260	8x13,03x60 +0,03 +0,08 +0,18 +0,23	G A
										VV58.1			
Thema 2.5 TD S 89→ Eng. 8144.97-Turbo 2499ccm 85kw(118PS)	93	EX	4	V327	7 302 157 7 301 821	34,4x8x122 +1,0S	45	1		VV58.2	4 726 483 4 733 258 4 733 259 4 733 260	8x13,03x60 +0,03 +0,08 +0,18 +0,23	G A
										VV58.3			
Voyager 2.8 JTD 11→ Eng. ENS 2777ccm	94	IN	4	V1745	K68027469AA	31,8x6x107,6	45	3		VV58.4	5066773AA	6x11,03x44,5	G F
										VV58.4			
Voyager 2.8 JTD 11→ Eng. ENS 2777ccm	94	EX	4	V1746	K68027470AA	29,2x6x107,8	45	3		VV530	5066773AA	6x11,03x44,5	G F G F
										VV530			

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

LAND ROVER

Land Rover Santana Suzuki Engine SJ413 1325ccm 38/44kw(52/60PS)	87→	74 4	IN	V1307	12911A82000	36x7x115,5	45	1	VV418	11116-73010	7x12,06x48	G
			EX	V1308	12915A82050	30x7x114,5	45	1	VV418	11116-73010	7x12,06x48	+0,05
Freelander 1.8i 16V Eng. 18K4F 1796ccm 88kw(120PS)	00→	80 4	IN	V1329	LGH 10029	27,7x6x89,6	45	1	VV269	WAM 1452	6x9,85x30	G
			EX	V1332	LGH 10065 LGH 101360	27,5x6x90	45	1	VV269	WAM 1452	6x9,85x30	+0,05
Freelander 2.5i V6 24V Eng. 25K4F 2497ccm 130kw(177PS)	00→	80 V6	IN	V1331	LGH 10064	31,5x6x89,6	45	1	VV415	LGJ 10034	6x9,89x30	G
			EX	V1332	LGH 10065 LGH 101360	27,5x6x90	45	1	VV416	LGJ 10033	6x10,14x30	+0,05
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
			EX	V1902	ETC 5866	34,3x8,7x111,4	45	3	VV502	500145	8,7x14,3x52,5	
Range Rover 4.4i V38 Eng. 44852 4398ccm	02→	92 V8	IN	V1281	1134 1 736 549	34,9x6x104,1	45	3	VV202	1112 1 735 534	6x12,56x43,5	B
			EX	V1282	1134 1 741 231	30,4x6x103,6	45	3	VV202	1112 1 735 534	6x12,56x43,5	+0,05
										+0,10		
										+0,20		
										+0,05		
										+0,10		
										+0,20		

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	1112 2 244 464	6x12,56x39,5	B
			EX	V940	STC2149	30,9x6x103,5	45	3	VV162	1112 2 244 464	6x12,56x39,5	+0,05
										+0,10		
										+0,05		
										+0,10		

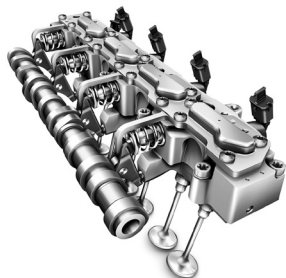
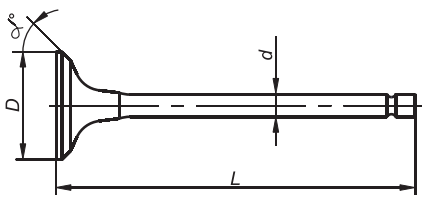
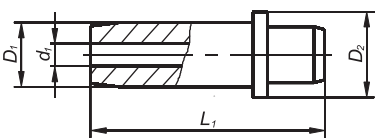
1	2	3	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
LAND ROVER DIESEL													
Freelander 2.0 TD4 16V Eng. 204D3 1951ccm	00→	84 4	IN	V994	LGH 101450	26x6x99,9	45	3		VV247 VV247.1		6x11,55x39 +0,05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

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
LAND ROVER DIESEL													
Range Rover Sport Discovery III 4400ccm NEW	02→		V8	IN	V2325	4646005 LR002447	34,8x5x105,3	45	1				
				EX	V2326	4646004	30,9x5x105,1	45	1				
Defender 2.5 TDi 90/110/130 Discovery 2.5 TDi Range Rover 2.5 TDi Eng. 12L-200TDi 2495ccm	90-94 89-94 90-94	90,5 4		IN	V1647	ERR 1157	39,5x8x116,5	60	3	VV438 VV438N	ETC 8003	8x14,07x49 +0,2	G F
				EX	V1648	ERR 1156	36,5x8x116,5	45	3	VV438 VV438N	ETC 8003	8x14,07x49 +0,2	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	V1903	ERR 3777	38,9x8x116,3	60	3	VV438 VV438N	ETC 8003	8x14,07x49 +0,2	G F
				EX	V1648	ERR 1156	36,5x8x116,5	45	3	VV438 VV438N	ETC 8003	8x14,07x49 +0,2	G F
Range Rover 2.4 TD Eng. VM81A-Turbo 2393ccm	96→	92 4		IN	V1167	AEU 2296 L	40,2x8x121	55	1	VV411 VV411.1 VV411.2	20380025A	8x14,06x55 +0,03 +0,18	G A
				EX	V1168	RTC 4116	34x8x121	45	1	VV411 VV411.1 VV411.2	20380025A	8x14,06x55 +0,03 +0,18	G A
										VV521 VV521.1 VV521.2		8x14,06x55 +0,03 +0,18	G F
Range Rover Sport Discovery III 3600ccm NEW	02→		V8	IN	V1725	1311281	27,7x6x97,1	45	3	VV584 VV584N		6x10,72x39,3 +0,05	G A
				EX	V1726	1316137 1520918	25,2x6x96,4	45	3	VV584 VV584N		6x10,72x39,3 +0,05	G A

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
LEXUS													
IS 200 114KW Eng. 1GFE 1998ccm	99→	6		IN	V1905	13711-70060	29,5x5x91,7	45	1				
				EX	V1906	13715-70080	25x5x91,8	45	1				
RX 300 VVT Eng. 1MZFE 2995ccm NEW	00→	6		IN	V2145	13711-20020	34x5,5x95,3	45	1				
				EX	V2146	13715-20020	27,3x5,5x95,3	45	1				
GS 300 VVT Eng. 2JZGE 2997ccm 161kw(220PS) NEW		6		IN	V2327	13711-46021 13711-46022	33,5x6x98,6	45	1				
				EX	V2328	13715-46020	29x6x99,1	45	1				
RX 300/330/350 3456ccm NEW	06→	V6		IN	V2331	13711-31100	38x5,5x105,9	45	1				
				EX	V2332	13715-31120	32x5,5x110,4	45	1				
SC 430 GS 430 VVT LS 430 VVT Eng. 3UZFE 4293ccm 208kw(274PS) NEW	99→	8		IN	V2329	13711-50060	34,5x5,5x95,1	45	1				
	00→			EX	V2330	13715-50060	29x5,5x95,1	45	1				
LEXUS DIESEL													
IS 200D 16V Eng. 2AD FHV-FTV 2230ccm	07→	86 4		IN	V1661	13711-0R010	30,1x6x104,3	45	1	VV374	111-22-30020	6x11,09x40,6	G P
				EX	V1662	13715-0R010	27x6x104,1	45	1	VV374	111-22-30020	6x11,09x40,6	G P
LEYLAND													
Eng. 0401, 0402-NA 6540ccm	66→	107,2 6		IN	V377	10618846 PLA2584	45,7x8,7x145,9	60	1				
	73→			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				

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

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

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

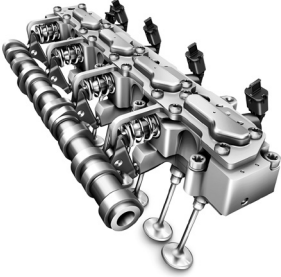
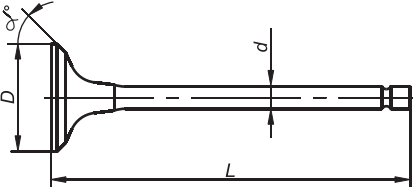
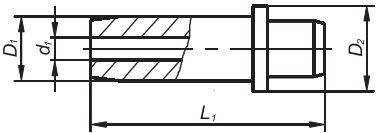
1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
MACK											
END 673/ENDT673 END 711/ENDT675 11100ccm	6	IN	V1203	690GC2187B	57x12,6x174,5	60	5				
		EX	V1204	688GC2352A	48x12,6x174,5	60	5				
E7 – ETECH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

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

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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
MAN – RABA											
ENG. 2066 04→ Euro 3 L01/02/03/04/06/07 LOH10/11/12 LUH08/09 10520ccm 228/316kw(310/430PS)	120 6	IN	V1543	51.04101.0574	40x9x160,4	60	3	VV302	51.03201.0115 51.03201.0126	9x15,04x66,5	G F
		EX	V1544	51.04101.0546	38x9x160,4	45	3	VV302	51.03201.0115 51.03201.0126	9x15,04x66,5	G F
ENG. D2066 04→ 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)	120 6	IN	V1543	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
		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. D2066 04→ Euro 5 LF21/25/26/27/28/40/41/42/43 10520ccm 235/324kw(320/440PS)	121 6	IN	V420	10 04101 0008 3 04101 0803	50x11x166,5	60	1	VV140	51 03201 0017	11x18,04x71	G F
		EX	V421	10 04101 0009 3 04101 0804	48,5x11x166,5	45	1	VV140	51 03201 0017	11x18,04x71	G F
ENG. D10 RABA 01→ Eng. D10UT 150 Turbo Euro 2 10351ccm 133/235kw(181/320PS)	121 6	IN	V1299 V1299N3	10 04101 0004	50x11x166 +1,0S	60	1	VV140	51 03201 0017	11x18,04x71	G F
		EX	V1300 V1300N3	10 04101 0005	48,5x11x166 +1,0S	45	1	VV140	51 03201 0017	11x18,04x71	G F
ENG. D 2146 M/HM 63-72 9659ccm 127/156kw(172/212PS)	121 6	IN	V303	51 04101 0305 1 04101 0305	55,9x12x148,9	45	1	VV19	51 03201 0047 1 03201 3019	12x20,06x78	G F
		EX	V304	51 04101 0373 1 04101 0273	48,9x12x148,5	45	1	VV20	51 03201 0075 1 03201 3020	12x20,06x69	G F

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART №
MAN – RABA													
ENG. D 2146 MT-Turbo 9659ccm 155/170kw(210/230PS)	60-65 6	121 IN	V339	51 04101 0379 1 04101 0304	55,9x12x148,9	60	1	VV19	51 03201 0047 1 03201 3019	12x20,06x78	G F		
ENG. D 2156 MT-Turbo 10334ccm 188kw(256PS)	68-71	EX	V304	51 04101 0373 1 04101 0273	48,9x12x148,5	45	1	VV20	51 03201 0075 1 03201 3020	12x20,06x69	G F		
ENG. D 2356 HM 10/12/13/16/19/22/30.230 SG 192, SU 230 11U192, 12U192 10690ccm 170kw(230PS)	68-74 6	IN	V690	51 04101 0349	56,9x12x148,9	45	1	VV19	51 03201 0047 1 03201 3019	12x20,06x78	G F		
		IN	V405	51 04101 0329	58x12x148,9	45	1						
		EX	V406	51 04101 0364 1 04101 0303	51,9x12x148,5	45	1	VV20	51 03201 0075 1 03201 3020	12x20,06x69	G F		
ENG. D 2530 ME/MF/MX DF-4525, DF-5175, DFK-3875 15950ccm 156/235kw(212/320PS)	80-81 V-10	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 2538 M/ME/MF 12756ccm 160/188kw(218/256PS)	80-81	125	IN	V461	51 04101 0405	57x12x142,5	45	1	VV23	51 03201 0088	12x18,04x64	G	
ENG. D 2538 MFR/MR 12756ccm 160/188kw(218/256PS)	80-81	V-8								VV23N		+0,05	F
										VV23.1	51 03201 1035	+0,20	
									VV23.2	51 03201 1037	+0,40		
ENG. D 2555 M/MF/MX 9199ccm 123/141kw(168/192PS)	80-81	125	EX	V456	51 04101 0367 51 04101 0447 51 04101 0479	51x12x142,5	45	1	VV23	51 03201 0088	12x18,04x64	G	
ENG. D 2556 M/MF/MX SD/SL 200, SU 240 11045ccm 144/177kw(200/240PS)	80-81	125								VV23N		+0,05	F
										VV23.1	51 03201 1035	+0,20	
									VV23.2	51 03201 1037	+0,40		
ENG. D 2565 HM/M/ME 9510ccm 92/141kw(125/192PS)	80-81	125											
ENG. D 2565 MF/MH/MR 9510ccm 92/141kw(125/192PS)	80-81	5											
ENG. D 2565 MUH Bus 9510ccm 141kw(192PS)	80-81												
ENG. D 2566 HM/M/ME Eng.D 2566 MH/MR/MX 11407ccm 125/177kw(170/240PS)	80-81 80-81	125 6											

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
MAN – RABA													
ENG. D 2566 MU 80-81 200, 220, 400 11413ccm 144/177kw(200/240PS)	125	IN	6	V691 51 04101 0332	58x12x142,5	45	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F		
	125	EX		V456 51 04101 0367 51 04101 0447 51 04101 0479 V456N1 V456N3	51x12x142,5	45	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F		
				ENG. D 2565 MT/MK-Turbo 76→ 9510ccm 169kw(230PS)	V455 51 04101 0348 51 04101 0375 51 04101 0478	58x12x142,5	60	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F	
ENG. D 2566 MK/ML/MT 76→ ENG. D 2566-Turbo Bus 297/298 15900ccm 223/294kw(303/400PS)	125	EX	6	V455N1 V455N3 V456 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. D 2530 MT-Turbo 76-81 Industrial/Marine Engines 15900ccm 223/294kw(303/400PS)	125	V-10		V456N1 V456N3	+0,5S +1,0S			VV23.1 VV23.2	51 03201 1035 51 03201 1037	+0,20 +0,40			
ENG. D 2538 MT-Turbo 76-81 12760ccm 178/235kw(242/320PS)	125	V-8											
ENG. D 2542 MTE-Turbo 76-81 Industrial/Marine Engines 20190ccm 383kw(520PS)	125	V-12											
ENG. D 2840 F-Turbo 87→ 18270ccm 338/382kw(460/520PS)	128	V-10											
ENG. D 2840 LF-Turbo 90→ 18720ccm 368kw(500PS)													

			CYL.	IN	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
			Ø	EX									
1	2	3	4	5	6	7	8	9	10	11	12		

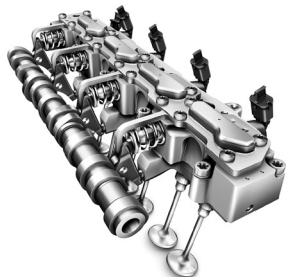
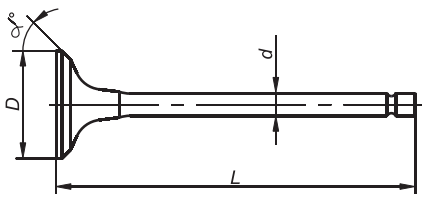
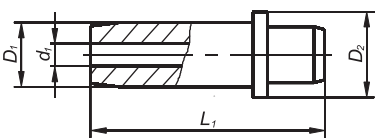
MAN – RABA

ENG. D 2842 LF-Turbo LFX-Turbo 21930ccm 530/735kw(720/1000PS)	90→	128	IN	V455 V455N1 V455N3	51 04101 0348 51 04101 0375 51 04101 0478	58x12x142,5	60	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F
ENG. D 2865 LOH,LUX LF-Turbo 9973ccm 198/235kw(270/320PS)	89→	128	EX	V456 V456N1 V456N3	51 04101 0367 51 04101 0479 51 04101 0447	51x12x142,5	45	1	VV23 VV23N VV23.1 VV23.2	51 03201 0088 51 03201 1035 51 03201 1037	12x18,04x64 +0,05 +0,20 +0,40	G F
ENG. D2676 Euro 4 LF01/LF02/LF03/LF04/LF05 LOH01/LOH02/LOH03/LOH04 12419ccm 338-353kw(460-480PS)	95→	126	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	IN	V455 V455N1 V455N3	51 04101 0348 51 04101 0375 51 04101 0478	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						

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	IN	V455	51 04101 0348 51 04101 0375 51 04101 0478	58x12x142,5	60	1	VV331	51 03201 0108	12x18,04x59,5	G F
ENG. D 2876 LF,LOH 94→ Turbo Euro2 F2000 12810ccm 331kw(450PS)		EX	V455N1 V455N3 V456		+0,5S +1,0S 51 04101 0367 51 04101 0479 51 04101 0447						
ENG. E2842 LE312 21930ccm 360-400kw(489-544PS)	128	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
ENG. E2866 DF/E 11967ccm 114-344kw(155-468PS)	6							VV331	51 03201 0108	12x18,04x59,5	G F
ENG. E2866 Euro 2 DF 94→ 11967ccm 170kw(231PS)		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
ENG. E2866 Euro 2 DOH01 11967ccm 177kw(241PS)								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										

1	2	3	4	5	6	7	8	9	10	11	12
MAN – RABA											
ENG. G2866 Euro 2 02→ DUH01/DUH02/DUH05 11967ccm 151–177kw(205–240PS) ENG. G2876 KAT DUH01/DUH02 12816ccm 200kw(272PS)	128 6	IN	V2083	51.04101.0438	58x12x142,5	60	1	VV23	51 03201 0088	12x18,04x64	G
		EX	V2084	51.04101.0439	51x12x142,5	60	1	VV23N		+0,05	F
ENG. D 2842 94→ LE201/LE202/LE203 21930ccm 446–682kw(606–928PS)	128 12	IN	V455	51 04101 0348 51 04101 0375 51 04101 0478	58x12x142,5	60	1	VV23	51 03201 0087 51 03201 0088 51 03201 1034	12x18,04x64	G F
		IN	V455N1 V455N3		+0,5S +1,0S			VV23N VV23.1		+0,05 +0,20	
		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	51 03201 0087 51 03201 0088 51 03201 1034	12x18,04x64	G F
		EX	V456	51 04101 0367 51 04101 0479 51 04101 0447	51x12x142,5	45	1	VV23.2	51 03201 1037	+0,40	
			V456N1 V456N3		+0,5S +1,0S			VV23N VV23.1		+0,05 +0,20	

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

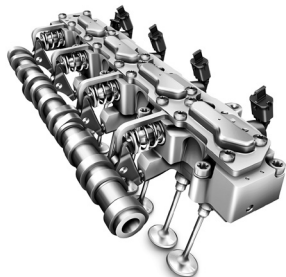
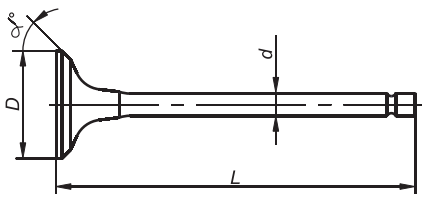
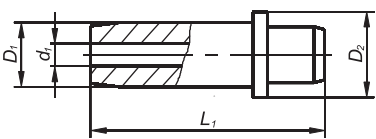
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

MAN – RABA

ENG. D2876 Euro 3 LF03/LF04/LF05/LF09/LF10 LF14/LF17/LF20/LF21/LF22 LF24/LFG01/LOH03 12816ccm 320–390kw(435–530PS)	99→	128	IN	V1235	51 04101 0482	46x9x153,6	60	1	VV302	51 04101 0115	9x15,04x66,5	G
		6		V1235N3		+1,0S				51 04101 0126		F
ENG. D2876 Euro 3 LOH02/LOH04/LOH05 12816ccm 301–338kw(409–460PS)	98→		IN	V1423	51 04101 0547	46x9x153,6	60	3	VV302	51 04101 1079	9x15,04x66,5	G
				V1423N3		+1,0S				51 04101 1090		F
ENG. D2876 Euro 3 LOH02/LOH04/LOH05 12816ccm 301–338kw(409–460PS)	98→		EX	V1236	51 04101 0483	46x9x153,6	45	1	VV302	51 04101 0115	9x15,04x66,5	G
				V1236N3		+1,0S				51 04101 0126		F
ENG. D2876 Euro 3 LOH20/LOH21 12816ccm 301–412kw(410–560PS)	00→		EX	V1424	51 04101 0548	46x9x153,6	45	3	VV302	51 04101 1079	9x15,04x66,5	G
				V1424N3		+1,0S				51 04101 1090		F
ENG. D2840 Euro 3 LF25 18273ccm 485–515kw(660–700PS)	03→	128	IN	V1537	51.04101.0523	44x9x153,6	60	3	VV302	51 04101 0115	9x15,04x66,5	G
		10								51 04101 0126		F
ENG. D2876 Euro 3 LE402/LF12/LF13/LF25 LOH20/LOH21 12816ccm 301–412kw(410–560PS)	00→	6	EX	V1538	51.04101.0524	41x9x153,6	45	3	VV302	51 04101 0115	9x15,04x66,5	G
										51 04101 0126		F

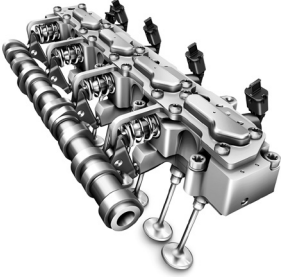
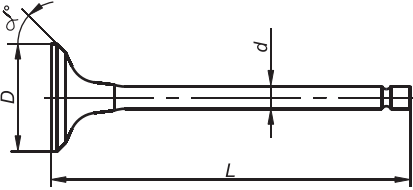
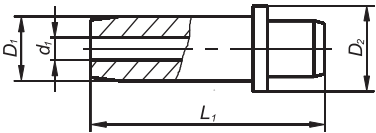
MASSEY – FERGUSON

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	
						+0,02				VV03N4	A6	
ENG. 4.107 1753ccm 18/40kw(25/55PS)	79,4 4		EX	V71	31431861 0910061	30,3x8x117	45	1	VV03	33261723	8x12,73x62	G
						+0,05		VV03N4			A6	
					+0,1			VV03N				
					+0,15			VV03N7				
					+0,20			VV03N1				
					-0,03 d ₁			VV03N6				

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

MASSEY – FERGUSON

ENG. P6.288 4730ccm	57-72 61kw(83PS)	88,9 6	IN	V07	31431261 731151 M1	39x8x114,3	45	1	VV03	33261723	8x12,73x62	G
				V07N		+0,3S	VV03N4		+0,02	A6		
				V07N1		+0,5S	VV03.1		+0,05			
				V07N2		+1,2D	VV03N		+0,1			
				V07N3		+0,8S	VV03N7		+0,15			
				V07N4		+1,0S	VV03N1		+0,20			
				V07N5		+2,0S	VV03N6		-0,03d ₁			
			EX	V08	31431951 731152 M1 0910002	33,4x8x114,4	45	1	VV03	33261723	8x12,73x62	G
				V08N		+0,3S	VV03N4		+0,02	A6		
				V08N1		+0,5S	VV03.1		+0,05			
				V08N2		+1,2D	VV03N		+0,1			
				V08N3		+0,8S	VV03N7		+0,15			
				V08N4		+1,0S	VV03N1		+0,20			
				V08N5		+2,0S	VV03N6		-0,03d ₁			
ENG. AD 3.152 2490ccm	69→ 28/42kw(33/57PS)	91,48 3	IN	V675	31431281 732811 M1	39x8x114,3	45	1	VV03	33261723	8x12,73x62	G
				V675N1		+0,5S	VV03N4		+0,02	A6		
				V675N2		+0,8S	VV03.1		+0,05			
				V675N3		+1,0S	VV03N		+0,1			
							VV03N7		+0,15			
							VV03N1		+0,20			
							VV03N6		-0,03d ₁			
			EX	V676	31431591 737640 M1 31431271 31431941	33,4x8x114,3	45	1	VV03	33261723	8x12,73x62	G
				V676N1		+0,5S	VV03N4		+0,02	A6		
				V676N2		+0,8S	VV03.1		+0,05			
				V676N3		+1,0S	VV03N		+0,1			
							VV03N7		+0,15			
							VV03N1		+0,20			
							VV03N6		-0,03d ₁			

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART 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	44,3x9,5x122,9 +0,3S +0,5S +0,8S +1,2S +0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d	45	1	VV01 VV01N VV01N2	33261732	9,5x15,9x58 +0,05 +0,40	G F
ENG. D 4.212 3475ccm 69-76 44kw(60PS)			V199N2 V199N3 V199N5 V199N6 V199N7 V199N9								
ENG. 4.236 3864ccm 65→ 48/60kw(59/80PS)			V199N6 V199N7 V199N9								
ENG. 4.212 3475ccm 69→ 44/47kw(60/64PS)		IN	V343	31431311 31431871 733819 M1 31431103 31431641	44,3x9,5x122,9	45	1	VV01 VV01N VV01N2	3343F041	9,5x15,9x58 +0,05 +0,40	G F
ENG. 4248 4064ccm 69→ 53/66kw(72/90PS)	101,054 4										
ENG. 6354 5794ccm 64→ 69/82kw(91/112PS)	98,48 6		V343.1 V343.2 V343N V343N1 V343N2 V343N3 V343N5 V343N6 V343N7 V343N9		+0,075d +0,4d +0,3S +0,5S +0,8S +1,2S +0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d						
ENG. 6.372.4 6100ccm 69→ 82/87kw(112/118PS)	101,054 6										
		IN	V1941	3142H002	44,2x9,5x122,8	60	1	VV01 VV01N VV01N2	33261732 3343F041	9,5x15,9x58 +0,05 +0,40	G F
		EX	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

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	EX	V344	31431881 31431109 31431791	36,6x9,5x123,3	45	1	VV02 VV02N VV02N2	3343J021	9,5x15,9x61 +0,05 +0,40	G F6
ENG. D 4.212 3475ccm 69-76 44kw(60PS)				31431851 733818 M1 31431891 3142A052							
ENG. 4.236 3864ccm 65→ 48/60kw(59/80PS)			V344.1 V344.2		0,075d +0,4d						
ENG. 4.212 3475ccm 69→ 44/47kw(60/64PS)			V344N V344N1 V344N2		+0,3S +0,5S +0,8S						
ENG. 4248 4064ccm 69→ 53/66kw(72/90PS)	101,054		V344N3 V344N5 V344N6		+1,2S +0,5S/+0,2d +0,5d						
ENG. 6354 5794ccm 64→ 69/82kw(91/112PS)	98,48		V344N7 V344N9		+0,2d +1,2S/+0,5d						
ENG. 6.372.4 6100ccm 69→ 82/87kw(112/118PS)	101,054										
ENG. 1004-4T 3990ccm 99-03 70kw(95PS)	100	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	IN	V1867	3142H071	46,3x9x129,2	60	1				
ENG. 1103CT-33 Euro 2 3300ccm 47/55kw(64/75PS)	3	EX	V1868	3142A151	41,6x9x129,2	60	1				

1	2	3	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
MAZDA													
Festival 121 1.3 Familia 323 1.3 Eng. B3 1323 ccm 40/44kw(54/60PS)	87→ 89→	71 4	IN EX	V1153 V1154	B 308-12111 B 313-12121	33x7x105,4 28x7x104,2	45 45	1 1					
121 1.3 16V Eng. B3 1323 ccm		71 4	IN	V1907	B3C7-12111A	25,5x6x108,3	45	1	VV321 VV321N	B6Z0-10-280	6x11,05x48,6 +0,05	G P1	
323 1.3 16V Eng. TC 1272 ccm		73 4	EX	V1908	B3D2-12121A B3C7-12121A	21,5x6x109,4	45	1	VV322 VV322N	B6Z0-10-290	6x11,05x48,6 +0,05	G P16	
Mazda 2 1.2 16V Eng. C2, FUJA 1242 ccm	04→	71,9 4	IN	V1411	C201-12111	26x6x99,7	45	3	VV274 VV274.1		6x11,05x39 +0,05	G A	
			EX	V1412	C201-12121	22x6x101,8	45	3	VV274 VV274.1		6x11,05x39 +0,05	G A	
Mazda 121 1.3 16V Eng. DHA 1242 ccm 55kw(75PS)	97→	71,9 4	IN	V915	1E05-12111	26x6x97,7	45	1	VV274 VV274.1		6x11,05x39 +0,05	G A	
			EX	V916	1E05-12121	22x6x99,7	45	1	VV274 VV274.1		6x11,05x39 +0,05	G A	
121 1.3i 16V Eng. DHA 1242 ccm 55kw(75PS)	96-02	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	
121 1.3i Eng. JJB-J4D 1299 ccm 37/44kw(50/60PS)	96→	74 4	IN	V739 V739.1 V739N1	1E03-12111	34,5x7x104 +0,20d +0,35d	45	3					
			EX	V740 V740.1 V740N1	1E03-12121	29x7x104,4 +0,20d +0,35d	45	3					
Mazda 3 1.4i 16V Eng. ZJ 1349 ccm 62kw(84PS)	04→	74 4	IN	V1755	ZJ01-12111A	27,7x5,5x98,3	45	1	VV396	LFY-10-281	5,5x11,06x39	G A	
			EX	V1756	ZJ01-12121	24x5,5x98,8	45	1	VV396	LFY-10-281	5,5x11,06x39	G A	

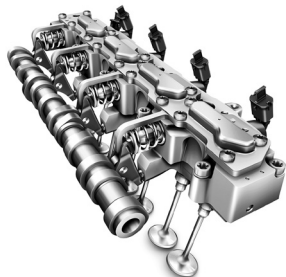
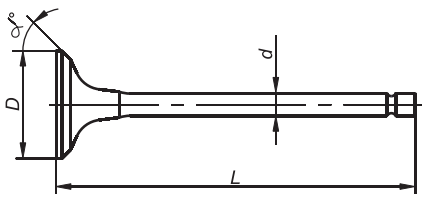
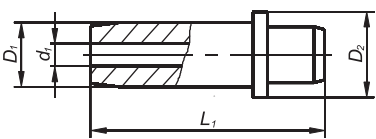
1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
MAZDA												
Mazda 2 1.4i 16V Eng. FXJA – FYJA 1388 ccm 74kw(101PS)	03→	76 4	IN	V1288	C601-12111A	28x6x99,5	45	3	VV178 VV178.1		6x12,03x36 + 0,05	G A
			EX	V1026	C401-12121	24,1x6x101,5	45	3	VV178 VV178.1		6x12,03x36 + 0,05	G A
Mazda 2 1.6i 16V Eng. HWDA – HWDB 1596 ccm	03→	79 4	IN									
			EX									
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
			EX	V716	B 366-12121	21,5x6x105	45	1	VV322	B6Z0-10-290	6x11,05x48,6	G P16
Demio 1.5 16V 1597 ccm 55kw(75PS)	98→	78 4	IN									
			EX									
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
			EX	V1760	ZL02-12121	25,9x6x90,6	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	IN									
			EX									
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→	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	88→	78 4	IN									
			EX									
323 1.6 16V Turbo Familia 1.6 16V Turbo Eng. B6 DOHC 16V Turbo 1597 ccm 54-85kw(73-116PS)	84→	78 4	IN									
			EX									

1	2	3	4	5	6	7	8	9	10	11	12
MAZDA											
MX3 1.6i 16V MX5 1.6i 16V 1597 ccm	96→ 98→ 65/85kw(88/115PS)	78 4	IN EX	V1143 V1144	B 657-12111 B 660-12121	31x6x105,4 26,2x6x105,4	45 1 45 1				
Mazda 2 1.6 16V Mazda 3 1.6i 16V Eng. FUJA 1596 ccm	04→ 03→ 74kw(101PS)	79 4	IN EX	V1025 V1026	C601-12111 C401-12121	30x6x99 24,1x6x101,5	45 3 45 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. FUJA 1596 ccm	03→ 03→ 74/76kw(101/103PS)	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 3 45 3 45 3 45 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	94→ 98→ 102/107kw(139/146PS)	83 4	IN EX	V1637 V1638	BP05-12111 BP4W-12111 BP05-12121A BP4W-12121	32,9x6x101,7 28x6x102	45 1 45 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	05→ 02→ 85kw(115PS)	83 4	IN EX	V1363 V1364	L801-12111 1324691 L801-12121C 1324690	32,5x5,5x103,4 28x5,5x104,6	45 1 45 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 1 45 1				

1	2	3	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
														4
MAZDA														
323 1.8i 16V	98→	4		IN	V1749	FS01-12111C	31,5x6x89,8	45	1	VV439	LFY1-10-280	6x11,06x38	G	
626 1.8i 16V	97→			EX		FS01-12111B							P16	
MX6 1.8i 16V	93→													
Premacy 1.8i 16V	99→													
Eng. FP/FP-9A 1840 ccm	66/77/84kw													
626 2.0i 16V	92→	6		IN	V1750	FS01-12121B	27,6x6x90,1	45	1	VV439	LFY1-10-280	6x11,06x38	G	
MX6 2.0i 16V	92→			EX		FS01-12121A							P16	
MPV 2.0i 16V	99→													
Premacy 2.0i 16V	04→													
Eng. FS/FS-DS 1991 ccm	85/90kw(115/122PS)													
MX3 1.8i 24V	92→	V6		IN	V1761	KF01-12111A	28,5x6x94,2	45	1	VV439	FSY-10-280	6x11,06x38	G	
Xedos 6 1.8i 24V				EX		V1762	KF01-12121	23x6x95,2	45	1	VV439	FSY-10-280	6x11,06x38	G
Eng. K819 1845 ccm	98kw(133PS)													P16
Xedos 6 2.0i 24V	94→													
Xedos 9 2.0i 24V	94→													
Eng. KF/KF1 1995 ccm	105kw(143PS)													
Tribute 2.0 16V	03→	4		IN	V1909	YF09-12111	32x6x97,1	45	1					
1998ccm				EX		V1886	YF09-12121	28x6x96,6	45	1				
Capella 626 2.0	82→	86		IN	V1017	F 201-12111	32,5x7x115,8	45	1					
Luce 929 2.0	82→			EX		V1018	F 201-12121 B	34x7x116,2	45	1				
Eng. FE/EF1 DOHC 1998ccm	75kw(102PS)													
626. 2200 12V	88→			IN										
929. 2200 12V				EX										
MX-6 2200 12V														
Eng. F2/F2 Turbo 2184ccm	85kw(115PS)													
CX-7 2.3 16V T DISI	07→	87	4	IN	V1911	L3K9-12111	35x6x103,5	45	1					
Eng. MZR TURBO 16V 2261ccm				EX		V1912	L3K9-12121C	30x6x104,7	45	1				

1	2	3	CYL. Ø N _o	IN	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	9	10	11	12
MAZDA													
				IN	V1869		33,7x6x103,2	45	1				
				EX	V1870		29x6x104	45	1				
Mazda 3 2.0i 16V	03→	87,5		IN	V1495	LF01-12111	35x5,5x103,4	45	1	VV396	LFY1-10-281	5,5x11,06x39	G A
Mazda 5 2.0i 16V	05→	4											
Mazda 6 2.0i 16V	03→			EX	V1496	LF01-12121 LF02-12121	30x5,5x104,6	45	1	VV396	LFY1-10-281	5,5x11,06x39	G A
Eng. LFF7 1999 ccm			118kw(160PS)										
Mazda 6 2.3 16V	03→												
MPV 2.3 16V	03→												
Eng. L3 2261 ccm			104/122kw(141/166PS)										
Tribute 3.0	03→			IN	V1913	AJ03-12111	34,9x6x114,5	45	3				
2967ccm				EX	V1914	AJ03-12121	29,9x6x115,4	45	3				
			V6										
MAZDA DIESEL													
Mazda 2 1.4CDTi	03→	73,7		IN	V1205	Y401-12111 SU001-00551	32,8x5,5x97,3	45	3	VV399 VV399N		5,5x9,56x34 + 0,05	G A
Eng. F6JA, F6JB 1399 ccm			50kw(68PS)	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→	75		IN	V1493	Y601-12111	25,6x5,5x96,4	45	3	VV399 VV399N		5,5x9,56x34 + 0,05	G A
ENG.DV6 TED4 - Y601 1560 ccm			80kw(109PS)	EX	V1494	Y601-12121	23,4x5,5x96,6	45	3	VV399 VV399N		5,5x9,56x34 + 0,05	G A
323 1.7 TD	94→	79		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
Eng. 4EE1-T 1686ccm			60/65kw(82/88PS)	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

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
MAZDA DIESEL												
121 1.8 D Eng. RTF, RTE 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	12→	83,5 4	IN	V2089	SH01-12-111	29,7x5,5x103	45	1				
	13→		4									
	14→		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→	86 4	IN	V1513	RF2A-12111	29,7x6x115,3	45	1	VV360	RFY-10-291	6x11,04x45	G P
	99→		4									
	98→											
	00→		EX	V1514	RF2A-12121	25,5x6x114,6	45	1	VV360	RFY-10-291	6x11,04x45	G P
	02→											
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→	86 4	IN	V1639	RF5C-12111	27,2x6x115,2	45	1	VV360	RFY-10-291	6x11,04x45	G P
	05→		4									
	02→											
			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→	86 4	IN	V1915	R2AA-12-111	27,3x6x91,8	45	1	VV360	RFY-10-291	6x11,04x45	G P
	09→		4									
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→	86 4	IN	V1023	RF01-12111	41x8x107	45	1	VV279	011-10-280	8x14,04x40,5	G A1
	83→		4									
	83→											
	83→		EX	V1024	RF01-12121	36x8x106,8	45	1	VV280	011-10-290	8x14,04x37,7	G A16

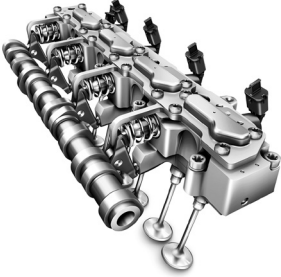
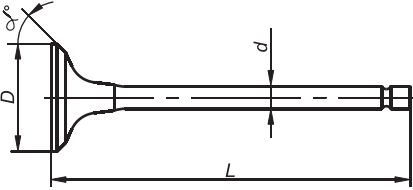
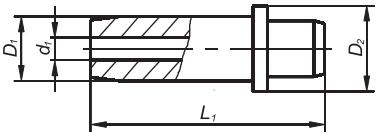
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

MAZDA DIESEL

323 2.0TD 94→ 626 2.0TD 94→ Primacy 2.0 TD Eng. RF Turbo 1998ccm 46/55kw(63/75PS)	86	IN	V1023	RF01-12111	41x8x107	45	1	VV279	011-10-280	8x14,04x40,5	G A1
B Series 2.2 D Pick up 84→ Bongo 2.2 D 83→ E Series 2.2 D Bus/Van 84→ Eng. R2 2184ccm 47/52kw(64/71PS)	4	EX	V1024	RF01-12121	36x8x106,8	45	1	VV280	011-10-290	8x14,04x37,7	G A16
BT 50 2.5 TD 4x4 06→ MPV 2.5 TD 99→ B2500 2.5 TDS 98→ Eng. WLT/WG 2499ccm 80/105kw(109/143PS)	93	IN	V1515	WL01-12111 WL51-12111	32,7x7x112	45	1	VV465	WLY1-10-280	7x12,06x46	G P1
BT-50 tdi 16V 06→ Eng. WL 2499ccm	4	EX	V1516	WL01-12121 WL51-12121A	35,6x7x111,8	45	1	VV465	WLY1-10-280	7x12,06x46	G P1
	93	IN	V2047	1449108 6M346507AA	31x6x112	45	1				
		EX	V2048	1449109 6M346505AA	28x6x112	45	1				

MERCEDES – BENZ

ENG. M 160 E6AL B03 599ccm 40kw(54PS)	63,5 3	IN	V1125	160 053 0001	30x6x89,3	45	1	VV562 VV562N		6x12,56x35 +0,05	G F
ENG. M 160 E6AL B04 559ccm 33kw(45PS)		EX	V1126	160 053 0027	25x6x89,3	45	1	VV562 VV562N		6x12,56x35 +0,05	G F
ENG. M 160 E6AL B05 599ccm 45kw(61PS)											

			CYL. Ø №	IN	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
			EX	4	5	6	7	8	9	10	11	12	

MERCEDES – BENZ

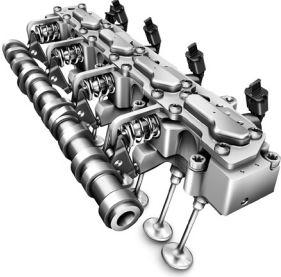
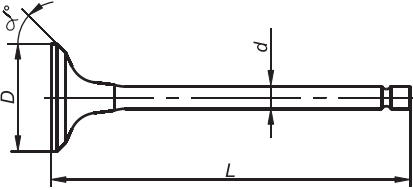
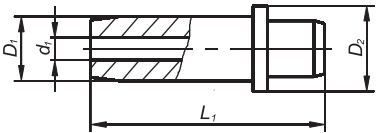
A180 1595ccm A200 A250 B200 B250 CLA180 CLA250 Eng. M270 BLUE EFFICIENCY 1911ccm NEW	12→ 13→ 	4 	IN EX	V2333 V2334	2700530001 2700500100	31,5x6x115,8 25x6x107,1	45 3 45 3	 	 	 	 	
A140/A140 Long 1.4i Eng. M166.940 1397ccm 59kw(80PS)	97→	80 4	IN	V1549	166 053 0101	40x6x103	45 1	VV345 VV345N VV345.1	606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20	G F	
A160/A160 Long 1.6i Vaneo 1.6i Eng. M166.960/961 1598ccm 75kw(102PS)	97→ 02→	 	EX	V1550	166 050 0327	34x7x102,7	45 1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F	
V280 2.8 12V Eng. M104. 900 2792ccm 128kw(174PS)	97-01	81 6	IN EX	V929 V930	021 109 601H 021 109 611D	39x7x106 34,2x7x107	45 3 45 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 4	IN EX	V1763 V1764	271 053 0001 271 050 0027 271 050 0427	30,5x7x105,4 27x7x109,2	45 1 45 1	VV481 VV481N VV481 VV481N	137 053 0230 137 053 0230	7x12,56x40 +0,05 7x12,56x40 +0,05	G F1 G F1	

1	2	3	CYL. Ø N _o	IN	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
MERCEDES – BENZ													
C180 1.8 16V Kompresor 07→ C200 1.8 16V Kompresor 07→ E200 1.8 16V Kompresor 03→ Eng. M271.950/952 1796ccm 115/135kw(156/184PS)	82	IN	V1765	271 053 0501	30,5x6x105,4	45	3	VV202		6x12,56x43,5	B		
A150 1.5 04→ B150 1.5 05→ Eng. MB266.920 1498ccm	83	IN	V1527	166 053 0201	43x6x103	45	1	VV345	606 053 1229	6x12,56x37,5	G		
A170 1.7 04→ B170 1.7 05→ Eng. MB266.940 1699ccm								VV345N	606 053 1329	+0,05	F		
A200 2.0 04→ B200 2.0 05→ Eng. MB266.960/980 2034ccm								VV345.1		+0,20			
C240 2.4 18V 97→00 E240 2.4 18V 97→00 Eng. M112. 910/911 2398ccm 120/125kw(163/170PS)	83,2	IN	V1425	113 053 0001	30x7x120,7	45	1	VV346		7x12,56x50	G		
C240 2.4 18V 00→ E240 2.4 18V 00→ Eng. M112.910–914 2398ccm 125/130kw(170/177PS)	83,2	IN	V1551	113 053 0101	36x7x119,4	45	1	VV346.1	113 053 0329	+0,20	F		
C240 2.4 18V 00→ E240 2.4 18V 00→ Eng. M112.910–914 2398ccm 125/130kw(170/177PS)	83,2	IN	V1551	113 053 0101	36x7x119,4	45	1	VV346N		+0,05	F		
C240 2.4 18V 00→ E240 2.4 18V 00→ Eng. M112.910–914 2398ccm 125/130kw(170/177PS)	83,2	IN	V1551	113 053 0101	36x7x119,4	45	1	VV346.2	113 053 0429	+0,60	G		
C240 2.4 18V 00→ E240 2.4 18V 00→ Eng. M112.910–914 2398ccm 125/130kw(170/177PS)	83,2	IN	V1551	113 053 0101	36x7x119,4	45	1	VV268	611 053 0329	7x12,56x37,5	G		
C240 2.4 18V 00→ E240 2.4 18V 00→ Eng. M112.910–914 2398ccm 125/130kw(170/177PS)	83,2	IN	V1551	113 053 0101	36x7x119,4	45	1	VV268.1	611 053 0429	+0,20	F		
C240 2.4 18V 00→ E240 2.4 18V 00→ Eng. M112.910–914 2398ccm 125/130kw(170/177PS)	83,2	IN	V1551	113 053 0101	36x7x119,4	45	1	VV268N		+0,05	F		

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

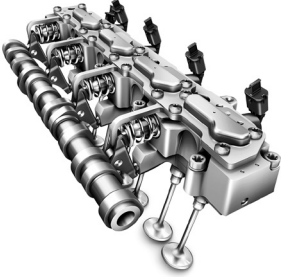
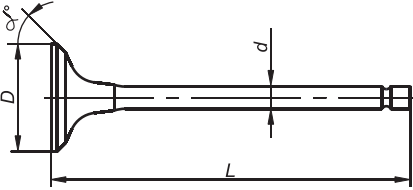
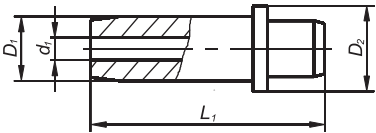
MERCEDES – BENZ

A150 1.5 B150 1.5 Eng. M266.920 1498ccm 70kw(95PS)	04→	83	IN	V1527 166 053 0201	43x6x103	45 1	VV345 VV345N VV345.1	606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20	G F
	05→	4	EX							
A170 1.7 B170 1.7 Eng. M266.940 1699ccm 85kw(115PS)	04→	83	IN	V1527 166 053 0201	43x6x103	45 1	VV345 VV345N VV345.1	606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20	G F
	05→	4	EX							
A200 2.0 B200 2.0 Eng. M266.960 2034ccm 100kw(136PS)	04→	83	IN	V1527 166 053 0201	43x6x103	45 1	VV345 VV345N VV345.1	606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20	G F
	05→	4	EX							
A190/A190 Long 1.9i Vaneo 1.9i Eng. M166.990/991 1898ccm 92kw(125PS)	99→	84	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
	02→	4	EX							
C180 1.8 16V Eng. M111.920/921 1799ccm 86/90kw(117/122PS)	93-01	85,3	IN	V1437 111 053 1201	33x7x101,5	45 1	VV185 VV185N VV185.1	606 053 0230 606 053 0330	7x12,56x37,5 +0,05 +0,20	G F
	98→	4	EX							
C 180 1.8 C 180T 1.8 Eng. M111 1799ccm 90kw(122PS)	93-00	85,3	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
	96-00	4	EX							

			CYL.	IN	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
			Ø	EX									
1	2	3	4	5	6	7	8	9	10	11	12		

MERCEDES – BENZ

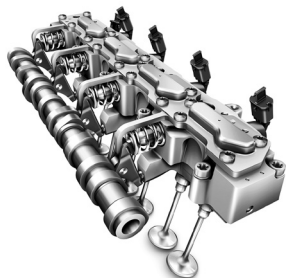
200 E, 200 CE 2.0 16V	95→	89,9	IN	V1229	111 053 1101	35x7x101,5	45	1	VV185	606 053 0230	7x12,56x37,5	G
200 TE, E 200 2.0 16V	95→	4							VV185N		+0,05	F
E 200/T, 2.0 16V	95→								VV185.1	606 053 0330	+0,20	
Eng. M111 E20												
1998ccm	100kw(136PS)		EX	V1230	111 050 1227	31x7x103,5	45	1	VV185	606 053 0230	7x12,56x37,5	G
									VV185N		+0,05	F
220 E, 220 TE, 220 CE2.2 16V	95→								VV185.1	606 053 0330	+0,20	
E 220, C 220 2.2 16V	95→											
Eng. M111 E22												
2199ccm	100kw(136PS)											
C200, C200T, SL200 2.0 16V	97→											
SLK200, CLK200 2.0 16V	97→											
Eng. M111 E20												
1998ccm	100kw(136PS)											
C200T 2.0 16V	97→											
Eng. M111 E20												
1998ccm	100kw(136PS)											
C240, E240 2.6 18V	99→	89,9	IN	V1551	113 053 0101	36x7x119,4	45	1	VV346		7x12,56x50	G
CLK240 2.6 18V	02→	V6							VV346N		+0,05	F
Eng. M112.912/914									VV346.1	113 053 0329	+0,20	
2597ccm	125/130kw(170/177PS)								VV346.2	113 053 0429	+0,60	
C280, E280 2.8 18V	97→		EX	V1552	113 050 0227	41x7x122,3	45	1	VV346		7x12,56x50	G
E280 4 Matic 2.8 18V	97→								VV346N		+0,05	F
S280, SL280 2.8 18V	95→								VV346.1	113 053 0329	+0,20	
Eng. M112									VV346.2	113 053 0429	+0,60	
2799ccm	145/150kw(197/204PS)											
C320 3.2 18V	00→											
E320, CLK320 3.2 18V	97→											
S/SL/SLK320 3.2 18V	98→											
C32 Kompresor AMG 3.2 18V	01-04											
Eng. M112.961												
3199ccm	158/170/260kw											
Viano 3.2 18V	03→											
Vito 3.2 18V	03→											
Eng. M112.951												
3199ccm	140/160kw(190/218PS)											

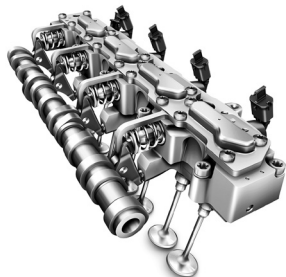
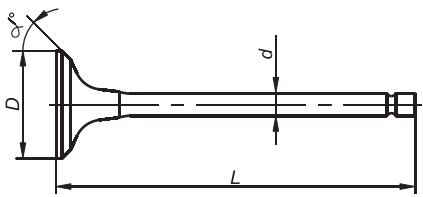
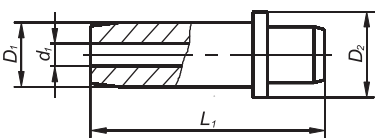
	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	

MERCEDES – BENZ

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→	89,9 8	IN	V1551	113 053 0101	36x7x119,4	45	1	VV346 VV346N VV346.1 VV346.2	113 053 0329 113 053 0429	7x12,56x50 +0,05 +0,20 +0,60	G F
	98→ 97-00		EX									
C230 2.4 Eng. M272. 921 2496ccm 150kw(204PS)	06→	86 V6	IN	V1767	272 053 0801	37x6x109,4	45	3				
			EX									
CLK280 3.0 C280 3.0 E280 3.0 R280 3.0 Eng. M272. 943/945/947 2996ccm 170kw(231PS)	07→ 07→ 07→ 07→											
190, 190E, 200 2.0 Eng. M102. 921 1997 ccm 63/66kw(86/90PS)	82→	89 4	IN	V989	102 053 0601	40x8x114,9	45	1	VV263 VV263N VV263.1	102 050 8924	8x14,05x46 +0,05 +0,20	B F1
			EX									
190E 1.8 Eng. M102 1797 ccm 77/80kw(105/109PS)	90→	89 4	IN	V991	102 053 1801	43x8x115	45	1	VV263 VV263N VV263.1	102 050 8924	8x14,05x46 +0,05 +0,20	B F1
			EX									
190E 2.0 190E/200 E/CE 2.0 Eng. M102 1997 ccm 90kw(122PS)	82→ 84→											
190 2.0 Eng. M102 1997 ccm 77kw(105PS)	84→											

1	2	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
MERCEDES – BENZ													
200, 200T/TE 84→ 200GE 4x4 2.0 84→ Eng. M102 1997 ccm 74/80kw(100/109PS)	89	IN	V991	102 053 1801	43x8x115	45	1	VV263	102 050 8924	8x14,05x46	B	F1	
230CE 2.3 Coupe 89→92 230GE 2.3 93→ 0309 2.3 →89 Eng. OM102 2299ccm 70→100kw(95/136PS)	89	IN	V991	102 053 1801	43x8x115	45	1	VV263	102 050 8924	8x14,05x46	B	F1	
600 SE, SEL 6.0 48V 91→ 600 SEC SL 6.0 48V 92→ Eng. M120 5987 ccm 300kw(408PS)	89	IN	V1099	104 053 1401	35x7x101,5	45	1	VV261	104 050 5224	7x13,53x35,5	B	F1	
SL60 AMG 6.0 32V 97→01 Eng. M120 5956ccm 280kw(381PS)	89,9							VV308.1	104 050 4824	+0,20			
300 SE, SEL 3.2 24V 91→ S320 3.2 24V 91→ Eng. M104 3199 ccm 170kw(231PS)	89,9	IN	V1099	104 053 1401	35x7x101,5	45	1	VV261	104 050 5224	7x13,53x35,5	B	F1	
C200 2.0 16V 93→ E200 2.0 16V 92→95 200E/CE/TE 2.0 16V 92→95 Eng. M111.941/942 1998ccm 100/110kw(136/150PS)	89,9	IN	V1547	111 053 0201	35x7x101,5	45	3	VV185	606 053 0230	7x12,56x37,5	G	F	
	4			111 053 0101				VV185N		+0,05			
								VV185.1	606 053 0330	+0,20			
		EX	V1548	111 050 0527	31x7x103,5	45	3	VV185	606 053 0230	7x12,56x37,5	G	F	
								VV185N		+0,05			
								VV185.1	606 053 0330	+0,20			

1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ											
 C220 2.2 16V 93→ E220 2.2 16V 92-95 220E/CE/TE 2.2 16V 92-95 Eng. M111.960/961 2199ccm 110kw(150PS)	89,9	IN	V1547	111 053 0201	35x7x101,5	45	3	VV185	606 053 0230	7x12,56x37,5	G
C280 2.8 24V 93→ S280, SL280 2.8 24V 92→ 280E/TE, E280 2.8 24V 92-95 Eng. M104.941/944/945 2799ccm 142/145kw(193/197PS)	89,9	IN	V1547	111 053 0201	35x7x101,5	45	3	VV185	606 053 0230	7x12,56x37,5	G
CL600 6.0 48V 92→ S600, SL600 6.0 48V 92→ Eng. M120.980/981/982 5987ccm 290kw(394PS)	89	IN	V1547	111 053 0201	35x7x101,5	45	3	VV185	606 053 0230	7x12,56x37,5	G
S320, SL320 3.2 24V 92→ 320E/CE/TE 3.2 24V 92-95 E320 3.2 24V 92-95 G320 4x4 3.2 24V 93→ Eng. M104.992/995/996 3199ccm 155/170kw(211/231PS)	89,9	IN	V1547	111 053 0201	35x7x101,5	45	3	VV185	606 053 0230	7x12,56x37,5	G
C280, 280E 2.8 24V 95→ 280TE, E280 2.8 24V 95→ Eng. M104 2799ccm 142kw(193PS)	89,9	IN	V1229	111 053 1101	35x7x101,5	45	1	VV185	606 053 0230	7x12,56x37,5	G
S280, 300SE 2.8 24V 98→ Eng. M104 SL280 2.8 24V 98→ 2799ccm 142kw(193PS)	89,9	IN	V1229	111 053 1101	35x7x101,5	45	1	VV185	606 053 0230	7x12,56x37,5	G
320E/CE/TE, E320 3.2 24V 95→ Eng. M104 3199ccm 162kw(220PS)	89,9	IN	V1229	111 053 1101	35x7x101,5	45	1	VV185	606 053 0230	7x12,56x37,5	G
S320 3.2 24V 98→ SL320 3.2 24V 95→ Eng. M104 3199ccm 170kw(231PS)	89,9	IN	V1229	111 053 1101	35x7x101,5	45	1	VV185	606 053 0230	7x12,56x37,5	G

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

MERCEDES – BENZ

G320 4x4 3.2 24V	95→	89,9	IN	V1229	111 053 1101	35x7x101,5	45	1	VV185	606 053 0230	7x12,56x37,5	G
Eng. M104		6							VV185N		+0,05	F
3199ccm 155/162/170kw(211/220/231PS)									VV185.1	606 053 0330	+0,20	
C200, C200T 2.0 16V Turbo	95→	89,9	EX	V1230	111 050 1227	31x7x103,5	45	1	VV185	606 053 0230	7x12,56x37,5	G
CLK/SLK200 2.0 16V Turbo	96→	4							VV185N		+0,05	F
E200, E200T 2.0 16V Turbo	00→								VV185.1	606 053 0330	+0,20	
Eng. OM 111 Turbo												
1998ccm 95-114kw(129-155PS)												
C230, C230T, 2.3 16V	95→	90,9										
M230, ML230, E230 2.3 16V	95→	4										
Eng. M111 E23												
2295ccm 110kw(150PS)												
E/C230, 230SLK 2.3 16V	98→											
230CLK Coupe 2.3 16V	95→											
E230 2.3 16V	95→											
Eng. M111												
2295ccm 110kw(150PS)												
C230T 2.3 16V Turbo	95→											
CLK/SLK230 2.3 16V Turbo	00→											
Eng. OM 111 Turbo												
2295ccm 142kw(193PS)												
C36 AMG 3.6 24V	95→	91										
Eng. M104		6										
3606ccm 206kw(280PS)												
Viano 200/230 2.0/2.3 16V	95→	91										
Vito 113B/114 2.0/2.3 16V	95→	4										
Sprinter 214B/314/414/ 2.3 16V	95→											
V200/230 2.0/2.3 16V	95→											
Eng. M111												
1998/2298ccm 110/120/145kw												

1	2	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
MERCEDES – BENZ													
190E 2.0 92→ 200, 200T Combi 2.0 80-85 Eng. M102 1996ccm 83/90kw(109/122PS)	95,5 4	IN	V993	102 053 1701	46x8x114,9	45	1	VV263 VV263N VV263.1	102 050 8924	8x14,05x46	B		
				EX	V992	102 050 0327	39x9x115,8			45	1	VV264 VV264N VV264.1	102 050 0562 102 050 0362
208, 210, 308, 310, 410, 510 2.3 82→ O 309B, 410, 510 2.3 82-83 L/LK 408, 409, 410 2.3 82-83 Eng. M102 2299 ccm 70/77kw(95/105PS)	95,5 4	IN	V1565	102 053 1401	38x7x111,7	45	1	VV405 VV405N VV405.1	102 050 4024	7x13,05x45,5	B		
				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
230E, CE, TE 2.3 80-83 230, CE, GE, TE 2.3 84→ 190E 2.3 86→ Eng. M102 2299ccm 97/100kw(132/136PS)	95,5 4	IN	V2009	273 053 0326	42x6x107,9	45	3						
				EX	V2010	273 050 0427	32x6x107,3					45	3
230GE 4x4 2.3 82→ 230GE 4x4 Cabriolet 2.3 89→ Eng. M102 2299ccm 79/92kw(108/125PS)	95,5 4	IN	V2001		39,5x6x108,8	45	1						
				EX	V2002		30x6x107					45	1

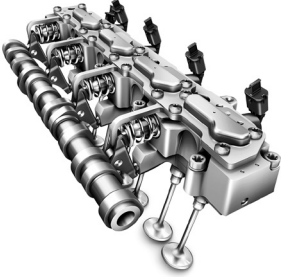
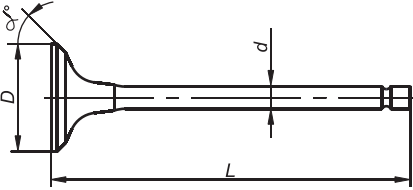
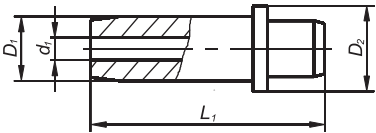
1	2	3	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
MERCEDES – BENZ													
C350 3.5 CLS350 3.5 E350 3.5 M350 3.5 R350 3.5 S350 3.5 SL350 3.5 SLK350 3.5 Eng. M272 3498ccm	02→ 05→ 03→ 06→ 07→ 06→ 02→ 05→		V6	IN EX	V1769 V1770	272 053 0501 272 050 0827	39,6x6x108,8 29,9x6x107,3	45	3				
E300 E350 E400 C300 C350 CLS300 CLS350 GLK350 SL350 R350 ML350 Eng. M276/M278 3498ccm NEW	10→ 14→		V6	IN EX	V2335 V2336	2780500126 2760500027	37x6x104,1 30x6x107,3	45	3				
ML350 Eng. 272967 3500ccm		94 6		IN EX	V2237 V2238		39,4x6x108,8 30x6x107,3	45	3				
S350, ML350 3,7 18V S370 3,7 18V Eng. M112.972/975/972 3724ccm	02→ 02→	97 6		IN EX	V1553 V1554	113 053 0201 113 050 0327	38x7x119,1 43x7x121,8	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F G
S500, SL500 5.0 24V G500, CL500 5.0 24V E500, ML500 5.0 24V CLK500 5.0 24V CLS500 5.0 24V Eng. M113.960/962/967 4966ccm	97→ 98→ 01→ 02→ 04→	97 8								VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
	172/180kw(234/245PS)					113 050 0327							
	215/225kw(292/306PS)												

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE										
														4	5	6	7	8	9	10	11	12	
MERCEDES – BENZ																							
E55 AMG 5.4 24V 97→ ML55 AMG 5.4 24V 99→ Eng. M113.980/981 AMG 5439ccm 158/170/260kw	97	IN	V1553	113 053 0201	38x7x119,1	45	1	VV268	611 053 0329	7x12,56x37,5	G												
														EX	V1554	113 050 0327	43x7x121,8	45	1	VV268	611 053 0329	7x12,56x37,5	G
														VV268.1	611 053 0429	+0,20	F						

MERCEDES – BENZ DIESEL

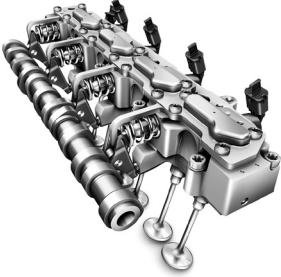
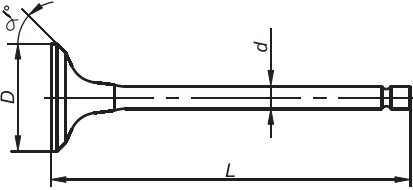
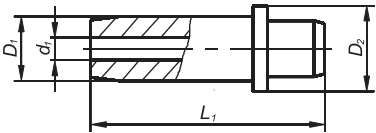
Classe A 12→ Eng. OM607DE/OM607951 1461ccm NEW	4	IN	V979	607 053 1200	33,4x6x101	45	3	VV319	611 053 0329	7x12,56x37,5	G		
VV319.1	611 053 0429	+0,05	F										
				VV319N	611 053 0429	+0,20	F						

1	2	3	4	5	6	7	8	9	10	11	12
MERCEDES – BENZ DIESEL											
C320 3.0 CDi 24V CLK320 3.0 CDi 24V CLS320 3.0 CDi 24V E320 3.0 CDi 24V M320 3.0 CDi 24V R320 3.0 CDi 24V Eng. OM642.910/960/961 Eng. OM642.940/822 2987ccm	02→ 02→ 04→ 02→ 05→ 05→	V6	IN	V1743	642 053 0401	28,5x6x102,3	45 3	VV398 VV398N		6x11,57x34,4 +0,03	G F
E280 3.0 CDi 24V Eng. OM642.920/921 S300 3.0 CDi 24V Eng. OM642.930 Vito 3.0 CDi 24V Viano 3.0 CDi 24V Eng. OM642 2987ccm	05→ 05→	83 V6	IN	V1743	642 053 0401	28,5x6x102,3	45 3	VV398 VV398N		6x11,57x34,4 +0,03	G F
ENG. OM651 911–913, 916, 924–925, 955–957 2143ccm	07→	83 4	IN	V1997	651 053 0101	28,5x6x108,8	45 3				
ENG. OM 615 200 D 2.0 1988ccm	67–79 41kw(55PS)	87 4	IN	V651 V651N3	615 053 0101 615 053 0001 +1,0S	38,8x10x131,5	60 17	VV117 VV117.1 VV117.2	616 053 0329 616 053 0429	10x14,03x60 +0,05 +0,20	G A1
220 D 2.2 2197 ccm	67–79 44kw(60PS)	87 4	EX	V652 V652N3	615 053 0705 615 053 0405 +1,0S	33,2x10x131	60 17	VV118 VV118.1 VV118.2	616 053 0330 616 053 0430	10x14,03x48,5 +0,05 +0,20	G A1
ENG. OM 616 Unimog U45 2450ccm	70–75 39/44kw(52/60PS)	92 4									
ENG. OM 615 200 D 2.0 220 D 2.2 1988ccm	79→ 79→	87 4	IN	V857 V857N3	615 053 0501 +1,0S	38,8x10x131,5	60 17	VV117 VV117.1 VV117.2	616 053 0329 616 053 0429	10x14,03x60 +0,05 +0,20	G A1
			EX	V652 V652N3	615 053 0705 615 053 0405 +1,0S	33,2x10x131	60 17	VV118 VV118.1 VV118.2	616 053 0330 616 053 0430	10x14,03x48,5 +0,05 +0,20	G A1

	CYL. Ø Nº	IN 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

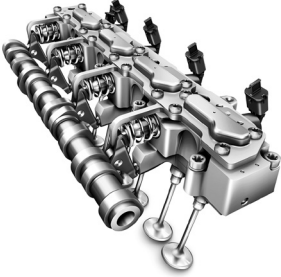
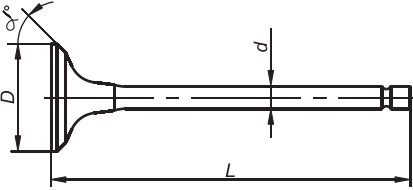
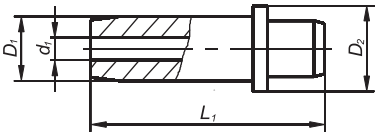
MERCEDES – BENZ DIESEL

ENG. OM 601			V653	601 053 1701	38x8x106,4	45	1	VV153	601 050 0624	8x14,03x39,5	G
190D 2.0	83→	87		601 053 1201				VV153N		+0,05	F1
200D 2.0	84→	4	V653N1		+0,5S			VV153.1	601 050 0724	+0,20	
ENG. OM 601.913			V653N2		+0,8S			VV153.2	601 050 0824	+0,40	
C200D, E200D 2.0	93→		V653N3		+1,0S						
1997ccm	53/55kw(72/75PS)		V653N4		+1,2S						
			V653N5		+1,0L						
ENG. OM 601											
Sprinter 208D, 308D, 408D		89	V912	601 050 2327	35x9x106,4	45	1	VV154	601 050 0924	9x14,03x37,5	G
508D 2.3D	90→	4		601 053 2127				VV154N		+0,05	F1
Vito 110D 2.3D	95→		V912N1		+0,5S			VV154.1	601 050 1024	+0,20	
V230 2.3TD	96→		V912N2		+0,8S			VV154.2	601 050 1124	+0,40	
2299ccm	58/72kw(79/98PS)		V912N3		+1,0S						
			V912N4		+1,2S						
			V912N5		+1,0L						
ENG. OM 602											
190D 2.5D	85→	87									
250D/TD 2.5D/TD	84→	4									
250GD 4x4 2.5D	85→										
2497ccm	66kw(90PS)										
250GD 4x4 Cabrio 2.5D	89→	87									
2497ccm	62/69kw(84/94PS)	5									
ENG. OM 602											
210D, 310D, 410D 2.9D	90→	89									
U90, U100 2.9D	92→	5									
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)										
ENG. OM 603											
300D D-4 Matic 3.0D	85→	87									
G300D, E300D 3.0D	93→	6									
300GD 4x4 Cabrio 3.0D	89→										
2996ccm	80/83kw(109/113PS)										

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

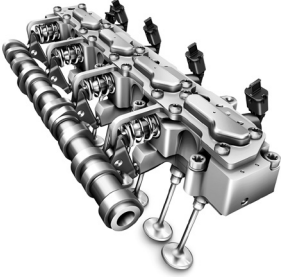
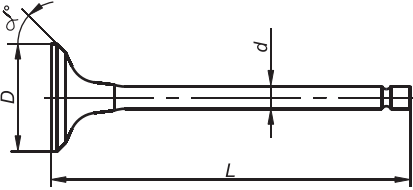
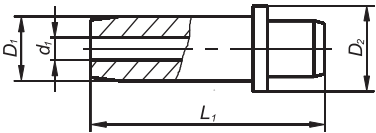
MERCEDES – BENZ DIESEL

ENG. OM 602A Turbo 190TD 2.5TD 88→ 87 250TD, 300TD 2.5TD 88→ 5 2497ccm 88/93kw(120/126PS)	IN	V653	601 053 1701	38x8x106,4	45	1	VV153	601 050 0624	8x14,03x39,5	G
				601 053 1201				VV153N	+0,05	F1
ENG. OM 603A Turbo 300TD D-4 Matic 3.0TD 88→ 87 2996ccm 105/108kw(143/148PS)	EX	V653N1		+0,5S			VV153.1	601 050 0724	+0,20	
			V653N2		+0,8S			VV153.2	601 050 0824	+0,40
350GD 4x4 3.5TD 12V 90→ 89 3449ccm 100/110kw(136/150PS)	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						
ENG. OM 604 C200 2.0D 16V 96-99 87 E200 2.0D 16V 97-99 4 1997ccm 65/83kw(88/113PS)	IN	V907	606 053 1101	29x6x105,4	45	1	VV218	606 053 1229	6x12,56x37,5	G
								VV218N	+0,05	F
	EX	V908	606 050 1127	26x7x105,7	45	1	VV185	606 053 0230	7x12,56x37,5	G
								VV185N	+0,05	F
ENG. OM 605 C250TD 2.5TD 20V 92-01 87 E250TD 2.5TD 20V 97-99 5 2497ccm 110kw(150PS)	IN	V907	606 053 1101	29x6x105,4	45	1	VV218	606 053 1229	6x12,56x37,5	G
								VV218N	+0,05	F
	EX	V908	606 050 1127	26x7x105,7	45	1	VV185	606 053 0230	7x12,56x37,5	G
								VV185N	+0,05	F
		V907	606 053 1101	29x6x105,4	45	1	VV218	606 053 1229	6x12,56x37,5	G
							VV218N	+0,05	F	
ENG. OM 605 E300D 3.0D 24V 95-97 87 E300TD 3.0TD 24V 97-99 6 S300TD 3.0TD 24V 96-98 S300TD 3.0TD 24V 96-00 2996ccm 100/130kw(136/177PS)	IN	V907	606 053 1101	29x6x105,4	45	1	VV218	606 053 1229	6x12,56x37,5	G
								VV218N	+0,05	F
	EX	V908	606 050 1127	26x7x105,7	45	1	VV185	606 053 0230	7x12,56x37,5	G
								VV185N	+0,05	F
		V907	606 053 1101	29x6x105,4	45	1	VV218	606 053 1229	6x12,56x37,5	G
							VV218N	+0,05	F	
OM 611.960/961/962 Turbo C200 2.2CDi 16V 98-03 88 C220 2.2CDi 16V 97-03 4 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)	IN	V1055	611 053 0101	30,1x7x104	45	1	VV268	611 053 0329	7x12,56x37,5	G
								VV268N	+0,05	F
	EX	V1056	611 053 0105	28,4x7x104,4	45	1	VV268.1	611 053 0429	+0,20	
								VV268	611 053 0329	7x12,56x37,5
							VV268N	+0,05	F	
							VV268.1	611 053 0429	+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

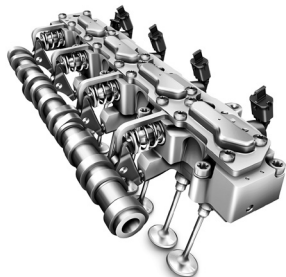
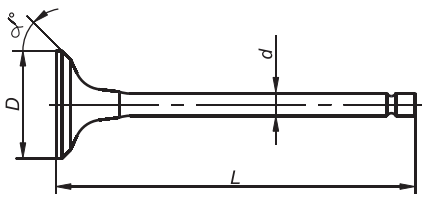
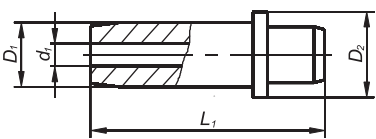
MERCEDES – BENZ DIESEL

OM 611.980/981/983/987 Turbo Sprinter 208,211,213 2.2CDi 16V 00→ 88 Sprinter 308,311,313 2.2CDi 16V 00→ 4 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	IN	V1055	611 053 0101	30,1x7x104	45	1	VV268	611 053 0329	7x12,56x37,5	G
		EX	V1056	611 053 0105	28,4x7x104,4	45	1	VV268N		+0,05	F
OM 612.961/962/963/965/967/981 Turbo C270 2.7CDi 10V 00-04 88 CLK270 2.7CDi 10V 02-05 5 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	IN	V1055	611 053 0101	30,1x7x104	45	1	VV268	611 053 0329	7x12,56x37,5	G
		EX	V1056	611 053 0105	28,4x7x104,4	45	1	VV268N		+0,05	F
OM 612.990 Turbo C30 AMG 3.0CDi 20V 02-04 6 2950ccm 170kw(231PS)	6	IN	V1055	611 053 0101	30,1x7x104	45	1	VV268	611 053 0329	7x12,56x37,5	G
		EX	V1056	611 053 0105	28,4x7x104,4	45	1	VV268N		+0,05	F
OM 613. 960/961 Turbo E320 3.2CDi 24V 00-04 S320 3.2CDi 24V 99-02 3222ccm 145kw(197PS)		IN	V1055	611 053 0101	30,1x7x104	45	1	VV268	611 053 0329	7x12,56x37,5	G
		EX	V1056	611 053 0105	28,4x7x104,4	45	1	VV268N		+0,05	F
C200 2.2 CDi 16V 01→ 88 E200 2.2 CDi 16V 02→ 4 Eng. OM646. 811/820/951/962 2148ccm 75/90/100kw	88	IN	V1629	628 053 0001	28,7x7x104	45	1	VV268	611 053 0329	7x12,56x37,5	G
		EX	V1630	628 053 0005	26,2x7x104,5	45	1	VV268N		+0,05	F
C220 2.2 CDi 16V 03→ E220 2.2 CDi 16V 02→ CLK220 2.2 CDi 16V 03→ Eng. OM646. 821/961/963 2148ccm 100/110/125kw		IN	V1629	628 053 0001	28,7x7x104	45	1	VV268	611 053 0329	7x12,56x37,5	G
		EX	V1630	628 053 0005	26,2x7x104,5	45	1	VV268N		+0,05	F
Vito 109, 111, 115 2.2 CDi 16V 03→ Viano 2.2 CDi 16V 03→ Eng. OM646. 982/983 2148ccm 65/80/110kw(88/109/150PS)		IN	V1629	628 053 0001	28,7x7x104	45	1	VV268	611 053 0329	7x12,56x37,5	G
		EX	V1630	628 053 0005	26,2x7x104,5	45	1	VV268N		+0,05	F
								VV268.1	611 053 0429	+0,20	

			CYL. Ø No	IN	AV REF.	ORIGINAL PART No	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART No	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
			EX	9	10	11	12						
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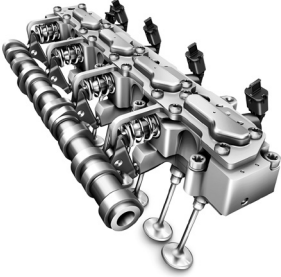
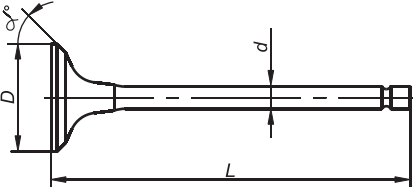
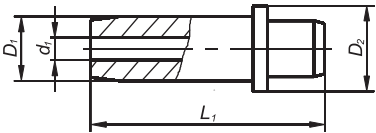
MERCEDES – BENZ DIESEL

Sprinter 209/211/213/215 308/309/311/313/315 408/411/413 CDi 2.2CDi 16V 00-06 Eng. OM611. 981/987 Eng. OM646. 985 2148ccm 60/65/80/95/110kw	88 4	IN	V1629	628 053 0001	28,7x7x104	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
Eng. OM611. 981/987 Eng. OM646. 985 2148ccm 60/65/80/95/110kw		EX	V1630	628 053 0005	26,2x7x104,5	45	1	VV268 VV268N VV268.1	611 053 0329 611 053 0429	7x12,56x37,5 +0,05 +0,20	G F
Sprinter 416 2.7 CDi 16V 00-06 Eng. OM612. 981 2685ccm 115kw(156PS)	88 5										
E270 2.7 CDi 20V 02→ Eng. OM647. 961 2685ccm 130kw(177PS)											
E280 3.2 CDi 24V 04→ E320, S320 3.2 CDi 24V 02→ Eng. OM648. 960/961 3222ccm 130/150kw(177/204PS)	88 6										
E400 4.0 CDi V8 24V 00→ S400 4.0 CDi V8 24V 00→ G400 4.0 CDi V8 24V 00→ ML400 4.0 CDi V8 24V 04→ Eng. OM628. 960/961/962/963 3996ccm 184kw(250PS)	88 V8										
E420 4.2 CDi V8 24V 06→ S420 4.2 CDi V8 24V 06→ GL420 4.2 CDi V8 24V 06→ ML420 4.2 CDi V8 24V 06→ Eng. OM629. 910/911/912 4196ccm 225/231kw(306/314PS)											
ENG. OM 604.912 E220 D 2.2 16V 93→ 2155ccm 70kw(95PS)	89 4	IN	V907	606 053 1101	29x6x105,4	45	1	VV218 VV218N VV218.1	606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20	G F
ENG. OM 605.910, 911, 912 C 250,E 250D 2.5 20V 93→ 2497ccm 83kw(113PS)	87 5	EX	V1054	606 053 0705	26x6x105,7	45	1	VV218 VV218N VV218.1	606 053 1229 606 053 1329	6x12,56x37,5 +0,05 +0,20	G F

			CYL. Ø №	IN	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
			EX	9	10	11	12						
1	2	3	4	5	6	7	8	9	10	11	12		

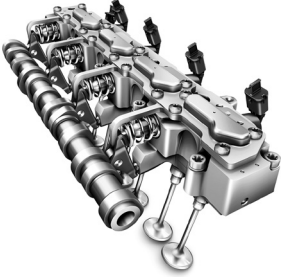
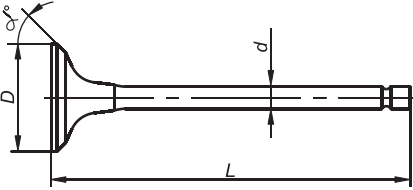
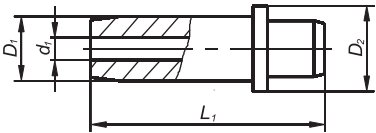
MERCEDES – BENZ DIESEL

ENG. OM 604.910 C 220D 2.2 16V 2155ccm	93→	89	IN	V1059	606 053 0701	29x6x105,4	45	3	VV218	606 053 1229	6x12,56x37,5	G
		4								VV218N	+0,05	F
	70kw(95PS)									VV218.1	606 053 1329	+0,20
ENG. OM 605.910 C 250D 2.5 20V 2497ccm	93-95	87	EX	V1060	606 053 0305	26x6x105,7	45	3	VV218	606 053 1229	6x12,56x37,5	G
		5								VV218N	+0,05	F
	83kw(113PS)									VV218.1	606 053 1329	+0,20
ENG. OM 606.910 E 300D 3.0 24V 2996ccm	93→	87	IN	V655	616 053 0301	39,8x10x131,5	60	17	VV117	616 053 0329	10x14,03x60	G
		4								V655N3	+1,0S	A1
										VV117.1	+0,05	
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	73→	4	EX	V656	616 050 0027	34,2x10x131	60	17	VV118	616 053 0330	10x14,03x48,5	G
										V656N3	+1,0S	A1
										VV118.1	+0,05	
MB 100D 2.4 2399ccm	90→		IN	V669	617 053 0001	39,8x10x131,5	60	17	VV117	616 053 0329	10x14,03x60	G
										VV117.1	+0,05	A1
										VV117.2	616 053 0429	+0,20
ENG OM617 209 D, 240 D, 3.0 300D, TD 3.0 300GD 4x4 3.0 2998ccm	74→	90,9	EX	V670	617 050 0027	34,2x10x131,5	60	17	VV118	616 053 0330	10x14,03x48,5	G
		5								VV118.1	+0,05	A1
										VV118.2	616 053 0430	+0,20
300 TD 2998ccm	78→	5	IN	V669	617 053 0001	39,8x10x131,5	60	17	VV117	616 053 0329	10x14,03x60	G
										VV117.1	+0,05	A1
										VV117.2	616 053 0429	+0,20
300 TD 2998ccm	78→	5	EX	V670	617 050 0027	34,2x10x131,5	60	17	VV118	616 053 0330	10x14,03x48,5	G
										VV118.1	+0,05	A1
										VV118.2	616 053 0430	+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

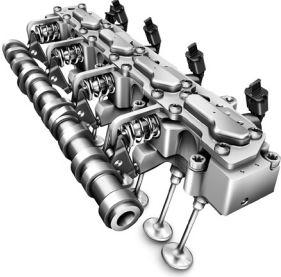
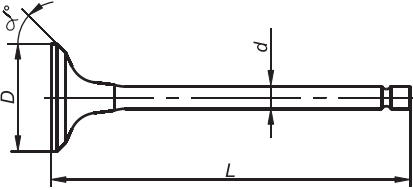
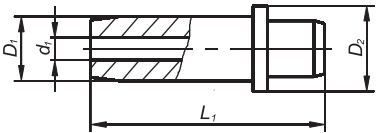
MERCEDES – BENZ INDUSTRIAL DIESEL

OM 314 5673 ccm	64→ 74kw(100PS)	97 4	IN	V931 V505N3	352 053 0101	44x9x140,5 +1,0S	45 5	VV52 VV52.1	312 053 0230 312 053 0630	9x15,03x78 +0,10	G A
OM 352 5673ccm	64→ 74/81/93/96kw(100/110/126/130PS)	97 6	IN	V505 V505N3	352 050 0026	44x9x140,5 +1,0S	45 5	VV52.2 VV36 VV36.1	312 053 0830 352 053 2229 352 053 2329	+0,20 9x15,03x72 +0,20	G F
OM 352 A Turbo OM 353 A Turbo 5673ccm	71→ 110/124kw(150/168PS)		EX	V169 V490N3 V490 V490N3	352 053 1505 366 050 0027	36x10x140,5 +1,0S 36x10x140,5 +1,0S	45 5 45 5	VV53 VV53.1 VV53.2 VV37 VV37.1	352 053 1630 352 053 1730 352 053 1830 352 053 3730 352 053 3830	10x15,03x73 +0,10 +0,20 10x15,03x67 +0,20	G A G F
OM 362 LA Turbo 5673ccm	82→ 141kw(192PS)	97 6	IN	V489 V489N3	366 050 0226	42,8x9x140,5 +1,0S	60 5	VV36 VV36.1	352 053 2229 352 053 2329	9x15,03x72 +0,20	G F
OM 364 3972ccm	84→ 66kw(90PS)	97,5 4	EX	V490 V490N3	366 050 0027	36x10x140,5 +1,0S	45 5	VV37 VV37.1	352 053 3730 352 053 3830	10x15,03x67 +0,20	G F
OM 366 5958ccm	84→ 100kw(136PS)	97,5 6	IN	V489 V489N3	366 050 0226	42,8x9x140,5 +1,0S	60 5	VV36 VV36.1	352 053 2229 352 053 2329	9x15,03x72 +0,20	G F
OM 366 A/LA – Turbo → No. 013600 5958ccm	84→ 125/148kw(170/201PS)		EX	V490 V490N3	366 050 0027	36x10x140,5 +1,0S	45 5	VV37 VV37.1	352 053 3730 352 053 3830	10x15,03x67 +0,20	G F
OM 364 A Turbo 611D, 711, 811D 3972ccm	84→ 85kw(115PS)	97,5 4	IN	V487 V1419	366 050 0326 366 050 1226	42x9x140,5 42x9x140,5	60 5 70 5	VV36 VV36.1	352 053 2229 352 053 2329	9x15,03x72 +0,20	G F
OM 366 A/LA – Turbo → No. 013601 5958ccm	84→ 125/148kw(170/201PS)	97,5 6	EX	V488	366 050 0227	36x10x140,5	45 5	VV37 VV37.1	352 053 3730 352 053 3830	10x15,03x67 +0,20	G F

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

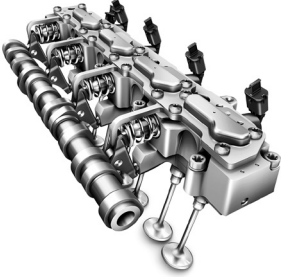
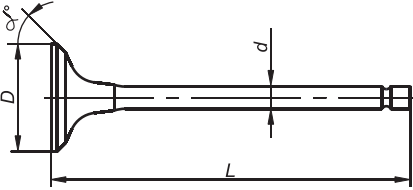
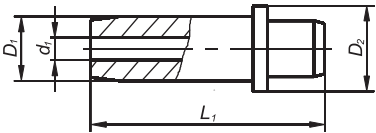
MERCEDES – BENZ INDUSTRIAL DIESEL

OM 904 LA 4.2 12V Vario 4.2 97→ Atego 4.2 97→ Cito 0520 4.2 95→ U 300, U 400 4.2 95→ U 3000, U 4000 4.2 02→ 4247ccm 75/90/100/110/130/142kw	102 4	IN	V1221 V1223	906 050 0226 906 050 0326	34x8x125,9 34x8x128,9	70 70	1 1	VV295 VV295N VV295 VV295N	906 053 0129 906 053 0129	8x13,05x60 +0,05 8x13,05x60 +0,05	G F G F
OM 906 LA 6.4 18V Atego 6.4 98→ Axor 6.4 02→ Citaro 6.4 95→ Concerto 0354 6.4 00→ O 500, U 400 6.4 00→ O 530 Bus 6.4 6374ccm 142/157/170/205/209kw	102 6	IN EX	V1224 V1224N	906 016 0491	15x8x83,5 +0,20d	70	1	VV337 VV337N VV295 VV295N	906 053 0130 906 053 0129	8x14,05x60 +0,05 8x13,05x60 +0,05	G F G F
OM 907 LA 4.2 12V Atego 4.2 98→ Vario 814 4.2 97→ 4247ccm 75/90/100/125/136/170kw	102 4	IN									
OM 909 LA 6.4 18V Citaro 0530 6.4 98→ 6374ccm 170/205kw(231/279PS)	102 6	IN									
OM 924 LA 4.8 12V Euro 3 U 5000 4.8 02→ 4800ccm 160kw(280PS)	106 4	IN									
OM 926 LA 7.2 18V Euro 3 O 500 Bus 7.2 89→ 7201ccm 240kw(326PS)	106 6	IN									
Citaro 14→ Eng. OM933/934/935/936 7700ccm NEW	4 6	IN EX	V2341 V2342	936 050 0026 936 050 0126 936 050 0027	37,5x8x193,6 33,7x8x199,3	70 55	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

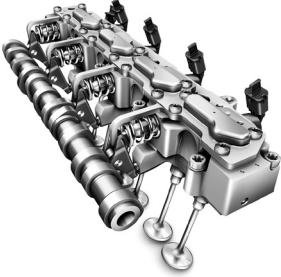
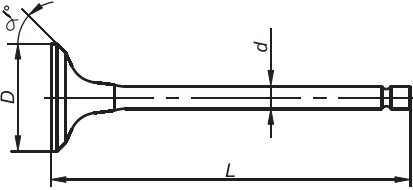
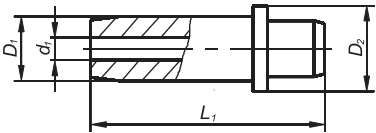
MERCEDES – BENZ INDUSTRIAL DIESEL

ENG. OM 327 7980ccm 110/125kw(150/170PS)	65→ 6	115	IN	V301	327 053 0701 360 050 0326	54x10x150	45	5	VV107	327 053 0830	10x16,03x85	G
									VV21	360 053 0029	10x16,03x79	A
ENG. OM 360 8720ccm 81/141kw(110/192PS)	68→		EX	V297	327 053 0705 360 050 0127	43x10x150	45	5	VV108	327 053 1430	10x16,03x77	G
												A
ENG. OM 360 H 8720ccm 125/141kw(170/192PS)	68→								VV22	360 053 0030	10x16,03x71	G
												F
ENG. OM 401 → No.265214 9570ccm 129/141/144kw(175/192/196PS)	72→	125	IN	V298* * Retainer s.e. 7,5 mm	403 053 0901	59x12x142,5	60	5	VV27	422 053 0430	12x18,03x67	G
		V-6		V298N3		+1,0S			VV27N		+0,05	F
ENG. OM 401 A –Turbo 9570ccm 188kw(256PS)	72→		IN	V311* * Retainer s.e. 7,5 mm	423 050 0026	59x12x142,5	60	5.1	VV27.1	422 053 0530	+0,20	
				V298N3		+1,0S			VV27.2	422 053 0630	+0,40	
ENG. OM 402 → No.265214 12670ccm 147/188kw(200/256PS)	72→	125	EX	V299* * Retainer s.e. 7,5 mm	403 050 1027	51x12x142,5	45	5	VV27	422 053 0430	12x18,03x67	G
		V-8		V299N3		+1,0S			VV27N		+0,05	F
ENG. OM 403 → No.265214 15960ccm 184/261kw(250/355PS)	71→	125	EX	V312* * Retainer s.e. 7,5 mm	423 050 0427	51x12x142,5	45	5.1	VV27.1	422 053 0530	+0,20	
		V-10		V299N3		+1,0S			VV27.2	422 053 0630	+0,40	
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 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

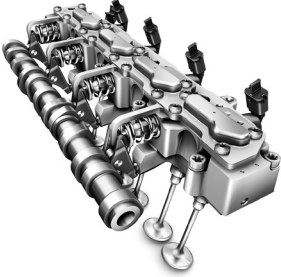
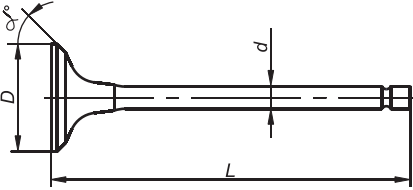
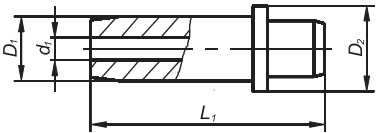
MERCEDES – BENZ INDUSTRIAL DIESEL

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

			CYL.	IN	AV REF.	ORIGINAL PART No	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART No	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
			Ø No	EX									
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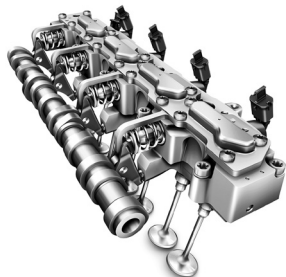
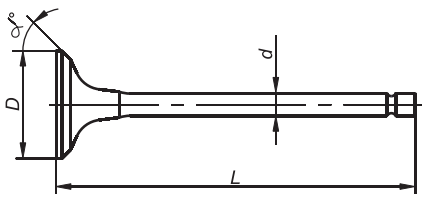
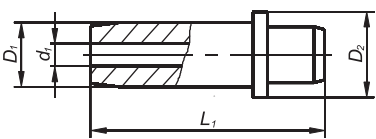
MERCEDES – BENZ INDUSTRIAL DIESEL

OM 401 No.265215→ 9570ccm 129/144kw(175/196PS)	125 V-6	IN	V466* * Retainer V466N1 V466N3	422 050 0026 422 050 0326 s.e. 2,7 mm	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* * Retainer V467N1 V467N3	422 050 0027 s.e. 2,7 mm	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		V467N1 V467N3		+0,5S +1,0S			VV27 VV27N VV27.1 VV27.2	422 053 0530 422 053 0630	+0,20 +0,40	
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→ 18270ccm 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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
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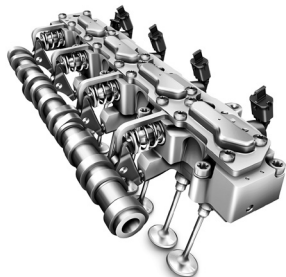
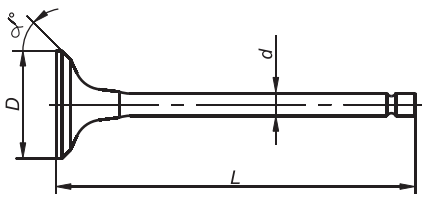
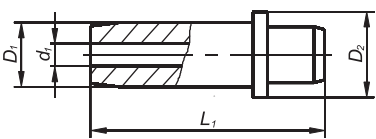
MERCEDES – BENZ INDUSTRIAL DIESEL

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
				* Retainer	s.e. 2,7 mm				VV27N	+0,05		
ENG. OM 441 1622K 11309ccm 150kw(204PS)	87→	128 V-6	EX	V466N1	+0,5S	51x12x142,5	45	5.1	VV27.1	422 053 0530	12x18,03x67	G
				V466N3	+1,0S				VV27.2	422 053 0630		
ENG. OM 442 14600ccm 206kw(280PS)	85→	128 V-8	EX	V467*	422 050 0027	51x12x142,5	45	5.1	VV27	422 053 0430	12x18,03x67	G
				* Retainer	s.e. 2,7 mm				VV27N	+0,05		
ENG. OM 447/447H O 405/407 11970ccm 147/150/177kw(200/204/240PS)	85→	128 V-8	EX	V467N1	+0,5S	17x8x84,2	45	1	VV27.1	422 053 0530	12x18,03x67	G
				V467N3	+1,0S				VV27.2	422 053 0630		
ENG. OM 421 A/LA Turbo No.139488 10965ccm 184kw(250PS)	79→	128 V-6	IN	V1376	442 016 0191	17x8x90	45	1	VV32	346 053 0929	9x15,03x68,5	G A1
				V1376N	+0,2d				VV33	355 053 0330		
ENG. OM 422 A/LA Turbo No.139488 14618ccm 206/243/276kw(280/330/375PS)	79→	128 V-8	EX	V1266	442 016 0391	17x8x90	45	1	VV32	346 053 0929	9x15,03x68,5	G A1
				V1266N	+0,2d				VV33	355 053 0330		
ENG. OM 423 A/LA Turbo No.139488 18270ccm 346/368kw(470/500PS)	79→	128 V-10	EX	V579	355 053 0001	42x9x130,6	60	5	VV32	346 053 0929	9x15,03x68,5	G A1
				V580	355 053 0005				37x9x165,9	60		
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
				* Retainer	s.e. 2,7 mm				VV27N	+0,05		
ENG. OM 422 A/LA Turbo No.139488 14618ccm 206/243/276kw(280/330/375PS)	79→	128 V-8	EX	V466N1	+0,5S	51x12x142,5	45	5.1	VV27.1	422 053 0530	12x18,03x67	G
				V466N3	+1,0S				VV27.2	422 053 0630		
ENG. OM 423 A/LA Turbo No.139488 18270ccm 346/368kw(470/500PS)	79→	128 V-10	EX	V467B*	422 050 0227	51x12x142,5	45	5.1	VV27	422 053 0430	12x18,03x67	G
				* Retainer	s.e. 2,7 mm				VV27N	+0,05		
ENG. OM 421 A/LA Turbo No.139488 10965ccm 184kw(250PS)	79→	128 V-6	IN	V467N1	+0,5S	17x8x84,2	45	1	VV27.1	422 053 0530	12x18,03x67	G
				V467N3	+1,0S				VV27.2	422 053 0630		

			CYL.	IN	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
			Ø	EX									
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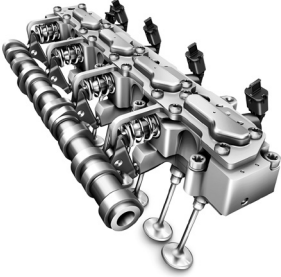
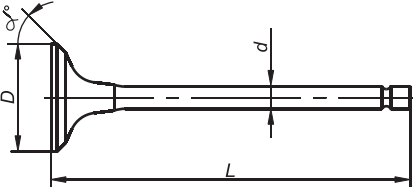
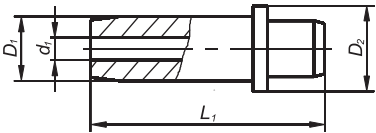
MERCEDES – BENZ INDUSTRIAL DIESEL

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

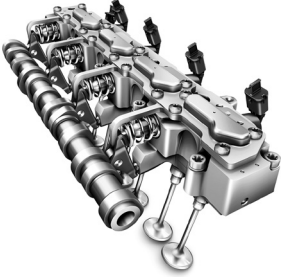
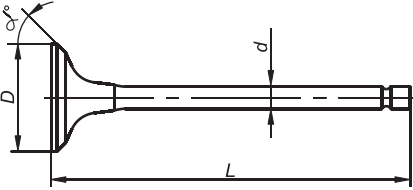
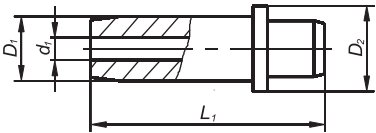
MERCEDES – BENZ INDUSTRIAL DIESEL

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
					422 050 0326							
ENG. OM 427 A/LA/H A Turbo 11967ccm 206kw(280PS)	85→	128 6	EX	* 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 A/LA Turbo 11309ccm 243kw(330PS)	87→	128 V-6	EX	V467B*	422 050 0227	51x12x142,5	45	5.1	VV27	422 053 0430	12x18,03x67	G
					s.e. 2,7 mm							
ENG. OM 442 A/LA Turbo 14600ccm 260/320kw(354/435PS)	85→	128 V-8	EX	V467N1					VV27.1	422 053 0530	+0,20	
				V467N3		+1,0S	VV27.2	422 053 0630	+0,40			
ENG. OM 444 A/LA Turbo 21930ccm 390/478kw(530/650PS)	87→	128 V-12	EX									
ENG. OM 447 A/LA/H A Turbo 11970ccm 206kw(280PS)	85→	128 6	EX									
ENG. M 447 925 11970ccm 150kw(204PS)		128 6	IN	V2091	442 050 0126	58,9x12x142,5	70	5	VV27	422 053 0430	12x18,03x67	G
					442 050 0626							
ENG. M 476 920-921, 925-926 11970ccm 175-177kw(238-241PS)	85→	128 6	EX	V2092	407 050 0127	51x12x142,5	70	5	VV27	422 053 0430	12x18,03x67	G
					447 050 0027							
ENG. 476 Euro 2 930, 932-935 11970ccm 185-240kw(252-326PS)	00→	128 6	EX		447 050 0327				VV27.1	422 053 0530	+0,20	
								VV27.2	422 053 0630	+0,40		
ENG. M 476 927 11970ccm 177kw(241PS)	01→	128 6	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
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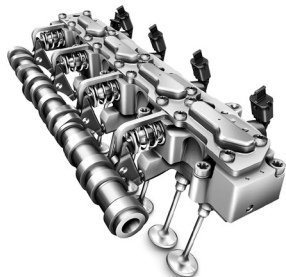
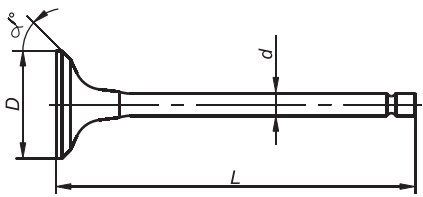
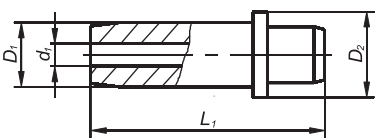
MERCEDES – BENZ INDUSTRIAL DIESEL

ENG. OM 457 LA 24V Euro 4 950/959/967 11970ccm 220/260kw(299/384PS)	98→	128	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 11970ccm 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	G F
ENG. OM 460 LA 24V Euro 3 950–951, 975–981 12816ccm 261/360kw(355/490PS)									VV227N VV227.1	+0,05 +0,20		
ENG. 457 LA 24V Euro 4 948 11970ccm 260/315kw(354/428PS)	04→		EX	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	G F
ENG. OM 457 LA 24V Euro 2/3 927 11970ccm 290kw(400PS)									VV227N VV227.1	+0,05 +0,20		
ENG. OM 521 LA 24V Euro 2 940 11946ccm 315kw(428PS)	96→	130	EX	V1068 V1068N	541 016 07 91	17x8x87 +0,2d	45	1				
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										

	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d 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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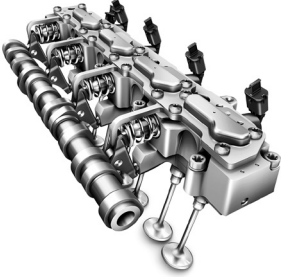
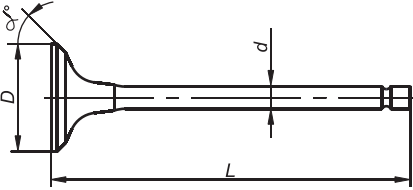
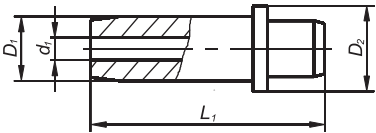
MERCEDES – BENZ INDUSTRIAL DIESEL

ENG. OM 542 LA 32V	96→	130	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
Euro 2 920–926 15928ccm		8		V1043N3		+1,0S						
350/420kw(476/571PS)												
ENG. 542 LA 24V	95→								VV227N VV227.1		+0,05 +0,20	
Euro 2/3 940–945, 947–948 15928ccm			EX	V1044 V1044N3	541 050 02 27	41x9x145 +1,0S	45	5	VV227	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30	9x15,03x61	G F
ENG. OM 941 LA 24V	96→	6							VV227N VV227.1		+0,05 +0,20	
Euro 2/3 900, 910, 920–921, 929–930, 940 960, 967, 970, 980, 990 11926ccm			EX	V1942 V1942N3	457 050 03 27 457 050 05 27	42,1x9x145 +1,0S	55	5	VV227	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30	9x15,03x61	G F
230/315kw(313/428PS)												
ENG. 942 LA 32V	96→	130	EX						VV227N VV227.1		+0,05 +0,20	
Euro 2/3 900, 910–912, 925, 930, 960, 967 970, 980, 990 15928ccm		8		V1068 V1068N	541 016 07 91	17x8x87 +0,2d	45	1				
300/448kw(408/609PS)												
ENG. 521 LA 24V	96→	6	EX									
950–951 11946ccm												
260kw(354PS)												
Actros 541/Actros 542	05–08											
ENG. 541 LA												
Euro 4/5 970, 980–981 11946ccm												
235/335kw(320/455PS)												
ENG. 542 LA 32V	95→	8										
Euro 2 956–957 15928ccm												
448kw(609PS)												
ENG. 542 LA 32V	04–08											
Euro 2/3 958 15928ccm												
450kw(612PS)												

	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 INDUSTRIAL DIESEL

ENG. OM 542 LA 32V Euro 4/5 960, 970 15928ccm 375/448kw(510/609PS)	05→	130 8	IN	V1043 V1043N3	541 050 02 26 457 053 00 01	45,5x9x145 +1,0S	60	5	VV227	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30	9x15,03x61	G F
ENG. 541 LA 24V Euro 4/5 971–979 11946ccm 235/350kw(320/476PS)	05→	6	EX	V1044 V1044N3	541 050 02 27	41x9x145 +1,0S	45	5	VV227N VV227.1		+0,05 +0,20	G F
ENG. 542 LA 32V Euro 4/5 961–966, 971 15928ccm 350/448kw(476/609PS)	05→	8	EX	V1942 V1942N3	457 050 03 27 457 050 05 27	42,1x9x145 +1,0S	55	5	VV227	541 053 27 30 541 053 12 30 457 053 13 30 541 053 28 30 541 053 13 30	9x15,03x61	G F
			EX	V1068 V1068N	541 016 07 91	17x8x87 +0,2d	45	1	VV227N VV227.1		+0,05 +0,20	
ENG. OM 472 ENG. OM 473 NEW	10→		IN	V2271	472 050 0126 473 050 0126	47,2x9,5x240	70	1				
			EX	V2272	473 050 0127	45,1x9,5x246,1	60	1				
Actros Euro 6 Eng. OM 471 12800ccm NEW	11→	6	IN	V2269	471 050 0426	45,2x9,5x240	70	1				
			EX	V2270	471 050 0427 471 050 0527	43,5x9,5x246,6	60	1				
Actros Citaro Eng. OM 470 10700ccm NEW	14→	6	IN	V2339	470 050 0626	42,5x9,5x239,9	70	1				
			EX	V2340	470 050 0427	40x9,8x246,5	60	1				

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

MERCEDES – BENZ INDUSTRIAL DIESEL Modulazioni ventili

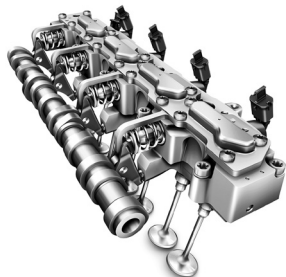
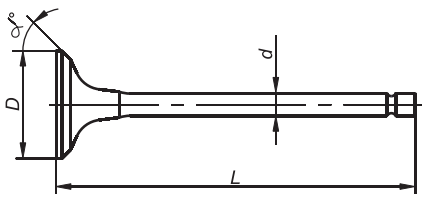
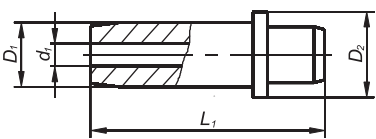
OM442, OM462	6 8	EX	V1376 V1376N	442 016 0191	17x8x84,2 +0,2d	45	1				
OM440, OM441, OM442 OM446, OM475, OM476	6 8 10	EX	V1266 V1266N	442 016 0391	17x8x90 +0,2d	45	1				
OM501, OM502 Actros	6 8	EX	V1068 V1068N	541 016 0791	17x8x87 +0,2d	45	1				
OM904, OM907, OM924 Atego	4 6 8	EX	V1224 V1224N	906 016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

MG

MG-F 1.8i 16V Eng. 18K4F	00→	80 4	IN	V1329	LGH 10029	27,7x6x89,6	45	1	VV415 VV415N	LGJ 10034	6x9,89x30 +0,05	G A1
MG-F160 1.8i 16V VVC Eng. 18K4K			EX	V1332	LGH 10065 LGH 101360	27,5x6x90	45	1	VV415 VV415N	LGJ 10034	6x9,89x30 +0,05	G A1
MG-TF 120/135 1.8i 16V Eng. 18K4F	02→											
MG-ZR 160 1.8i 16V MG-ZS 160 1.8i 16V Eng. 18K4F 1976ccm	01→											
MG-TF 160 1.8 VVC MG-ZR 160 1.8 VVC Eng. 18K4F 1976ccm	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	01→	V6	EX	V1332	LGH 10065 LGH 101360	27,5x6x90	45	1	VV415 VV415N	LGJ 10034	6x9,89x30 +0,05	G A1

1	2	3	4	5	6	7	8	9	10	11	12
MG DIESEL											
MG-ZT 2.0 CDTi 16V 02→ MG-ZT-T 2.0 CDTi 16V Eng. 204D2 1951ccm 85/96kw(115/131PS)	84 4	IN	V994 LGH 101450	26x6x99,9 26x6x99,9	45	3	VV247 VV247.1	LGJ 10034 LGJ 10034	6x11,55x39 +0,05 6x11,55x39 +0,05	B A B A	
			V994 LGH 101450				VV247 VV247.1				
MG-ZR 115 2.0 TDi 16V 04→ MG-ZS 115 2.0 TDi 16V Eng. 20T2N 1994ccm 63/77kw(85/105PS)	84,5 4	IN	V1333 LGH 100990	37,2x7x86,7 32,5x7x86,7	45	1	VV375 LGJ 100510	LGJ 100510 LGJ 100510	7x12,05x28,3 7x12,05x28,3	G A G A	
			V1334 LGH 100980				VV375 LGJ 100510				
MINI											
Mini 1.4i 16V 02→ Eng. W10B14A 1398ccm	77 4	IN	V1705 11341485585 11347513023	30,3x6x109,5 23,3x6x118,3	45	3	VV526 VV526N	6x11,06x42 +0,05 6x11,06x42 +0,05	G A G A		
			V1706 11347829943 11347513024				VV526 VV526N				
Mini One 1.6i 16V 00→ Mini Cooper 1.6i 16V Eng. R50-R52 1598ccm 66/85kw(90/115PS)	77 4	IN	V1705 11341485585 11347513023	30,3x6x109,5 23,3x6x118,3	45	3	VV526 VV526N	6x11,06x42 +0,05 6x11,06x42 +0,05	G A G A		
			V1706 11347829943 11347513024				VV526 VV526N				
Mini Clubman One 1.4i 16V 09→ Mini One 1.4i 16V Eng. N12B14A 1397ccm	77 4	IN	V1701 11347533884	30x5x97 25,1x5x110,8	45	3	VV519 VV519N	5x9,03x41 +0,05 5x9,03x44,5 +0,05	B A B A		
			V1702 11347533885				VV520 VV520N				
Cooper S 07→ Eng. N14B16A Eng. N14B16C 1598ccm	77 4	IN	V1673 11347587470 11347534508	28,8x5x105,7 26x5x110,1	45	3	VV519 VV519N	5x9,03x41 +0,05 5x9,03x44,5 +0,05	B A B A		
			V1674 11347547187				VV520 VV520N				

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
														4
MINI														
Cooper 1.6 16V Eng. N18B16A Eng. N18B16B Eng. N18B16C 1598ccm	10→	77 4	IN		V2031	11347585901	29,7x5x95,1	45	3	VV519		5x9,03x41	B	
											VV519N		+0,05	A
					EX	V1674	11347547187	26x5x110,1	45	3	VV520		5x9,03x44,5	B
											VV520N		+0,05	A
Cooper 1.6i 16V Eng. N16B16A Eng. N12B16A 1598ccm	09→	77 4	IN		V1701	11347533884	30x5x97	45	3	VV519		5x9,03x41	B	
											VV519N		+0,05	A
					EX	V1702	11347533885	25,1x5x110,8	45	3	VV520		5x9,03x44,5	B
											VV520N		+0,05	A
MINI DIESEL														
Mini One 1.4D Eng. 1ND-1NDTV 1364ccm	03→	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	06→	75 4	IN		V1493	1134 7 805 968	25,6x5,5x96,4	45	3	VV399		5,5x9,56x34	G A	
					EX	V1494	1134 7 805 969	23,4x5,5x96,6	45	3	VV399		5,5x9,56x34	G A
Mini One 1.6 D 16V Mini Cooper 1.6 D 16V Mini Cubman 1.6 D Eng. 9H2(DV6TED4) 1560ccm	07→	75 4	IN		V2093		25,6x5,5x96,1	45	3	VV399		5,5x9,56x34	G A	
											VV399N		+0,05	A
					EX	V2094		23,5x5,5x96,3	45	3	VV399		5,5x9,56x34	G A
Mini One 1.6 D 16V Mini Cooper 1.6 D 16V Eng. N47C16A 1598ccm	11→	78 4	IN		V2037	1134 7 812 618	24,8x5x94	45	3	VV510		5x10,04x35,5	B A	
					EX	V2038	1134 7 812 616	21,2x5x94	45	3	VV510		5x10,04x35,5	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

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
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				

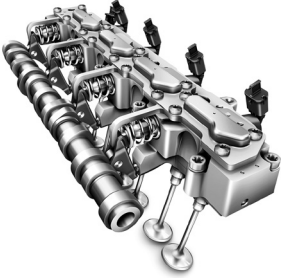
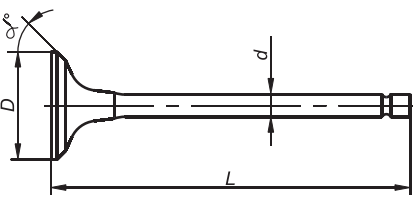
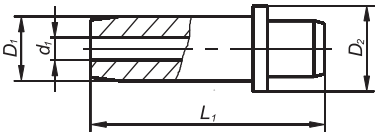
MITSUBISHI

Fiore, Lancer 1200 Colt, Mirage 1200 Eng. G11B OHC 1244ccm	77→ 77→	69,5 4	IN EX	V1145	MD-016460	34x6,6x102,1	45	1				
				V1146	MD-016461	30x6,6x100,9	45	1				
Fiore, Lancer 1300 Colt, Mirage 1300 Eng. G13B OHC 1299ccm	83→ 83→	71 4	IN EX	V1145	MD-016460	34x6,6x102,1	45	1				
				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	78→ 78→ 78→ 78→ 78→	74 4										
	60kw(82PS)											

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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
mitsubishi												
Fiore, Lancer 1.5 Colt, Mirage 1.5 Eng. G15B OHC 1468ccm 64kw(87PS)	83→ 83→	75 4	IN EX	V1145 V1146	MD-016460 MD-016461	34x6,6x102,1 30x6,6x100,9	45 45	1 1				
Space Star 1.3 16V Eng. 4G13 1299ccm 60/63kw(82/86PS)	98→	71 4	IN EX	V1771 V1772	MD 342090 MD 342091	27x5,5x111,6 23,4x5,5x114,8	45 45	1 1	VV433 VV434	MD 357589 MD 357586	5,5x10,61x48 5,5x10,61x55	G F1 G F16
Colt 1.3i 12V Lancer 1.3i 12V Mirage 1.3i 12V Eng. 4G13 1299ccm 55/58kw(75/79PS)	89→ 89→ 89→	71 4	IN EX	V1619 V1620	MD 128435 MD 139755	31x6,6x100,9 33x6,6x101	45 45	1 1				
Colt 1.3i 12V Lancer 1.3i 12V Mirage 1.3i 12V Eng. 4G13 1299ccm 55/58kw(75/79PS)	89→ 89→ 89→	71 4	IN IN EX	V1619 V1839 V1620	MD 128435 MD 128434 MD 139755 MD 139314	31x6,6x100,9 26x6,6x100,7 33x6,6x101	45 45 45	1 1 1				
Colt 1.5i Lancer 1.5i Mirage 1.5i Eng. 4G15 1468ccm 62/66kw(84/90PS)	88→ 84→ 88→	75,5 4	IN EX	V1619 V1620	MD 128435 MD 139755	31x6,6x100,9 33x6,6x101	45 45	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	V1773	MR 984260	30,4x5x89,5	45	1	VV489		5x10,56x34,5	G F
Colt 1.3i 16V Eng. 4A90 1332ccm 70kw(95PS)	04→	75 4	EX	V1774	MR 984261	25,4x5x91	45	1	VV489		5x10,56x34,5	G F
Colt 1.5i 16V Eng. 4A91 1499ccm	04→											

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
MITSUBISHI											
Lanser		IN	V2227		30,4x5x87,3	45	1				
NEW		EX	V2228		25,4x5x88,6	45	1				
Space Star 1.6 16V 04→	76	IN	V1775	MD 339752	29x5,5x111,7	45	1	VV433	MD 357589	5,5x10,61x48	G F1
Lancer 1.6 16V	4	EX	V1776	MD 339754	25,4x5,5x114,7	45	1	VV434	MD 357586	5,5x10,61x55	G F16
Eng. 4G18 1594ccm	72kw(98PS)										
		IN	V2017		35x5,5x113,2	45	1				
		EX	V2018		28,9x5,5x105,9	45	1				
Colt 1.6 85-88	76,9	IN	V1567	MD 075925	38x8x103,5	45	1				
Mirage 1.6 85-88	4	EX	V1568	MD 075927	31x8x100	45	1				
Lancer 1.6 85-88											
L300 1.6 85-88											
Eng. G32B 1598ccm	60kw(81,5PS)										
Colt 1.6 16V 95→	4	IN	V1517	MD 162422	30x6x110	45	1	VV412	MD 300702	6x11,12x45,5	G
Carisma 1.6 16V 95→				MD 162799				VV412N		+0,05	P
Lancer 1.6 16V 92→		EX	V1518	MD 162423	27x6x113,6	45	1	VV412	MD 300702	6x11,12x45,5	G
Eng. 4G92 1595ccm	66/76kw(90/103PS)							VV412N		+0,05	P
Galant 1.8 16V 92→											
Colt 1.8 16V 93→											
Wista 4WD 1.8 16V 92→											
Expo 2WD/4WD 1.8 16V 98→											
Eng. 4G93 1800ccm	85/90kw(116/122PS)										
Payero GDI 1.8 16V 99-00	81	IN	V1599	MD 162780	33x6x104,2	45	1	VV412	MD 300702	6x11,12x45,5	G
Space Star 1.8 16V 99→	4							VV412N		+0,05	P
Carisma 1.8 16V 99→		EX	V1600	MD 162800	28,2x6x103,8	45	1	VV412	MD 300702	6x11,12x45,5	G
Eng. 4G93 1834ccm	82/96kw(112/131PS)							VV412N		+0,05	P
Payero Pinin GDI 2.0 16V	79							VV450	MD 172530	6x11,12x50,5	G
Eng. 4G94 1999ccm	95kw(129PS)	4						VV450N		+0,05	P6

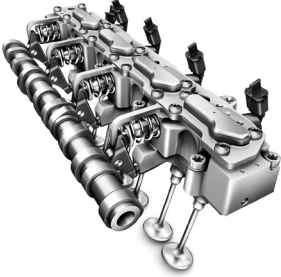
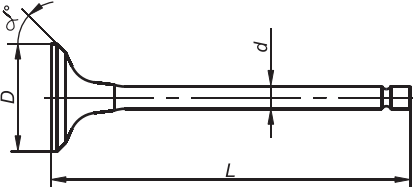
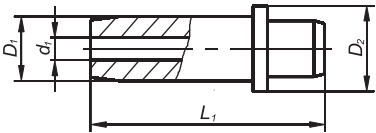
1	2	3	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
mitsubishi													
Lancer 1.6i 16V	88→	82,3		IN	V927	MD 127840	34x6,5x109,6	45	1	VV133	22114-33010	6,6x12,06x50,5	G
Colt 1.6i 16V	88→	4				22211-33000				VV133N		+0,05	P
Mirage 1.6i 16V	87→												
Eng. 4G61				EX	V928	MD 127841	30,5x6,5x109,6	45	1	VV134	22115-33010	6,6x12,06x45,5	G
1595ccm	91kw(124PS)					22212-33000				VV134N		+0,05	P
Eclipse 2.0 16V	90→	85											
Galant 2.0 16V 4WD	90→	4											
Lancer 2.0 16V 4WD	90→												
RVR 2.0 16V	91→												
Wista 2.0 16V 4WD	88→												
L300 2.0 16V	85-86												
Outlander 2.0 16V													
Sapporo 2.0 16V	81-84												
Space Wagon 2.0 16V	85-91												
Eng. 4G63/4G63T Turbo													
1997ccm	75/82/110kw												
Outlander 2.4 16V	04→			IN	V1777	MR 994497	34x6x111,5	45	1				
Eng. 4G64		4											
2378ccm	102kw(139PS)			EX	V1778	MR 994498	30,5x6x113,6	45	1				
Galant 2wd 2.0 16V	93→	85		IN	V1195	MD 301 193	33x6x112,5	45	1	VV412	MD 300702	6x11,12x45,5	G
Space Wagon 2.0 16V	92→	4								VV412N		+0,05	P
Space Gear 2.0 16V	95→												
Space Runner 2.0 16V	99→			EX	V1196	MD 197 097	29x6x114	45	1	VV450	MD 172530	6x11,12x50,5	G
Eng. 4G63										VV450N		+0,05	P6
1997ccm	75-110kw(102-150PS)												
L300 2.4 16V	93→	86,5											
Pajero 2.4 16V		4											
Space Runner 2.4 16V													
Eng. 4G64													
2350ccm	97kw(132PS)												
Space Gear 2.4 16V		86,5		IN	V1195	MD 301 193	33x6x112,5	45	1	VV412	MD 300702	6x11,12x45,5	G
Expo 2WD/4WD 2.4 16V	89→	4								VV412N		+0,05	P
Vista 4WD 2.4 16V													
Sonata 2.4 16V													
Eng. 4G64K				EX	V1196	MD 197 097	29x6x114	45	1	VV450	MD 172530	6x11,12x50,5	G
2350ccm	85kw(116PS)									VV450N		+0,05	P6

1	2	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
3000 GT													
													
													
													
PAJERO 3.5 V6													
2972ccm 3497ccm													
NEW													
3000 GT													
Pajero 3.5 V6 2972ccm 3497ccm													
MITSUBISHI													
MITSUBISHI DIESEL													
Colt 1.5Di-D	04→	75	IN	V1743	MN 960088	28,9x6,5x106,3	45	3		VV398		6x11,57x34,4	G
Eng. OM639.939		4								VV398N		+0,03	F
1493ccm	70kw(95PS)		EX	V1744	MN 960089	25,4x6x102,3	45	3		VV398		6x11,57x34,4	G
										VV398N		+0,03	F
Carisma Sedan 1.9 TD	99→	80	IN	V1057	M 889130	35x8x110,5	45	1		VV146		8x13,06x39	B
Hatchback		4			M 852144					VV146.1		+0,05	F
Eng. F8Q			EX	V1058	M 889131	31,5x8x110,5	45	1		VV146		8x13,06x39	B
1870ccm	75kw(102PS)				M 852146					VV146.1		+0,05	F
										VV146.2		+0,20	
Carisma 1.9 TD	96-00	80	IN	V855	7701 466 716	36,1x8x111,7	60	1		VV146		8x13,06x39	B
Eng. F8Q		4		V855N3		+1,0S				VV146.1		+0,05	F
1870ccm	66/70kw(90/95PS)		EX	V856	7701 466 717	31,6x8x111,3	45	1		VV146		8x13,06x39	B
				V856N3		+1,0S				VV146.1		+0,05	F
										VV146.2		+0,20	
Carisma 1.9 TDi	99→	80	IN	V951	MW30620685	35,4x7x111	45	1		VV182	7700 859 086	7x12,06x38,3	B
Space Star 1.9D-Di	01→	4								VV182.1		+0,05	F
Eng. F9Q			EX	V952	MW30620686	32,6x7x110,8	45	1		VV182	7700 859 086	7x12,06x38,3	B
1870ccm	74/75W(100/102PS)									VV182.1		+0,05	F

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE																																																																														
														4	5	6	7	8	9	10	11	12																																																																					
MITSUBISHI DIESEL																																																																																											
Grandis 2.0 Di-D 16V 05→ Outlander 2.0 Di-D 16V 07→ Eng. BSY VW 1968ccm 100/103kw(136/140PS)	81	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																																																																		
																										EX	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																																														
EX	V1208	MD 180356	31,9x8x113,6	45	1	VV444	MD 076 358	8x13,13x58	G F6																																																																																		
Space Runier 2.0D/TD 92→ Space Wagon 2.0D/TD 92→ Lancer, Galant 2.0D/TD 93→ Eng. 4D68/4D68T 1998ccm 50/60/66kw(68/82/90PS)	82,7	IN	V1207	MD 173602	36x8x114,1	45	1	VV443	MD 076 354	8x13,13x56	G F																																																																																
Space Wagon 2.4D/TD 92→ 2351ccm	4	EX	V1208	MD 180356	31,9x8x113,6	45	1	VV444	MD 076 358	8x13,13x58	G F6																																																																																
Canter 2.3D/TD 84-86 Galant 2.3TD 80-84 L 200 2.3D/DT 84-86 L 300 2.3D/DT 84-86 Pajero 2.3D/TD 84-86 Shogun 2.3D/TD 84-86 Delica 2.3D 84-86 Montero 2.3D 84-86 Sigma 2.3D/TD 84-86 Eng. 4D55/4D55T Turbo 2346ccm 48/62kw(65/84PS)	91,1	IN	V943	MD 083661	40x8x136,5	45	1	VV277	MD 050523	8x13,12x71	G P																																																																																
												EX	V944	MD 083662	34x8x136,5	45	1	VV278	MD 050527	8x13,12x74	G P6																																																																						
																						EX	V943	MD 083661	40x8x136,5	45	1	VV277	MD 050523	8x13,12x71	G P																																																												
																																EX	V944	MD 083662	34x8x136,5	45	1	VV278	MD 050527	8x13,12x74	G P6																																																		
																																										EX	V943	MD 083661	40x8x136,5	45	1	VV277	MD 050523	8x13,12x71	G P																																								
																																																				EX	V944	MD 083662	34x8x136,5	45	1	VV278	MD 050527	8x13,12x74	G P6																														
																																																														EX	V943	MD 083661	40x8x136,5	45	1	VV277	MD 050523	8x13,12x71	G P																				
																																																																								EX	V944	MD 083662	34x8x136,5	45	1	VV278	MD 050527	8x13,12x74	G P6										
																																																																																		EX	V943	MD 083661	40x8x136,5	45	1	VV277	MD 050523	8x13,12x71	G P
Canter, Delica 2.5D/TD 86→ L 200, L 300 2.5D/TD 86→ Pajero, Shogun 2.5D/TD 86→ Colt 2.5D 86→ Montero 2.5D/TD 86→ Space Gear 2.5D 86→ Eng. 4D56/4D56T Turbo 2476ccm 51-64kw(69-87PS)	86	IN	V943	MD 083661	40x8x136,5	45	1	VV277	MD 050523	8x13,12x71	G P																																																																																
Canter, Delica 2.5D/TD 86→ L 200, L 300 2.5D/TD 86→ Pajero, Shogun 2.5D/TD 86→ Colt 2.5D 86→ Montero 2.5D/TD 86→ Space Gear 2.5D 86→ Eng. 4D56/4D56T Turbo 2476ccm 51-64kw(69-87PS)	86	EX	V944	MD 083662	34x8x136,5	45	1	VV278	MD 050527	8x13,12x74	G P6																																																																																

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
MITSUBISHI DIESEL												
L300 2.5 TD Space Gear 2.5 TD Pajero Metal Top 2.5 TD Eng. 4D56T 2477ccm 73kw(99PS)	86→	91,1 4	IN	V1405	MD 198404	40x8x130,1	45	1	VV277	MD 050523	8x13,12x71	G P
	89→		EX	V1406	MD 198406	34x8x129,9	45	1	VV278	MD 050527	8x13,12x74	G P6
Pajero 2.5 TD Eng. 4D56T 2477ccm	01→	91,1 4	IN	V2095	22211-42860	40x8x132	45	1	VV277	MD 050523	8x13,12x71	G P
			EX	V2096	22212-42860	34x8x132	45	1	VV278	MD 050527	8x13,12x74	G P6
L200 2.5 Di-D 16V L200/Pajero Sport 2.5 TDI 16V 2477ccm	05→	91,1 4	IN	V1981	MN176597	31,5x6x107,6	45	1				
	06→		EX	V1982	MN176598	27,5x6x107,9	45	1				
Canter 2.8 D/TDi Pajero 2.8 D/TDi Eng. 4M40, 4M40T Turbo 2835ccm 85/92kw(115/125PS)	96→	95 4	IN	V1005	ME 200050	41x8x108,6	45	1	VV256 VV256N		8x13,09x58 +0,05	G P6
	94→		EX	V1006	ME 200051	35x8x108,4	45	1	VV256 VV256N		8x13,09x58 +0,05	G P6
Eng. FB 634 2977ccm NEW	03→		IN	V2233		30x6,5x115,4	45	1				
			EX	V2234		28x6,5x115,4	45	1				
Pajero Montero 3.2 16V Eng. 4M41 3200ccm 118/121kw(160/166PS)	00→	98,5 6	IN	V1323	ME 203101	33x6,6x115,5	45	1	VV585 VV453	ME 204 179	6,6x12,06x54 6,6x12,12x54	G P G P
	00→		EX	V1324	ME 203102	30,9x6,6x115,4	45	1	VV586 VV454	ME 204 182	6,6x12,06x47 6,6x12,12x47	G P G P36
Pajero 3.8 V6 Eng. G7HP 3828ccm NEW	07→	V6	IN	V2343	MN 163799	36,5x6x109,4	45	1				
			EX	V2344	MN 163286	32x6x113,5	45	1				
Canter NEW			IN	V2317	ME 013810	44x8,9x136,8	45	8				
			EX	V2318	ME 220217	37,1x8,9x136,9	45	8				

1	2	3	4	5	6	7	8	9	10	11	12									
												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
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	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	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 xD ₂ /D ₁ xL 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
				V1051N1		+1,0			VV42N1			
			IN	V1053	212K438-95	48x11x158	60	8	VV42	240.1007-032	11x18,04x85,5	G
				V1053N1		+0,5S			VV42N		+0,04	F
				V1053N2		+0,8S			VV42N1		+1,0	
			EX	V534	50-100-7015	41,8x11x158	45	8	VV42	240.1007-032	11x18,04x85,5	G
				V534N		+0,3S			VV42N		+0,04	F
				V534N1		+0,5S			VV42N1		+1,0	
				V534N2		+0,8S						
				V534N3		+1,0S						
			EX	V1052	240-100-7015	42x11x158	45	8	VV42	240.1007-032	11x18,04x85,5	G
				V1052N1		+0,5S			VV42N		+0,04	F
				V1052N2		+0,8S			VV42N1		+1,0	

MWM

Eng. D 208/308Z 1490ccm	65-73 23kw(31PS)	95 2	IN	V687	6 308 0 460 001 4	38x9x117	45	3	VV532	630503320034	9x15,05x58	G
				V687N3		+1,0S						G
Eng. D 208/308D 2235ccm	65-73 34kw(47PS)	95 3	EX	V688	6 207 0 460 301 4	35x9x117	45	3	VV532	630503320034	9x15,05x58	G
				V688N3		+1,0S					G	
Eng. D 208/308V 3080ccm	65-73 46kw(62PS)	95 4										
Eng. D 208/308S 4470ccm	65-73 69kw(93PS)	95 6										

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
MWM												
Eng. KD 12E 880ccm	52-63	95	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										
Eng. AKD 12/112Z 1810ccm		2										
Eng. AKD 12/112D 2720ccm		3										
Eng. 322D 2703ccm												
Eng. AKD 12/112V 3620ccm		4										
Eng. D 327 1880ccm 2820ccm 3770ccm 5650ccm	70-77 25kw(34PS) 37kw(50PS) 50kw(67PS) 75kw(101PS)	100 2 3 4 6	IN EX	V337 V338	6 226 0 460 005 4 6 308 0 460 002 4	41x9x117 38x9x117	45 45	3 3	VV548 VV548	6.305.0.332.003.4 6.305.0.332.003.4	9x16,5/15,05x58 9x16,5/15,05x58	G G G G
Eng. D 227 3770ccm 5654ccm	70-77 55kw(74PS) 83kw(112PS)	4 6										
Eng. D 226Z 2080ccm	69-77 30kw(40PS)	105 2										
Eng. D 226D 3120ccm	69-77 44kw(60PS)	3										

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
MWM													
Eng. D 226V 4160ccm	69-77 59kw(80PS)	105 4	IN	V337	6 226 0 460 005 4	41x9x117	45 3	VV548	6.305.0.332.003.4	9x16,5/15,05x58	G G		
Eng. D 226S 6240ccm	69-77 89kw(120PS)	6	EX	V338	6 308 0 460 002 4	38x9x117	45 3	VV548	6.305.0.332.003.4	9x16,5/15,05x58	G G		
Eng. TD 226-B3 3117ccm	85-98 51-84kw(70-114PS)	105 3	IN	V1967	12159606 6.226.0.460.701.4	47x9x117	60 3	VV549	12189512 6.226.0.332.703.4	9x15x58	G A114		
Eng. TD 226-B4 4154ccm	87-01 60-77kw(82-105PS)	4	EX	V1968	12159608 6.226.0.460.703.4	43x9x117	45 3	VV550	12159459 6.226.0.332.704.4	9x15x51,5	G A114		
Eng. TD 226-B6 6234ccm	69→ 81-136kw(110-185PS)	6											
Eng. TD 226-4 4160ccm	69→ 68-74kw(92-100PS)	105 4	IN	V1937	6.228.0.460.301.4	42x9x117,2	60 3	VV548	6.305.0.332.003.4	9x16,5/15,05x58	G G		
Eng. TD 226-6 6234ccm	92-96 99-125kw(135-170PS)	6	EX	V1938	6.226.0.460.302.4	38x9x117	45 3	VV548	6.305.0.332.003.4	9x16,5/15,05x58	G G		
Eng. TD 228-6 6234ccm	76→ 99-110kw(135-150PS)												
Eng. D 226-B2 2080ccm	86→ 32kw(43PS)	105 2	IN	V2097	1215 6904 6.226.0.460.501.4	47x9x117	45 3	VV549	12189512 6.226.0.332.703.4	9x15x58	G A114		
Eng. D 226-B3 3120ccm	86→ 33-55kw(45-75PS)	3		V2097N3 V2097N5		+1,0S +2,0S							
Eng. D 226-B4 4154ccm	86-93 51-74kw(70-100PS)	4	EX	V2098	1215 9605 6.226.0.460.503.4	43x9x117	45 3	VV550	12159459 6.226.0.332.704.4	9x15x51,5	G A114		
Eng. D 226-B6 6234ccm	86-99 77-105kw(88-120PS)	6		V2098N3 V2098N5		+1,0S +2,0S							
Eng. D 232S 8820ccm	66→ 112kw(152PS)	120 V-6	IN	V689	6 232 0 460 002 4	46x11x151,9	45 1						
Eng. TD 232S - Turbo 8820ccm	66→ 150kw(203PS)		EX	V689	6 232 0 460 002 4	46x11x151,9	45 1						

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
MWM												
Eng. D 232A 11760ccm	66→ 149kw(202PS)	120 V-8	IN	V689	6 232 0 460 002 4	46x11x151,9	45	1				
Eng. TD 232A - Turbo 11760ccm	66→ 199kw(270PS)		EX	V689	6 232 0 460 002 4	46x11x151,9	45	1				
Eng. D 232 12 17640ccm	66→ 224kw(304PS)	V-12										
Eng. TD 232 12 - Turbo 17640ccm	66→ 299kw(406PS)											
Eng. TBD 234-6 10800ccm	83→ 300kw(408PS)	128 6	IN	V2099	6 234.0.460.006.4	58x10x162,9	60	1				
Eng. TBD 234-8 14400ccm	87→ 400kw(544PS)	8	EX	V2100	6 234.0.460.005.4	53x10x161,9	45	1				
Eng. TBD 234-12 21600ccm	87→ 600kw(816PS)	12										
Eng. TBD 234-16 28800ccm	87→ 800kw(1087PS)	16										
Eng. TBD 616 V8 17500ccm	480kw(653PS)	132 8	IN	V2101		47x9x152,7	60	3				
Eng. TBD 616 V12 26300ccm	720kw(979PS)	12	EX	V2102		43x9x152,7	60	3				
Eng. TBD 616 V16 35000ccm	960kw(1305PS)	16										
NISSAN												
March Micra 1.0 Eng. MA10S 998ccm	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	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

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
NISSAN											
Kubistar 1.2 Eng. D7F 722 1149ccm 03→ 44kw(60PS)	69	IN	V867	13201-00QAG 7701 469 266	32,8x6x106,8	60	1	VV248		6x11,08x45	B
		EX	V868	13202-00QAH 7701 469 269	29,9x6x106,7	45	1	VV248		6x11,08x45	B
Kubistar 1.2i 16V Eng. D4F – Renault 1149ccm 03→ 55kw(75PS)	69	IN	V1165	13201-00QAJ 7701 472 986	26x5,5x110,7	45	3	VV249	7700 109 151	5,5x11,08x40,6	B
		EX	V1166	13202-00QAK 7701 473 004	22x5,5x112,5	45	3	VV249	7700 109 151	5,5x11,08x40,6	B
Micra 1.0i 16V Eng. CG10DE DOHC 998ccm 92-00 40kw(54PS)	71	IN	V1201	13201-99B10	27,5x5,5x95,8	45	1	VV427	13212-41B60	5,5x9,52x42	G
		EX	V1202	13202-99B10	22,5x5,5x95,8	45	1	VV428		5,5x9,52x44	G
Micra 1.3i 16V Eng. CG13DE DOHC 1275ccm 92-00 55kw(75PS)	71	IN	V1201	13201-99B10	27,5x5,5x95,8	45	1	VV427	13212-41B60	5,5x9,52x42	G
		EX	V1202	13202-99B10	22,5x5,5x95,8	45	1	VV428		5,5x9,52x44	G
Micra 1.4i 16V Eng. CGA3DE DOHC 1348ccm 00-03 60kw(82PS)	72	IN	V1783	13201-1F700	27,5x5,5x97,8	45	1	VV427	13212-41B60	5,5x9,52x42	G
		EX	V1784	13202-1F700	22,5x5,5x97,9	45	1	VV428		5,5x9,52x44	G
Micra 1.0i 16V Eng. CR10DE 998ccm 03→ 48kw(65PS)	71	IN	V1783	13201-1F700	27,5x5,5x97,8	45	1	VV427	13212-41B60	5,5x9,52x42	G
		EX	V1784	13202-1F700	22,5x5,5x97,9	45	1	VV428		5,5x9,52x44	G
Micra 1.2i 16V Eng. CR12DE 1240ccm 03→ 59kw(80PS)	72	IN	V1783	13201-1F700	27,5x5,5x97,8	45	1	VV427	13212-41B60	5,5x9,52x42	G
		EX	V1784	13202-1F700	22,5x5,5x97,9	45	1	VV428		5,5x9,52x44	G
Micra 1.4i 16V Eng. CR14DE 1386ccm 00-03 65kw(88PS)	72	IN	V1783	13201-1F700	27,5x5,5x97,8	45	1	VV427	13212-41B60	5,5x9,52x42	G
		EX	V1784	13202-1F700	22,5x5,5x97,9	45	1	VV428		5,5x9,52x44	G

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
NISSAN												
Pixo 1.0 Eng. K10B 996ccm	11→	73 3	IN	V1923	13201-4A00A	27,5x5,5x87,5	45	1	VV498		5,5x10,6x34	G F
			EX	V1924	13202-4A00D	22,9x5,5x87,1	45	1	VV498		5,5x10,6x34	G F
Micra 1.4i Cabrio 16V Note 1.4i 16V Eng. CR14DE 1386ccm	05→	73	IN	V2105	13201-BC000	27,5x5,5x97,9	45	1	VV427 VV427.1	13212-41B60	5,5x9,52x42	G P
	06→		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	90→95	73,6 4	IN	V1917	13201-4M500	29x5,5x92,2	45	1	VV447 VV447.1	13212-53Y60	5,5x9,52x40	G P
	95→		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	93→	73,6 4	IN	V1199	13201-57Y00 (13201-2F000)	30x5,5x92,3	45	1	VV447 VV447.1	13212-53Y60	5,5x9,52x40	G P
	98→		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	91→93	76 4	IN	V1199	13201-57Y00 (13201-2F000)	30x5,5x92,3	45	1	VV447 VV447.1	13212-53Y60	5,5x9,52x40	G P
	94→		EX	V1200	13202-57Y00 (13202-2F000)	24x5,5x92,6	45	1	VV448 VV448.1		13213-53Y60	5,5x9,52x40 +0,20
Serena 1.6 16V Almera 1.6 16V Primera Wagon 1.6 16V Sunny 1.6i 16V Vanette 1.6i 16V Eng. GA16DE 1597ccm	92→99	73,6 4	IN	V1199	13201-57Y00 (13201-2F000)	30x5,5x92,3	45	1	VV447 VV447.1	13212-53Y60	5,5x9,52x40	G P
	95→		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	00→	73,6 4	IN	V1919	13201-BM500	29,1x5,5x92,3	45	1	VV447 VV447.1	13212-53Y60	5,5x9,52x40	G P
			EX	V1200	13202-57Y00	24x5,5x92,6	45	1	VV448 VV448.1		13213-53Y60	5,5x9,52x40 +0,20

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
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
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 4	IN	V1791	13201-ED000 13201-ED00A	31,1x5x101,7	45	1		VV483	13212-ED060	5x9,23x42,2	G F
				EX	V1792	13202-ED000 13202-ED00C	25,4x5x102,5	45	1		VV484	13213-ED060	5x9,23x42,2
Micra 1.6 16V Tida 1.6 16V Note 1.6 16V Qashqai 1.6 16V Juk 1.6 16V Eng. HR16DE 1598ccm	02→	78 4	IN	V1791	13201-ED00A 13201-ED00C 13201-ED000	31,1x5x101,7	45	1		VV483	13212-ED060	5x9,23x42,2	G F
				EX	V1792	13202-ED00C 13202-ED000 13202-ED00A	25,4x5x102,5	45	1		VV484	13213-ED060	5x9,23x42,2
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	5,5x11,08x40,6 +0,05 +0,20	B A
				EX	V1014	7701 471 379	28x5,5x107,6	45	1		VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20
Almera 1.8 16V Primera 1.8 16V Eng. QG18 DE 1769ccm 83kw(113PS)	00→	80 4	IN	V1199	13201-2F000 13201-57Y00	30x5,5x92,3	45	1		VV447 VV447.1	13212-53Y60	5,5x9,52x40 +0,20	G P
				EX	V1410	13202-9F600	25x5,5x92,6	45	1		VV448 VV448.1	13213-53Y60	5,5x9,52x40 +0,20

1	2	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
NISSAN													
Almera 1.8 16V Almera Tino 1.8 16V Primera 1.8 16V Eng. QG18DE 1769ccm	04→ 00-04 98→	80 4	IN	V1787	13201-AU300	30x5,5x94,3	45	1		VV447 VV447.1	13212-53Y60	5,5x9,52x40 +0,20	G P
			EX	V1788	13202-AU300	25x5,5x94,7	45	1		VV448 VV448.1	13213-53Y60	5,5x9,52x40 +0,20	G P6
Primastar 2.0i 16V Eng. F4R720 Eng. F4R722 1998ccm	03→	82,7 4	IN	V1983	13201-00QAE	33,4x5,5x110,1	45	1		VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
			EX	V982	13202-00QAE	28,9x5,5x108,9	45	1		VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
Sentra 2.0 16V X-Trail 2.0 16V Qashqai 2.0 16V Eng. MR20DE 1997ccm	07→ 08→ 07→	84 4	IN	V1793	13201-EN20A	33,9x5,5x106,3	45	1					
			EX	V1794	13202-EN200	27,7x5,5x105,2	45	1					
Almera Tino 2.0i 16V Primera, Sunny 2.0i Serena 2.0i 16V Eng. SR 20 DE / SR 20 Di 1998ccm	96→ 93→ 92→	86 4	IN	V1209	13201-70J00 13201-89J00	34x6x101,5	45	1		VV363 VV363.1	13212-53J60	6x10,03x43 +0,20	G P
			EX	V1210	13202-70J10	30x6x102,5	45	1		VV364 VV364.1	13213-44F60	6x10,03x43 +0,20	G P6
Almera 2.0i 16V Primera 2.0i 16V Sunny 2.0i 16V Eng. SR20DE 1998ccm	96→ 90→ 90→	86 4	IN	V1209	13201-89J00	34x6x101,5	45	1		VV363 VV363.1	13212-53J60	6x10,03x43 +0,20	G P
			EX	V1640	13202-89J00	30x6x102,4	45	1		VV364 VV364.1	13213-44F60	6x10,03x43 +0,20	G P6
Almera Tino 2.0 16V Primera 2.0 16V Eng. SR20DE P11 1998ccm	01→	86 4	IN	V1463	13201-2F200	34,1x6x98,4	45	1		VV363 VV363.1	13212-53J60	6x10,03x43 +0,20	G P
			EX	V1464	13202-2F210	30,1x6x99,3	45	1		VV364 VV364.1	13213-44F60	6x10,03x43 +0,20	G P6
Almera 2.0i 16V Primera 2.0i 16V X-Trail 2.0i 16V Eng. QR20DE 1998ccm	01→ 01→	86 4	IN	V1463	13201-2F200	34,1x6x98,4	45	1		VV429 VV429.1	13212-8P360	6x10,04x41,8 +0,18	G P
			EX	V1464	13202-2F210	30,1x6x99,3	45	1		VV430 VV430.1	13213-6N260	6x10,04x44 +0,18	G P6

1	2	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
NISSAN													
Maxima QX 2.0 1995ccm NEW	99→		V6	IN	V2345	13201-31V60	29,1x6x103,9	45	1				
				EX	V2346	13202-31V60	24,1x6x101,5	45	1				
X-Trail 2.0i 16V Eng. QR20DE 1998ccm	03→	86	4	IN	V1781	13201-BH300	35,6x6x97,2	45	1	VV429 VV429.1	13212-8P360	6x10,04x41,8 +0,18	G P
X-Trail 2.5i 16V Eng. QR25DE 2488ccm	03→			EX	V1782	13202-6N200	30,7x6x98,8	45	1	VV430 VV430.1	13213-6N260	6x10,04x44 +0,18	G P6
				IN	V2213		36,7x6x100,2	45	1				
NEW				EX	V2214		30,3x6x94,7	45	1				
Cherry, Gazelle 2000 Homy, Laurel 2000 Leopard, Silva 2000 Skyline, Sunny 2000 Eng. Z20 1952ccm	79→	85	4	IN	V1569	13201-N8501	42x8x124,4	45	5				
				EX	V1570	13202-N8500	38x8x125,4	45	5				
720 2.2 Pick up Eng. Z22 2188ccm	81→	87	4	IN	V1569	13201-N8501	42x8x124,4	45	5				
				EX	V1570	13202-N8500	38x8x125,4	45	5				
Cabstar 2.4 Pick up 2.4 Terrano 2.4 4x4 Pathfinder 2.4 4x4 Urvan 2.4 4x4 Eng. Z24 2388ccm	86→ 88-92 86→ 86→ 86→	89 4											
Patrol 4x4 4.8 Eng. TB48E 4800ccm	02→	6		IN	V1789	13201-VC200	38,5x7x100,2	45	1				
				EX	V1790	13202-VC200	33,3x7x98,3	45	1				

1	2	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
NISSAN DIESEL													
Micra 1.5DCi	03→	76	IN	V979	13201-BN700	33,4x6x101	45	3	VV319			6x11,07x40,5	B
Almera 1.5DCi	03→	4							VV319.1			+0,05	F
Note 1.5DCi									VV319N			+0,20	
Qashqai 1,5 DCi													
Kubistar 1.5DCi	03→		EX	V980	13202-BN700	28,9x6x100,8	45	3	VV319			6x11,07x40,5	B
Trida 1.5DCi									VV319.1			+0,05	F
Eng. K9K									VV319N			+0,20	
1461ccm	48/60kw(65/82PS)												
Santana 1.6 TD	84-87	76,5	IN	V541		34x8x104,8	45	3	VV76			8x13/12,06x36,5	B
Eng. CY		4		V541N		+0,3S			VV76.1			+0,05	G
1588ccm	51kw(70PS)			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							

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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
NISSAN DIESEL											
Micra 1.5D Eng. TUD5 OHC 1527ccm 42kw(57PS)	97→ 4	IN	V1089	13201-6F900	37x7x108,5 +0,5S	45	1	VV209	13212-6F900	7x13,07x40,2 +0,05 +0,20	B F
		EX	V1089N1					VV209.1 VV209.2			
Qashqai +2 1,6 DCi Eng. R9M 1598ccm	11→ 4	IN	V2103	13201-0370R	23,5x6x104,2	45	3	VV319		6x11,07x40,5 +0,05 +0,20	B F
		EX	V2104	13202-4894R	23,4x6x104,1	45	3	VV319		6x11,07x40,5 +0,05 +0,20	B F
Sunny Van 1.7D Langley, Liberta 1.7D Pulsar, Sunny 1.7D Sherry 1.7D Eng. CD17 1680ccm 40kw(55/61PS)	92→ 83→ 83→ 82→ 4	IN	V913	13201-16A00	36x7x100,9	45	8	VV257	13212-DO110	7x11,04x45 +0,05 +0,20	G P
		EX	V914	13202-16A00	31x7x100,9	45	8	VV258		VV258N VV258.1	7x11,04x48 +0,05 +0,20
Primera 1.9DCi Primastar V27-V29 1.9DCi 100 Interstar V28 1.9DCi Eng. F9Q 1870ccm 60/74kw(82/101PS)	03→ 05→ 01→ 4	IN	V951	13201-AW300 13201-00QAM	35,4x7x111	45	1	VV182	7700 859 086	7x12,06x38,3 +0,05	B F
		EX	V952	13202-AW300 13202-00QAN	32,6x7x110,8	45	1	VV182	7700 859 086	7x12,06x38,3 +0,05	B F
Primastar 1.9DCi V27-V29 80 1870ccm	04→ 4	IN	V1983	13201-00QAE	33,4x5,5x110,1	45	1	VV249	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
		EX	V982	13202-00QAE	28,9x5,5x108,9	45	1	VV249	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
Primastar 2.0DCi Qaushqai 2.0DCi X-Trai 2.0DCi Eng. M9R, M1D 1995ccm 110/127kw(150/173PS)	07→ 4	IN	V1797	13201-00Q0A	27,7x6x104	45	3	VV551		6x11,04x42,4	B F
		EX	V1798	13202-00Q0A	26x6x103,8	45	3	VV551		6x11,04x42,4	B F

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART N ^o
NISSAN DIESEL													
Almera 2.0D Primera 2.0DLX Sunny 2.0DL,DLX Eng. CD20 1974ccm	95-00	84,5	IN	V1187	13201-57J02	39x7x100,8	45	8	VV257	13212-D0110	7x11,04x45	G	
	91-96	4							VV257N		+0,05	P	
	90-95								VV257.1	+0,20			
	55kw(75PS)		IN	V853	13201-60J02	39x7x99,8	45	8	VV257	13212-D0110	7x11,04x45	G	
								VV257N	+0,05		P		
			EX	V1188	13202-57J02	32x7x100,6	45	8	VV258	13213-V5515	7x11,04x48	G	
								VV258N	+0,05		P6		
			EX	V854	13202-60J02	32x7x99,6	45	8	VV258	13213-V5515	7x11,04x48	G	
								VV258N	+0,05		P6		
									VV258.1	+0,20			
Almera 2.0 TD Primera 2.0 TD Eng. CD20T Turbo 1974ccm	96→	84,5	IN	V853	13201-60J02	39x7x99,8	45	8	VV257	13212-D0110	7x11,04x45	G	
	96→	4			13201-60J04				VV257N		+0,05	P	
	66kw(90PS)		EX	V854	13202-60J02	32x7x99,6	45	8	VV257	13212-D0110	7x11,04x45	G	
								VV257N	+0,05		P		
									VV257.1	+0,20			
Serena 2.3D Vanette 2.3D Trade 75D 2.3D Cabstar 75D-28 2.3D Eng.LD23 2283ccm	98→	84,5	IN	V1465	13201-9C600	41,5x8x118	53	5	VV365	13212-9C641	8x12,04x59	G	
	01→	4							VV365.1		+0,20	A6	
	98-01			EX	V1466	13202-9C601	33,1x8x117,6	45	5	VV365	13212-9C641	8x12,04x59	G
	98-01								VV365.1	+0,20		A6	
55kw(75PS)													
Bluebird 2.0D Vanette 2.0D Trade 2.0D Eng. LD20II 1952ccm	86→	85	IN	V1589	13201-D9702	39,3x8x118,2	45	5					
	86→	4											
	87→		EX	V1590	13202-D9702	32,1x8x118,1	45	5					
49kw(67PS)													
Patrol 2.8 TD 12V Eng. RD28T Turbo 2826ccm	88-89	85	IN	V947	13201-22301	39x7x102,8	45	8	VV305		7x11,04x45	G	
		6											P
			EX	V948	13202-V7202	32x7x102,6	45	8	VV306		7x11,04x45	G	
												P	

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
NISSAN DIESEL													
Infinity Eng. VH 45 DE 4500ccm	90→ 94→	8	IN	V1921	13201-67U00	38x7x102	45	1					
			EX	V1922	13202-67U00	33x8x102,4	45	1					
Patrol 2.8 TD 12V Cedric 2.8 TD 12V Eng. RD28T Turbo 2826ccm	89→ 92→	85 6	IN	V949	13201-22J11	39x7x101,8	45	8		VV305		7x11,04x45	G P
85kw(115PS)			EX	V950	13202-40L01	32x7x101,6	45	8		VV306		7x11,04x45	G P
Patrol 2.8 TDi 12V Eng. RD28Ti Turbo 2826ccm	97→	85 6	IN	V1241	13201-0Y000	39,1x7x101,7	45	8		VV305		7x11,04x45	G P
95kw(129PS)			EX	V1242	13202-4P400	32,1x7x101,6	45	8		VV306		7x11,04x45	G P
Primera 2.2DCi 16V Almera Tino 2.2DCi 16V X-Trail 2.2DCi 16V Eng. YD22DDT/ETI 2184ccm	01→ 00→ 01→	85 4	IN	V1643	13201-AD210	28,2x6x106,7	45	1		VV495 VV495N VV495.1	13212-AD260	6x10,03x59,7 +0,05 +0,20	G P
81-100kw(110-136PS)			EX	V1644	13202-AD200	26,2x6x106,4	45	1		VV496 VV496N VV496.1	13213-AD260	6x10,03x44,2 +0,05 +0,20	G P
Navara 2.5DCi 16V Pothfinder 2.5DCi 16V Eng. Y25DDTI 2488ccm	05→ 05→												
Infinity 3.0D 24V 300 ZX 3.0D 24V Eng. VG30DE 2998ccm		87 V6	IN	V1253	13201-F6511	34,1x6x103,2	45	1					
136/147kw(185/200PS)			EX	V1254	13202-F6511	29,6x6x103,7	45	1					
Interstar 2.2DCi 16V Eng. G9TC7 2463ccm	00→	87 4	IN	V1279	13201-00QAD	30,7x6x123,1	45	3		VV301 VV301N2 VV301N VV301N1		6x11,04x50 +0,05 +0,15 +0,20	B F
Primestar 2.5DCi 16V V27.V29 - 135 Eng. G9TA7 2463ccm	04→	89 4	EX	V1280	13202-00QAD	29,5x6x123,1	45	3		VV301 VV301N2 VV301N VV301N1		6x11,04x50 +0,05 +0,15 +0,20	B F

1	2	3	4	5	6	7	8	9	10	11	12
NISSAN DIESEL											
Interstar 2.5DCi 16V 02→ Primestar 2.5DCi 16V 03→ V27, V33, V35 Eng. G9U.A7 2463ccm 73/84/99kw(99/114/135PS)	89	IN	V1279	13201-00QAD	30,7x6x123,1	45	3	VV301		6x11,04x50	B
	4							VV301N2		+0,05	F
								VV301N		+0,15	
								VV301N1		+0,20	
		EX	V1280	13202-00QAD	29,5x6x123,1	45	3	VV301		6x11,04x50	B
								VV301N2		+0,05	F
								VV301N		+0,15	
								VV301N1		+0,20	
Murano 2.5 Dci 11→ Eng. YD25 2488ccm	89	IN	V2109	13201-1AT0A	28,5x6x106	45	1				
	4										
		EX	V2110	13202-1AT0A	25,9x6x105,5	45	1				
Patrol GR 3.0Di 01→ Interstar V35 3.0DCi 04→ Terrano 3.0DTi 16V 02→ Eng. ZD30DTi 2953ccm 113/116/118kw	96	IN	V1467	13201-2W200	32x7x113,4	45	1	VV466		7x11,04x45	G
	4			13201-00QAL				VV466N		+0,05	P6
		EX	V1468	13202-2W200	30x7x113,4	45	1	VV466		7x11,04x45	G
				13202-00QAM				VV466N		+0,05	P6
Terano 2.7D 87→ Pick Up 2.7D 87→ King Cab 2.7D 87→ Bus/Van 2.7D 87→ Eng. TD27 2663ccm 62/73kW(85/99PS)	96	IN	V1343	13201-43G01	43,5x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
	4							VV395N		+0,05	A36
		IN	V1367	13201-G2403	43,5x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
								VV395N		+0,05	A36
Terano/Teranoll 2.7TD 89→ Cabstar 90-32 2.7TD 89→ Cabstar 100-35 2.7TD 89→ Trade 100 2.7TD 89→ Eng. TD27T Euro 2 2663ccm 68/73/78/81kW		EX	V1344	13202-31N01	38x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
								VV395N		+0,05	A36
		EX	V1368	13202-G2403	38x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
								VV395N		+0,05	A36
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)											

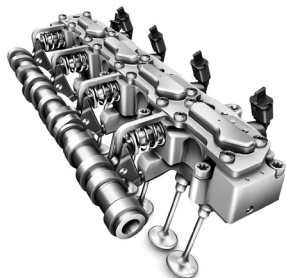
1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
NISSAN DIESEL												
Patrol 4.2D/TD	88→	96	IN	V1343	13201-43G01	43,5x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
Patrol Wagon 4.2D/TD	92→	6							VV395N		+0,05	A36
Pathfinder 4.2D/TD	97→											
Safari 4.2D/TD	87→		IN	V1367	13201-G2403	43,5x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
Eng. TD42/TD42T									VV395N		+0,05	A36
4169ccm	92kW(125PS)		EX	V1344	13202-31N01	38x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
									VV395N		+0,05	A36
			EX	V1368	13202-G2403	38x8x117	45	1	VV395	13212-54T00	8x12,04x47	G
									VV395N		+0,05	A36
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											
OM „see” IVECO												
OPEL												
Corsa 1.0S	82→	72	IN	V893	642 675	32x7x98,9	46	1	VV119	90 108 699	7x11,03x45,5	G
Kadett 1.0D	80-84	4		V893.1		+0,075d			VV119N		+0,05	A1
Eng. 10S				V893.2		+0,15d						
993ccm	33kw(45PS)			V893N		+0,20d						
			EX	V894	642 837	27x7x99,5	46	1	VV119	90 108 699	7x11,03x45,5	G
				V894.1		+0,075d			VV119N		+0,05	A1
				V894.2		+0,15d						
				V894N		+0,20d						

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
OPEL												
Corsa L/S/TR 1.0 993ccm Kadett C 1.0 Kadett D 1.0 Eng. 10S 993ccm	82→	72	IN	V775	642 188	32x7x99,3	46	8	VV119	90 108 699	7x11,03x45,5	G
	33kw(45PS)	4		V775.1		+0,075d			VV119N		+0,05	A1
	73→			V775.2		+0,15d						
Eng. 10S 993ccm 30/37kw(40/50PS)	79→		EX	V775N		+0,20d						
				V776	642 814	27x7x101,1	46	8	VV119	90 108 699	7x11,03x45,5	G
				V776.1		+0,075d			VV119N		+0,05	A1
Agila 1.0 12V Eng. K10B 996ccm Agila 1.2 16V Eng. K12B 1242ccm	07→	73	IN	V1923	4708925	27,5x5,5x87,5	45	1	VV498	4709231	5,5x10,6x34	G
		3			9319374							F
			EX	V1924	4708933	22,9x5,5x87,1	45	1	VV498	4709231	5,5x10,6x34	G
Agila 1.2 16V Eng. K12B WT 1242ccm		4			93193762							F
	10→	73	IN	V2111	12911-69L00-000	27,5x5x87,5	45	1				
		4	EX	V2112	12915-69L00-000	22,9x5x87,1	45	1				
Astra 1.4 16V Adone 1.4 16V Eng. A14XER 1398ccm	11→	73,4	IN	V883	90529527	28x5x93,8	45	3	VV223	91 58 589	5x10,04x39	G
	12→	4							VV223.1		+0,03	F
			EX	V884	90529529	25x5x93,8	45	3	VV223	91 58 589	5x10,04x39	G
Kadett C/Coupe/Caravan 1.1 1078ccm Kadett Rally/GT 1.1 1078ccm Ascona L/Berlina 1.2 Corsa 1.2 Kadett C/City/Caravan 1.2 Manta L/CC 1.2 Eng. 12N/S 1196ccm	65-73	75	IN	V775	642 188	32x7x99,3	46	8	VV119	90 108 699	7x11,03x45,5	G
	33/41kw(45/55PS)	4		V775.1		+0,075d			VV119N		+0,05	A1
	68→			V775.2		+0,15d						
44kw(60PS) 73→ 82→ 73→ 72→		79	EX	V775N		+0,20d						
				V776	642 814	27x7x101,1	46	8	VV119	90 108 699	7x11,03x45,5	G
				V776.1		+0,075d			VV119N		+0,05	A1
39/44kw(53/60PS)				V776.2		+0,15d						
				V776N		+0,20d						

1	2	3	4	5	6	7	8	9	10	11	12
OPEL											
Corsa A/B, Swing 1.2 Combo 1.2 Eng. 12NZ, C12NZ, X12SZ 1195ccm	90-00	72	IN	V380 641 002 903 23 519	33x7x105	45	1	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1
	93-01	4	EX								
Corsa 1.4S Kadett 1.4i Astra 1.4i Vectra 1.4i Combo 1.4i Eng. 14NV, C14NZ, X14NZ 1389ccm	89-→	77,6	EX	V381 641 302 903 23 524	29x7x105	45	1	VV119 VV119N	90 108 699	7x11,03x45,5 +0,05	G A1
	33kw(45PS)	4									
	89-91	4									
	91-→										
	88-→										
	93-→										
Corsa 1.0 12V Eng. X10XE 973ccm	97-→	72,5	IN	V883 641 045 641 051 9158477	28x5x93,8	45	3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
40kw(54PS)	3	EX	V884 641 364 641 354 9158474								
Corsa, Agila 1.0 12V Eng. Z10XE 973ccm	00-→		EX	V884 641 364 641 354 9158474	25x5x93,8	45	3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
43kw(58PS)											
Corsa, Astra 1.2 16V Eng. X12XE 1199ccm	97-→	72,5	4	V884 641 364 641 354 9158474	25x5x93,8	45	3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
48kw(65PS)											
Corsa, Astra, Agila 1.2 16V Eng. Z12XE 1199ccm	01-→			V884 641 364 641 354 9158474	25x5x93,8	45	3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
55kw(75PS)											
Astra, Corsa 1.4i 16V Meriva, Tigra 1.4i 16V Combo 1.4i 16V Eng. Z 14XEP/XEL 1364ccm	03-→	73,4	4	V884 641 364 641 354 9158474	25x5x93,8	45	3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
59/66kw(80/90PS)	04-→										
	04-→										

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
OPEL												
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	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		6x10,04x45 +0,03 6x10,04x45 +0,03 6x10,04x35 +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	IN EX									

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
OPEL													
Corsa B 1.6i 16V	93→	79		IN	V639	641 034	31x6x103,1	45	3	VV163		6x10,04x45	G
Tigra 1.6i 16V	93→	4				90412912				VV163.1		+0,03	F
Eng. X 16XE-DOHC													
Astra 1.6i 16V	94→			EX	V640	641 340	27,5x6x102,2	45	3	VV163		6x10,04x45	G
Vektra 1.6i 16V	96→					90412974				VV163.1		+0,03	F
Zafira 1.6i 16V	99→												
Eng. X 16XEL-DOHC										VV287		6x10,04x35	G
1598ccm			74/78kw(101/106PS)							VV287.1		+0,03	F
Vectra B 1.6i 16V	96→												
Zafira 1.6i 16V	99→												
Eng. X 16XEL													
Astra 1.6i 16V	00→												
Zafira 1.6i 16V	99→												
Vectra 1.6i 16V	99→												
Meriva 1.6i 16V	03→												
Eng. Z 16XE, Z16XEP													
1598ccm			74kw(101PS)										
Kadet D/L Berlina 1.2	79→	79		IN	V775	642 188	32x7x99,3	46	8	VV119	90 108 699	7x11,03x45,5	G
Eng. 12S		4			V775.1		+0,075d			VV119N		+0,05	A1
1196ccm			44kw(60PS)		V775.2		+0,15d						
					V775N		+0,20d						
				EX	V838	642 898	29x7x101,5	46	8	VV119	90 108 699	7x11,03x45,5	G
					V838.1		+0,075d			VV119N		+0,05	A1
					V838.2		+0,15d						
					V838N		+0,20d						
Corsa 1.2	82→	79		IN	V893	642 675	32x7x98,9	46	1	VV119	90 108 699	7x11,03x45,5	G
Eng. 12N/12NC/E12GV		4				90265074				VV119N		+0,05	A1
1196ccm			33kw(45PS)		V893.1		+0,075d						
					V893.2		+0,15d						
					V893N		+0,20d						
Kadett 1.2D	80-84												
Eng. 12N/12S-OHV													
Kadett 1.2E	85→			EX	V1038	642 924	29x7x99,4	46	1	VV119	90 108 699	7x11,03x45,5	G
Eng. 12S/12SC-OHV						90265039				VV119N		+0,05	A1
1196ccm			40kw(55PS)		V1038.1		+0,075d						
					V1038.2		+0,15d						
					V1038N		+0,20d						

1	2	3	4	5	6	7	8	9	10	11	12
OPEL											
	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
Combo 1.6 01→ Meriva 1.6 03→ Corsa A 1.6 87→ KadettE 1.6 85→ Ascona C 1.6 86→ Vectra A 1.6 C/E 88→ Astra F 1.6 91→ Calibra 1.6 92→ Eng. 16SV/C16LZ/C16NZ E16NZ/E16SE 1598ccm 55/75kw(75/100PS)	79	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 04→ Meriva 1.6 16V Turbo 05→ Eng. Z 16LET Corsa 1.6 16V Turbo 07→ Insignia 1.6 16V 08→ Zafira 1.6 16V 08→ Astra 1.6 16V 12→ Mokka 1.6 16V 12→ Eng. Z 16 LER, A 16 XER 1598ccm	79	IN	V1611	641 076	31,2x5x113,9	45	3	VV390 VV390N VV390.1	642 014 642 015	5x10,04x37 +0,05 +0,21	G F
Astra G 1.6i 16V 00→ Meriva 1.6i 16V 03→ Vectra B/C 1.6i 16V 00→ Zafira 1.6i 16V 99→ Eng. Z 16XE, Z 16XEP 1598ccm 74/76kw(100/104PS)	79	IN	V1429	642 078 642 011	31,2x5x117,2	45	3	VV223 VV223.1	91 58 589	5x10,04x39 +0,03	G F
Insignia 1.6i 16V 08→ Eng. A 16XER, A 16LET Insignia 1.6i 16V 09→ Eng. Z 16XER, Z 16XEP GPL ENGINE 1598ccm	79	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

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
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 20XEV4												
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/LER/LET												
1998ccm	125/141/147/177kw											

1	2	3	4	5	6	7	8	9	10	11	12
OPEL											
Frontera 2.2i 16V 95→ Sintra 2.2i 16V 96→ Eng. X 22XE 2198ccm 100/104kw(136/141PS)	86	IN	V511	641 022	32x6x102,1	45	3	VV163 VV163.1		6x10,04x45 +0,03	G F
Frontera 2.2 16V 99→ Eng. X 22SE/Y 22SE 2198ccm 100kw(136PS)								VV552 VV287 VV287.1	BRONZE VERSION	6x10,04x45 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)	86	EX	V512	641 325 641 331	29x6x92,2	45	3	VV163 VV163.1		6x10,04x45 +0,03	G F
	V-6							VV552 VV287 VV287.1	BRONZE VERSION	6x10,04x45 6x10,04x35 +0,03	B F G F
Vivaro 2.0 16V 01→ Eng. F4R.730 1998ccm 88/103kw(120/140PS)	82,7	IN	V1983	44 11 048 93 16 0645	33,4x5,5x110,1	45	1	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
	4	EX	V982	44 11 049 93 16 0646	28,9x5,5x108,9	45	1	VV249 VV249.1 VV249.2	7700 109 151	5,5x11,08x40,6 +0,05 +0,20	B A
Ascona, Rekord 1.8N 82→ Eng. 18N 1795ccm 55/66kw(75/90PS)	84,8	IN	V975	642 643 90106802	38x8x106,1	45	1	VV144		8x12,01x43	G A1
Ascona, Rekord 1.8S 82→ Eng. 18S 1795ccm 70kw(95PS)	4	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	IN	V995	642 647 90136614	41x8x106,1	46	1	VV144		8x12,01x43	G A1
	4	EX	V996	642 793 90136621	35x8x106,1	46	1	VV144		8x12,01x43	G A1

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
OPEL												
Ascona, Kadett 1.8 Omega 1.8N/S Eng. 18NV/S18NV/18SV Omega 1.8i Eng. 18SEH/E18NVR 1796ccm 65/85kw(90/115PS)	86→ 87→ 87→	84,8 4	IN	V641	642 667 902 20 119	41,8x7x103,8	45	1	VV119 VV119N VV555	90 108 699 BRONZE VERSION	7x11,03x45,5 +0,05 7x11,03x45,5	G A1 B A1
Vectra 1.8 Eng. 18NVR Astra 1.8i Eng. C 18NE 1798ccm 66kw(90PS)	89→ 91→		EX	V642	642 829 641 306 903 23 757	36,5x7x103,6	45	1	VV119 VV119N VV555	90 108 699 BRONZE VERSION	7x11,03x45,5 +0,05 7x11,03x45,5	G A1 B A1
Kadett 1.8i Ascona 1.8i Manta S 1.8i Eng. 18SE 1796ccm 66kw(90PS)	86→ 86→ 87→											
Ascona 2.0i Kadett 2.0i GSi/Cabriolet Omega 2.0i Eng. 20SE/C20SE Astra, Frontera 2.0i Calibra 2.0i Eng. 20SEH/20NE/C20HE 1998ccm 85kw(115PS)	86→ 86→ 87→	86 4	IN									
Vectra 2.0 Eng. 20NE/C20NE/20SEH 1998ccm 85kw(115PS)	88→											
Calibra 2.0i 16V Kadett GSi 2.0i 16V Vectra 2.0i 16V Astra 2.0i 16V Eng. 20XE/C20XE/ET DOHC 1998ccm 110/115kw(150/156PS)	89→ 88→ 89→ 91→	86 4	IN	V835	642 758 90322694	33x7x105	45	3	VV207 VV207N		7x13,04x41 +0,05	G F1
			EX	V836	642 858 90322697	29x7x105	45	3	VV207 VV207N		7x13,04x41 +0,05	G F1

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
OPEL												
Vectra 2.0i 16V Turbo	92→	86	IN	V835	642 758	33x7x105	45	3	VV207		7x13,04x41	G
Astra 2.0i 16V Turbo	91→	4			90322694				VV207N		+0,05	F1
Calibra 2.0 4x4 16V Turbo	90→											
Eng. 20XE/C20XE/C20LE D.O.H.C.			EX	V836	642 858	29x7x105	45	3	VV207		7x13,04x41	G
1998ccm	110kw(150PS)				90322697				VV207N		+0,05	F1
Signum 2.0i Turbo 16V	03→	86	IN	V1069	641 063	35,1x6x102,3	45	3	VV461	9006082	6x10,04x36	G
Vectra 2.0i Turbo 16V	03→	4			641 056				VV461N		+0,05	A
Eng. Z20 NET			EX	V1070	641 376	30,1x6x100,9	45	3	VV461	9006082	6x10,04x36	G
1998ccm	129kw(175PS)				641 373				VV461N		+0,05	A
Astra G/H 2.2i 16V	02→											
Signum 2.2i 16V	03→											
Sintra 2.2i 16V	96-99											
Vectra C 2.2i 16V	01→											
Zafira 2.2i 16V	00→											
Eng. Z22 SE, Z22 YH												
2198ccm	108/110/114kw											
Insignia 2.0 16V Turbo	08→	86	IN	V2115	55565261	27,7x5x114,4	45	3	VV556	641463	5x10,02x46,8	G
Eng. A20NHT		4			641464					5520422		A
1998ccm			EX	V2116	641465	24,3x5x114,4	45	3	VV556	641463	5x10,02x46,8	G
					55565262					5520422		A
Monza 2.5i 12V	82-87	87	IN	V609	642 750	42x9x123	46	1	VV251		9x12,76x60,9	G
Senator 2.5i 12V	82-87	6		V609.1		+0,075d						A
2490ccm				V609.2		+0,15d						
				V609N		+0,20d						
Ascona 1.9 B/L/SR	75→	93										
Kadett E 1.9	75→	4	EX	V245	642 873	37x9x123,7	46	11	VV252		9x14,3/12,76x67	G
Manta B/E 1.9	75→			V245.1		+0,075d						B
Eng. 19E				V245.2		+0,15d						
1897ccm	66kw(90PS)			V245N		+0,20d						
Kadett 2.0 E/GT	77→	95										
Eng. 20E		4										
1979ccm	81/85kw(110/115PS)											

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

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 EX	V881 V882	642 754 642 663 642 928 642 826	45x9x122,5 40x9x123,7	46 1 46 1	VV251 VV252		9x12,76x60,9 9x14,3/12,76x67	G A G B
Omega 3.0i Senator 3.0i Eng. 30NE/C30NE 2969ccm	88→ 88→ 130kw(177PS)	95 6	IN								
Omega 3.0i 24V Senator 3.0i 24V Eng. C30SE 2969ccm	90→ 90→ 150kw(204PS)	95 6 EX	IN EX	V1291 V1292	641 008 641 310	37,4x7x89,3 30,4x7x96,1	45 3 45 3				
Lotus Omega 3.6 24V Turbo Eng. C36GET Turbo 3638ccm	90→ 277/kw(377PS)	95,3 6	IN								
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 EX	V1413 V1414	641 072 641 071	21,7x6x109,2 21,7x6x109,2	45 3 45 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
Astra 1.3 CDTi Meriva 1.3 CDTi Eng. A13DTE Euro 5 1248ccm	09→ 10→	69,6 4 EX	IN EX	V1873 V1874		22,45x6x109,2 22,5x6x109,2	45 3 45 3	VV391 VV391.1 VV391.2 VV391 VV391.1 VV391.2		6x10,03x43,2 +0,03 +0,23 6x10,03x43,2 +0,03 +0,23	G F3 G F3

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 1.3CDiil 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	IN	V1413	641 072 93186090 641 077	21,7x6x109,2	45	3	VV391 VV391.1 VV391.2	642 065 642 066	6x10,03x43,2 +0,03 +0,23	G F3
Kadett 1.5D 87→ Corsa 1.5D Swing 87→ Eng. 4EC1, X15D 1488ccm 37kw(50PS)	76	IN	V671	641 007 641 004 94370173	34,6x7x104,1	45	1	VV196 VV196.1 VV196N VV196N1	642 005	7x11,55x43 +0,05 +0,10 +0,15	G P1
Corsa 1.5TD Swing 88→ Kadett 1.5TD 88→ Eng. 4EC1-Turbo, X15DT 1488ccm 49kw(67PS)		EX	V672	641 300 641 322 97037591	30,6x7x104	45	1	VV196 VV196.1 VV196N VV196N1	642 005	7x11,55x43 +0,05 +0,10 +0,15	G P1
Astra, Vectra A 1.7TD 92→ Vectra B 1.7TD 96→ Eng. TC4EE1 Turbo, X17DT 1685ccm 60kw(82PS)	79										
Corsa B 1.7D 93→ Combo 1.7D 94→ Eng. 4EEI, X17D 1686ccm 44kw(60PS)											
Corsa 1.7 Di 16V 00→ Eng. Y 17D 1686ccm 48kw(65PS)	79	IN	V977	641 025 971 85 860	27,4x6x98,5	45	1	VV231 VV231N		6x11,05x42 +0,05	G F
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)		EX	V978	641 369 971 85 352	26,5x6x98,1	45	1	VV231 VV231N		6x11,05x42 +0,05	G F
Astra 1.7CDTi 16V 04→ Eng. 17DTL/17CDTi 1686ccm 59kw(80PS)											

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
OPEL DIESEL												
Meriva 1.7 CDTi	06→	79	IN	V2041	641 085	27,4x6x102,6	45	1	VV231		6x11,05x42	G
Corsa 1.7 CDTi	06→	4							VV231N		+0,05	F
Astra 1.7 CDTi	07→											
Eng. A 17 DTR			EX	V2042	641 086	25,45x6x102,4	45	1	VV231		6x11,05x42	G
Eng. Z 17 DTR									VV231N		+0,05	F
1686ccm												
Astra 1.6D	82→	80	IN	V695	642 651	36x8x123,2	46	1	VV120		8x12,01x50,1	G
Ascona 1.6D	82→	4			90169309				VV120.1		+0,05	A1
Kadett 1.6D	82→			V695N		+0,3S			VV120N		+0,20	
Combo 1.6D	00→			V695N1		+0,2d						
Eng. 16D/16DA OHC				V695N2		+0,5S						
1598ccm				V695N3		+1,0S						
40kw(54PS)												
Kadett 1.7D	89→	82,5	EX	V696	641 353	32x8x123,2	46	1	VV120		8x12,01x50,1	G
Vectra 1.7D	89→	4			642 818				VV120.1		+0,05	A1
Astra 1.7D	91→				90499097				VV120N		+0,20	
Combo 1.7D	94→			V696N		+0,3S						
Eng. 17D/17DR				V696N1		+0,2d						
1700ccm				V696N2		+0,5S						
42kw(57PS)				V696N3		+1,0S						
Astra, Vectra 1.7TD	93→											
Eng. X17DTL Turbo												
1699ccm												
50kw(68PS)												

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
OPEL DIESEL												
Arena 1.9 D Eng. F8Q 600	01→	80	IN	V837		35,2x8x111,6	45	1	VV146 VV146.1 VV146.2		8x13,06x39 +0,05 +0,20	B F
Arena 1.9 D Eng. F8Q 606 1870ccm	98-01											
Vivaro 1.9 DTI Eng. F9Q 760 1870ccm	01→		IN	V885	44/48kw(60/65PS)	35x8x110	45	1	VV146 VV146.1 VV146.2		8x13,06x39 +0,05 +0,20	B F
Vivaro 1.9 DI Eng. F9Q 762 1870ccm	01→		IN	V855 V855N3	74kw(101PS)	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	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	99→		EX	V856 V856N3	60kw(82PS)	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	02→											
Vivaro 1.9DTI Movano 1.9DTI Eng. F9Q 760/770 1870ccm	01→ 99→	80 4	IN	V951		35,4x7x111	45	1	VV182 VV182.1	7700 859 086	7x12,06x38,3 +0,05	B F
			EX	V952		32,6x7x110,8	45	1	VV182 VV182.1	7700 859 086	7x12,06x38,3 +0,05	B F

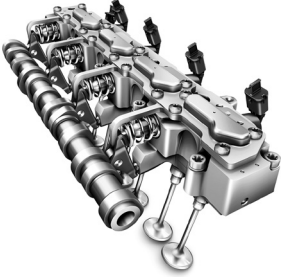
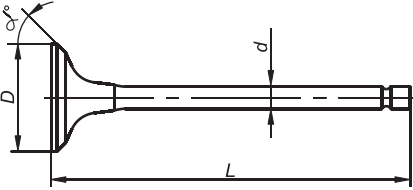
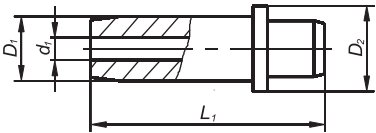
1	2	3	4	5	6	7	8	9	10	11	12
OPEL DIESEL											
Vivaro 1.9 Di 16V 2500-2700-2900 1870ccm	04→	80	IN	V1279 4506083	30,7x6x123,1	45	3	VV301 VV301N2 VV301N VV301N1		6x11,04x50	B
		4									
Movano 2.2 TDi 16V Eng. G97.C7 2187ccm	00→	87	EX	V1280 4506084	29,5x6x123,1	45	3	VV301 VV301N2 VV301N VV301N1		6x11,04x50	B
		4									
Movano 2.5 DTi 16V 2800-3300-3500 Vivaro 2.5 DTi 16V 2500-2700-2900 Eng. G9U.A7 2463ccm	01→	84/99kw(114/135PS)									
	03→										
Frontera 2.5TD Omega 2.5TD Eng. M 51D25/X25DT Turbo 2497ccm	96-98	80	IN	V939 641 041 90511366	35,9x6x103,7	45	3	VV162 VV162.1 VV162.2	11121 244 464	6x12,56x39,5	B
	93→	6									
			EX	V940 641 346 90511374	30,9x6x103,5	45	3	VV162 VV162.1 VV162.2	11121 244 464	6x12,56x39,5	B
Vectra C 1.9CDTi Zafira B 1.9CDTi Eng. Z19 DT 1910ccm	04→	82	IN	V1033	35,5x8x115	45	3	VV260 VV260.1 VV260.2 VV260.3 VV260.4		8x14,04x43	G
		4									
			EX	V1034	34,5x8x115	45	3	VV260 VV260.1 VV260.2 VV260.3 VV260.4		8x14,04x43	G

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
OPEL DIESEL													
Astra H 1.9CDTi 16V	04→	82		IN	V1595*	55565261	27,9x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
Signum 1.9CDTi 16V	04→	4				641 404				VV437.1	55210015	+0,03	A
Vectra C 1.9CDTi 16V	04→					641 464				VV437.2	55210017	+0,23	
Zafira B 1.9CDTi 16V	05→				* Retainer	s.e. 4,9 mm							
Eng. Z19 DTH													
1910ccm	110kw(150PS)			IN	V1415	641 075	27,8x6x114,4	45	3	VV459		6x11,04x47	G
						641 073				VV459.1	642 019	+0,03	F
						93178587				VV459.2		+0,23	
Astra H 1.9CDTi	04→												
Signum 1.9CDTi	05→					641 074							
Vectra C 1.9CDTi	06→					93185523							
Zafira B 1.9CDTi	05→												
Eng. Z19 DTL													
1910ccm	74kw(100PS)			EX	V1596*	641 403	24,5x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
						641 465				VV437.1	55210015	+0,03	A
						55565262				VV437.2	55210017	+0,23	
Astra H 1.9CDTi 16V	04→				* Retainer	s.e. 5,9 mm							
Eng. Z19 DTJ													
1910ccm	88kw(120PS)			EX	V1416	641 385	25,8x6x114,4	45	3	VV459		6x11,04x47	G
						93178588				VV459.1	642 019	+0,03	F
						641 386				VV459.2		+0,23	
Antara 2.0CDTi 16V	06→	83		IN	V1625	4805321	28,6x6x95,7	45	3	VV163		6x10,04x45	G
Eng. Z20DM / Z20DMT		4								VV163.1		+0,03	F
Insignia 2.0CDTi 16V	08→												
Eng. A20DTC / A20DTJ				EX	V1626	4805322	24,4x6x95,7	45	3	VV163		6x10,04x45	G
A20DTH / A20DTR										VV163.1		+0,03	F
1991/1956ccm	93/110kw(127/150PS)												
Insignia 2.0 CDTi 16V	08→	83		IN	V1595*	55565261	27,9x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
Eng. A20 DTC		4				641 404				VV437.1	55210015	+0,03	A
1956ccm	81kw(110PS)					641 464				VV437.2	55210017	+0,23	
					* Retainer	s.e. 4,9 mm							
Insignia 2.0 CDTi 16V	09→												
Eng. A20 DTJ				EX	V1596*	641 403	24,5x5x114,4	45	3	VV437	55210016	5x10,04x46,7	G
1956ccm	96kw(131PS)					641 465				VV437.1	55210015	+0,03	A
						55565262				VV437.2	55210017	+0,23	
Astra J 2.0 CTi 16V	09→				* Retainer	s.e. 5,9 mm							
Insignia 2.0 CDTi 16V	08→												
Eng. A20 DTH													
1956ccm	118kw(160PS)												

1	2	3	4	5	6	7	8	9	10	11	12
OPEL DIESEL											
Vivaro 2.0 DCi 06→ Eng. M9R 1995ccm	84 4	IN	V1797	4431242	27,7x6x104	45	3	VV551		6x11,04x42,4	B F
		EX	V1798	4431241	26x6x103,8	45	3				
Vectra, Omega 2.0DTi 16V 97→ Sintra, Astra, Zafira 2.0DTi 16V 97→ Signum 2.0DTi 16V 00→ Eng. X20 DTH/DTL Turbo Eng. Y20 DTH/DTM Turbo 1995ccm 60/74kw(82/101PS)	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				
Astra 2.2TDi 16V 02→ Frontera 2.2TDi 16V 95→ Omega 2.2TDi 16V 00→ Signum 2.2TDi 16V 03→ Sintra 2.2TDi 16V 97→ Vectra 2.2TDi 16V 00→ Zafira 2.2TDi 16V 02→ Eng. Y22 DTH/DTR, X22 DTH 2171ccm 85/88kw(116/120PS)											
Movano 2.3 CDTi 16V 11→ Eng. M9T 2299ccm	85 4	IN	V2119	4420439 93168105 13201-2274R	27,7x6x103,9	45	3	VV551		6x11,04x42,4	B F
		EX	V1798	7701476595 4431241 93161681	26x6x103,8	45	3				
Antara 2.2 CDTi 10→ Eng. A22DM-A22DMH 2231ccm	86 4	IN	V2043	4802219	28,8x5x101,9	45	3				
		EX	V2044	4802220	26,4x5x101,9	45	3				

1	2	3	4	5	6	7	8	9	10	11	12
OPEL DIESEL											
Ascona, Manta 2.0D Rekord 2.0D Eng. 20D 1998ccm	82→ 82→ 43kw(58PS)	86,5 4	IN	V643 V643.1 V643.2 V643N V643N1	642 759 90027622	42x8x127,2 +0,075d +0,15d +0,20d +0,40d	45 1				
Rekord 2.3D/Caravan Eng. 23D Omega 2.3D Eng. 23YD 2260ccm	82→ 86→ 54kw(73PS)	92 4	EX	V644 V644.1 V644.2 V644N V644N1	642 882 642 868 90027627	34,5x8x127,2 +0,075d +0,15d +0,20d +0,40d	45 1				
Signum 3.0CDTi 24V Vectra 3.0CDTi 24V Eng. Y30DT 2958ccm	03→ 02→ 130kw(177PS)	87,5 V6	IN	V1779 V1780	641 067 641 384	27,5x6x98,5 26,5x6x98,1	45 1 45 1	VV482	642 060	6x11,05x42	G P
Vectra DTI V6 24V Signum DTI V6 24V Eng. Z30DT 2958ccm	05→	87,5 V6	IN	V2121 V2122	641 084 97353102 641 397 97353104	30x6x98,4 28x6x97,9	45 1 45 1	VV482	642 060	6x11,05x42	G P G P

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
OPEL DIESEL													
Omega 2.3TD 86→ Eng. 23DTR/23YDT Turbo 2260ccm 66kw(90PS)	92	4	IN		V619	642 659	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	IN		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	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				
Frontera SW 2.5TD 95→ Eng. VM 492 HR/HS Turbo 2498ccm 85kw(116PS)	92	4	IN		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				
Frontera 2.8TD 93→ Eng. 28TDi Turbo 2772ccm 83kw(113PS)	93	4	IN		V1191	641 042	40,1x8x118,1	45	1				
					V1192	641 352	35,7x8x118,1	45	1				

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

OPEL DIESEL

Movano 2.8TDi Eng. S9W Euro 2 2798ccm 84kw(114PS)	98→ 4	94,4 4	IN	V326	7 301 820	41x8x120,7 +1,0S	60	1	VV57	4 749 395	8x13,03x56	G
			EX	V326N3					VV57.1			
			IN	V681	99432837	35,9x8x122 +1,0S	45	1	VV57	4 749 395	8x13,03x56	G
			EX	V681N3					VV57.1			
Movano 3.0CDTi 3300-3500 Eng. ZD30 DTi 2953ccm 113kw(154PS)	04→ 4	96 4	IN	V1467	441 5247	32x7x113,4	45	1	VV466		7x11,04x45	G P6
			EX	V1468					441 5246			
Frontera 3.2DTi 24V Eng. 6VD1 / Y32NE 3165ccm 151kw(205PS)	97→ V6	97 V6	IN	V1649	641 049 97131961	34x6x103,8	45	1				
			EX	V1650					641 360 97131962	29x6x103,5	45	1
Antara 3.2 NEW			IN	V2189		35x6x101,1	45	1				
			EX	V2190						30,5x6x97	45	1

PERKINS

ENG. 4.99 1622ccm 30kw(40PS)	58-73 4	76,2 4	IN	V70	31431661 0910060	35,9x8x116,8	45	1	VV03	33261723	8x12,73x62	G A6
			EX	V70					VV03N4			
ENG. 4.108 1759ccm 39kw(53PS)	61→ 4	76,2 4	IN	V70	31431661 0910060	35,9x8x116,8	45	1	VV03.1	33261723	8x12,73x62	G A6
			EX	V70					VV03N			
ENG. 4.107 1753ccm 31kw(42PS)	61→ 4	79,4 4	IN	V70	31431661 0910060	35,9x8x116,8	45	1	VV03N7	33261723	8x12,73x62	G A6
			EX	V70					VV03N1			
			IN	V70	31431661 0910060	35,9x8x116,8	45	1	VV03N6	33261723	8x12,73x62	G A6
			EX	V70					VV03			
			IN	V70	31431661 0910060	35,9x8x116,8	45	1	VV03N6	33261723	8x12,73x62	G A6
			EX	V70					VV03N6			

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
PERKINS												
ENG. 3.27 S 900		IN	V1841	3142H007 3142H042	41,8x7x115,5	55	3	VV475 VV475N		7x12,06x45,5 +0,05	G A1	
		EX	V1842	3142A091	38x7x115,5	45	3	VV475 VV475N		7x12,06x45,5 +0,05	G A1	
Perkins Eng. UA Series 700	80 3	IN	V1111	3142 H011	44x7x106,5	45	3	VV232 VV232N		7x12,05x42 +0,05	G F	
		EX	V1112	3142 A101	37,2x7x106,3	45	3	VV232 VV232N		7x12,05x42 +0,05	G F	
ENG. 3.27 Series 700 Forklift ENG. 3.27 Series 900 Eng. CAT 3034	04→ 04→	3	IN	V1733	1457503	42x7x106,4	45	3	VV475 VV475N		7x12,06x45,5 +0,05	G A1
			EX	V1734	1457499	34x7x106,3	45	3	VV475 VV475N		7x12,06x45,5 +0,05	G A1
ENG. Prima 65/4.20 Marine 1994ccm 46kw(63PS)	86-92 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 3	88,9	IN	V07	3143 1261	39x8x114,4	45	1	VV03	33261723	8x12,73x62	G A6
				V07N		+0,3S			VV03N4		+0,02	
ENG. P4, 4.192 3147ccm 33kw(45PS)	45-66 4	88,9		V07N1		+0,5S		VV03.1		+0,05		
				V07N2		+1,2D		VV03N		+0,1		
ENG. P6, 6.288 4720ccm 61kw(83PS)	45-66 6	88,9		V07N3		+0,8S		VV03N7		+0,15		
				V07N4		+1,0S		VV03N1		+0,20		
ENG. 3.152 2491ccm 33kw(44PS)	53-70 3	91,5		V07N5		+2,0S		VV03N6		-0,03d ₁		
			EX	V08	3143 1951	33,4x8x114,4	45	1	VV03	33261723	8x12,73x62	G A6
ENG. 4.203 3330ccm 44kw(60PS)	59→	91,5		V08N		+0,3S		VV03N4		+0,02		
				V08N1		+0,5S		VV03.1		+0,05		
ENG. 6.305 5000ccm 66kw(90PS)	59-66 6	91,5		V08N2		+1,2D		VV03N		+0,1		
				V08N3		+0,8S		VV03N7		+0,15		
				V08N4		+1,0S		VV03N1		+0,20		
				V08N5		+2,0S		VV03N6		-0,03d ₁		

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
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	
ENG. D3.152 2491ccm	70→ 31kw(42PS)	91,5 3	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	
ENG. 4.154 2523ccm	69→ 30kw(41PS)	88,9 4	IN	V877	3143 1491	40,5x8x114,6	45	1					
ENG. 4.165 2710ccm	76→ 48kw(65PS)	92 4	EX	V878	3142 A031	35,5x8x114,5	60	1					

1	2	3	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
PERKINS													
ENG. 4.212 3475ccm	69→ 47kw(64PS)	98,5 4	IN	V343 V343.1 V343.2	3143 1641	44,3x9,5x122,9 +0,075d +0,4d	45	1	VV01 VV01N VV01N2	33261732	9,5x15,9x58 +0,05 +0,40	G F	
ENG. 4.236 Ebro 80 ENG. T4.236 Turbo 3867ccm	60→ 60→ 61kw(83PS)			V343N V343N1 V343N2 V343N3		+0,3S +0,5S +0,8S +1,2S							
ENG. 6.354/6.354.1/2 ENG. 6.236.2 5800ccm	60→ 60→ 96kw(130PS)	98,5 6		V343N5 V343N6 V343N7 V343N9		+0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d							
ENG. T6.354 Turbo ENG. T6.354.1 Turbo ENG. T6.354.2 Turbo 5800ccm	60→ 60→ 60→ 119kw(162PS)		EX	V344 V344.1 V344.2 V344N	3143 1109	36,6x9,5x123,3 +0,075d +0,4d +0,3S	45	1	VV02 VV02N VV02N2	33261752	9,5x15,9x61 +0,05 +0,40	G F6	
ENG. 4.248/4.248.2 4065ccm	69→ 61kw(83PS)	101 4		V344N1 V344N2 V344N3		+0,5S +0,8S +1,2S							
ENG. 6.372 6097ccm	74→ 87kw(118PS)	101 6		V344N5 V344N6 V344N7 V344N9		+0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d							
			EX	V1422	3143 1701	36,6x9,5x127,1	45	1	VV02 VV02N VV02N2	33261752	9,5x15,9x61 +0,05 +0,40	G F6	
ENG. T6.3543 Turbo 5800ccm	60→ 119kw(162PS)	98,5 6	IN	V343 V343.1 V343.2	3143 1641	44,3x9,5x122,9 +0,075d +0,4d	45	1	VV01 VV01N VV01N2	33261732	9,5x15,9x58 +0,05 +0,40	G F	
ENG. 6.354.4 5800ccm	69→ 96kw(130PS)			V343N V343N1 V343N2 V343N3		+0,3S +0,5S +0,8S +1,2S							
ENG. T6.354.4 Turbo 5800ccm	70→ 119kw(162PS)			V343N5 V343N6 V343N7 V343N9		+0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d							
ENG. 6.372.4 6097ccm	74→ 87kw(118PS)		EX	V1078 V1078N3	3142 A051	37,5x9,5x123,3 +1,0S	45	1	VV02 VV02N VV02N2	33261752	9,5x15,9x61 +0,05 +0,40	G F6	

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
PERKINS													
ENG. 4.40 Phaser 90 (1004-4) ENG. T4.40 Turbo Phaser 110T ENG. C4.40 Turbo Phaser 120TI 3990ccm 116kw(158PS)	100 4	IN	V1077 V1077N3	3142 L071	45x9,5x122,9 +1,0S	45	1	VV01 VV01N VV01N2	33261732	9,5x15,9x58 +0,05 +0,40	G F		
ENG. 6.60 Phaser 125 (1006-6) ENG. T6.60 Turbo Phaser 160T (1006-6T) ENG. CC6.60 Turbo Phaser 180TI 5985ccm 130kw(177PS)	86→ 89→	IN	V1185 V1185N3	3142 L072	45x9,5x123 +1,0S	60	1	VV01 VV01N VV01N2	33261732	9,5x15,9x58 +0,05 +0,40	G F		
ENG. 4.421 Series 1004-42 3990 ccm 64/86kw(87/117PS)	04→	IN	V1587	3142 H041	45x9x124,1	45	1	VV303	3318E012	9x13,05x51,3	G A1		
ENG. 4.401 Series 1004-40TA CCA/CCT 4-401 Turbo 3990ccm 80kw(120PS) Series 1004-4T 3990ccm 59/70kw(80/95PS) Series 1004-6TA 1004-6TW 5984ccm 136/154kw(184/209PS)	01→ 00→	IN	V1269 V1269N3	3142 D041	43x9x123 +1,0S	45	1	VV303	3318E012	9x13,05x51,3	G A1		
ENG. 4.270 4420ccm ENG. 4.318-4300 4920ccm ENG. 6.357-R6 MK II 5573ccm 35/46kw(48/63PS)	53-58 53-73 61-69 59-66	EX	V888	3143 1142 0910029	40,5x9,5x132,5	45	1						
Perkins Series 1000 Eng. AQ, YG, YH 4000/6000 ccm	05→	IN	V1267 V1267N3	3142 L081	43x9x123 +1,0S	60	1	VV303	3318E012	9x13,05x51,3	G A1		
ENG. 4.421 Series 1004-42 3990 ccm 64/86kw(87/117PS)	04→	EX	V1268 V1268N3	3142 D051	41x9x123 +1,0S	60	1	VV304	3318A705	9x14,05x51,3	G A16		
ENG. 4.421 Series 1004-42 3990 ccm 64/86kw(87/117PS)	04→	EX	V1588	3142 D061	42x9x124,1	45	1	VV304	3318A705	9x14,05x51,3	G A16		
ENG. 4.401 Series 1004-40TA CCA/CCT 4-401 Turbo 3990ccm 80kw(120PS) Series 1004-4T 3990ccm 59/70kw(80/95PS) Series 1004-6TA 1004-6TW 5984ccm 136/154kw(184/209PS)	01→ 00→	EX	V1270 V1270N3	3142 D031	41x9x123 +1,0S	45	1	VV304	3318A705	9x14,05x51,3	G A16		
		IN	V2019	3142 H101	46,4x9x129,1	45	3						
		EX	V2020	3142 A171	41,6x9x128,4	60	3						

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
PERKINS												
Series 1106C Marine Turbo Eng. NV75380 6600 ccm NEW	12→	6	IN EX	V2249 V2250	3142 H091 3142 A181	35x6x108,2 33x6x107,9	60 45	3 3				
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	VV581 VV581.1 VV581.2 VV243 VV243.1 VV243.2 VV581 VV581.1 VV581.2		7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	B F G F B F
107 1.0 12V VVT Eng. 1KR-FE Toyota 998ccm 50kw(68PS)	06→	71 3	IN EX	V1721 V1722	0948.E2 0949.C8	27,4x5x88,4 23,6x5x89,2	45	1 1	VV435 VV435	0221.28 0221.28	5x9,75x34,4 5x9,75x34,4	G P 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 EX	V969 V970	0948.38 0949.33 0949.42	36,8x8x113,4 29,3x8x113,6	60 45	1 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										

1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT											
104 S/ZS 1.4 80→ 104 ZS2 1.4 82→ Eng. XY6B/XYR 1361ccm 52/69kw(72/93PS)	75	IN	V969	0948.38	36,8x8x113,4	60	1				
	4	EX	V970	0949.33 0949.42	29,3x8x113,6	45	1				
205 GR/SR 1.4 83→ Eng. XY7 1360ccm 44kw(60PS)											
205 GT 1.4 80→ Samba GLS 1.4 82→ Eng. XY8 1361ccm 53/59kw(72/80PS)											
106 1.1/1.1i 91→ 205 1.1/1.1i 87-98 306 1.1/1.1i 89-97 309 1.1/1.1i 89-93 Partner 1.1/1.1i 93-97 Eng. TU /KM/M/MZ 1124ccm 34/40/44kw(46/54/60PS)	72	IN	V694	0948.58	36,7x7x112,8	60	1	VV243 0220.59 VV243.1 0220.60 VV243.2 9456 001 145	7x13,07x47,5 +0,05 +0,20	G F F	
		EX	V632	0949.59	29,3x7x112,6	45	1	VV581 VV581.1 VV581.2 VV243 0220.59 VV243.1 0220.60 VV243.2 9456 001 145 VV581 VV581.1 VV581.2	7x13,07x47,5 +0,05 +0,20 7x13,07x47,5 +0,05 +0,20	B F G F B F	

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
PEUGEOT												
106 1.1i 00→ 205 1.1i 98→ Partner 1.1i 96→ Eng. TU1JP 1124ccm 44kw(60PS)	72	IN	V694	0948.58	36,7x7x112,8	60	1	VV243 0220.59 VV243.1 0220.60 VV243.2 9456 001 145 VV581 7x13,07x47,5 VV581.1 +0,05 VV581.2 +0,20	G	F	B	F
106 1.4/1.4i 91→ 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)	75	EX	V632	0949.59	29,3x7x112,6	45	1	VV243 0220.59 VV243.1 0220.60 VV243.2 9456 001 145 VV581 7x13,07x47,5 VV581.1 +0,05 VV581.2 +0,20	G	F	B	F
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)	72	IN	V633	0948.91	36,7x7x112,8	45	1	VV243 0220.59 VV243.1 0220.60 VV243.2 9456 001 145 VV581 7x13,07x47,5 VV581.1 +0,05 VV581.2 +0,20	G	F	B	F
106, 206 1.1i 98→ Partner 1.1i 00→ Eng. TU1JP 1124ccm 44kW(60PS)	72	IN	V633	0948.91	36,7x7x112,8	45	1	VV243 0220.59 VV243.1 0220.60 VV243.2 9456 001 145 VV581 7x13,07x47,5 VV581.1 +0,05 VV581.2 +0,20	G	F	B	F
1007 1.4i 06→ 106, 206 1.4i 01→ 306, 307 1.4i 01→ Partner 1.4i 01→ Eng. TU3JP 1361ccm 44kW(60PS)	75	EX	V632	0949.59	29,3x7x112,6	45	1	VV243 0220.59 VV243.1 0220.60 VV243.2 9456 001 145 VV581 7x13,07x47,5 VV581.1 +0,05 VV581.2 +0,20	G	F	B	F

1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT											
205 Rallye Eng. TU24 1294ccm 74kW(101PS)	91→ 75 4	IN	V2171	0948.64	39,3x8x111,8	45	3	VV242	0220.72	8x13,07x45	B
			EX	V2172	0949.65	31,2x8x111,6	45	3	VV242.1 VV242.2 VV242 VV242.1 VV242.2	0221.17 0220.72 0221.17	+0,05 +0,20 8x13,07x45 +0,05 +0,20
1007 1.4i 16V 207 1.4i 16V 307 1.4 16V Eng. ET3J4-KFU 1361ccm 65kW(88PS)	06→ 05→ 02→ 75 4	IN	V1251	0948.C8	28,3x5,5x100,8	45	3	VV384 VV384N		5,5x10,58x38	B
			EX	V1252	0949.C4	24,3x5,5x101,1	45	3	VV384 VV384N		+0,03 5,5x10,58x38 +0,03
205 1.1 309 GL/GR 1.1 Eng. E1A/B 1118ccm 41kW(56PS)	85→ 85→ 74 4	IN	V1573	0948.51	34x8x107	45	1				
			EX	V1572	0949.53	29x8x107,7	45	1			
208 1.2 12V VTi Eng. HMZ 1199ccm	12→ 75 3	IN	V2123	9676359080	29,1x5x92,5	45	1				
			EX	V2124	9676359180	26,1x5x91,8	45	1			
106/106 Rallie 1.3 Eng. TU2F-J2K 1294ccm 70kW(95PS)	93→ 75 4	IN	V1163	0948.73	39,5x7x111,7	60	3	VV283 VV283.1 VV283.2	0220.84 0220.83	7x13,07x48,5 +0,05 +0,20	B F
			EX	V1164	0949.70	31,3x7x111,5	45	3	VV283 VV283.1 VV283.2	0220.84 0220.83	7x13,07x48,5 +0,05 +0,20
106 XSi 1.4i Eng. TU3F 1361ccm 72kW(99PS)	91→ 78,5 4	IN									
			EX								
106 XSi 1.6 306 XT 1.6 306 Cabriolet 1.6 Eng. TU5JP, NFZ 1587ccm 65kW(88PS)	94→ 93→ 93→ 78,5 4	IN									
			EX								
106XSi 1.6 Eng. TU5J2 1587ccm 74kW(101PS)	94→ 75 4	IN									
			EX								
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	B
			EX	V2172	95638477	31,2x8x111,6	45	3	VV242 VV242.1 VV242.2	0220.72	+0,05 +0,20 8x13,07x45 +0,05 +0,20

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

1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT											
106i 1.6i 98→ Eng. TU5JP, NFZ, NFY 206 1.6i 98→ 306 1.6i XR/XT 99→ Eng. TU5JP, NFZ, NFT 1587ccm 65kW(88PS)	78,5 4	IN EX	V631 V1164	0948.93 0949.70	39,4x7x111,5 31,3x7x111,5	45 3 45 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 F	
106 GTi, Rally 1.6 16V 96→ Eng. TU5J4, NFX 1587ccm 72/87kW(98/118PS)	78,5 4	IN EX	V1341 V1162	0948.83 0949.89 0949.A8	28,8x6x104,4 24,5x6x104,4	45 1 45 1	VV201 VV201.1 VV201 VV201.1	0220.95 0220.95	6x11,08x40 +0,05 6x11,08x40 +0,05	B F B F	
1007 1.6i 16V 05→ 307 1.6i 16V 01→ Ranch 1.6i 16V 00→ 106 GTi 1.6i 16V 97→ 206 1.6i 16V 00→ 207 1.6i 16V 05→ Partner 1.6i 16V 01→ Eng. TU5JP4, NFU-DOHC 1587ccm 80kW(109PS)	78,5 4	IN EX	V1161 V1162	0948.A9 0948.E0 0949.A8 0949.C5	31,2x6x103,8 24,5x6x104,4	45 1 45 1	VV201 VV201.1 VV201 VV201.1	0220.95 0220.95	6x11,08x40 +0,05 6x11,08x40 +0,05	B F B F	
207 1.6 16V 07→ 308 1.6 16V 07→ 3008 1.6 16V 09→ 5008 1.6 16V 09→ Eng. EP6DTS 1598ccm	78,5 4	IN EX	V1673 V1674	0948.E8 0949.E2	28,8x5x105,7 26x5x110,1	45 3 45 3	VV519 VV519N VV520 VV520N	5x9,03x41 +0,05 5x9,03x44,5 +0,05	B A B A		
607 1.8i 16V 00→ 406 18i 16V 01→ 407 1.8i 16V 04→ Eng. EW7J4, 6FZ 1749ccm 87kW(118PS)	82,7 4	IN EX	V1453 V1454	0948.A4 0949.A4	29,8x6x106 27,2x6x104	45 1 45 1	VV339 VV339N VV340 VV340N	02130.12 02130.13	6x12,07x40 +0,05 6x12,07x40 +0,05	B F G F	

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→	83	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
	86→	4	EX								
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→	83	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
	86→	4	EX								
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→	83	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
	86→	4	EX								
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)	88→	83	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
	87→	4	EX								
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)	92→	83	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
	93→	4	EX								

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 0220.64	8x13,07x38,7	B	F3
								VV241.1 0220.63			
								VV241.2 0220.63			
Boxer 2.0i Eng. XU10J2U, RFW 1998ccm 89kW (121PS)	04→	86 4	EX	V724 0949.57	34,5x8x108,4	45	1	VV242 0220.72	8x13,07x45	B	F
								VV242.1 0221.17			
								VV242.2 0221.17			
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 0220.64	8x13,07x38,7	B	F3
								VV241.1 0220.63			
								VV241.2 0220.63			
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 0220.72	8x13,07x45	B	F
								VV242.1 0221.17			
								VV242.2 0221.17			
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 0221.25	6x12,06x40,8	B	F
								VV317.1 0221.24			
								VV318 0221.24			
205, 305 1.9 305, GTi 1.9 309 GTi 1.9 405 GLI/GR/SR 1.9 Eng. XU9-J1, DFZ	85→	83 4	IN	V935 0948.54	39,5x8x105,2	45	1	VV241 0220.64	8x13,07x38,7	B	F3
								VV241.1 0220.63			
								VV241.2 0220.63			
305 GTX 1.9 Eng. XU9-S, D2B 1905ccm 75/77kw(100/105PS)	84→		EX	V936 0949.54	33x8x105,2	45	1	VV242 0220.72	8x13,07x45	B	F
								VV242.1 0221.17			
								VV242.2 0221.17			
405 GE/DL/GR/S R 1.9 Eng. XU9-2C 1905ccm 79kw(107PS)	87→										

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
PEUGEOT													
306 1.8i 16V	97-03	83	IN	V933	0948.82	34,1x6x106,4	45	1		VV317	0221.25	6x12,06x40,8	B
406 1.8i 16V	95-04	4								VV317.1		+0,05	F
Eng. XU7JP4													
1762ccm	81kW(110PS)		IN	V909	0948.75	34,6x7x106,4	45	3		VV244	0221.19	7x12,08x40	B
										VV244.1		+0,05	F
			EX	V1184	0949.92	29,6x6x105,7	45	1		VV318	0221.24	6x12,06x40,8	G
					0949.A6					VV318.1		+0,05	F
			EX	V910	0949.81	29,6x7x105,7	45	3		VV318	0221.19	7x12,08x40	B
										VV318.1		+0,05	F
306 1.8i 16V	97-03	83	IN	V909*	0948.75	34,6x7x106,4	45	3		VV244	0221.19	7x12,08x40	B
406 SL/ST 1.8i 16V	95→	4			0948.61					VV244.1		+0,05	F
Eng. XU7JP4, LFY DOHC					* Retainer s.e. 2,2 mm								
1761ccm	81kW(110PS)		EX	V910*	0949.81	29,6x7x105,7	45	3		VV244	0221.19	7x12,08x40	B
					0949.62					VV244.1		+0,05	F
309 1.9GTI 16V	89→				* Retainer s.e. 2,2 mm								
405 1.9MI 16V	87→												
Eng. XU9J4, D6C													
1905ccm	118kW (160PS)												
306 2.0i 16V	97→	86											
405 2.0i 16V	97→	4											
406 ST/SV/Coupe 2.0i 16V	95→												
605 SRi/SLi 2.0i 16V	95→												
Eng. XU10J4R/JP4R, RFV DOHC													
1998ccm	98kw(133PS)												
306 GTI 1.8 16V	96→	83	IN	V1273*	0948.61	34,6x7x106,4	45	3		VV413	0220.73	7x12,08x40	B
Eng. XU7J4		4			* Retainer s.e. 4 mm					VV413.1		+0,03	F3
1762ccm	81kW(110PS)		EX	V1274*	0949.62	29,6x7x105,8	45	3		VV413	0220.73	7x12,08x40	B
					* Retainer s.e. 4 mm					VV413.1		+0,03	F3
309 GTI 1.9 16V	88→												
405 MI 1.9 16V	88→												
Eng. XU9J4, D6C													
1905ccm	118kW(160PS)												

1	2	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
PEUGEOT													
306 S16 2.0 16V	93→	86	IN	V1273*	0948.61	34,6x7x106,4	45	3	VV413	0220.73	7x12,08x40	B	
306 Cabrio 2.0 16V	93→	4		* Retainer	s.e. 4 mm				VV413.1		+0,03	F3	
405 MI 2.0 16V	92→												
406 2.0i 16V	95→		EX	V1274*	0949.62	29,6x7x105,8	45	3	VV413	0220.73	7x12,08x40	B	
Eng. XU10J4, RFT				* Retainer	s.e. 4 mm				VV413.1		+0,03	F3	
1998ccm		110kW(150PS)											
405 TI 2.0 16V Turbo	92→												
Eng. XU10J4TE, RGZ Turbo													
1998ccm		144kW(196PS)											
504, 505 1.6	71→	84	IN	V593	0948.33	42,6x8x118,6	60	1	VV141	0220.25	8x14,06x55	G	
Eng. KF1/KF2		4			0948.55				VV141.1		+0,05	F	
1618ccm		56/65kW(76/88PS)							VV141.2		+0,10		
									VV141.3		+0,20		
J7 1.6	71→												
J9 1.6	80→		EX	V594	0949.56	35,5x8x112,2	45	1	VV141	0220.25	8x14,06x55	G	
Eng. XC7P					0949.27				VV141.1		+0,05	F	
1618ccm		40/43kW(54/58PS)							VV141.2		+0,10		
									VV141.3		+0,20		
504 1.8	71→												
505 1.8	82→												
Eng. KF5/KF6/XM1													
J5 1.8	81→												
J7 1.8	70→												
Eng. XM7T/P													
1796ccm		58/66kW(79/90PS)											
504 TI/GL 2.0	72→	88											
505 GR/SR 2.0	79→	4											
Eng. XN1/XN2													
1971ccm		71/81kW(96/110PS)											
506. 604 2.0	79→												
J5. J9 2.0	81→												
Eng. XN6/XN1T/P													
1971ccm		57/87kW(78/110PS)											
406 2.0 HPI 16V	01→	85	IN	V1315	0948.A7	32,4x6x105	45	1	VV339	02130.12	6x12,07x40	B	
Eng. EW10D-RLZ		4							VV339N		+0,05	F	
1998ccm		103kW(140PS)							VV340	02130.13	6x12,07x40	G	
			EX	V1316	0949.A7	29,2x6x102,6	45	1	VV340N		+0,05	F	

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
PEUGEOT												
206 2.0i 16V 406 2.0i 16V 407 2.0i 16V 806 2.0i 16V 807 2.0i 16V 206 CC 2.0i 16V 307 2.0i 16V 607 2.0i 16V Expert Combi 20i 16V Eng. EW10J4, RFN/RFR 1998ccm 99/101kW(135/137PS)	99→ 99→ 04→ 98→ 01→ 01→ 00→ 99→	85 4	IN EX	V1091 V1092	0948.99 0949.99	33,3x6x106,2 28,9x6x103,6	45 45	1 1	VV449 VV449.1 VV449 VV449.1		6x12,07x40,8 +0,05 6x12,07x40,8 +0,05	B F B F
306 XT/Cabriolet 2.0i 405 GRi, GTX, SRi, STi 2.0i 605 SL, SR, SRi, SVi 2.0i 806 SR 2.0i Boxer 2.0i Eng. XU10J2/J2C, RFU, RFX OHC 605 2.0/2.0i Boxer 2.0 Eng. XU102C/M, R5A SOHC 1998ccm 85/89/96W(115/121/130PS)	93→ 92→ 93→ 94→ 94→ 89→ 94→	86 4	IN EX	V997 V998	0948.66 0949.72 0949.76	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
306 2.0i 16V Eng. XU10J4RS DOHC, RFS 1998ccm 120kW(163PS)	97→	86 4	IN EX	V933 V934	0948.82 0949.87	34,1x6x106,4 30,7x6x105,3	45 45	1 1	VV449 VV449.1 VV449 VV449.1		6x12,07x 40,8 +0,05 6x12,07x 40,8 +0,05	B F B F
306 1.8i 16V 406 1.8i 16V Eng. XU7JPA-LFY From spec. 07360 1762ccm	97→	86 4	IN EX	V1183 V1184	0948.82 0949.92 0949.A6	34,6x6x106,3 29,6x6x105,7	45 45	1 1	VV449 VV449.1 VV449 VV449.1		6x12,07x40,8 +0,05 6x12,07x40,8 +0,05	B F B F

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
PEUGEOT												
306 2.0i 16V 406 2.0i 16V 605 2.0i 16V 806 2.0i 16V Eng. XU10J4R-RFV FROM SPEC. 07360 1998ccm	97→	86 4	IN EX	V1183 V1184	0948.82 0949.92 0949.A6	34,6x6x106,3 29,6x6x105,7	45 45	1 1	VV449 VV449.1 VV449 VV449.1		6x12,07x40,8 +0,05 6x12,07x40,8 +0,05	B F B F
4007 2.4i 4008 2.4i Eng. DW10 1998ccm Eng. SFZ/4B12 2350ccm NEW	08→	4	IN EX	V2253 V2254	0948.F2 0949.E7	35x5,5x113,2 29x5,5x105,8	45 45	1 1				
406 2.2i 16V 407 2.2i 16V 607 2.2i 16V 807 2.2i 16V Eng. 3FZ EW12J4 2230ccm	00→ 04→ 00→ 02→	86 4	IN EX	V1455 V1456	0948.A1 0949.A2	35x6x106 31,1x6x102,9	45 45	1 1	VV449 VV449.1 VV449 VV449.1		6x12,07x40,8 +0,05 6x12,07x40,8 +0,05	B F B F
Expert 1.6i Eng. 220 A2.000 Fiat 1581ccm 63kW(86PS)	96→	86,4 4	IN EX	V411 V506	7 609 772 5 973 129	37,5x8x108,5 33,2x8x109	45 45	1 1	VV69 VV69.1 VV69.2 VV69.3 VV69.4 VV69 VV69.1 VV69.2 VV69.3 VV69.4	4 250 803 4 372 160 4 372 161 4 250 804 4 372 162	8x14,06x45,5 +0,03 +0,08 +0,18 +0,23 8x14,06x45,5 +0,03 +0,08 +0,18 +0,23	G F G F
406 3.0 V6 24V 407 3.0 V6 24V 607 3.0 V6 24V 807 3.0 V6 24V Eng. XFX(ES9J4S) 2946ccm 150/152kW(204/207PS)	00-04 04→ 00→ 02→	87 6	IN EX	V1247 V1248	0948.A5 0949.A5	35x6x108,4 30,5x6x106,9	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

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

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
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 EX	V1493 V1494	0948.C7 0949.C3	25,6x5,5x96,4 23,4x5,5x96,6	45 45	3 3	VV399 VV399N VV399 VV399N	5,5x9,56x34 +0,05 5,5x9,56x34 +0,05	G A G A
5008 1.6HDi 207 1.6HDi 508 1.6HDi 308 1.6HDi Eng. 9HP (DV6DTED) 1560ccm	10→ 09→ 10→ 09→	75 4	IN EX	V2049 V2050	0948.F7 0949.F5	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
207 1.6HDi 16V 308 1.6HDi 16V 3008 1.6HDi 16V 5008 1.6HDi 16V Eng. 9HZ (DV6TED4) 1560ccm	10→ 10→ 10→ 10→	75 4	IN EX	V2093 V2094	0948.G1 0949.F7	25,6x5,5x96,1 23,5x5,5x96,3	45 45	3 3	VV399 VV399N VV399 VV399N	5,5x9,56x34 +0,05 5,5x9,56x34 +0,05	G A G A
106 SRD, GRD 1.5D 106 XRD, XTD 1.5D Eng. TUD5, VJX, VJY 1527ccm	94→ 96→	77 4	IN EX	V1089 V1089N1 V1090 V1090N1	0948.74 0948.A8 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
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 EX	V1117 V1118	0948.40 0949.37	36,4x8x110,3 31x8x110	60 45	1 1	VV141 VV141.1 VV141.2 VV141.3 VV141 VV141.1 VV141.2 VV141.3	0220.25 8x14,06x55 +0,05 +0,10 +0,20 0220.25 8x14,06x55 +0,05 +0,10 +0,20	G F G F

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
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	
Horizon 1.9 EXD/LD	82→	83		V722N1		+0,5S			VV148.1		+0,03	A	
Solara 1.9 D	80→	4		V722N3		+1,0S			VV148.2		+0,18		
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	
206 1.9D	98→	82,2		V722N1		+0,5S			VV186.1		+0,05	A	
306 L/LD/LX/LXD/Break 1.9D	98→	4		V722N3		+1,0S			VV186.2	0220.65	+0,22		
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 1868 ccm	51kw(69PS)			V710N3		+1,0S			VV186.2	0220.65	+0,22		
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													

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
PEUGEOT DIESEL												
309 SRD/GRD 1.9D	91→	83	IN	V721	0948.59	38,5x8x112,4	45	1	VV186	0220.75	8x14,06x52	B
405 GLD/GRD 1.9D	88→	4			0948.94				VV186.1		+0,05	A
J5 1.9D	88→			V721N1		+0,5S			VV186.2	0220.65	+0,22	
J9 1.9D	84→			V721N3		+1,0S						
Talbot Expres 250 1.9D	90→											
Partner, Expert 1.9D	96→		EX	V722	0949.60	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
306 SRD/ GRD 1.9D	93→			V722N1		+0,5S			VV186.1		+0,05	A
306 Cabriolet SRD GRD 1.9D	93→			V722N3		+1,0S			VV186.2	0220.65	+0,22	
Boxer Kombi 1.9D	95→											
Eng. XUD9A-DJY	95→		EX	V710	0949.73	33x8x111,9	45	1	VV186	0220.75	8x14,06x52	B
1905 ccm	48/51kw(65/69PS)			V710N1		+0,5S			VV186.1		+0,05	A
				V710N3		+1,0S			VV186.2	0220.65	+0,22	
205 GRD/SRD/GTD 1.8TD	91→	80	IN	V721A	0948.63	38,5x8x112,4	45	1	VV187		8x14,06x48	B
306 SRD/GRD/GTD 1.8TD	93-99	4		V721N1		+0,5S			VV187.1		+0,05	F
309 GRD/GRD 1.8TD	91-92			V721N3		+1,0S						
405 GRD/GTD/SRD 1.8TD	88-92											
Eng. XUD7 T/TE, 161A Turbo			EX	V722	0949.60	33x8x111,9	45	1	VV187		8x14,06x48	B
1769 ccm	57/66kw(78/90PS)			V722N1		+0,5S			VV187.1		+0,05	F
				V722N3		+1,0S						
306 GTD-Turbo 1.9TD	93→	83										
405 GTD-Turbo 1.9TD	92→	4	EX	V710	0949.73	33x8x111,9	45	1	VV187		8x14,06x48	B
405 SRDT-Break Turbo 1.9TD	92→			V710N1		+0,5S	45	1	VV187.1		+0,05	F
406 SL/ST 1.9 Turbo	95→			V710N3		+1,0S						
806 GTD/SRDTI												
STDT/SVDT-Turbo 1.9TD	94→											
Boxer Kombi 1.9 Turbo	95→											
Expert 1.9D Turbo	96→											
Eng. XUD9TE/TF, D8B/C Turbo												
1905 ccm	66/68kw(90/92PS)											
406 SV 2.1 TD 12V	95→	85	IN	V1095	0948.68	33,9x8x122,3	45	3	VV245	9456 029 080	8x13,08x54,5	B
605 2.1 TD 12V	89→	4							VV245.1		+0,20	F
806 2.1 TD 12V	96→											
Eng. XUD11ATE/BTE-PHZ, P8C			EX	V1096	0949.68	33,9x8x121,9	45	3	VV245	9456 029 080	8x13,08x54,5	B
2088 ccm	80kW(109PS)								VV245.1		+0,20	F
605 SLD/SRD 2.1 D 12V	89→	86										
Eng. XUD11A - P9A		4										
2138ccm	60kW(82PS)											

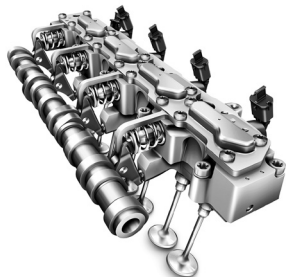
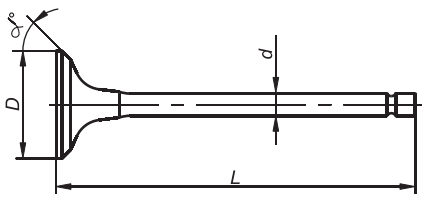
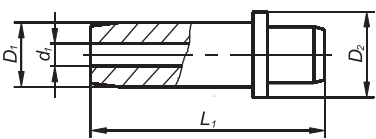
1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT DIESEL											
206 2.0HDi	99→	85	IN	V1085	0948.95	35,6x6x107,1	45 3	VV378	0220.A2	6x10,06x41,5	G
306 2.0HDi	99-03	4						VV378.1		+0,05	A
307 2.0HDi	00→										
406 2.0HDi	98→							VV266	0220.A1	6x12,07x42,5	G
607 2.0HDi	00→							VV266.1		+0,05	F
806 2.0HDi	99-02										
Expert 2.0HDi	99→		EX	V1086	0949.96	33,8x6x107,1	45 3	VV378	0220.A2	6x10,06x41,5	G
Boxer 2.0HDi	01→							VV378.1		+0,05	A
Partner 2.0HDi	99→										
Eng. DV10TD/ DW10ATED Turbo								VV266	0220.A1	6x12,07x42,5	G
1997ccm 66-82kW(90-112PS)								VV266.1		+0,05	F
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→										
807 2.0HDi 16V	02→							VV266	0220.A1	6x12,07x42,5	G
Expert 2.0HDi 16V	01→							VV266.1		+0,05	F
Ranch 2.0i 16V	01→										
Eng. DW10ATED4, RHM, RHS			EX	V1314	0949.A9	25x6x106,1	45 3	VV378	0220.A2	6x10,06x41,5	G
Eng. RHZ, RHS, RHW, RHX, RHY								VV378.1		+0,05	A
1997ccm 80kW(109PS)								VV266	0220.A1	6x12,07x42,5	G
								VV266.1		+0,05	F
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											
2179ccm 125kW(170PS)			EX	V1724	0949.E1	25x6x95	45 3	VV378	0220.A2	6x10,06x41,5	G
								VV378.1		+0,05	A

1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT DIESEL											
307 2.0Hdi 16V 03→ 407 2.0Hdi 16V 04→ 607 2.0Hdi 16V 02→ 807 2.0Hdi 16V 02→ Eng. DW10BTED4-RHR 1997ccm 80/100kW(109/136PS)	85	IN	V1179	0948.A3	29,8x6x105	45	3	VV378	0220.A2	6x10,06x41,5	G
								VV378.1		+0,05	A
406 Coupe 2.2Hdi 16V 01→ 607 2.2Hdi 16V 01→ 806 2.2Hdi 16V 02→ 807 2.2Hdi 16V 01→ Eng. DW10TED4, 4HX 2179ccm 98/103kW(133/140PS)	EX	V1180	0949.A3	25x6x105	45	3	VV266	0220.A1	6x12,07x42,5	G	
							VV266.1		+0,05	F	
308 2.0Hdi 16V 10→ 3008 2.0Hdi 16V 5008 2.0Hdi 16V RCZ 2.0Hdi 16V Eng. DW10CTED4-RHH 1997ccm	85	IN	V2051	0948.F6	27,25x6x104,5	45	3				
								EX	V1180	0949.A3	25x6x105
Boxer 3.0Hdi 16V 06→ Eng. F1CE0481 2999ccm	94,4	IN	V1697	504072531	32,4x6x119,9	60	3	VV335	500388426	6x10,04x49	G
								EX	V1698	504081062	32,4x6x119,9
605 SRDT/SVDT 2.5TD 12V 95→ Boxer 350LH, 320M 2.5D/TD 12V 95→ Eng. DK5 ATE- THY Turbo Eng. DJ5, DJ5T-Turbo T9A, T8A 2446ccm 76/95kw(103/129PS)	92	IN	V1121	0948.72	36,9x7x127,9	45	3	VV246	0220.93	7x13,06x54	B
								EX	V1122	0949.79	36,9x7x127,5
Jumper 27 2.5TD 01→ Boxer 1400/1800TD 2.5TD 96→ Eng. DJ5T/TED, THX Turbo Diesel 2446ccm 76kw(103PS)	92	IN	V955	0948.84	41x7x115,7	45	3	VV291	0220.94	7x13,06x43,1	B
								EX	V956	0949.90	37,8x7x115,4

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
PEUGEOT DIESEL												
J5 2.5D Eng. U25.651/661 2499ccm	82→ 55kW(75PS)	93 4	IN EX	V1623 V1624	0948.45 0949.46	42x8x121,4 35x9x121,4	45 3 45 3					
J5, J9 2.5TD Eng. CRD93 LS Turbo 2499ccm	87→93 70kW(95PS)											
504 GL/GLD/SRD 2.3D 505 GRD/SRD 2.3D J7 PX/PY/PZ 2.3D J9 2.3D Eng. XD2, XD2P94 2304ccm	76→ 79→ 77→ 78→ 49/53kW(66/72PS)	94 4	IN EX	V785 V786	0948.37 0949.25	40,4x8,5x116,2 33,4x8,5x116,2	60 1 45 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	04→ 00→ 150kW(204PS)	V6	IN EX	V1725 V1726	0948.E1 0949.C6	27,7x6x97,1 25,2x6x96,4	45 3 45 3	VV584 VV584N VV584 VV584N		6x10,72x39,3 +0,05 6x10,72x39,3 +0,05	G A G A	
504 2.5D 505 GRD/SRD 2.5D Eng. XD3 J9 2.TD Eng. XD3P 2498ccm	87→ 82→ 87→ 53/55kw(73/75PS)	94 4	IN EX	V793 V794	0948.53 0948.49 0949.50 0949.45	42,5x8,5x116 35,5x8,5x116,3	45 1 45 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	84→ 84→ 67kw(92PS)											

1	2	3	4	5	6	7	8	9	10	11	12
PEUGEOT DIESEL											
Boxer 2.8 TD-HDi 01→ 310, 330, 350 Sofim Eng. 8140. 43S 2798ccm 94/107kW(127/145PS)	94,4	IN	V326 V326N3	0948.A2	41x8x120,7 +1,0S	60	1	VV57 4 749 395 8x13,03x56 G			
								VV57.1 4 749 397 +0,03 F VV57.2 4 749 398 +0,08 VV57.3 +0,18 VV57.4 4 749 399 +0,23			
Boxer 2.8 D 01→ Sofim 2798ccm 64/84kW(87/114PS)	94,4	IN	V679 V679N3	0948.96	43,5x8x122 +1,0S	60	1	VV57 4 749 395 8x13,03x56 G			
								VV57.1 4 749 397 +0,03 F VV57.2 4 749 398 +0,08 VV57.3 +0,18 VV57.4 4 749 399 +0,23			
		EX	V681 V681N3	0949.A0	35,9x8x122 +1,0S	45	1	VV57 4 749 395 8x13,03x56 G			
								VV57.1 4 749 397 +0,03 F VV57.2 4 749 398 +0,08 VV57.3 +0,18 VV57.4 4 749 399 +0,23			
		EX	V681 V681N3	0949.A0	35,9x8x122 +1,0S	45	1	VV57 4 749 395 8x13,03x56 G			
								VV57.1 4 749 397 +0,03 F VV57.2 4 749 398 +0,08 VV57.3 +0,18 VV57.4 4 749 399 +0,23			
PORSCHE											
911 63-90 Eng. 901.01,.05 2.0L Targa 96kW(131PS)		IN						VV593 93010432100 9x13,06x51 B			
								VV593N +0,10 A VV593.1 93010432150 +0,20 VV593N1 +0,25			
911 63-90 Eng. 901.02 2.0S Targa 118kW(162PS)		EX						VV593 93010432100 9x13,06x51 B			
								VV593N +0,10 A VV593.1 93010432150 +0,20 VV593N1 +0,25			
911 63-90 Eng. 901.03,.13 2.0T Targa 81kW(111PS)								VV593 93010432100 9x13,06x51 B			
								VV593N +0,10 A VV593.1 93010432150 +0,20 VV593N1 +0,25			
911 63-90 Eng. 901.09,.11 2.0E 103kW(141PS)								VV593 93010432100 9x13,06x51 B			
								VV593N +0,10 A VV593.1 93010432150 +0,20 VV593N1 +0,25			
911 63-90 Eng. 901.10 2.0S Targa 125kW(171PS)								VV593 93010432100 9x13,06x51 B			
								VV593N +0,10 A VV593.1 93010432150 +0,20 VV593N1 +0,25			
NEW											

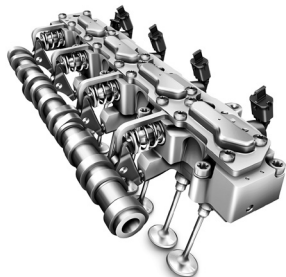
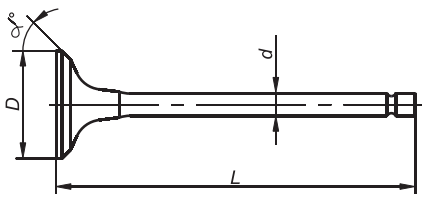
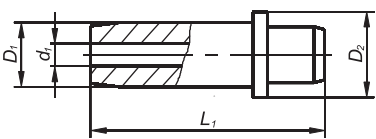
1	2	3	4	5	6	7	8	9	10	11	12
PORSCHE											
914 69-76 Eng. 901.36,.37 2.0 81kW(111PS)		IN						VV593 93010432100 VV593N VV593.1 93010432150 VV593N1	9x13,06x51 +0,10 +0,20 +0,25		B A
911 63-90 Eng. 911.01,.04 2.2E Targa 114kW(156PS)		EX						VV593 93010432100 VV593N VV593.1 93010432150 VV593N1	9x13,06x51 +0,10 +0,20 +0,25		B A
911 63-90 Eng. 911.03,.06 2.2T Targa 92kW(126PS)											
911 63-90 Eng. 911.42,.47,.93,.98 2.7S Carrera/Targa 129kW(177PS)											
NEW											
911 63-90 Eng. 911.52,.62 2.3E Targa 121kW(166PS)		IN						VV593 93010432100 VV593N VV593.1 93010432150 VV593N1	9x13,06x51 +0,10 +0,20 +0,25		B A
911 63-90 Eng. 911.53,.63 2.3S 140kW(268PS)		EX						VV593 93010432100 VV593N VV593.1 93010432150 VV593N1	9x13,06x51 +0,10 +0,20 +0,25		B A
911 63-90 Eng. 911.83 2.7SC Carrera RS, Targa 154kW(211PS)											
911 63-90 Eng. 911.92,.97 2.7 Targa 110kW(151PS)											
911 Eng. 930.03,.13 3.0SC Carrera, Targa 132kW(181PS)											
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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

PORSCHE

911 63-90 Eng. 930.03,.13 3.0SC Carrera, Targa 147kW(201PS)	IN	EX							VV593 93010432100 9x13,06x51 B VV593N +0,10 A VV593.1 93010432150 +0,20 VV593N1 +0,25		
911 63-90 Eng. 930.20 3.2SC Carrera, Cabrio 170kW(233PS)									VV593 93010432100 9x13,06x51 B VV593N +0,10 A VV593.1 93010432150 +0,20 VV593N1 +0,25		
911 63-90 Eng. 930.25 3.2 Carrera Speedster Cabrio 160kW(219PS)	EX										
930 63-90 Eng. 930.50 3.0T 191kW(262PS)											
911 74-77 Eng. 930.60 3.3TS 220-243kW(301-315PS)	IN	EX									
911 63-90 Eng. 930.66 3.3T/SC Targa 220-221kW(301-302PS)											
NEW											
911(993) 93-97 Eng. M64.05,.06,.07,.08 3.6 Carrera 4, Cabrio 200kW Eng. M64.05S,.06S 3.8 Carrera 4, Cabrio 210kW(274PS)	IN	EX							VV591 99310432171 8x13,06x56 B VV591N +0,10 F VV591N1 +0,25		
NEW									VV592 99310432271 8x13,06x55,2 B VV592N +0,10 F2 VV592N1 +0,25		
Cayenne 4.5 02→ Eng. M48.00 4511ccm	83	IN	V2127	94810531101	37,1x6x109,2	45	3				
	V8	EX	V2128	94810531200	32,5x6x109,5	45	3				
Cayenne 4.5 04→ Eng. M48.50S Turbo 4511ccm	83	IN	V2127	94810531101	37,1x6x109,2	45	3				
	V8	EX	V2120	94810531253	32,5x6x109,5	45	3				
Cayenne 4.8 07→ Eng. M48.01 4806ccm	83	IN	V2129	94810532102	38,2x6x107,7	45	3				
	V8	EX	V2130	94810532202	33x6x108,1	45	3				

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
PORSCHE												
Cayenne 4.8 Eng. M48.51 Turbo 4806ccm	07→	83 V8	IN	V2129	94810532102	38,2x6x107,7	45	3	VV578 VV578N VV578N1		6x10,55x40,5 +0,15 +0,25	B F
			EX	V2108	94810532252	33x6x108,2	45	3	VV578 VV578N VV578N1		6x10,55x40,5 +0,15 +0,25	B F
Cayenne 4.8 Eng. M48.02 4806ccm	10→	83 V8	IN	V2129	94810532102	38,2x6x107,7	45	3	VV578 VV578N VV578N1		6x10,55x40,5 +0,15 +0,25	B F
			EX	V2130	94810532202	33x6x108,1	45	3	VV578 VV578N VV578N1		6x10,55x40,5 +0,15 +0,25	B F
Cayenne 4.8 Eng. M48.52 Turbo 4806ccm	10→	83 V8	IN	V2129	94810532102	38,2x6x107,7	45	3	VV578 VV578N VV578N1		6x10,55x40,5 +0,15 +0,25	B F
			EX	V2108	94810532252	33x6x108,2	45	3	VV578 VV578N VV578N1		6x10,55x40,5 +0,15 +0,25	B F
Cayenne 3.2i V6 24V Eng. M02.2Y 3189ccm	02→	84 V6	IN	V1687	022 109 601H	33,2x6x136,3	45	3	VV513 VV513N		6x10,04x65 +0,05	B F
			EX	V1688	022 109 611P	30,2x6x136,1	45	3	VV513 VV513N		6x10,04x65 +0,05	B F
PORSCHE DIESEL												
Tractor Standard T Eng. F 217 1374ccm	60-63	90 2	IN	V1829	001330105	38x8x155,4	45	3				
			EX	V1830	001330205	34x8x155,4	45	3				
Tractor Standard Eng. F 208 1644ccm	57-63											
Tractor AP18/Standard 1531ccm	57-63	95 2										

			CYL.	IN	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
			Ø	EX									
1	2	3	4	5	6	7	8	9	10	11	12		

PORSCHE DIESEL

Tractor Junior K/L/S	57-63	95	IN	V1829	001330105	38x8x155,4	45	3					
Eng. F 108		1											
822ccm	10kW(14PS)		EX	V1830	001330205	34x8x155,4	45	3					
Super	57-63	3											
Eng. F 308													
2467ccm	28kW(38PS)												
P144	60-63	4											
Eng. F 408													
3289ccm	37kW(50PS)												
Tractor Standard Star	60-63	98											
Eng. F 219		2											
1750ccm	22kW(30PS)												
Super L	60-63	3											
Eng. F 319													
Super export	60-63												
Eng. F 329													
2625ccm	26kW(35PS)												
Master	60-63	4											
Eng. F 419													
3500ccm	37kW(50PS)												

RENAULT

R4 L/TL/F4 0.8	72→	55,8	IN	V230	7700 648 970	28,2x7x73	45	8	VV174	0710 938 900	7x11,14x34	G
Eng. B1A		4	IN	V720	7701 458 152	28,2x7x73	45	1	VV174.1	7701 460 923	+0,05	A
782ccm	20kw(27PS)				7710 565 824				VV174.2		+0,10	
R5 L, R6L 0.9	72→		EX	V233	7701 458 195	25x7x73,8	45	2	VV174	0710 938 900	7x11,14x34	G
R4 L/TL/F4 0.9	72→				7700 555 263				VV174.1	7701 460 923	+0,05	A
R6L 0.9	72→								VV174.2		+0,10	
Eng. B1B												
845ccm	26kw(36PS)											

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
RENAULT													
R4 F/FS/FSA/TL 0.85 Eng. 813 852ccm	72→ 21kw(29PS)	61,4 4	IN	V581	7701 458 180 7701 458 186	33,4x7x89,8	45	1	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A	
R5 GTL/GTS/TL 1.0 Expres, Super 5 TC 1.0 Eng. 689/C1C 956ccm	72→ 85→ 27kw(37PS)	65 4	EX	V582	7701 460 690	28,9x7x88,8	45	2	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A	
R4 1.1 R5 1.1 Super 5 1.1 R6 1.1 R9 1.1 R11 1.1 Clio 1.1 Estafette, Expres 1.1 Rapid 1.1 Rodeo 5 1.1 Eng. 688 / C1E 1108ccm	76→ 80-95 85→ 76→ 81-87 83-86 91-98 79→ 85-91 71-80	70 4											
R4 1.3 R5, R11 1.3 R12, R14 1.3 R15, 1.3 Rodeo 6 1.3 Eng. 810 1289ccm	85-93 74→ 72→ 72→ 81→ 29-47kw(40-64PS)	73 4											
Twingo E2 1.2 Eng. C3G 1239ccm	93→ 40kw(55PS)	4											
R5 GTL/TL/TR R9 GTC/GTL/C/TC R11 GTC/TC R19 GTR/TR/TRE Eng. C1G/B530 1237ccm	87→ 87→ 87→ 88→	4	IN	V2209	7701 462 137	34,1x7x91,5	45	1	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A	
NEW			EX	V2210	7700 638 247 7701 460 690	29x7x89	45	2	VV122 VV122.1 VV122.2 VV122.3	0710 939 000 0710 941 000 0710 941 100	7x11,14x41,5 +0,05 +0,10 +0,20	G A	

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
RENAULT													
Clio 1.1/1.2i Twingo 1.1i Kango o 1.1/1.2i Kango o Express 1.2i Eng. D7F A7/D7/G7/J7 Eng. 7F 700/701/702/706 1149ccm	98→	69	IN	V867	7701 469 266	32,8x6x106,8	60	1	VV248	7700 109 151	5,5x11,08x40,6	B	A
	97→	4							VV248.1				
	97→								VV248.2				
	97→												
Eng. D7F A7/D7/G7/J7 Eng. 7F 700/701/702/706 1149ccm	43kw(58PS)		EX	V868	7701 469 269	29,9x6x106,7	45	1	VV248	7700 109 151	5,5x11,08x40,6	B	A
									VV248.1				
									VV248.2				
Clio 1.2i 16V Kango o 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	01→	69	IN	V1165	7701 472 986	26x5,5x110,7	45	3	VV249	7700 109 151	5,5x11,08x40,6	B	A
	01→	4							VV249.1				
	01→								VV249.2				
	04→												
	01→								VV583				
	02→								VV583N				
	01→								VV249				
	01→								VV249.1				
	01→								VV249.2				
	01→								VV583				
01→		VV583N											
Clio III 1.2 TCE 16V Modus 1.2 TCE 16V Modus II 1.2 GT/TCE 16V Twingo II 1.2 GT/TCE 16V Eng. D4F/784/786 Eng. D4F/780/782 1149ccm	07→	69	IN	V1165	7701 472 986	26x5,5x110,7	45	3	VV249	7700 109 151	5,5x11,08x40,6	B	A
	07→	4							VV249.1				
	07→								VV249.2				
	07→												
	07→								VV583				
									VV583N				
	07→								VV249				
	07→								VV249.1				
	07→								VV249.2				
	07→								VV583				
07→		VV583N											
Clio III 1.2 TCE 16V Modus 1.2 TCE 16V Modus II 1.2 GT/TCE 16V Twingo II 1.2 GT/TCE 16V Eng. D4F/784/786 Eng. D4F/780/782 1149ccm	07→	69	EX	V1166	7701 477 875	22x5,5x112,5	45	3	VV249	7700 109 151	5,5x11,08x40,6	B	A
	07→	4							VV249.1				
	07→								VV249.2				
	07→												
	07→								VV583				
									VV583N				
	07→								VV249				
	07→								VV249.1				
	07→								VV249.2				
	07→								VV583				
07→		VV583N											

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
RENAULT												
R5 GL/GTL/L/TL 1.1 Express -F40 1.1 R5 TL/SL/Five 1.1 Clio 1.1 Eng. C1E 1108ccm	84→ 85→ 89→ 90→ 34/43kw(47/58PS)	70 4	IN EX	V581 V582A	7701 458 180 7701 458 186 7701 461 802 7701 463 181	33,4x7x89,8 28,9x7x88,8	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
R5 GT Turbo 1389ccm	89→	4	IN EX	V2207 V2208	690577A 7701 463 181	34x7x90,8 28,9x7x88,9	45	2 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
NEW												
R5 GTR,TL,TR 1.2 Super 5 1.2 R9 C,GTC,GTL,TC 1.2 R11 GTC,TC 1.2 R19 1.2 Rapid 1.2 Expres Combi 1.2 Eng. C1G 1237ccm	87→ 87→ 85→ 84→ 88→ 91→ 92→ 40kW(55PS)	71,5 4	IN EX	V1409 V582	7701 462 137 7701 460 690	34,2x7x91,4 28,9x7x88,8	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
R5 GTL,TS,TX 1.4 R18 1.4 Fuego 1.4 Trafic 1.4 Expres F40 GTL 1.4 Eng. 847 1397ccm	81-85 83-86 80-85 80-89 84→ 35/47kW(48/64PS)	76 4										

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
RENAULT												
R5 GTL,GTS,TS,TSE,SL 1.4 Super 5 1.4	84→ 85→	76 4	IN	V1409	7701 462 137	34,2x7x91,4	45	1	VV122 VV122.1	0710 939 000	7x11,14x41,5 +0,05	G A
R9 GTL,TL, GTE,GTX 1.4	81→								VV122.2	0710 941 000	+0,10	
R11 GTL,TL,TSE,GTS 1.4	83→								VV122.3	0710 941 100	+0,20	
R18 Breac TL 1.4	83→											
R19 GTR,TR,GTE,GTS,RL,RN 1.4	88→		EX	V582	7701 460 690	28,9x7x88,8	45	2	VV122 VV122.1	0710 939 000	7x11,14x41,5 +0,05	G A
R19 Shamade TR,GTR 1.4	89→								VV122.2	0710 941 000	+0,10	
R21 GTS,RS,TL 1.4	88→								VV122.3	0710 941 100	+0,20	
Expres F40M,F402	85→											
Rapid 1.4	85→											
Fuego 1.4	80→											
Trafic 1.4	81→											
Eng. C1J,C2J,C3J 1397ccm												
R5 1.7 Super 5 1.7	87-95 87→	81 4										
Eng. F2N 1721ccm												
R 14 GTL/L/TL 1.2	76-79	75 4	IN	V969	7701 459 824 7910 025 377	36,8x8x113,4	60	1				
Eng. X5G												
R 14 TS 1.2	79-83		EX	V970	7701 459 825 7910 025 379	29,3x8x113,6	45	1				
Eng. XZ7R/129-5 1218ccm												
R 14 GTL/TL 1.4	79→											
Eng. X5J												
R 14 GTS/LS/TS 1.4	79→											
Eng. X6J 1361ccm												
Clio IV 0.9 TCE Captur 0.9 TCE	12→ 13→	75 3	IN	V2131	132013562R	26,5x5,5x100,9	45	3				
Eng. H4B 898ccm			EX	V2132	132025379R	23,5x5,5x101,7	45	3				

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
RENAULT													
Clio RL/RN 1.2	91→	75,8	IN	V673	7701 465 088	37,6x7x107,8	60	1		VV203		7x12,06x42	B
R19 RL/RN 1.2	93→	4			7700 273 371					VV203.1		+0,05	F
Eng. E5F/E7F													
1171ccm	40/44kW(54/60PS)		EX	V674	7701 465 090	33,6x7x107,8	45	1		VV204		7x12,06x49	B
					7700 865 934					VV204.1		+0,05	F
					7701 468 419								
Clio S/RL/RN/RT 1.4	90→												
R19 TS/TSE/GTS Chamade 1.4	88→												
Megane/Megane Scenic 1.4	95→												
Kangoo, Rapid 1.4	91→												
Expres 1.4	86→												
Eng. E6J/E7J/K7J													
1397ccm	55/59kW(75/80PS)												
Expres RL/Furgon F40A 1.4	86→												
Eng. C3J													
1397ccm	40/44kW(55/60PS)												
Clio 1.6	96→	79,5											
Kangoo 1.6	97→	4											
Megane 1.6	96-99												
Megane, Scenic/Cabrio 1.6	96-99												
Eng. K7M													
1598ccm	55/66kW(75/90PS)												
R 18 GTL/TL/Break 1.4	78→	76	IN	V858	7701 460 699	34x7x91,2	60	1		VV122	0710 939 000	7x11,14x41,5	G
Fuego 1.4	80-82	4			7700 639 627					VV122.1		+0,05	A
R5 1.4	82→									VV122.2	0710 941 000	+0,10	
R9 1.4	81→									VV122.3	0710 941 100	+0,20	
R11 1.4	83→												
R19/R21 1.4	88→		EX	V582	7701 460 690	28,9x7x88,8	45	2		VV122	0710 939 000	7x11,14x41,5	G
Eng. 847.720, C1J,C2J										VV122.1		+0,05	A
1397ccm	35/44/49/53kw									VV122.2	0710 941 000	+0,10	
										VV122.3	0710 941 100	+0,20	
Trafic T/P 1.4	78→	76	IN	V858	7701 460 699	34x7x91,2	60	1		VV122	0710 939 000	7x11,14x41,5	G
Eng. 847-701		4			7700 639 627					VV122.1		+0,05	A
1397ccm	34kw(48PS)									VV122.2	0710 941 000	+0,10	
										VV122.3	0710 941 100	+0,20	
			EX	V582A	7701 461 802	28,9x7x88,8	45	2		VV122	0710 939 000	7x11,14x41,5	G
					7701 463 181					VV122.1		+0,05	A
										VV122.2	0710 941 000	+0,10	
										VV122.3	0710 941 100	+0,20	

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
RENAULT													
Thalia 1.4i 16V	00→	79,5	IN	V1013	7700 107 602	32,7x5,5x109,3	45	1	VV249	7700 109 151	5,5x11,08x40,6	B	
Clio 1.4i 16V	01→	4			7701 471 378				VV249.1		+0,05	A	
Megane 1.4i 16V	00→				7701 472 124				VV249.2		+0,20		
Modus 1.4i 16V	04→												
Laguna 1.4i 16V	98→								VV583		5,5x11,08x40,6	B	
Scenic 1.4i 16V									VV583N		+0,05	F	
Eng. K4J													
1398ccm	70kw(95PS)		EX	V1014	8200 054 762	28x5,5x107,6	45	1	VV249	7700 109 151	5,5x11,08x40,6	B	
					7701 471 379				VV249.1		+0,05	A	
					7701 473 354				VV249.2		+0,20		
Clio 1.6 16V	98→												
Laguna 1.6 16V	98→												
Kangoo 1.6 16V	98→								VV583		5,5x11,08x40,6	B	
Megane Coupe /Cabriolet/ Cabrio 1.6 16V	98→								VV583N		+0,05	F	
Megane 1.6 16V	96→												
Modus 1.6 16V	02→												
Scenic 1.6 16V	02→												
Thalia 1.6 16V	00→												
Eng. K4M													
1598ccm	81kw(110PS)												
R15 TS	72→		IN	V2201	566902A	40x8x110,7	45	1	VV206	7101 462 486	8x13,15x49	G	
R16 TS	68→	4			7701 458 187				VV206.1		+0,05	A	
R17 TL	72→								VV206.2		+0,10		
1505ccm													
R16 TX	73→		EX	V2202	566903E	35,5x8x110,9	45	1	VV206	7101 462 486	8x13,15x49	G	
1647ccm					7701 458 192				VV206.1		+0,05	A	
NEW									VV206.2		+0,10		
R18 TS/GTS			IN	V2203	629763A	36x8x105	45	1	VV205	7701 460 815	8x13,15x39,5	G	
Fuego GTL		4			7701 460 624				VV205.1		+0,05	A	
Trafic PA/TA Master R									VV205.2		+0,10		
1647ccm			EX	V2204	639199E	31,5x8x103,5	45	3	VV206	7701 462 486	8x13,15x49	G	
NEW					7701 460 625				VV206.1		+0,05	A	
									VV206.2		+0,10		

1	2	3	4	5	6	7	8	9	10	11	12
RENAULT											
R17 TS 76→ R18 Fuego 80→ R20 TL/GTL 76→ 1647ccm NEW	4	IN	V2205 7701 458 792 7700 587 901A	39x8x110,6	45	1	VV205 VV205.1 VV205.2	7701 460 815	8x13,15x39,5 +0,05 +0,10	G A	
		EX	V2206 7700 507 902E 7701 488 793	34,5x8x111	45	1	VV206 VV206.1 VV206.2	7701 462 486	8x13,15x49 +0,05 +0,10	G A	
Super 5 GTX Bacara 1.7 88→ R5 GTE/GTX/TXE 1.7 85→ R9 GTE/GTX/TX/TXE 1.7 84→ R11 GTE/GTX/TX/TXE 1.7 84→ R19 GTS/GTX/TSE/TXE 1.7 88→ R21 GTL/GTS/RS/TS/TSE 1.7 86→ Eng. F2N/F3N 1721ccm 56/66kw(76/90PS)	81	IN	V765 7701 463 081 7700 713 788	38,2x8x111,5	60	1	VV205 VV205.1 VV205.2	7701 452 333 7701 452 337	8x13,15x39,5 +0,05 +0,10	G A	
R21 GTS/GTX 1.7 86→ Eng. F2R Trafic 1.7 87→ Master 1.7 87→ Eng. F1N 1721ccm 50/66kw(70/90PS)		EX	V766 7701 463 944 7701 463 082 7700 713 790	32,5x8x111,3	45	1	VV206 VV206.1 VV206.2	0710 942 500 0710 942 600	8x13,15x49 +0,05 +0,10	G A	
Clio RT/BAC 1.7 90→ R19 Chamade GTX/TXE 1.7 90→ R21/NEVADA TS/GTS/TSE 1.7 89→ Eng. F2N 1721ccm 68kw(92PS)											
R19/Chamade TS/GTS/GTX/TXE 1.7 90→ Eng. F3N R21/NEVADA TL 1.7 89→ Eng. F2N 1721ccm 55/69kw(75/94PS)											

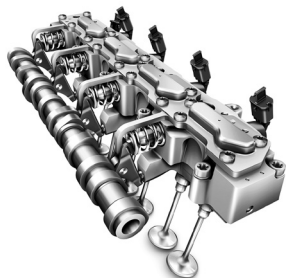
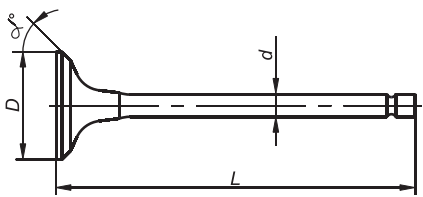
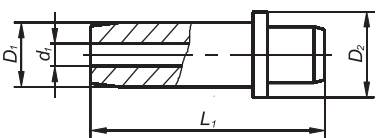
1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
RENAULT												
R19 1.8 16V Eng. F7P 1763ccm	88→ 103kw(140PS)	82 4	IN	V1075	7701 465 172	30,7x7x107,5	45	1	VV250 VV250.1	7700 743 529	7x12,07x39,2 +0,05	B F
R19 Cabriolet 1.8 16V Clio 1.8 16V Eng. F7P 1764ccm	90→ 90→ 99/103kw(135/140PS)		EX	V2352	7701 465 173	28,6x7x108,3	45	1	VV250 VV250.1	7700 743 529	7x12,07x39,2 +0,05	B F
R19 1.8 16V Eng. F7P 1764ccm	90→ 99/103kw(135/140PS)		EX	V1076	7700 747 324	28,6x7x109,1	45	1	VV250 VV250.1	7700 743 529	7x12,07x39,2 +0,05	B F
Laguna Grandtour 1.8 Laguna GPL 1.8i Eng. F3P 1783/1794ccm	94→ 98→ 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
Megane 2.0 Espace 2.0 Laguna 2.0 Eng. F3R OHC 1998ccm	95→ 96→ 97→ 83kw(113PS)		EX	V1158	7701 468 961 7700 112 412	32,5x8x115,3	45	1	VV284 VV284N		8x13,07x37,7 +0,05	B F
Clio 1.8/1.8 RSi Laguna 1.8 R19 1.8 Eng. F3P 1783/1794ccm	91-98 93→ 91→ 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
R19 1.8 Eng. F3P 1783/1794ccm	91→ 66/69/79/81kw(90/94/107/110PS)		EX	V1156	7701 466 607	32,7x8x106,9	45	1	VV284 VV284N		8x13,07x37,7 +0,05	B F
Espace 2.0 Laguna 2.0 Megane 2.0/2.0i Megane, Scenic/Cabrio 2.0 Eng. F3R 1998ccm	96-00 93→ 96→ 97→ 83/84kw(113/114PS)											

1	2	3	4	5	6	7	8	9	10	11	12
RENAULT											
Laguna SW 1.8 16V 98→ Megane/Scenic 1.8 16V 01→ Eng. F4P 1783ccm 85/88kw(115/120PS)	82,7	IN	V1983	7701 471 279 7701 471 287	33,4x5,5x110,1	45	1	VV249 VV249.1 VV249.2 VV583 VV583N	7700 109 151	5,5x11,08x40,6 +0,05 +0,20 5,5x11,08x40,6 +0,05	B A B F
Clio, Megane, Scenic 2.0 16V 98→ Espace, Trafic, Bus/Van 2.0 16V 98→ Laguna 2.0 16V 99→ Vel Satis 2.0 16V 02→ Eng. F4R/F4R Turbo 1998ccm 85/124kw(120/169PS)		EX	V982	7701 473 101 7701 471 280	28,9x5,5x108,9	45	1	VV249 VV249.1 VV249.2 VV583 VV583N	7700 109 151	5,5x11,08x40,6 +0,05 +0,20 5,5x11,08x40,6 +0,05	B A B F
Clio Williams 2.0 16V 94-98 Megane 2.0 Cabrio/Coupe 16V 96-99 Megane 2.0 RT COACH 16V 96-99 Sport Spider 2.0 16V 95→ Eng. F7R 1998ccm 108/110kw(148/150PS)	82,7	IN	V1377	7701 468 861 7700 865 550	33x7x107,3	45	1	VV250 VV250.1	7700 743 519	7x12,07x39,2 +0,05	B F
		EX	V1378	7701 468 862 7700 865 551	28,3x7x108,8	45	1	VV250 VV250.1	7700 743 519	7x12,07x39,2 +0,05	B F
Laguna 2.0 RXT 16V 98→ Eng. N7QD7 Safrane 2.0 RXE 16V 98→ Eng. N7QH7 1948 ccm 100/102kw(136/139PS)	83	IN	V763	7438 610 007	31x7x104,1	45	3	VV324 VV324N		7x11,99x45 +0,05	G F
		EX	V764	7438 610 008	27x7x103,3	45	3	VV324 VV324N		7x11,99x45 +0,05	G F
Laguna 2.0i 16V 07→ Megane 2.0i 16V 08→ Eng. M4R 1997ccm	84	IN	V1793	13201-EN201	33,9x5,5x106,3	45	1				
		EX	V1794	13202-EN200	27,7x5,5x105,2	45	1				
Master 2.3 CDTi 16V 10→ Eng. M9T 2299 ccm	85	IN	V1797	4420439 93168105 13201-2274R	27,7x6x104	45	3	VV551		6x11,04x42,4	B F
		EX	V1798	7701476595 4431241 93161681	26,1x6x103,8	45	3	VV551		6x11,04x42,4	B F

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
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 Eng. J6R/J7R	80→				77 00 740 221 77 01 460 143							
Master R/Q	83→				77 01 460 148							
Trafic Eng. J5R 1991ccm	83→		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→											

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
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	EX	V1728	7701 474 100	31,4x6x94	45	1					
Eng. V4Y.711													
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		

1	2	3	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
RENAULT DIESEL													
R19 Chamade 1.9 D	88-95	80	IN	V855	7701 462 813	36,1x8x111,7	60	1		VV146		8x13,06x39	B
R21 Nevada 1.9 D	89→	4			7701 466 716					VV146.1		+0,05	F
Clio 1.9 D	90→				7701 465 107					VV146.2		+0,20	
Expres 1.9 D	85→			V855N3		+1,0S							
Rapid 1.9 D	91-97												
R19 Chamade 1.9 TD	91-96		EX	V856	7701 462 814	31,6x8x111,3	45	1		VV146		8x13,06x39	B
R21 1.9 TD	89→				7701 466 717					VV146.1		+0,05	F
Megane 1.9 TD	96→			V856N3		+1,0S				VV146.2		+0,20	
Megane, Scenic 1.9 TD	97-99												
Eng. F8Q/F8Q Turbo													
1870ccm	47/66/68/70kw(64/90/92/95PS)												
Megan III 1.6 DCi	11→	79,5	IN	V2103	132010370R	23,5x6x104,2	45	3		VV319		6x11,07x40,5	B
Grand Scenic III 1.6 DCi	11→	4								VV319.1		+0,05	F
Eng. R9M404										VV319N		+0,20	
1598ccm			EX	V2104	132024894R	23,4x6x104,1	45	3		VV319		6x11,07x40,5	B
										VV319.1		+0,05	F
										VV319N		+0,20	
Clio 1.9 D	91-99	80	IN	V837	7701 468 035	35,2x8x111,6	45	1		VV146		8x13,06x39	B
Clio II 1.9 D	98→	4								VV146.1		+0,05	F
Kangoo, Megane 1.9 D	95→									VV146.2		+0,20	
Rapid 1.9 D	94-98												
R19 Chamade 1.9 D	93→		EX	V856	7701 462 814	31,6x8x111,3	45	1		VV146		8x13,06x39	B
Expres 1.9 D	91-97			V856N3		+1,0S				VV146.1		+0,05	F
Eng. F8Q										VV146.2		+0,20	
1870ccm	48kW(65PS)												
R19 Chamade 1.9 TD	95→												
Megane 1.9 TD	96→												
Eng. F8Q Turbo													
1870ccm	66/69kW(90/94PS)												
Kangoo 1.9 D	97→	80	IN	V885	7701 469 369	35x8x110	45	1		VV146		8x13,06x39	B
Eng. F8Q-662		4	IN	V1057	7701 468 190	35x8x110,5	45	1		VV146.1		+0,05	F
Clio 1.9 D	98→									VV146.2		+0,20	
Eng. F8Q-630													
Megane 1.9 D	99→		EX	V886	7701 469 373	31,3x8x109,8	45	1		VV146		8x13,06x39	B
Express 1.9 D	94→		EX	V1058	7701 468 193	31,5x8x110,5	45	1		VV146.1		+0,05	F
Eng. F8Q-662/640										VV146.2		+0,20	
1870ccm	103kW(140PS)												

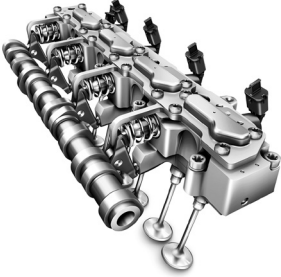
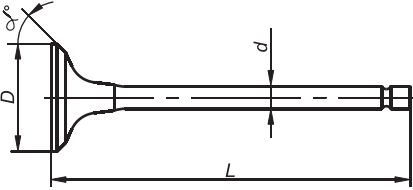
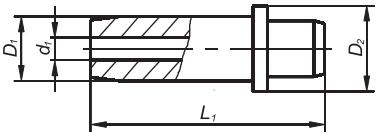
1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
RENAULT DIESEL												
												
1	2	3	4	5	6	7	8	9	10	11	12	
Laguna 1.9 TDI/DCI	95→	80	IN	V951	7701 471 702	35,4x7x111	45	1	VV182	7700 859 086	7x12,06x38,3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

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

1	2	3	4	5	6	7	8	9	10	11	12
RENAULT DIESEL											
Master B80 2.5TDi 94→ Eng. 8140.07 Turbo Master 2.5D 93→ Eng. 8140.27 Sofim Aspirated 2499ccm 85kW(115PS)	93	IN	V470 V470N1 V470N3	4 813 760 4 301 821 7 302 157	41x8x122 34,4x8x122 +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
Safrane 2.5 TD 92→ Eng. 8144.97 2499ccm 85kW(115PS)	93	IN	V326 V326N3	7701 463 603 7701 462 678 7701 467 250	41x8x120,7 +1,0S	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
Master T35 2.5TD 80→ Safrane 2.5TD 92-96 Eng. S8U 2499ccm 83kW(113PS)	94,4	IN	V326 V326N3	7701 463 603 7701 462 678 7701 467 250	41x8x120,7 +1,0S	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
Master T28 2.8 DT 00→ Eng. S9W 702 2798ccm 84kW(114PS)	94,4	IN	V326 V326N3	7701 463 603 7701 462 678 7701 467 250	41x8x120,7 +1,0S	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
Master R/Q 2.5D 81→ Eng. 8140.61 N ^o .452001 Trafic/Master 2.5D 81→ Eng. S8U N ^o .452001 2445ccm 53-83kW(72-113PS)	93	IN	V326 V326N3	7701 463 603 7701 462 678 7701 467 250	41x8x120,7 +1,0S	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

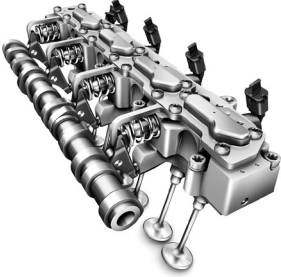
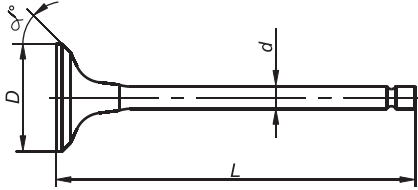
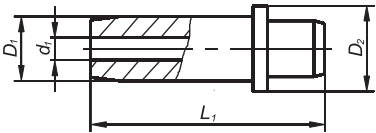
1	2	3	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE		
														4	5
RENAULT DIESEL															
Master T28, T30, T35 2.4D 80→ Eng. 8140.61.2300/200 2445ccm 53kW(72PS)	93	4	IN	V326	7701 463 603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

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 EX	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 IN EX	V2165 V2163 V2164	5000 044 429 5000 676 255 5000 676 257	46x10x140 45,8x10x140,2 39x10x140,2	45 1 60 1 45 1	VV569 VV569 VV560		10x16,05x86 10x16,05x86 10x16,05x67	G A G A 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

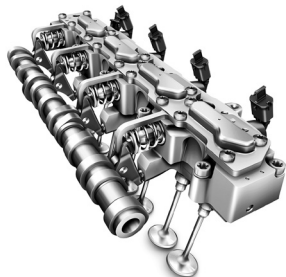
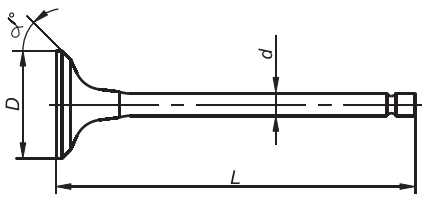
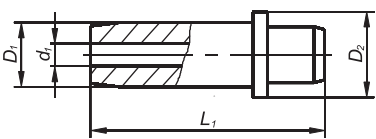
RENAULT DIESEL

Eng. A 4.236 3864ccm 37/65kW(50/89PS)	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							
		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		
			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.	IN	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
			Ø	EX									
1	2	3	4	5	6	7	8	9	10	11	12		

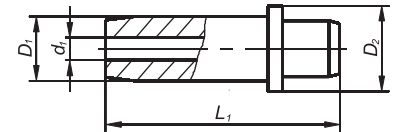
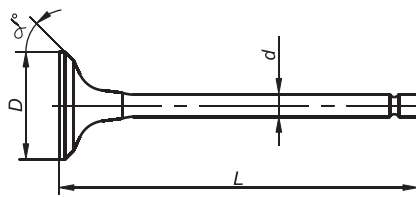
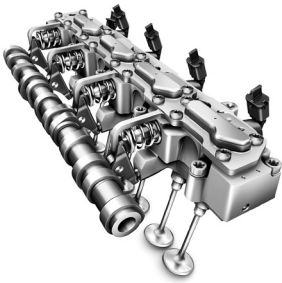
RENAULT DIESEL

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		10x16,05x86	G A
Eng. 798-13 12V 5490ccm	111-112kW(151-152PS)		IN	V2163	5000 676 255	45,8x10x140,2	60	1	VV569		10x16,05x86	G A
			EX	V2164	5000 676 257	39x10x140,2	45	1	VV560		10x16,05x67	G F

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

R.V.I.

ENG. 8140.21 Turbo B90 2445ccm 86→ 68kW(92PS)	93 4	IN	V326	7701 463 603 7701 462 678	41x8x120,7 +1,0S	60	1	VV58	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	V326N3						VV58.1 VV58.2 VV58.3 VV58.4		
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 +1,0S	60	1	VV58	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	V326N3						VV58.1 VV58.2 VV58.3 VV58.4		
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 +1,0S	60	1	VV57	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	V326N3						VV57.1 VV57.2 VV57.3 VV57.4		
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	V681	5001836573	35,9x8x122 +1,0S	45	1	VV57	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	V681N3						VV57.1 VV57.2 VV57.3 VV57.4		



1	2	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

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				F
			V199N1	+0,5S			VV01N2				
			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				F
			V343.2	+0,4d			VV01N2				
			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				
							VV01N	F			
							VV01N2				
		EX	V200	36,6x9,5x123,3	45	1	VV02		33261752	9,5x15,9x61	G
			V200N	+0,3S			VV02N	F6			
			V200N1	+0,5S			VV02N2				
			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				
V344.1	+0,075d				VV02N	F6					
V344.2	+0,4d				VV02N2						
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										

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE								
														4	5	6	7	8	9	10	11
R.V.I.																					
ENG. T4.40 4.0D 90-92 S120 3990 mm 82/88kW(112/120PS)	100	IN	4	V1077 V1077N3	3142 L071	45x9,5x122,9 +1,0S	45	1		VV01 VV01N VV01N2	33261732	9,5x15,9x58 +0,05 +0,40	G F								
				EX						V1078 V1078N3				3142 A051	37,5x9,5x123,3 +1,0S	45	1	VV02 VV02N VV02N2	33261752	9,5x15,9x61 +0,05 +0,40	G F6
ENG. MIDR 06.02.26 93→ H/Q/U/V/W/X Turbo M150. M180. M200, M210 M230. G200. G210. S150. S180. PS150. PP180 6174ccm	102	IN	6	V1651	5000667762	46,5x10x140,2	60	1		VV559	5000684383	10x16,05x78	G F								
				EX						V1652				5000676258	40,6x10x140,2	45	1	VV560	5000684384	10x16,05x67	G F
				IN						V2163					45,8x10x140,2	60	1	VV569		10x16,05x86	G A
				EX						V2164					39x10x140,2	45	1	VV560	5000684384	10x16,05x67	G F
Midliner M 160.12/C 89-93 Midliner M 160/13/14/15 89-93 Midliner S 110/130 83-90 Midliner S 150/160 90-93 Midliner S 160.09/B 90-93 Eng. 797, 797-21 Eng. MIDS 06.02.12 B 5453ccm 96/76/117kW(130/103/159PS)	102	IN	6	V2163		45,8x10x140,2	60	1		VV569		10x16,05x86	G A								
				EX						V2164					39x10x140,2	45	1	VV560	5000684384	10x16,05x67	G F
GG 170.11 83-90 GG 170.13/15/16/17 83-90 Midliner M 140.12/13 89-93 Midliner S 140.07/08 90-93 Midliner S 150/170 84-93 Eng. 797-10/20/26 Eng. 798, 798/10/20 Eng. MIDR 06.02.12/C/D 5490ccm 89-134kW(121-182PS)	102	IN	6	V2163		45,8x10x140,2	60	1		VV569		10x16,05x86	G A								
				EX						V2164					39x10x140,2	45	1	VV560	5000684384	10x16,05x67	G F
Midlum 180.08/B 00→ Midlum 180.10/B 00→ Eng. MIDR 06.02.26 V/4 6177ccm 132kW(180PS)	102	IN	6	V2163		45,8x10x140,2	60	1		VV569		10x16,05x86	G A								
				EX						V2164					39x10x140,2	45	1	VV560	5000684384	10x16,05x67	G F

	CYL. Ø Nº	IN 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

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 6 96-00 87-90 87-90 87-90	102 6 EX	IN EX	V2163 V2164		45,8x10x140,2 39x10x140,2	60 45	1 1	VV569 VV560		5000684384	10x16,05x86 10x16,05x67	G A G F
OM 926.925 18V 7201ccm 215/220kW(292-299PS)		106 6	IN IN EX	V1221 V1223 V1222		34x8x125,9 34x8x128,9 38x8x152,7	70 70 45	1 1 1	VV295 VV295N VV295 VV295N VV337 VV337N VV295 VV295N			8x13,05x60 +0,05 8x13,05x60 +0,05 8x14,05x60 +0,05 8x13,05x60 +0,05	G F G F G F G F
ENG. D0846 S45, S53, S105 7030ccm 118kW(160PS)	80-94	108 6	IN EX	V1301 V1302	5000280785 5000816454 5000280784 5000816455	52x11x155,1 43x11x155,5	45 45	1 1	VV313 VV314	51 03201 0014 51 03201 0012		11x18,04x81 11x18,04x70	G A2 G A2
ENG. MID 06.20.30 ENG. MIDR 06.20.30 ENG. MIDS 06.20.30 ENG. MIDS 06.20.30N/P 8820ccm 141-194kW(192-264PS) ENG. MID 06.20.45 ENG. MIDR 06.20.45 A/B/D/E/H ENG. MIDS 06.20.45 ENG. MIDS 06.20.45 B/D/J ENG. MIPS 06.20.45 9839ccm 152-265kW(207-360PS)	81-86 82-90 83-93 85→ 93→	120 6	IN EX	V1653 V1654	5000663529 5000663469	54x9x163,3 48x9x163,1	60 45	1 1	VV507 VV507N VV508 VV508N VV508 VV508N VV568 VV568N	50 10 359 098 00 00 157 983 00 00 157 983 50 10 359 099		9x17,04x78 +0,05 9x17,04x78 +0,05 9x17,04x78 +0,05 9x17,53x78 +0,05	G A G F G F G F

1	2	3	4	5	6	7	8	9	10	11	12
R.V.I.											
ENG. D2156 MTNS Turbo 74→ SM 260/280 SH 280T 10350ccm 210kW(285PS)	121	IN	V339	5000 278 461 51 04101 0379	55,9x12x148,9	60	1	VV19	51 03201 0047	12x20,06x78	G F
		EX	V304	5000 046 567 51 04101 0373	48,9x12x148,5	45	1				
ENG. D2356 HM 6DK 74→ SM 260 HT/MT/V 10350ccm 173kW(235PS)	123	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				
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	IN	V1879		40x8x192	60	3	VV487 VV487N		8x15x83,4 +0,05	G F
		EX	V1880		38x8x192,7	60	3				
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	IN	V1417	5010359501	42x8x185,5	60	1	VV328	50 1055 0145	8x14,03x80	G F
		EX	V1418	5010412164	38x8x185,5	45	1				
Magnum 00→ Euro Tech 400/400T Euro Tech 440/440T Euro Tech 480/480T	124	IN	V1729	5010284847	43x9,5x179,2	70	8	VV473	5010284732	9,5x17,49x80	G F
		EX	V1730	5010284848	39,9x9,5x177,5	60	8				
Magnum Eng. Mack AE500/AE520 NEW	8	IN	V2347	5000824990	44,9x9,5x173,8	70	8				
		EX	V2348	5000824991	42x9,5x172,8	60	8				
ENG.MIDR 635.40/G/H/H2/L1/N3 91→ Turbo 12024ccm 275kW(374PS)	135	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)											

1	2	3	4	5	6	7	8	9	10	11	12
ROLLS-ROYCE											
Silver Seraph 5.4 98→ Eng. M73 B54 5379ccm 240kW(326PS)	85 12	IN	V1177		42x7x104	45	3	VV188		7x12,55x43,5	B
		EX	V1178		36x7x103	45	3	VV188.1 VV188.2 VV188.3 VV188.4		+0,05 +0,10 +0,20 +0,30	F
		EX	V1178		36x7x103	45	3	VV188		7x12,55x43,5	B
								VV188.1 VV188.2 VV188.3 VV188.4		+0,05 +0,10 +0,20 +0,30	F
ROMAN DIESEL											
Series 10.215 73-75 Eng. D 2156 HMN 8 10344ccm 159kW(216PS)	121 6	IN	V303		55,9x12x148,9	45	1	VV19		12x20,06x78	G F
		EX	V304		48,9x12x148,5	45	1	VV20		12x20,06x69	G F
Series 11.154 82-88 Eng. D 2156 HTN 8 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
ROTAX											
NEW	4	IN	V2219		31x5x91	45	3	VV589		5x11,07x37	G F
		EX	V2220		27x5x89,4	45	3	VV589		5x11,07x37	G F
NEW		IN	V2369		38x6x90,3	45	3				
		EX	V2370		30,9x6x90,6	45	3				

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
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 EX	V1329 V1330	LGH 10029 LGH 10028 LGH 100820	27,7x6x89,6 24,2x6x90	45 45	1 1	VV269 VV269N VV269 VV269N	WAM 1452 WAM 1452	6x9,85x30 +0,05 6x9,85x30 +0,05	G A G A
216 Si, SLi 1.6i 16V 416 Si, SLi, ESi 1.6i 16V 200, 400 Si 1.6i 16V 25, 45 1.6i 16V Eng. 16K4F, K16EFi 1588ccm 81kW(110PS)	96→ 95→ 01→	80 4	IN EX	V1329 V1330	LGH 10029 LGH 10028 LGH 100820	27,7x6x89,6 24,2x6x90	45 45	1 1	VV269 VV269N VV269 VV269N	WAM 1452 WAM 1452	6x9,85x30 +0,05 6x9,85x30 +0,05	G A G A
25, 45, 75 1.8i 16V Freelander 1.8i 16V Eng. 18K4F 1796ccm 88kW(120PS)	01→	80 4	IN EX	V1329 V1330	LGH 10029 LGH 10028 LGH 100820	27,7x6x89,6 24,2x6x90	45 45	1 1	VV269 VV269N VV269 VV269N	WAM 1452 WAM 1452	6x9,85x30 +0,05 6x9,85x30 +0,05	G A G A
216i 1.6i 16V 416i 1.6i 16V Eng. D16A8/A9 1590ccm 90/96kW(112/135PS)	90-96 90-98	75 4	IN EX	V1015 V1016	14711-PG6-000 14712-PG6-000	30x6,6x105,5 27x6,6x104,6	45 45	1 1				
100 Metro 1.1 111 SLi, GSi, SEi 1.1 200, 211 1.1 25 1.1 Eng. 11K2 A/B/C/D/F 1113ccm 44kW(59PS)	90→ 90→ 95→ 01→	75 4	IN EX	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→											

1	2	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
ROVER													
216i, GSi, GTi 1.6i 16V 416i, GSi/GTi 1.6i 16V Eng. ZC1/D16A7 HONDA 1590ccm 82/99kW(112/135PS)	90→ 90-96	75 4		IN EX	V1529 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		IN EX	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		IN EX	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
Rover 25 1.8i 16V Rover 45 1.8i 16V Rover 75 1.8i 16V Rover 200 Vi 1.8i 16V Rover 218 1.8i 16V Rover 418 1.8i 16V Eng. 18K4K (VVC) DOHC 1796ccm 86kW(116PS)	99→ 00→ 99→ 99→ 00→ 00→	80 4		IN EX	V1331 V1332	LGH 10064 LGH 10065	31,5x6x89,6 27,5x6x90	45 45	1 1	VV415 VV415N VV416 VV416N VV415 VV415N	LGJ 10034 LGJ 10033 LGJ 10034	6x9,89x30 +0,05 6x10,14x30 +0,05 6x9,89x30 +0,05	G A1 G A12 G A1
Rover 45 2.0i 24V Rover 75 2.0i 24V Rover MG75 2.0i 24V Eng. 20K4F 1991ccm 110kW(150PS)	99→ 99→ 99→	80 V6								VV416 VV416N	LGJ 10033	6x10,14x30 +0,05	G A12
Rover 825 2.5i 24V Rover 75 2.5i 24V Rover MG75 2.5i 24V Freelander 2.5i 24V Eng. 25K4F 2497ccm 130kw(177PS)	99→ 99→ 99→ 01→												

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
ROVER												
Defender 10 2.8i 24V Eng. M52 B28 TU 2793ccm 142kW(193PS)	90-01	84 6	IN	V1131		32,9x6x106,1	45	3	VV202 VV202.1 VV202.2 VV202.3		6x12,56x43,5 +0,05 +0,10 +0,20	B F
Range Rover III 4.4i 32V Eng. M62 B44 TU 4398ccm 210kW(286PS)	02→	92 8	EX	V1132		30,4x6x105,7	45	3	VV202 VV202.1 VV202.2 VV202.3		6x12,56x43,5 +0,05 +0,10 +0,20	B F
Discovery 2.0 Mpi 16V 220 2.0 16V Turbo 420VVC 2.0 16V Turbo 620Ti 2.0 16V Turbo 820 Si/SLi 2.0 16V Turbo Eng. 20T4H/T16.4 1996ccm 100kW(136PS)	93→ 91→ 96→	84,5 4	IN	V1655	LGH 101060 LGH 10020	31,9x7,1x110,8	45	1	VV557	LGJ100540	7,1x12,10x46,8	G A3
			EX	V1656	LGH 101000	29,4x7,1x110,8	45	1	VV558	LGJ100550	7,1x12,10x51,2	G A36
600 620i 16V 600 620Si 16V Eng. F20Z1, F20Z2 1997ccm 96/85kW(131/115PS)	93-96 93-96	85 4	IN	V1529	14711-PM3-000	29x5,5x115	45	1	VV347 VV347N	12204-PJ7-305	5,5x11,06x47,5 +0,05	G P
			EX	V1530	14721-PM3-000	24,9x5,5x118,7	45	1	VV348 VV348N	12205-PJ7-305	5,5x11,06x54 +0,05	G P
Range Rover 4.4 32V Eng. M62 B44 4398ccm 210kW(286PS)	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
Discovery 1 3500ccm Discovery 2 3900ccm Defender 4000ccm Range Rover 4600ccm NEW		V8	IN	V2323	LGH000030	39,9x8,7x117	45	9				
			EX	V2324	LGH000040	24,3x8,7x117	45	9				

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
ROVER													
Range Rover Sport Discovery III Eng. 448S2 4400ccm NEW	02→	V8		IN	V2325	4646005 LR002447	34,8x5x105,3	45	1				
				EX	V2326	4646004	30,9x5x105,1	45	1				
ROVER DIESEL													
Mini One 1.4 TDi Eng. 1ND TV Toyota 1364ccm	03→	71 4		IN	V1487	1134 7 791 054	30,6x6x100	45	1	VV374	11122-30020	6x11,09x40,6	G P
				EX	V1488	1134 7 791 055	28x6x99,8	45	1	VV374	11122-30020	6x11,09x40,6	G P
Rover 114 1.4D Metro 1.4 CD/LD/SD Eng. TUD3, TUD3Y-SOHC 1361ccm	92→ 92-95	75 4		IN	V809 V809N3	95 638 449	35,5x7x108,4 +1,0S	45	1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F
				EX	V810 V810N3	95 638 450	30,6x7x108,2 +1,0S	45	1	VV210 VV210.1 VV210.2		7x13,07x42,8 +0,05 +0,20	B F
Rover 115 1.5 SD/SLD Eng. TUD5, SOHC/OHC 1527ccm	95→	77 4		IN	V1089 V1089N1	0948.74	37x7x108,5 +0,5S	45	1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F
				EX	V1090 V1090N1	0949.80	31,5x7x108,2 +0,5S	45	1	VV209 VV209.1 VV209.2		7x13,07x40,2 +0,05 +0,20	B F
Land Rover Discovery 2.5DT Range Rover 2.5TD Eng. M51D25/D256TM-BMW 2497ccm	94→ 94→	80 6		IN	V939	STC 2156	35,9x6x103,7	45	3	VV162 VV162.1 VV162.2	1112 1 244 464	6x12,56x39,5 +0,05 +0,10	B F
				EX	V940	STC 2149	30,9x6x103,5	45	3	VV162 VV162.1 VV162.2	1112 1 244 464	6x12,56x39,5 +0,05 +0,10	B F

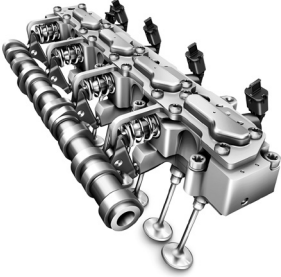
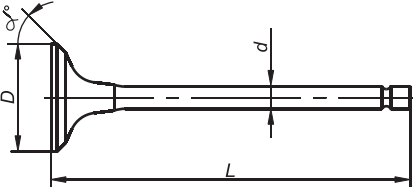
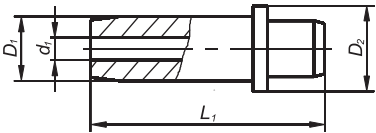
1	2	3	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
ROVER DIESEL													
Rover 218 1.8TD	91-96	80	IN	V721A	LGH 10051	38,5x8x112,4	45	1		VV187		8x14,06x48	B
Rover 418 1.8TD	91-96	4		V721N1		+0,5S			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

1	2	3	4	5	6	7	8	9	10	11	12
ROVER DIESEL											
Maestro Clubman DLX 2.0D 86-92 Maestro Van 500/700 Cyti 2.0D 86-92 Eng. Prima 65 1994ccm 46kW(63PS)	84,4	IN EX	V1489 V1490	LGH 10036 BDU 1399 LGH 10037 BDU 1400	37,2x7,4x93,8 33,6x7,4x93,8	45	1	VV366 VV366N VV366 VV366N	CAM5821 CAM5821	7,4x12,06x39 +0,05 7,4x12,06x39 +0,05	G A1 G A1
Montego DL/DSL 2.0TD 88-92 80 TD 2.0 TD 87-→ Eng. Prima 80T Turbo 1994ccm 60kW(82PS)											
Rover 200 2.0 TDi 16V 95-→ Rover 400 2.0 TDi 16V 95-→ 1994ccm 77kW(105PS)	84,5	IN EX	V1333 V1334	LGH 100990 LGH 100980	37,2x7x86,7 32,5x7x86,7	45	1	VV375 VV375	LGJ 100510 LGJ 100510	7x12,05x28,3 7x12,05x28,3	G A G A
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)											
Defender 2.5TDi -td5 98-→ 90/110/130 Discovery 2.5TDi -td5 99-→ Eng. 10P, 15P 2495ccm 90kW(122PS)	84,5	IN EX	V1731 V1732	ERR 6611 ERR 6612	34,7x7x105,3 31,7x7x105,3	60	3	VV474 VV474	ERR 7225 ERR 7225	7x12,06x39 7x12,06x39	G A G A
Freelander 2.2 Td4 16V 06-→ Eng. 4HT 2179ccm	85	IN EX	V1723 V1724	0948.E5 0949.E1	27,2x6x95,8 25x6x95	45	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
Defender 2.5TDi 90-94 90/110/130 Discovery 2.5TDi 89-94 Range Rover 2.5TDi 90-94 Eng. 12L-300TDi 2495ccm 83kW(113PS)	90,5	IN EX	V1647 V1648	ERR 1157 ERR 1156	39,5x8x116,5 36,5x8x116,5	60	3	VV438 VV438	ETC 8003 ETC 8003	8x14,07x49 8x14,07x49	G F G F

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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
ROVER DIESEL												
Range Rover 2.0TD Land Rover 2.0TD Santana 2.0TD 1986ccm	86→ 86→ 86→ 84kW(114PS)	92 4	IN	V1167	AEU 2296	40,2x8x121	55	1	VV411 VV411.1 VV411.2	8x14,06x55 +0,03 +0,18	G A	
Range Rover 2.4 TD Eng. VM 492 HT Turbo 2393ccm	90→ 67kW(91PS)								VV521 VV521.1 VV521.2	8x14,06x55 +0,03 +0,18	G F	
Range Rover 2.5 TD Rover 825 D/SD/SLD 2.5 TD Eng. VM84A, VM 492 HR/HS Turbo 2498ccm	90→ 90→ 87kW(118PS)		EX	V1168	LGH 10041	34x8x121	45	1	VV411 VV411.1 VV411.2	8x14,06x55 +0,03 +0,18	G A	
Range Rover Sport Discovery III 3600ccm NEW	02→	V8	IN	V1725	1311281	27,7x6x97,1	45	3				
			EX	V1726	1316137 1520918	25,2x6x96,4	45	3				
RUGGERINI												
Motore RD 80		1	IN	V661	960.022	30,5x9x105	45	1	VV89 VV89N	464 039	9x15,03x45 +0,1	G A13
			EX	V662	960.023	30,5x9x105	45	1	VV90 VV90N	464 040	9x15,03x45 +0,1	G A12
Motore RD 85		1	IN	V663	960.016	35x9x105	45	1	VV89 VV89N	464 039	9x15,03x45 +0,1	G A13
			EX	V664	960.015	35x9x105	45	1	VV90 VV90N	464 040	9x15,03x45 +0,1	G A12
MD 300 – MD 350		3	IN	V1083	960.58	37x7x84,5	45	1				
			EX	V1084	960.59	33x7x84,5	45	1				
RF 80 – 90 RD 180		1 2	IN	V425	960.49	33x7x95	45	1	VV228		7x13x39	G F1
			EX	V426	960.50	30x7x95	45	1	VV228		7x13x39	G F1

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE										
														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	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																						

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
SAAB												
900 I 2.0i 16V	88-93	90	IN	V1945	7484801	32x7x108,3	45	3	VV503	7560154	7x12,05x49,2	G
900 II 2.0i 16V	94-98	4			7562002				VV503N		+0,05	F
900 III 2.0i 16V	93-98											
Eng. B 204 I			EX	V1946	7500085	29x7x108,3	45	3	VV503	7560154	7x12,05x49,2	G
1985ccm	96kW(131PS)				9165598				VV503N		+0,05	F
9.3 2.0i Turbo 16V	98-00	90	IN	V1947	9165580	33x7x107,8	45	3	VV503	7560154	7x12,05x49,2	G
900 II 2.0i Turbo 16V	93-98	4							VV503N		+0,05	F
9000 2.0i Turbo 16V	93-98											
Eng. B 204 L									VV561	9185612	7x12,05x43	G
1985ccm	136kW(185PS)											F
9000 2.3i 16V	89-93		EX	V1946	7500085	29x7x108,3	45	3	VV503	7560154	7x12,05x49,2	G
Eng. B 234					9165598				VV503N		+0,05	F
2290ccm	107/114kW(146/155PS)								VV561	9185612	7x12,05x42,7	G
9 - 3 2.3i 16V	98-00											F
900 II 2.3i 16V	93-98											
9000 2.3i 16V	93-98											
Eng. B 234 I												
2290ccm	108/118kW(147/160PS)											
9000 2.3i Turbo 16V	92-98											
Eng. B 234 R												
2290ccm	165kW(224PS)											
9-3 B205-E-R-L / B235-R	98→		IN	V2353	9185851	33,1x5x107,5	45	3				
9-5 B205-E-R-L / B235-R												
Eng. B205E			EX	V2354	9179219	29x5x107,9	45	3				
2000ccm					9399965							
Eng. B235R												
2300ccm												
NEW												
Eng. Vortec 256C.I.	09→		IN	V2279	12601763	38,6x6x105,8	45	3				
2921/3651/4200ccm		4										
NEW		6	EX	V2280	12601762	33,5x6x107,9	45	3				

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

SAAB DIESEL

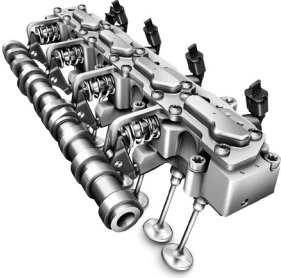
9 - 3 1.9TDi Eng. Z19DT 1910ccm 88kW(120PS)	04→	82 4	IN	V1033	641 083	35,5x8x115	45	3	VV260	7 565 472	8x14,04x43	G
			EX	V1034	641 089	34,5x8x115	45	3	VV260.1	46 433 782	+0,03	F
9 - 3 1.9TDi 16V 9 - 5 1.9 TDi 16V Eng. Z19DT/DTH 1910ccm 110kW(150PS)	04→ 06→	82 4	IN	V1415	641 074	27,8x6x114,4	45	3	VV459	93178836	6x11,04x47	G
			EX	V1416	641 386	25,8x6x114,4	45	3	VV459.1	93178838	+0,03	F
9 - 3 2.2 TDi 16V 9 - 5 2.2 TDi 16V Eng. X22 DTH/D223L 2171ccm 85kW(116PS)	98→ 02→	84 4	IN	V953	4772380	29x6x97,1	45	3	VV163	4770269	6x10,04x45	G
			EX	V954	4772414	26x6x97,1	45	3	VV163.1		+0,03	F
9 - 5 3.0TDi 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

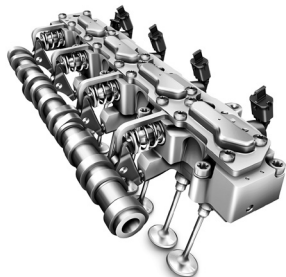
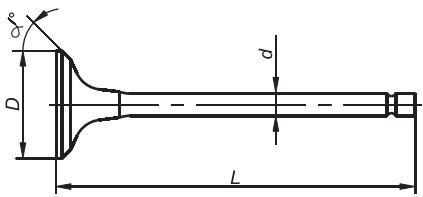
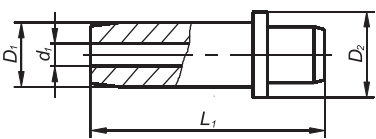
MGO V12 ASH /VARTSILA/ 642/643	60-67		IN	V473	DLT 55651	56,6x12x212,4	60	1	VV83		12x22,04x103	G F1
			EX	V474	DLT 55863	51,2x12x212,1	45	1	VV83		12x22,04x103	G F1

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

	CYL. Ø Nº	IN 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
SAURER											
ENG.D2KT Type D330 11900ccm 224kw(304PS)	130	IN	V1285	463 0051 150	43,9x10x166,9	45	1	VV293		10x17,03x77,5	G A
ENG.D2K Type D250 12500ccm 172kw(233PS)	133	IN	V1287	463 0051 160	43,9x10x166,9	45	1	VV293		10x17,03x77,5	G A
		EX	V1286	463 0005 141	38,9x10x166,9	45	1	VV294		10x17,03x67,5	G A
SAVIEM											
Eng. 712.01 8V Eng. 712.03, 712.04 8V Eng. 712-01-01 8V Eng. 712-01-04 8V 3320ccm 51-68kW(70-92PS)	98	IN	V2163		45,8x10x140,2	60	1				
	4	EX	V2164		39x10x140,2	45	1				
Eng. 712-01-03 8V 3320ccm 56kW(73PS)	98	IN	V2165	5000 044 429	46x10x140	45	1	VV569		10x16,05x86	G A
	4	IN	V2163		45,8x10x140,2	60	1	VV569		10x16,05x86	G A
		EX	V2164		39x10x140,2	45	1	VV560		10x16,05x67	G F
Eng. 720-12 8V 3595ccm 65kW(85PS)	102	IN	V2165	5000 044 429	46x10x140	45	1	VV569		10x16,05x86	G A
	4	IN	V2163		45,8x10x140,2	60	1	VV569		10x16,05x86	G A
		EX	V2164		39x10x140,2	45	1	VV560		10x16,05x67	G F
Eng. 720 8V Eng. 720-01/02/08 8V 3596ccm 66/74kW(89/100PS)	102	IN	V2163		45,8x10x140,2	60	1	VV569		10x16,05x86	G A
	4	EX	V2164		39x10x140,2	45	1	VV560		10x16,05x67	G F

1	2	3	4	5	6	7	8	9	10	11	12
SAVIEM											
Eng. 797 12V 5489ccm 98-110kW(133-150PS)	102 6	IN	V2165	5000 044 429	46x10x140	45	1	VV569		10x16,05x86	G A
		IN	V2163		45,8x10x140,2	60	1	VV569		10x16,05x86	G A
		EX	V2164		39x10x140,2	45	1	VV560		10x16,05x67	G F
Eng. 797.02 12V Eng. 797.03 12V Eng. 797.04 12V 5489ccm 100kW(136PS)	102 6	IN	V2163		45,8x10x140,2	60	1				
		EX	V2164		39x10x140,2	45	1				
Eng. 797-10 Eng. 797-13 5490ccm 98/111kW(135/151PS)											
Eng. 798-10 12V 5490ccm 111kW(151PS)	102 6	IN	V2163		45,8x10x140,2	60	1	VV569		10x16,05x86	G A
		EX	V2164		39x10x140,2	45	1	VV560		10x16,05x67	G F
SM 10 Eng. D 0846 HMN 2 7252ccm 118kW(160PS)	69→ 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)	66-75 6 74-75	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)	74-78 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)	74-80 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 Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

SAVIEM

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
			IN	V1615	391608 1319081	51x11x162,5	70	1	VV65	180 197 300 957	11x18,02x80	G A
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 Inrtercooled 8471ccm	85→ 87→ 150/185kW(204/252PS) 85→ 85→	115 6	EX	V1616	366256	44x11x162,5	45	1	VV66	223 632 300 958	11x18,02x73	G A
			IN	V1615	391608 1319081	51x11x162,5	70	1	VV65	180 197 300 957	11x18,02x80	G A

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
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)	06→ 06→	130 6	IN EX	V2133 V2134	1854798 1854799 1886946 1887056 1778492 1781847	44x10x171,4 41x10x171,5	70 45	4 4	VV307 VV307	1403823 1403823	10x16,02x73 10x16,02x73	G F G F

1	2	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			
														4	5	6
SCANIA																
DC9-13 Eng. DC913 9000ccm NEW	08→	5 6	IN	V2133	1854798 1887056	44x10x171,4	70	4	V307	1403823	10x16,02x73	G F				
														EX	V2264	2032823
SEAT																
Marbella LS/GLS/GLX 0.9 Fura L/GL 0.9 Ibiza Junior 0.9 Terra 0.9 Eng. Fiat 100 GL 3.C.O Eng. Fiat 146A 000 903 ccm	82→ 84→ 86→ 87-95	65 4	IN	V257	HB 012301 4 265 695	29x7x95,3	45	1	V70	4 265 699	7x13,01x42,5	G F F F				
														V70.1	4 372 331	+0,05
														V70.2	4 372 332	+0,10
														V70.3	4 265 700	+0,20
Marbella LS/GLS 0.9 Eng. 100 GL. 6.000 845 ccm	84→	67,1 4	EX	V258	HB 012302 4 377 979	26x7x95,7	45	1	V70	4 265 699	7x13,01x42,5	G F F F				
														V70.1	4 372 331	+0,05
														V70.2	4 372 332	+0,10
														V70.3	4 265 700	+0,20
Fura 1.0 Eng. A112 B1.054 965ccm	85→	67,1 4	EX	V852	030 109 611N	26x7x94,4	45	3	V217	032 103 419A	7x12/11,07x33	B G B F				
														V217.1	+0,15	
														V579	032 103 418A	7x11,07x33
														V579.1	+0,20	
Arosa 1.0 Cordoba 1.0 Ibiza 1.0 Eng. AER	97→ 97→ 97→	67,1 4	IN	V851	030 109 601AG	31x7x94,7	45	3	V217	032 103 419A	7x12/11,07x33	B G B F				
														V217.1	+0,15	
														V579	032 103 418A	7x11,07x33
														V579.1	+0,20	
Arosa 1.0i Eng. ALL 999 ccm	98→	67,1 4	EX	V703	047 109 601D	34x7x101,4	45	3	V217	032 103 419A	7x12/11,07x33	B G B F				
														V217.1	+0,15	
														V579	032 103 418A	7x11,07x33
														V579.1	+0,20	
Arosa 1.0 Eng. AHT 999 ccm	98→	67,1 4	EX	V704	047 109 611D	30,1x7x101,4	45	3	V217	032 103 419A	7x12/11,07x33	B G B F				
														V217.1	+0,15	
														V579	032 103 418A	7x11,07x33
														V579.1	+0,20	

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
SEAT											
Arosa 1.0 Eng. ALD, ANV Eng. AUC Cordoba 1.0 Ibiza 1.0 Eng. AUC 999ccm	67,1 01→ 00→ 99-02 99-02 37kW(50PS)	IN EX	V1439 V1440	030 109 601AK 030 109 611S	31x6x99 26x6x99	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
Altea 1.2 TSI Leon 1.2 TSI Ibiza 1.2 TSI Eng. CBZB 1197ccm	10→ 10→ 10→	IN EX	V1957 V1958	03F 109 601A 03F 109 611B 03F 109 611C	35,4x6x98,7 30x6x98,4	45 45	3 3				
Leon 1.2 TSI 16V Eng. CJZA-CJZB 1197ccm NEW	12→ 4	IN EX	V2355 V2356	04E 109 601A 04E 109 611K	26,4x5x110,2 23,5x5x110,1	45 60	3 3				
Ibiza 1.2 12V Eng. AWY 1197ccm	02→ 40kW(54PS)	IN EX	V1265 V1110	032 109 601L 030 109 611T	34,5x6x99,2 28x6x99,2	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
Mii 1.0 Eng. CHYA, CHYB 999ccm	11→ 74,5 3	IN EX	V2135 V2136	04E 109 601 04E 109 611L	29,5x5x110,3 26,9x5x110,3	45 60	3 3				
Ibiza 1.0I Eng. AAU, AEV 1043ccm	93→ 33kW(45PS)	IN EX	V847 V848	030 109 601N/M 030 109 611D	32x7x99,3 28,9x7x99,1	45 45	3 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
Ibiza 1.0 Eng. AAU 1043ccm Ibiza 1.4 Cordoba 1.4 Eng. ABD,AEX, AKV, APQ 1391ccm	93→ 33kW(45PS) 93-99 93-99 44kW(60PS)	IN EX	V682 V646	030 109 601E 030 109 611A	32x8x99,3 28,9x8x99,1	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

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
SEAT													
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
Ibiza 1.3 Eng. AAV Monomotronic →Nº 80 NW 500600 1272ccm 40kW(54PS)	93-94		EX	V646	030 109 611A	28,9x8x99,1	45 3			VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Cordoba CLX, GLX 1.4i.e. Ibiza 1.4i.e. Eng. ABD Monomotronic →Nº 1HNW 990000 1391ccm 40/44kW(55/60PS)	94→ 94-96												
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
Cordoba 1.4 Ibiza 1.4 Eng. ABD Nº 1H-PW 000001→ 1391ccm 44kW(60PS)	93-94 93-95		EX	V848	030 109 601L 030 109 601J 030 109 611D	36x7x99,3 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						
Cordoba 1.2i 12V Ibiza 1.2i 12V Eng. AZQ, BME 1198ccm 47kw(64PS)	02→ 02→	76,5 3	IN EX	V957 V958	036 109 601S 036 109 601AD 036 109 611K	29,5x6x100,9 26x6x100,5	45 3			VV181 VV181.1 VV181 VV181.1	058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F

1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Toledo, Leon 1.4i 16V 99→ Cordoba, Ibiza 1.4i 16V 99→ Arosa, Inca 1.4i 16V 00→ Eng. APE, AUB, AHW, AUA, AQQ, AXP BCA, AFK, ANM Cordoba, Ibiza 1.4i 16V 02→ Eng. BBY 1390ccm 55/74kw(75/101PS) Ibiza 1.6i 16V 06→ Toledo 1.6i 16V 00→ Leon 1.6i 16V 02→ Eng. AUS, AZD, ATN, BCB Cordoba 1.6i 16V 06→ Eng. BTG 1598ccm 77kw(105PS)	76,5 4	IN EX	V957 V958	036 109 601S 036 109 601AD 036 109 611K	29,5x6x100,9 26x6x100,5	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
Inca 1.4 00-03 Ibiza 1.4 99-02 Cordoba 1.4 98→ Arosa 1.4 97→ Eng. AKK, ANW, AUD 1391ccm 44kw(60PS)	76,5 4	IN EX	V1109 V1110	030 109 601AL 030 109 611T	33,5x6x99,2 28x6x99,2	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
Ibiza 1.4i 16V 96→ Cordoba 1.4i 16V 96→ Eng. AFH, AUA 1390ccm 74kw(100PS)	76,5 4	IN EX	V1107 V1108	036 109 601P 036 109 611L	29,5x6x97,9 26x6x97,3	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
Leon 1.4 TSI 16V 12→ Eng. CMBA/CXSA 1395ccm NEW	4	IN EX	V2177 V2178	04E 109 601B 04E 109 611J	28,5x5x110,3 25,1x5x110,1	45 60	3 3				
Inca 1.4i 95→ Ibiza, Cordoba 1.4i 96→ Arosa 1.4i 98→ Eng. AEX/AKV 1390ccm 44kw(60PS)	76,5 4	IN EX	V783 V784	030 109 601AH 032 109 611G	35,6x7x94,7 29x7x95	45 45	3 3	VV217 VV217.1 VV217 VV217.1	032 103 419A 032 103 419A	7x12/11,07x33 +0,15 7x12/11,07x33 +0,15	B G B G

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
SEAT												
Ibiza, Cordoba 1.6i	97→	76,5	IN	V783	030 109 601AH	35,6x7x94,7	45	3	VV217	032 103 419A	7x12/11,07x33	B
Inca 1.6i	97→	4							VV217.1		+0,15	G
Toledo 1.6i	93→											
Ibiza 1.6i	95→		EX	V784	032 109 611G	29x7x95	45	3	VV217	032 103 419A	7x12/11,07x33	B
Eng. ALM, AEE OHC 1598ccm	55kw(75PS)								VV217.1		+0,15	G
Arosa 1.6	98→	81										
Cordoba 1.6	98→	4										
Ibiza 1.6	98→											
Eng. AEK 1598ccm	74kw(101PS)											
Ibiza, Cordoba 1.6	93→	76,5	IN	V922	032 109 601G	34,6x7x94,8	45	3	VV217	032 103 419A	7x12/11,07x33	B
Eng. ABU, AEE 1598 ccm	55kw(75PS)	4	IN	V783	030 109 601AH	35,6x7x94,7	45	3	VV217.1		+0,15	G
			EX	V784	032 109 611G	29x7x95	45	3	VV217	032 103 419A	7x12/11,07x33	B
									VV217.1		+0,15	G
Altea 1.4 FSI 16V	06→	76,5	IN	V957	036 109 601AD	29,5x6x100,9	45	3	VV181	058 103 415	6x11,07x36	B
Cordoba 1.4 FSI 16V	06→	4							VV181.1		+0,05	F
Ibiza 1.4i 16V	06→											
Eng. BXW 1390ccm			EX	V958	036 109 611K	26x6x100,5	45	3	VV181	058 103 415	6x11,07x36	B
									VV181.1		+0,05	F
Cordoba, Ibiza 1.6	98→	81	IN	V869	078 109 601B	39,5x7x91,9	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
Leon, Toledo 1.6	98→	4							VV151N		+0,05	G
Arosa 1.6	98→								VV151.1		+0,15	
Eng. AKL/AEH/AFT 1595ccm	74kw(100PS)		EX	V870	048 109 611B 078 109 611C	32,9x7x91,2	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
									VV151N		+0,05	G
									VV151.1		+0,15	
Toledo 2.0i	93→	82,5										
Ibiza 2.0i	95→	4										
Alhambra, Cordoba 2.0 i	95→											
Eng. ADY/AGG 1984ccm	85kW(115PS)											
Alhambra 2.0i	00→											
Eng. ATM												

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
SEAT												
Altea 1.6 Leon 1.6 Toledo 1.6 Teng, BGU, BSE, BSF 1595ccm	04→ 05→ 04→ 75kw(102PS)	81 4	IN EX	V1379 V1380	06B 109 601D 06B 109 601B 06B 109 611C 06B 109 611B	39,4x6x93,8 32,9x6x93,8	45 45	3 3	VV393 VV393.1 VV393 VV393.1		6x12,07x36,4 +0,05 6x12,07x36,4 +0,05	B F B F
Toledo 1.6 Eng. EZ, ABN 1595ccm	91-99 55kW(75PS)	81 4	IN EX	V754 V702	035 109 601H 035 109 601G 026 109 611A 048 109 611A	38x8x91 33,2x8x91	45 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
Cordoba 1.6 Ibiza 1.6 Toledo 1.6 Inca 1.6 Eng. ABN-1F 1595ccm	94→ 93→ 92→ 95→ 55kw(75PS)	81 4	IN EX	V796 V702B	035 109 601K 035 109 601J 053 109 611	38x8x91,9 33,2x8x91	45 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 GL/GLX 1.8 Eng. AAM/RP 1781ccm	91-93 66kw(90PS)											
Cordoba GL/GLX 1.8i.e. Toledo GL/GLX 1.8i.e. Ibiza 1.8i.e. Eng. ABS, ACC, ADZ 1781ccm	93→ 93→ 93→ 66kw(90PS)											
Toledo GT 1.8i 16V Eng. KR, PL 1781ccm	91→ 95/98kw(129/133PS)	81 4	IN EX	V779 V780	027 109 601C 027 109 611D	32x7x95,5 28x7x98,2	45 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

1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Toledo GL, GLX 1.8i.e. 94→ Eng. AAM Monomotronic No 408198/001109→ 1781ccm 55kw(75PS)	81	IN	V1293	048 109 601E	38x7x91,8	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V870	048 109 611B	32,9x7x91,2	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Ibiza 1.8 94→ Cordoba 1.8 95→ Toledo 1.8 94-97 Eng. ADZ No 408198/001109→ 1781ccm 55/60kw(75/90PS)	81	IN	V1293	048 109 601E	38x7x91,8	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V870	048 109 611B	32,9x7x91,2	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Ibiza, Cordoba 1.8 16V 94→ Eng. ADL 1780ccm 95kw(130PS)	81	IN	V889	051 109 601B	32x7x95,5	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V890	051 109 611B	27x7x98	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
			V890	051 109 611B	27x7x98	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Leon 18i 20V 99→ Toledo 18i 20V 98-04 Eng. AGN, APG Leon 1.8i 20V Cupra R 02→ Eng. AMK Leon, 18i 20V Turbo 99→ Eng. APP 1781ccm 92/132/154kW	81	IN	V839*	058 109 601C	26,9x6x105,1	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
			V840*	058 109 611M	29,9x6x103,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
			V839*	058 109 601C	26,9x6x105,1	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
			V840*	058 109 611M	29,9x6x103,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F

1	2	3	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											
															4	5	6	7	8	9	10	11	12		
SEAT																									
Alhambra 18i 20V Turbo Eng. AJH, AWC	98→	81	4	IN		V839*	058 109 601C	26,9x6x105,1	45	3	VV181	058 103 415	6x11,07x36	B											
						* Retainer	s.e. 5 mm			VV181.1		+0,05	F												
Leon 18i 20V Turbo	99→	81	4	IN		V839*	058 109 601C	26,9x6x105,1	45	3	VV181	058 103 415	6x11,07x36	B											
Toledo 18i 20V Turbo Eng. AJQ, AUQ, AQX, BAM	98→														EX		V1634*	058 109 611E	29,9x6x103,9	45	3	VV181	058 103 415	6x11,07x36	B
Cordoba 18i 20V Turbo	99→																								
Ibica 18i 20V Turbo Eng. AQH, ARY 1781ccm	00→														EX		V1634*	058 109 611E	29,9x6x103,9	45	3	VV181	058 103 415	6x11,07x36	B
Leon 2.3 VR5	98→	81	4	IN		V929	021 109 601L	39x7x106	45	3	VV149	027 103 419	7x13/12,07x38	B											
Toledo 2.3 VR5 Eng. AGZ 2324ccm	98→														V5		V930	021 109 611F	34,2x7x107	45	3	VV149	027 103 419	7x13/12,07x38	B
		EX		V930	021 109 611F	34,2x7x107	45	3	VV149	027 103 419	7x13/12,07x38	B													
													EX		V930	021 109 611F	34,2x7x107	45	3	VV149	027 103 419	7x13/12,07x38	B		
Leon VR5 2.3 20V	01→	81	5	IN		V1217	022 109 601E	31x6x102,1	45	3	VV512		6x10,04x44	B											
Toledo VR5 2.3 20V Eng. AQN 2324ccm	01→														IN		V1219	022 109 601F	31x6x136	45	3	VV513		6x10,04x65	B
															EX		V1220	022 109 611B	27x6x102,5	45	3	VV512		6x10,04x44	B
Alhambra 2.8 24V Eng. AYL VR6	00-02	81	6	IN		V1217	022 109 601E	31x6x102,1	45	3	VV512		6x10,04x44	B											
Leon 2.8 24V Eng. AUE VR6 2792ccm	01→														EX		V1218	022 109 611C	27x6x136,4	45	3	VV513		6x10,04x65	B
															EX		V1220	022 109 611B	27x6x102,5	45	3	VV512		6x10,04x44	B

1	2	3	4	5	6	7	8	9	10	11	12
SEAT											
Alhambra 2.0 Cordoba GT/GLX 2.0 Toledo GL/GLX/G T 2.0 Ibiza GT/GLX 2.0 Eng. 2E, AGG 1984ccm	96→ 93-96 91→ 93-96 85kw(115PS)	82,5 4	IN EX	V899 V702B	048 109 601A 053 109 611	39,5x8x91,9 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
Altea 2.0 FSi 16V Leon 2.0 FSi 16V Toledo 2.0 FSi 16V Eng. BLX, BLR, BLY, BLV, BVZ 1984ccm	04→ 05→ 05→ 110kW(150PS)	82,5 4	IN EX	V1605 V1606	06D 109 601K 06D 109 601K/L	33,8x6x104 28x6x101,9	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
Altea 1.8 TFSi Leon 1.8 TFSi Toledo 1.8 TFSi Alhambra 1.8 TFSi Eng. CDAA 1798ccm	07→ 07→ 07→ 07→	82,5 4	IN EX	V2027 V1606	06D 109 601M 06D 109 611L	33,8x6x104 28x6x101,9	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 GLX/GL/SX 1.5/1.5i Malaga GLX 1.5/1.5i Ronda GLX/SX 1.5/1.5i Sistem Porsche 1461ccm	84→ 85→ 84→ 63kw(85PS)	83 4	IN EX	V1045 V1046	3940 2830 3940 2840	34x7x103 30x7x103	45 3 45 3				
SEAT DIESEL											
Terra 1.3 D Eng. MN 1272ccm	89-94 33kw(45PS)	75 4	IN	V719	030 109 601	34x8x99,1	45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Terra 1.4 D Eng. 1W→ N ^o 80NW 500000 1398ccm	90-95 35kw(47PS)		EX	V646	030 109 611A	28,9x8x99,1	45 3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G

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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
SEAT DIESEL												
Terra 1.4 D From chassis n.80-NW-500001 Eng. 1W 1398ccm	90→95	75 4	IN	V1067	030 109 601J	34x7x99	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
Arosa 1.2 TDi Eng. ANY 1191ccm	00→	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
			EX	V920 V920N1 V920N3	038 109 611B	31,5x7x90 +0,5S +1,0S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Ibiza 1.2 TDi Eng. CFWA 1199ccm	10→	79,5 3	IN	V2029	03L 109 601A	26,6x6x99,3	45	3				
			EX	V2030	03L 109 611A	24,5x6x99,1	45	3				
Arosa 1.4 TDi Ibiza 1.4 TDi Cordoba 1.4 TDi Eng. AMF 1422ccm	00→ 02→ 02→	79,5 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
			EX	V920 V920N1 V920N3	038 109 611B	31,5x7x90 +0,5S +1,0S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Altea 1.6 TDi Ibiza 1.6 TDi Leon 1.6 TDi Eng. CAYC, CAYB, CLNA 1598ccm	09→ 10→ 10→	79,5 4	IN	V2029	03L 109 601A	26,6x6x99,3	45	3				
			EX	V2030	03L 109 611A	24,5x6x99,1	45	3				

1	2	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				
														4	5	6	7
SEAT DIESEL																	
Ibiza 1.7 D Eng. KY 1716ccm 42kw(57PS)	90→93	79,5	IN	4	V756	069 109 601D	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										
Ibiza 1.4 TDI Eng. BHC 1422ccm 55(75PS)	03→	79,5	IN	4	V1663	038 109 601E	36x7x89,5	45	3	VV151	037 103 419B	7x13/12,07x36,5	B				
					V1663N1		+0,5S			VV151N		+0,05	G				
										VV151.1		+0,15					
					Leon 1.9 TDI Eng. AXR, BKC, BLS, BXE, BXF, BLB 1896ccm 74/77kW(101/105PS)	05→	EX	4	V1664	038 109 611E	31,5x7x89	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
									V1664N1		+0,5S			VV151N		+0,05	G
					VV151.1		+0,15										
Leon 2.0 TDI Toledo 2.0 TDI Eng. BMM 1968ccm 103kW(140PS)	05→ 06→	81 4															
Toledo GL 1.9D Cordoba, Ibiza 1.9D Inca 1.9D Eng. 1Y Until. eng. N.580.000 1896ccm 48/50kW(65/68PS)	91→ 93→ 95→	79,5	IN	4	V697	069 109 601F	36x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B				
					V697N1		+0,5S			VV76.1		+0,05	G				
					V697N3		+0,8S			VV76.2		+0,15					
					VV76.3		+0,25										
Cordoba, Ibiza 1.9SDi Toledo, Inca 1.9DSi Eng. AEY 1896ccm 47kW(64PS)	96→ 95→	EX	4	V698	074 109 611	31,2x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B					
				V698N1		+0,5S			VV76.1		+0,05	G					
				V698N3		+0,8S			VV76.2		+0,15						
					VV76.3		+0,25										

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

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
SEAT DIESEL													
Toledo 1.9 TDi Until eng: N.770.000 Eng. 1Z Cordoba 1.9 TDi Ibiza 1.9 TDi Alhambra 1.9 TDi Eng. AFE, AHU Turbo 1896ccm 66/81kw(90/110PS)	95→96	79,5	IN	V821 V821N1	028 109 601H	36x8x96,8 +0,5S	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G	
	96→	4	EX										V822 V822N1
Toledo 1.9 TDi From. eng: N.770.001 Eng. 1Z 1896ccm	96→	79,5	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	
		4	EX										V812 V812N1
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	79,5	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	
	96→97	4	EX										V832 V832N1
Arosa 1.7 SDi Eng. AHG/AKU Inca 1.7 SDi Eng. AKW, AHB 1716ccm 42/44kw(57/60PS)	97→96	79,5	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	
		4	EX										V832 V832N1

1	2	3	4	5	6	7	8	9	10	11	12
SEAT DIESEL											
Leon 1.9 SDi Cordoba 1.9 SDi Toledo 1.9 SDi Ibiza 1.9 SDi Eng. AQM Cordoba 1.9 SDi Ibiza 1.9 SDi Eng. ASY 1896ccm	99→ 99→ 99→ 99→ 02→ 02→	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 3 45 3	VV151 VV151N VV151.1 VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15 7x13/12,07x36,5 +0,05 +0,15	B G B G
Toledo, Cordoba 1.9 TDi Eng. AGR/ALH Turbo Cordoba, Ibiza 1.9 TDi Alhambra 1.9 TDi Inca 1.9 TDi Eng. AHU, 1ZTurbo 1896ccm	97→ 97→ 96→ 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 3 45 3	VV151 VV151N VV151.1 VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15 7x13/12,07x36,5 +0,05 +0,15	B G B G
Leon, Toledo 1.9 TDi Eng. AHF Turbo 1896ccm	98→										
Leon, Toledo 1.9 TDi Eng. ALH Turbo 1896ccm	99→										
Leon, Toledo 1.9 TDi Eng. AGR Turbo 1896ccm	99→										
Leon, Toledo, Cordoba 1.9 TDi Ibiza 1.9 TDi Eng. ASV, ASKTurbo 1896ccm	99→ 99→										
Alhambra 1.9 TDi Cordoba 1.9 TDi Ibiza, Toledo 1.9 TDi Eng. AFN Turbo 1896ccm	97→ 97→ 97→										

1	2	3	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
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									VV215		6x11,5/10,07x41,5	B	
1968ccm	103/125kW(140/170PS)											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	

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
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→	81	IN	V1607	03G 109 601B	29,2x6x87,8	45	3	VV272		6x10,07x42	B
	05→	4							VV272N		+0,05	F
	05→								VV272.1		+0,15	
	04→								VV215		6x11,5/10,07x41,5	B G
			EX	V1608	03G 109 611D	25,4x6x87,5	45	3	VV272		6x10,07x42	B
									VV272N		+0,05	F
									VV272.1		+0,15	
									VV216		6x11,5/10,07x41,5	B G
Altea 2.0 TDi FR 16V Leon 2.0 TDi FR 16V Eng. CBAA, CBAB Eng. CBBA, CBBB 1968ccm	04→	81	IN	V1693	03L 109 601	28,1x6x99,3	45	3	VV272		6x10,07x42	B
	05→	4							VV272N		+0,05	F
									VV272.1		+0,15	
									VV215		6x11,5/10,07x41,5	B G
			EX	V1694	03L 109 611	26x6x99,1	45	3	VV272		6x10,07x42	B
									VV272N		+0,05	F
									VV272.1		+0,15	
									VV216		6x11,5/10,07x41,5	B G
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		6x10,07x42	B
		4							VV272N		+0,05	F
									VV272.1		+0,15	
				EX	V1694	03L 109 611	26x6x99,1	45	3	VV272		6x10,07x42
									VV272N		+0,05	F
									VV272.1		+0,15	
	Ibiza, Ronda 1.7 D Malaga 1.7 D Eng. Fiat 138 A5.000 1714ccm 40,5kw(55PS)	84→	83	IN	V1027	4 368 843	38,4x8x126	45	1			
84→		4	EX	V1028	4 368 845	33,4x8x126	45	1				

1	2	3	4	5	6	7	8	9	10	11	12
SEAT DIESEL											
Seat 132 2.0 D 74→ Eng. OM615 1988ccm 40kw(55PS)	87	IN	V651	615 053 0101	38,8x10x131,5	60	17	VV117	616 053 0329	10x14,03x60	G
			V651N3		+1,0S			VV117.1		+0,05	
Seat 132 2.2 D 74→ Eng. OM615 2197ccm 44kw(60PS)	EX	V652	615 053 0705	33,2x10x131	60	17	VV118	616 053 0330	10x14,03x48,5	G	
		V652N3		+1,0S			VV118.1		+0,05		
Seat 131 2.4D 81→ Eng. 8144.61.200 2429ccm 53kw(72PS)	93	IN	V326	7 301 820 4 757 358	41x8x120,7	60	1	VV57	4 749 395	8x13,03x56	G
			V326N3		+1,0S			VV57.1	4 749 397	+0,03	F
	EX	V327	7 301 821 7 302 157	34,4x8x122	45	1	VV57.2	4 749 398	+0,08		
		V327N3		+1,0S			VV57.3		+0,18		
								VV57.4	4 749 399	+0,23	
								VV58	4 726 483	8x13,03x60	G
								VV58.1	4 733 258	+0,03	A
								VV58.2	4 733 259	+0,08	
								VV58.3		+0,18	
								VV58.4	4 733 260	+0,23	
S.E.M.T. PIELSTICK											
ENG. 6PA 4V 185 VG →90 641-100 641-200 /ULJANIK - PULA/	IN	V362	24 018 0165 00	64x14x222	60	1					
		EX	V363	24 018 0392 00	63x14x250	45	1				
ENG. PA4- 200	IN	V521	25 018 0461 00	67x14x232	60	1					
		EX	V522	25 018 0329 00	65x14x260	45	1				
ENG. 8 PA 4V 185VG 85-88 641 - 300 GANZ MAVAG ALSTHOM- ATLANTIQE	IN	V509	3- 02996 -80 24 018 3081 51	64x14x222	60	5					
		EX	V510	3- 01076 -80	63x14x250	45	5				

1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA											
Fabia 1.0i 99→ Eng. AER 999ccm 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	
			V852 030 109 611N	26x7x94,4	45	3	VV579 VV579.1	032 103 418A	7x11,07x33 +0,20	B F	
			EX	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	VV579 VV579.1	032 103 418A	7x11,07x33 +0,20	B F
Fabia 1.0i 00-02 Eng. AQV, ARV 999ccm 37kW(50PS)	67,1 4	IN	V1469 047 109 601 F	34x7x103,8	45	3					
			EX	V1470 047 109 611 B	27x7x103,8	45	3				
100,100 L 1.0 69-78 Eng. 998 988ccm 29/31kw(40/42PS)	68 4	IN	V75 10 197 1209	31,2x7,5x99,8 +0,25d	45	9					
			V244 10 201 1209								
			EX	V74 V158 10 215 1209 10 219 1209	28,2x7,5x99,8 +0,25d	45	9				
105 S/L 1.05 84→ Eng. 742.10 1046ccm 33kw(45PS)	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 10→ Fabia 1.2 TSI 10→ Octavia 1.2 TSI 10→ Yeti 1.2 TSI 10→ Eng. CBZA, BZB 1197ccm	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 00→ Eng. ATY, ARV, AQV 997ccm 37kw(50PS)	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 69-81 Eng. 115 1107ccm 36/39kw(48/52PS)	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				

1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA											
120 L/LS/GLS 1.2 1174ccm	77→ 39/43kw(52/58PS)	72 4	IN	V198 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	84→ 38kw(52PS)	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	84→ 38/43kw(52/58PS)	72 4	IN	V355	441 01209 322.6	32,2x8x99,8	45 3				
			EX	V351	441 01209 310.6	27,2x8x99,8	45 3				
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	11→	74,5 3	IN	V2135	04E 109 601	29,5x5x110,3	45 3				
			EX	V2136	04E 109 611L	26,9x5x110,3	60 3				
Forman 135 L/LK/LE/LS/LSK/LE Eng.781.115/116/135/136 1137ccm	89→ 38kw(52PS)	75,5 4	IN	V366	441 01209 346.6	34x8x101,3	45 1				
			EX	V367 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	89→ 46kw(63PS)										
Felicia 1.3 Eng. AMG 1289ccm	97→ 37kW(50PS)	75,5 4	IN	V513	047 109 601	34x8x101,5	45 1				
			EX	V514	047 109 611	30,1x8x101,5	45 1				
Fabia 1.4 Eng. AZF, AZE 1397ccm	98→ 44kW(60PS)	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	99→ 50kw(68PS)										

1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA											
Fabia 1.2 HTP 6V Eng. AWY SOHC Eng. BMD, SOHC 1198ccm 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
Octavia 1.2 TSI 16V Eng. CJZA/CJZB 1197ccm NEW	12→ 4	IN	V2355	04E 109 601A	26,4x5x110,2	45	3				
		EX	V2356	04E 109 611K	23,5x5x110,1	60	3				
Roomster 1.2 12V Fabia 1.2 HTP 12V Eng. AZQ, BME, BTS, DOHC 1198ccm 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
Fabia 1.4 16V Eng. AUA, AUB, AFH, BBY, BXW 1390ccm 55/74kw(75/101PS)	99→ 4	IN	V2177	04E 109 601B	28,5x5x110,3	45	3				
		EX	V2178	04E 109 611J	25,1x5x110,1	60	3				
Octavia 1.4 TSI 16V Eng. CHPA 1305ccm NEW	4	IN	V957	036 109 601AD 036 109 601S	29,5x6x100,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
		EX	V958	036 109 611K	26x6x100,5	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Fabia, 1.6FSi 16V Octavia, 1.6FSi 16V Eng. BLF, BTS 1598ccm 77/85kW(105/115PS)	07→ 04→										
Fabia 1.4i 16V Eng. AFH 1390ccm 74kW(100PS)	99→ 4	IN	V1107	36 109 601P	29,5x6x97,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
		EX	V1108	36 109 611L	26x6x97,3	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Felicia 1.6 Octavia 1.6 Octavia Combi 1.6 Eng. AEE OHC 1598ccm 55kw(75PS)	96→ 96→ 98→	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

1	2	3	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	
														4
ŠKODA														
Felicia 1.6 Fabia 1.6 Eng. 1F 1595ccm 55kw(75PS)	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	
Octavia 1.6 Eng. AEH Motronic Injection Octavia 1.6 Eng. AKL, AFT, AEH 1595ccm 74kw(101PS)	96→	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	
				EX	V870	048 109 611B	32,9x7x91,2	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G	
Octavia 2.0 Eng. AQY, APK, AZH, AEQ Fabia 2.0 Eng. AZL, AQY Superb 2.0 Eng. AZM 1984ccm 85kw(115PS)	98→	82,5	4											
	00→													
	03→													
Octavia 1.8i 20V Eng. ADR, AGN 1781ccm 92kw(125PS)	96→	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	
				EX	V840*	058 109 611M * Retainer s.e. 3,4 mm	29,9x6x103,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F	
Octavia 2.8i V6 30V Eng. BBG	02→	82,5	V6											
Superb 2.8i V6 30V Eng. AMX 2771ccm 140/142kW(190/193PS)	01→													

1	2	3	4	5	6	7	8	9	10	11	12
ŠKODA											
Octavia 1.8i 20V Turbo 97→ Eng. AEB, AGU, ARZ, AUQ, ARX, AUM	81	IN	V839* * Retainer	058 109 601C s.e. 5 mm	26,9x6x105,1	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Superb 1.8i 20V Turbo 01→ Eng. AWT 1781ccm 110/132kW(150/180PS)	82,5	IN	V1605	06D 109 601K	33,8x6x104	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Octavia 2.0 FSi 16V 04→ Eng. BLX, BLY, BLR, BVX, BVY, BVZ 1994ccm 110kW(150PS)	82,5	IN	V2027	06D 109 601M	33,8x6x104	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Super B 1.8 TFSi 08→ Yeti 1.8 TFSi 08→ Octavia 1.8 TFSi 08→ Eng. CDAA 1798ccm	82,5	IN	V879* * Retainer	059 109 601B s.e. 2,5 mm	27,1x6x100,5	45	3	VV272 VV272N VV272.1	058 103 415	6x11,07x42 +0,05 +0,15	B F G
Superb 2.5 TDI 02→ Eng. AYM DOHC 2498ccm 114kw(155PS)	78,3	IN	V1277* * Retainer	059 109 601F s.e. 8,5 mm	27,1x6x100,6	45	3	VV392 VV392.1	058 103 415	6x11,5/10,07x41,5	B G
Superb 2.5 TDI 24V 02→ Eng. BDG DOHC 2496ccm 120kw(163PS)	78,3	IN	V1277* * Retainer	059 109 601F s.e. 8,5 mm	27,1x6x100,6	45	3	VV392 VV392.1	058 103 415	6x10,07x36 +0,05	B F

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
ŠKODA DIESEL													
Roomster 1.2 TDI Eng. CFWA 1199ccm	10→	79,5 3	IN	V2029	03L 109 601A	26,6x6x99,3	45 3						
			EX	V2030	03L 109 611A	24,5x6x99,1	45 3						
Fabia 1.4 TDi Eng. AMF	03→	79,5 3	IN	V1663 V1663N1	038 109 601E	36x7x89,5 +0,5S	45 3			VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Roomster 1.4 TDI Praktik 1.4 TDI Eng. BNM, BNV, BMS 1422ccm	06→ 07→	79,5 4	EX	V1664 V1664N1	038 109 611E	31,5x7x89 +0,5S	45 3			VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
	51/55/59kW												
Octavia 1.6 TDI Eng. CAYC	09→	79,5 4	IN	V2029	03L 109 601A	26,6x6x99,3	45 3						
Fabia 1.6 TDI Yeti 1.6 TDI Eng. CAYB 1598ccm	10→ 10→		EX	V2030	03L 109 611A	24,5x6x99,1	45 3						
Octavia 1.9 SDI Eng. AGP, AQM	97→	79,5 4	IN	V805 V805N1	028 109 601B	36x7x95,5 +0,5S	45 3			VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Felicia 1.9 D Eng. 1Y No 580001→ Eng. AEF No 007001→ 1836ccm	95-98 96→		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
	47/50kw(64/68PS)												
Felicia 1.9 D Eng. AEF	95-06	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
Octavia 1.9 D Eng. AGP, AQM 1896ccm	96-97		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
Octavia 1.9 SDi Eng. AEY 1896ccm	96-97												
	47kw(64PS)												

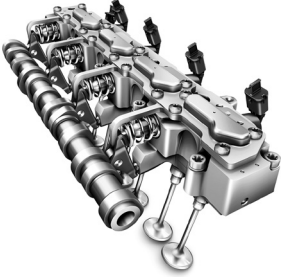
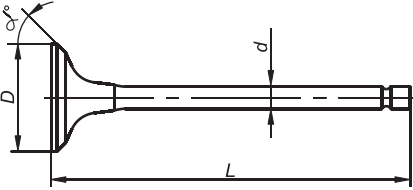
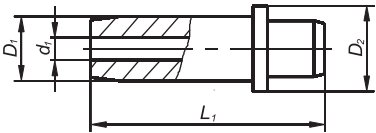
1	2	3	4	5	6	7	8	9	10	11	12										
												AV REF.	ORIGINAL PART No	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART No	DIMENSIONS $d_1 \times d_2 / D_1 \times L_1$	MAT. SHAPE	
ŠKODA DIESEL																					
Felicia 1.9 D 95→ Octavia 1.9 D 97→ Eng. AGR, AEF 1896ccm 47/50kw(64/68PS)	79,5	IN	V831 V831N1	028 109 601J	36x7x96,5 +0,5S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G										
												EX	V832 V832N1	028 109 611K	31,5x7x96,3 +0,5S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G
Octavia 1.9 TDi 96→ Eng. AGR, ALH Turbo 1896ccm 66kw(90PS)	79,5	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
Fabia 1.4 TDi 03→ Eng. AMF 1422ccm 55kw(75PS)	79,5	IN	V919 V919N1 V919N3	038 109 601B	36x7x90 +0,5S +1,0S	45	3	VV151 VV151N VV151.1	037 103 419B	7x13/12,07x36,5 +0,05 +0,15	B G										
												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

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART No
ŠKODA DIESEL													
Fabia 1.9 TDi 00→ Octavia 1.9 TDi 00→ Eng. ATD, ASZ, AXR Turbo Intercooled 1896ccm 74kw(101PS)	79,5	IN	4	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		
Superb 1.9 TDi 01→ Eng. AVB, AVF, AWX 1896ccm 74/96kW(100/130PS)	79,5	EX	4	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		
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													
	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	IN	4	V1663	038 109 601E	36x7x89,5	45	3	VV151	037 103 419B	7x13/12,07x36,5	B
					V1663N1		+0,5S			VV151N		+0,05	G
V1664					038 109 611E	31,5x7x89	45	3	VV151	037 103 419B	7x13/12,07x36,5	B	
V1664N1		+0,5S			VV151N		+0,05	G					
VV151.1		+0,15			VV151.1		+0,15						
Octavia 1.9 TDi 97→ Eng. 1Z 1896ccm 66kw(90PS)	79,5	IN	4	V821	028 109 601H	36x8x96,8	45	3	VV76	056 103 419A	8x13/12,06x36,5	B	
				V821N1		+0,5S			VV76.1		+0,05	G	
				VV76.2		+0,15			VV76.3		+0,25		
EX V822 046 109 611F 31,5x8x96,9 +0,5S 45 3 VV76 056 103 419A 8x13/12,06x36,5 B VV76.1 +0,05 G VV76.2 +0,15 VV76.3 +0,25													
	Octavia 2.0 TDI PD16V 04→ Fabia 2.0 TDI PD16V 07→ Eng. BKD 1968 ccm 103kW(140PS)	81	IN	4	V1607	03G 109 601B	29,2x6x87,8	45	3	VV272		6x10,07x42	B
					VV272N		+0,05			VV272.1		+0,15	
VV215										6x11,5/10,07x41,5	B		
EX V1608 03G 109 611D 25,4x6x87,5 45 3 VV272 6x10,07x42 B VV272N +0,05 F VV272.1 +0,15													
	VV216							6x11,5/10,07x41,5	B				
									G				

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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
ŠKODA DIESEL												
Octavia 2.0TDI RS 16V Eng. CBAA, CBAB Eng. CBBA, CBBB 1968 ccm	08→	81 4	IN	V1693	03L 109 601	28,1x6x99,3	45	3	VV272 VV272N VV272.1		6x10,07x42 +0,05 +0,15	B F
			EX	V1694	03L 109 611	26x6x99,1	45	3	VV272 VV272N VV272.1 VV216		6x11,5/10,07x41,5 6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B G B F B G
Yeti 2.0 TDI Eng. CLCA, CFHA, CFHF 1968ccm	09→	81 4	IN	V2029	03L 109 601A	26,6x6x99,3	45	3				
			EX	V2030	03L 109 611A	24,5x6x99,1	45	3				
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→											

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
SMART												
Smart City Fortwo Roadster Eng. M160.910 698ccm	03→	63,5	IN	V1125	1600530001	30x6x89,3	45	1	VV562 VV562N		6x12,56x35 +0,05	G F
	04→		3	EX	V1126	1600500027	25x6x89,3	45	1	VV562 VV562N		6x12,56x35 +0,05
Fortwo 1.0 Turbo Fortwo 1.0 Brabus Eng. M132.930 999ccm	08→	72	IN	V2137	132 053 0001	28x5x85,5	45	1	VV489		5x10,56x34,5	G F
	08→		3	EX	V2138	132 053 0005	25x5x86,9	45	1	VV489		5x10,56x34,5
Fourfour 1.1 12V Eng. M134E11 1124ccm	04→	75	IN	V1861	1350530001	30,4x5x89,6	45	1	VV489		5x10,56x34,5	G F
			3	EX	V1862	1350530005	25,4x5x90,9	45	1	VV489		5x10,56x34,5
Fourfour 1.3 16V Eng. M135E13 1332ccm		4										
Fourfour 1.5 16V Eng. M135E15 1499ccm												
SMART DIESEL												
Smart 800 CDi Eng. OM660,950 799ccm	93→	65,5	IN	V1597	660 053 0101 Q0004570V003	27,6x6x91,2	45	3	VV398 VV398N		6x11,57x34,4 +0,03	G F
			33kW(45PS)	EX	V1598	660 053 0005 Q0004569V003	25,2x6x91,2	45	3	VV398 VV398N		6x11,57x34,4 +0,03
Smart 1.5 DCi Fourfour Eng. OM639.939 1493ccm	05→	4	IN	V1743	642 053 0401	28,5x6x102,3	45	3	VV398 VV398N		6x11,57x34,4 +0,03	G F
			50/70kW(68/95PS)	EX	V1744	642 050 0527	25,4x6x102,3	45	3	VV398 VV398N		6x11,57x34,4 +0,03

1	2	3	4	5	6	7	8	9	10	11	12
SSANG YONG											
Korando 2.0i 16V 97→ Musso 2.0i 16V 96→ Eng. M111 1998ccm 100kW(136PS)	89,9	IN	V1229	111 053 1101	35x7x101,5	45	1	VV185	606 053 0230	7x12,56x37,5	G
								VV185N		+0,05	F
								VV185.1	606 053 0330	+0,20	
Charman 2.8 24V 97→ Eng. M104 2799ccm	89,9	EX	V1230	111 050 1227	31x7x103,5	45	1	VV185	606 053 0230	7x12,56x37,5	G
								VV185N		+0,05	F
								VV185.1	606 053 0330	+0,20	
Charman 3.2i 24V 97→ Korando 3.2i 24V 96→ Musso 3.2i 24V 96→ Rexton 3.2i 24V 96→ Eng. M104 3199ccm											
Korando 2.3i 16V 97→ Musso 2.3i 16V 96→ Eng. M111 2295ccm 110kW(150PS)	90,9	IN	V1229	111 053 1101	35x7x101,5	45	1	VV185	606 053 0230	7x12,56x37,5	G
								VV185N		+0,05	F
								VV185.1	606 053 0330	+0,20	
Korando 3.2i 24V 96→ Musso 3.2i 24V 96→ Rexton 3.2i 24V 96→ Eng. M111 3199ccm 156/162kW(212/220PS)	89,9	IN	V1547	111 053 0101 111 053 0201	35x7x101,5	45	3	VV185	606 053 0230	7x12,56x37,5	G
								VV185N		+0,05	F
								VV185.1	606 053 0330	+0,20	
		EX	V1548	111 050 0527	31x7x103,5	45	3	VV185	606 053 0230	7x12,56x37,5	G
								VV185N		+0,05	F
								VV185.1	606 053 0330	+0,20	

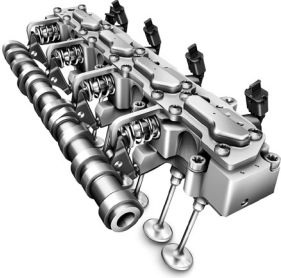
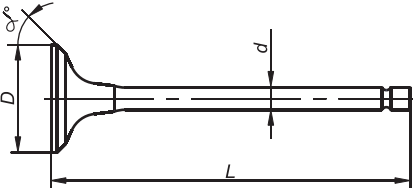
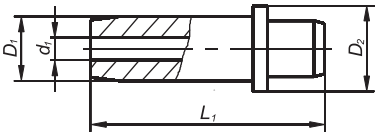
	CYL. Ø №	IN EX									
			AV REF.	ORIGINAL PART №	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART №	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

SSANG YONG DIESEL

Musso 2.3D Korando 2.3D Eng. OM601/OM661 2298ccm 58kW(79PS)	95→	89,9	IN	V653	601 053 1701	38x8x106,4	45	1	VV153	601 050 0224	8x14,03x39,5	G	
	95→	4		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						
Korando 2.3TD Musso 2.3TD Eng. OM661 2298ccm	95→			V653N5		+1,0L							
	95→		EX	V912	601 050 2327	35x9x106,4	45	1	VV154	601 050 0924	8x14,03x37,5	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		
Korando 2.9D Musso 2.9D Eng. OM662 2874ccm 70kW(95PS)	95→			V912N4		+1,2S							
	95→			V912N5		+1,0L							
Korando 2.9TDi Musso 2.9TDi Musso sport 2.9TDi Eng. OM602/OM662 2874ccm 88/95kW(120/128PS)	98→												
	98→												
	01→												
Rexton 2.7XDI 20V Eng. R665 2696ccm 121kW(164PS)	02→	86,2	IN	V1369		30,5x6x109	45	3	VV312		6x11,04x38,5	G	
		4										F	
			EX	V1370		27,5x6x108,7	45	3	VV312		6x11,04x38,5	G	
												F	
Korando 2.5D Eng. XD3P 2498ccm 51/58kW(70/79PS)	93→	94	IN	V793	83EM 6207 BB 0948.44	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	83EM 6205 AB 0949.45	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		

1	2	3	4	5	6	7	8	9	10	11	12
STEYR											
200 GE 4x4 2.0D 84→ ENG. M102 1997ccm 80kw(109PS)	89 4	IN	V991 102 053 1801 43x8x115 45 1	VV263 102 050 8924 8x14,05x46 VV263N VV263.1 +0,05 +0,20	B						
			EX	V992 102 050 0327 39x9x115,8 45 1	VV264 102 050 0562 9x14,05x51 VV264N +0,05 VV264.1 102 050 0362 +0,20	B F1					
G320 (Steyr) 3.2 18V 98→ ENG. M112.945 3199ccm 158kw(215PS)	89,9 6	IN	V1551 113 053 0101 36x7x119,4 45 1	VV346 113 053 0329 7x12,56x50 VV346.1 +0,20 VV346.2 113 053 0429 +0,60	G F						
			EX	V1552 113 050 0227 41x7x122,3 45 1	VV346 113 053 0329 7x12,56x50 VV346.1 +0,20 VV346.2 113 053 0429 +0,60	G F					
G320 4WD 3.2 24V 93→ Eng. M110 3199ccm 115kW(156PS)	89,9 4	IN	V1547 111 053 0201 35x7x101,5 45 3	VV185 606 053 0230 7x12,56x37,5 VV185N +0,05 VV185.1 606 053 0330 +0,20	G F						
			EX	V1548 111 050 0527 31x7x103,5 45 3	VV185 606 053 0230 7x12,56x37,5 VV185N +0,05 VV185.1 606 053 0330 +0,20	G F					
230 GE 4x4 2.3D 82-84 ENG. M102 2299ccm 92kw(125PS)	95,5 4	IN	V993 102 053 1701 46x8x114,9 45 1	VV263 102 050 8924 8x14,05x46 VV263N +0,05 VV263.1 +0,20	B F1						
			EX	V992 102 050 0327 39x9x115,8 45 1	VV264 102 050 0562 9x14,05x51 VV264N +0,05 VV264.1 102 050 0362 +0,20	B F1					
G500 (Steyr) 5.0 24V 98→ ENG. M113.962 4966ccm 218/225kw(296/306PS)	97 6	IN	V1553 113 053 0201 38x7x119,1 45 1	VV268 611 053 0329 7x12,56x37,5 VV268N +0,05 VV268.1 611 053 0429 +0,20	G F						
			EX	V1554 113 050 0327 43x7x121,8 45 1	VV268 611 053 0329 7x12,56x37,5 VV268N +0,05 VV268.1 611 053 0429 +0,20	G F					

1	2	3	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
														4
STEYR DIESEL														
ENG. OM615 City Bus 2.0 D 1988ccm 40kw(55PS)	68-79	87	IN	4	V651	615 053 0101	38,8x10x131,5	60	17	VV117	616 053 0329	10x14,03x60	G	
					V651N3		+1,0S			VV117.1		+0,05	A1	
					V652	615 053 0705	33,2x10x131	60	17	VV118	616 053 0429	10x14,03x48,5	G	
					V652N3		+1,0S			VV118.1		+0,05	A1	
			EX		V652	615 053 0705	33,2x10x131	60	17	VV118.2	616 053 0430	+0,20		
ENG. OM602 250 GD 4x4 2.5 D 2497 ccm 66kw(90PS)	85→	87	IN	5	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	G
						V912N1		+0,5S			VV154N		+0,05	F1
						V912N2		+0,8S			VV154.1	601 050 1024	+0,20	
						V912N3		+1,0S			VV154.2	601 050 1124	+0,40	
						V912N4		+1,2S						
						V912N5		+1,0L						
G300 TD Eng. OM 606.964 2996ccm 130kw(177PS)	98→	87	IN	6	V907		29x6x105,4	45	1	VV218		6x12,56x37,5	G	
					VV218N		+0,05	F						
					VV218.1		+0,20							
			IN	V1059		29x6x105,4	45	3	VV218		6x12,56x37,5	G		
				VV218N		+0,05	F							
				VV218.1		+0,20								
			EX	V1054		26x6x105,7	45	1	VV218		6x12,56x37,5	G		
	VV218N		+0,05	F										
	VV218.1		+0,20											
EX	V1060		26x6x105,7	45	3	VV218		6x12,56x37,5	G					
	VV218N		+0,05	F										
	VV218.1		+0,20											
EX	V908		26x7x105,7	45	1	VV185		7x12,56x37,5	G					
	VV185N		+0,05	F										
	VV185.1		+0,20											

	CYL. Ø Nº	IN EX										
			AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
1	2	3	4	5	6	7	8	9	10	11	12	
STEYR DIESEL												
ENG. OM 616 240GD 4x4 2.4 D 2399ccm 53kw(72PS)	79→	90,9 4	IN	V655 V655N3	616 053 0301	39,8x10x131,5 +1,0S	60	17	VV117 VV117.1 VV117.2	616 053 0329 616 053 0429	10x14,03x60 +0,05 +0,20	G A1
ENG. OM 617 300 GD 4x4 3.0 2998ccm 65kw(88PS)	79→		EX	V656 V656N3	616 050 0527	34,2x10x131 +1,0S	60	17	VV118 VV118.1 VV118.2	616 053 0330 616 053 0430	10x14,03x48,5 +0,05 +0,20	G A1
ENG. WD 407 3077ccm 38kw(52PS)		98 4	IN	V177	407 0501	41,9x9x142,5	45	9				
			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										
ENG. WD 609 5976ccm 88/100kw(120/135PS)	62-68	105 6	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
			EX	V746		42x10x136,3	45	1	VV190		10x16,03x55	G F
8S15/9S15 Eng. 0824 LFL 01 Eng. 0824 FL 01 Euro 1 4580ccm 114kw(155PS)												

1	2	3	4	5	6	7	8	9	10	11	12			
												AV REF.	ORIGINAL PART No	DIMENSIONS D x d x L
STEYR DIESEL														
8S16/9S16 Eng. 0824 LFL 02 Euro 2 4580ccm 118kw(160PS)	108 4	IN	V932		49x10x136,6	60	1	VV189		10x16,03x60	G F2			
		EX	V746		42x10x136,3	45	1					VV190	10x16,03x55	G F
		6												
8S22/9S22 Eng. 0826 LFL 03 Euro 2 6871ccm 162kw(220PS)	6													
8S22/9S22 Eng. 0826 LFL 06 Euro 1 6871ccm 162kw(220PS)	6													
ENG. WD 614 - Turbo 67-79 990-1290-1490 LKW 8143ccm 169kw(230PS)	120 6	IN	V346	614 6005 0007	50,9x12x158,5	55	1							
		EX	V347	615 6005 0006	48,9x12x158,4	45	1							
ENG. 612.63/65- Turbo		IN	V634 V634N3	610 6005 0001	48x10x149,5 +1,0S	55	1	VV93	609 F040 038	10x16,03x80	G A			
		EX	V345 V345N3	610 6005 0002	39x10x149,5 +1,0S	45	1	VV94	609 F040 039	10x16,03x68	G A6			
ENG. WD 615.68/78 - Turbo 86- 9726ccm 225kw(306PS)	126 6	IN	V683	615 6005 0022	50,9x11x159,4	55	1	VV84	615 6004 0033	11x16,03x81	G F6			
ENG. WD 815.66 - Turbo 87- 11970ccm 270kw(367PS)	126 8	EX	V684	615 6005 0027	48,9x11x158,4	45	1	VV84	615 6004 0033	11x16,03x81	G F6			
SUBARU														
Trezia 1.3 16V 11- Eng. 1NR - FE 1329ccm	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 04- Eng. M13A 1328ccm 59kW(80PS)	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

1	CYL. Ø N _o	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N _o	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
SUBARU											
Impreza 16V Eng. EL15 1500ccm	06→ 77kW(105PS)	IN	V2007		29,3x6x104,5	45	1				
		EX	V2008		24x6x105,7	45	1				
Justy 1.3i 16V Eng. 13B/BB – Suzuki 1298ccm	95→ 50kW(68PS)	74 IN	V1335	12911-71C00	29,2x5,5x92,2	45	1	VV563	11115-60B11	5,5x11,07x32	G
		4 IN	V1619		31x6,6x100,9	45	1	VV563N		+0,05	F6
		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	F6
Justy 1.3i 16V Eng. G13B – Suzuki 1298ccm	95→ 63kW(86PS)	74 IN	V1307	12911-82000	36x7x115,5	45	1	VV418	11116-73010	7x12,06x48	G
		4						VV418N		+0,05	P
EX	V1308	12915-82000	30x7x114,5	45	1	VV418	11116-73010	7x12,06x48	G		
							VV418N		+0,05	P	
Justy 1.3i 16V Eng. G13B/BB – Suzuki 1298ccm	95→ 50kW(68PS)	74 IN	V1335	12911-71C00	29,2x5,5x92,2	45	1	VV563	11115-60B11	5,5x11,07x32	G
		4						VV563N		+0,05	F6
EX	V1336	12915-71C00	25x5,5x79,9	45	1	VV563	11115-60B11	5,5x11,07x32	G		
							VV563N		+0,05	F6	
Impreza 1.5 1498ccm NEW	10→	4 IN	V2357	13201-AA530	29,3x6x104,4	45	1				
		EX	V2358	13202-AA560	24x6x105,7	45	1				
Impreza 1.6 16V Eng. EJ16 1597ccm	99→ 70kW(95PS)	87,9 IN	V1925	13201-AA420	32,5x6x120,6	45	1	VV440	13212-AA040	6x11,09x52,5	G
		4									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	01→ 106kW(144PS)	86 IN	V511		32x6x102,1	45	3	VV163		6x10,04x45	G
		4						VV163.1		+0,03	F
								VV163.2		+0,20	
		EX	V512		29x6x92,2	45	3	VV163		6x10,04x45	G
							VV163.1		+0,03	F	
							VV163.2		+0,20		
Impeza 2.0 16V Eng. EJ20 1998ccm	95→ 85kW(115PS)	92 IN	V1243	13201-AA340	36x6x105,9	45	1				
		4									
EX	V1244	13202-AA320	32x6x106,2	45	1						

1	2	3	4	5	6	7	8	9	10	11	12
SUBARU											
Impreza 2.0i 16V 99→ Legacy 2.0i 16V 99→ Eng. EJ20 1994ccm	92	IN	V1927 13201-AA430	34x6x120,6	45	1	VV440 13212-AA040	6x11,09x52,5	G	P	
Forester 2.0i 16V 98→ Legacy 2.0i 16V 04→ Eng. EJ20J 1994ccm 85/92kW(116/125PS)	92	IN	V1809 13201-AA351	34x6x120,6	45	1	VV440 13212-AA040	6x11,09x52,5	G	P	
Eng. H6 NEW		IN									
EX V2226 13202-AA530 30,5x5,5x105,2 45 1		EX									
Eng. G11 NEW		IN									
EX V2224 13202-AA381 32x6x104,7 45 1		EX									
NEW		IN	V2179	35x5,5x99,8	45	16					
		EX	V2180	30,5x5,5x105,25	45	1					
Forester 2.0T 16V 97→ Impreza WRX 2.0T 16V 96→ Eng. EJ20G Turbo 1994ccm 155/195kW(210/265PS)	92	IN	V1811 13201-AA371 13201-AA390	35,9x6x104,4	45	1	VV440 13212-AA040	6x11,09x52,5	G	P	
Forester 2.5T 16V 04→ Eng. EJ25 Turbo 2457ccm 155/169kW(210/230PS)											
Forester 2.0 16V 01→ Eng. EJ 20 1994ccm 92kw(125PS)	97	IN	V1401 13201-AA080	32,5x6x101	45	1	VV440 13212-AA040	6x11,09x52,5	G	P	
Legacy 2.2 16V 90→ Impreza 2.2 16V Eng. EJ 22 2212ccm 94/100kW(128/136PS)											
Legacy 2.5 16V 04→ Outback 2.5 16V 01→ Eng. EJ 25 2457ccm 115/156kW(155/211PS)	99,5	IN	V1403 13201-AA361	36x6x120,6	45	1	VV440 13212-AA040	6x11,09x52,5	G	P	

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
SUBARU DIESEL											
Justi 1.3 TDi 16V 03→ Eng. Z13DT 1248ccm 51/55kW(69/75PS) * Eng. Euro 5	69,6	IN	V1413	641 072	21,7x6x109,2	45	3	VV391		6x10,03x43,2	G
	4	IN	V1873*		22,45x6x109,2	45	3	VV391.1	642 065	+0,03	F3
		EX	V1414	641 071	21,7x6x109,2	45	3	VV391	642 066	+0,23	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	IN	V1487		30,6x6x100	45	1	VV374	11122-30020	6x11,09x40,6	G P
	4	EX	V1488		28x6x99,8	45	1	VV374	11122-30020	6x11,09x40,6	G P
SUZUKI											
Alto 600 / Carry 600 82-85 Fronte 600 / Cervo 600 Eng. F5A 543ccm 21kW(29PS)	62	IN	V1951	12911-M73012 12911-84000	31,5x7x110	45	1				
	3	EX	V1952	12915-M73012 12915-84000 12915-84010	27,4x7x109,8	45	1				
Alto 600 / Carry 600 88→ Cervo 600 Eng. F5B 543ccm 25kW(34PS)											
Jimny SJ40 1.0 83→ Super Carry 1.0 85→ Samurai 1.0 88→ Eng. F10A 970ccm 38kW(52PS)	65,5	IN	V1307	12911-82000	36x7x115,5	45	1	VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P
	4	EX	V1308	12915-82000	30x7x114,5	45	1	VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P
Swift 1.0 83→ Cultus AA41 1.0 83→ Eng. G10A/B 993ccm 44kW(60PS)	74										
Jimny SJ413 1.3 83→ Samurai 1.3 81→ Swift, Cultus 1.3 84→ Eng. G13A 1325ccm 38/44kW(52/60PS)	74	IN	V1307	12911-82000	36x7x115,5	45	1	VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P
	4	EX	V1308	12915-82000	30x7x114,5	45	1	VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P

1	2	3	CYL. Ø N _o	IN EX	AV REF.	ORIGINAL PART N _o	DIMENSIONS D x d x L	ANG. α°	ST. END	9	10	11	12
SUZUKI													
Wagon R 1.0 16V Eng. K10A 996ccm 48kW(65PS)	98→	68 4	IN	V1815	12911-73G00 12911-73G01	24,6x5,5x80,2	45	1		VV488	11115-73G01	5,5x10,61x29,4	G F
				EX	V1816	12915-73G00 12915-73G20	21,5x5,5x81,3	45	1		VV488	11115-73G01	5,5x10,61x29,4
Alto 1.0 Eng. G10B 993ccm 39/43kW(53/58PS)	98→	4	IN	V1817	12911-M72F10	34x7x117,5	45	1		VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P
			EX	V1818	12915-M72F10	28,1x7x116,3	45	1		VV418 VV418N	11116-73010	7x12,06x48 +0,05	G P
Alto 1.1 Eng. RF410 1061ccm	04→	4	IN	V1813	12911-M84400 12911-M84420	26,6x5,5x90,5	45	1					
			EX	V1814	12915-M84400 12915-M84440	23,4x5,5x87,1	45	1					
Swift 1.3i Eng. G13B 1298ccm 50kW(68PS)	91-96	71 4	IN	V1145	MD-016460 22211-21010	34x6,6x102,1	45	1					
			EX	V1146	MD-016461 22212-21004	30x6,6x100,9	45	1					
Wagon R 1.2 Eng. K12A 1171ccm	98→	71 4	IN	V1815	12911-73G00 12911-73G01	24,6x5,5x80,2	45	1		VV488	11115-73G01	5,5x10,61x29,4	G F
			EX	V1816	12915-73G00 12915-73G20	21,5x5,5x81,3	45	1		VV488	11115-73G01	5,5x10,61x29,4	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
			EX	V1924	4708933 93193762	22,9x5,5x87,1	45	1		VV498	4709231	5,5x10,6x34	G F
Swift IV 1.2 16V Splash 1.2 16V Eng. K12B VVT 1242ccm	10→	73 4	IN	V2111	12911-69L00-000	27,5x5x87,5	45	1					
	10→		EX	V2112	12915-69L00-000 12915-69LG0-000	22,9x5x87,1	45	1					

1	2	3	4	5	6	7	8	9	10	11	12
SUZUKI											
Carri 1.3 89→ Swift 1.3 89→ Eng. G13B OHC 1298ccm 50kW(68PS)	74	IN	V1335 12991-71C00 12911-71C00	29,2x5,5x92,2	45	1	VV563 VV563N	11115-60B11	5,5x11,07x32 +0,05	G F6	
Carri 1.3 16V 99→ Jimny 1.3 16V 98→ Cultus GTi/GXi 1.3 16V 87→ Eng. G13B/BB DOHC 1298ccm 74kW(101PS)	74	IN	V1335 12991-71C00 12911-71C00	29,2x5,5x92,2	45	1	VV563 VV563N	11115-60B11	5,5x11,07x32 +0,05	G F6	
Baleno Wagon 1.3 16V 95→ Eng. SY413 DOHC 1298ccm 63kW(86PS)	74	IN	V1335 12991-71C00 12911-71C00	29,2x5,5x92,2	45	1	VV563 VV563N	11115-60B11	5,5x11,07x32 +0,05	G F6	
Vitara 1.6 16V 86→ Escudo 1.6 16V 91→ Eng. GA16A 1590ccm 70kW(95PS)	75	IN	V1335 12991-71C00 12911-71C00	29,2x5,5x92,2	45	1	VV563 VV563N	11115-60B11	5,5x11,07x32 +0,05	G F6	
Baleno Wagon 1.6i 16V 95→ Vitara 1.6i 16V 90→ Grand Vitara 1.6i 16V 97→ Eng. SY416, SQ416 1590ccm 70/79kW(96/107PS)	74	IN	V1335 12991-71C00 12911-71C00	29,2x5,5x92,2	45	1	VV563 VV563N	11115-60B11	5,5x11,07x32 +0,05	G F6	
Jimny 1.3 16V 04→ Swift 1.3 16V 06→ Eng. G13BB 1328ccm 59kW(80PS)	74	IN	V1471 12911-54G00	30x5,5x101	45	1	VV394	11115-54G00	5,5x10,61x40	G F6	
Grand Vitara 1.6 16V 05→ Ignis 1.6 16V 4 Justy 1.6 16V 03→ Liana 1.6 16V 01→ Swift 1.6 16V 05→ SX4 1.6 16V 06→ Eng. M16A 1586ccm 78/92kW(106/125PS)	78	IN	V1471 12911-54G00	30x5,5x101	45	1	VV394	11115-54G00	5,5x10,61x40	G F6	

1	2	3	4	5	6	7	8	9	10	11	12
SUZUKI											
Vitara 1.6 Escudo 1.6 Santana 1.6 Eng. G16A OHC 1590ccm	88→ 86→ 88→ 60kw(81,5PS)	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	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	00→ 04→ 01→ 01→ 60/66kW(82/90PS)	78 4	IN EX	V1635 V1636	12911-69G00 12915-69G00	30x6x100,8 25x6x99	45 1 45 1	VV565 VV565N VV565 VV565N	11115-69G00 11115-69G00	6x11,1x40 +0,03 6x11,1x40 +0,03	G P6 G P6
Liana 1.6i 16V Eng. M16A 1586ccm	02-04										
Baleno 1.8 16V Eng. G18 1840ccm	94→	84 4	IN EX	V2141 V2142	12911-86FA0 12911-86F50 12915-86F50	33x6x86,3 28x6x85,9	45 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
SUZUKI DIESEL											
Wagon 1.3DDiS 16V Ignis 1.3DDiS 16V Swift 1.3DDiS 16V Eng. D13A Eng. Z13DT 1248ccm	04→ 03→ 05→ 51kW(69PS)	69,6 4	IN IN EX EX	V1413 V1873 V1414 V1874	12911-85E00 12911-68L10-000 12915-85E00 12915-68L10-000	21,7x6x109,2 22,45x6x109,2 21,7x6x109,2 22,5x6x109,2	45 3 45 3 45 3 45 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
Liana 1.4 DDiS Eng. RB 414D/8HY 1398ccm	04→ 66kW(90PS)	73,7 4	IN EX	V1457 V1458	12911-73J00 12915-73J00	24,3x5,5x96,4 22,4x5,5x96,6	45 3 45 3	VV399 VV399N VV399 VV399N		5,5x9,56x34 +0,05 5,5x9,56x34 +0,05	G A G A

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
SUZUKI DIESEL												
Jimny 1.5 DCi Eng. K9K 700 Turbo Engine Renault 1461ccm 60kW(82PS)	03→	76 4	IN	V979	13201-BN700 7701 473 184	33,4x6x101	45	3	VV319 VV319.1 VV319N		6x11,07x40,5 +0,05 +0,20	B F
			EX	V980	13202-BN700 7701 473 183	28,9x6x100,8	45	3	VV319 VV319.1 VV319N		6x11,07x40,5 +0,05 +0,20	B F
Vitara 1.9DDiS Eng.F9Q – Renault 1870ccm 59/79kW(80/100PS)	07→	80 4	IN	V951	12910-67JG0	35,4x7x111	45	1	VV182 VV182.1	7700 859 086	7x12,06x38,3 +0,05	B F
			EX	V952	12915-67JG0	32,6x7x110,8	45	1	VV182 VV182.1	7700 859 086	7x12,06x38,3 +0,05	B F
SX4 1.9 DDiS 4WD Eng. D16AA 1910ccm	06→	82 4	IN	V1033		35,5x8x115	45	3	VV260 VV260.1 VV260.2 VV260.3 VV260.4	7 565 472 46 433 782 46 433 783 7 565 473 46 433 784	8x14,04x43 +0,03 +0,08 +0,18 +0,23	G F
			EX	V1034		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
Vitara 1.9D Eng. XUD9A 1905ccm 47/52kw(64/71PS)	95-99	83 4	IN	V721	12911-86CA0 LGH 10053	38,5x8x112,4	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,20	B A
			EX	V710	12915-86CA0 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	LGH 10054	33x8x111,9	45	1	VV186 VV186.1 VV186.2	0220.75 0220.65	8x14,06x52 +0,05 +0,20	B A

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
														4
SUZUKI DIESEL														
Vitara 1.9 TD 97→ Baleno 1.9 TD 98→ Samurai 1.9 TD 98→ Eng. XUD9SD/TE Turbo 1905ccm 51/55kw(71/75PS)	83	IN	4	V721A	LGH 10051	38,5x8x112,4	45	1	VV187	0220.A2	8x14,06x48	+0,05	B	
				V721N1		+0,5S		VV187.1	F					
				V721N3		+1,0S								
V710 V710N1 V710N3	EX	4	4	V710	LGH 10052	33x8x111,9	45	1	VV187	0220.A1	8x14,06x48	+0,05	B	
				V710N1		+0,5S		VV187.1	F					
				V710N3		+1,0S								
V722 V722N1 V722N3	EX	4	4	V722	LGH 10054	33x8x111,9	45	1	VV187	0220.A2	8x14,06x48	+0,05	B	
				V722N1		+0,5S		VV187.1	F					
				V722N3		+1,0S								
Grand Vitara 2.0 HDi 16V 01→ Eng. DW10ATED4, RHZ Peugeot 1997ccm 80kw(109PS)	85	IN	4	V1085	96247742 0948.95	35,6x6x107,1	45	3	VV378	0220.A2	6x10,06x41,5	+0,05	G	
									VV378.1					A
									VV266					
		VV266.1	F											
		EX		4	4	V1086	96247745 0949.96	33,8x6x107,1	45	3	VV378	0220.A2	6x10,06x41,5	+0,05
			VV378.1								A			
VV266	0220.A1		6x12,07x42,5											
VV266.1		F												
Vitara 2.0TDi 16V 02→ Eng. RHW (DW10ATED4) Grand Vitara 2.0HDi 16V 01→ Eng. RHZ (DW10ATED4) Engine Peugeot 1997ccm 80kW(109PS)	85		IN	4	V1313	96353179 0948.C0	29,9x6x106,2	45	3	VV378	0220.A2	6x10,06x41,5	+0,05	G
		VV378.1								A				
		VV266												
		VV266.1	F											
		EX		4	4	V1314	96353184 0949.A9	25x6x106,1	45	3	VV378	0220.A2	6x10,06x41,5	+0,05
			VV378.1								A			
VV266	0220.A1		6x12,07x42,5											
VV266.1		F												
Grand Vitara 2.0TDi 98→ Eng. RF Mazda 1997ccm 52/64kW(71/87PS)	86		IN	4	V1819	12911-78E00	39,4x8x106,8	60	1	VV431	11116-78E01	8x14,04x40,5	+0,05	G
		V1511						VV431N	A13					
EX	4	4	4	V1820	12915-78E00	35,1x8x106,8	45	1		VV432	11115-78E00	8x14,04x46,5	+0,05	G
				V1512				VV432N	A16					

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
SUZUKI DIESEL												
Vitara 2.0TD Eng. RF 1998ccm	94→ 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
Grand Vitara 2.0TD Eng. Mazda 1998ccm	98→	4	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 Eng. 475 IDI 1405ccm	02→	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 Safari TD Telcoline TD Eng. 483DL 1948ccm	97→ 99→ 99→	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
TATRA												
Tatra T815 Eng. T3/T3A -920 Eng. T3-928/929/930	86→	120 8 10 12	IN	V371	928.1.0410.1	52x10x144	60	9	VV77		10x17,5/17,06x78	G G6
			EX	V372	928.1.0411.1	45x10x144	45	9	VV78		10x17,5/17,06x70,5	G G
			IN	V1351	442.0.1209.026.8	52x10x144	60	9	VV77		10x17,5/17,06x78	G G6
			EX	V1352	442.0.1209.027.8	45x10x144	45	9	VV78		10x17,5/17,06x70,5	G G
Tatra T 148 E Eng. T 928 12660ccm	71	120 8 12	IN	V331	442.0.1209.022.4	52x10x138	60	9				
	166kw(226PS)		EX	V332	442.0.1209.023.4	48x10x138	45	9				
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				

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
TORPEDO											
T 500, TV-500		IN	V19	V500 0614	50x11,5x137	45	9	VV51	V500.06.10B	11,5x18,03x75	G A16
		EX	V20	500 0615a	42x11,5x137	45	9	VV51	V500.06.10B	11,5x18,03x75	G A16
		EX	V34B	V500 0615b	42x11,5x137	45	9	VV51	V500.06.10B	11,5x18,03x75	G A16
ARAN T 101		IN	V21	101 0614b	44x10x180	45	9	VV300		10x18,04x95	G A15
		EX	V21	101 0614b	44x10x180	45	9	VV300		10x18,04x95	G A15
PENTA T 700		IN	V32 V32N1 V32N3	T 701 0614	32x8x114,5 +0,5S +1,0S	45	11	VV46 VV46N	701 0610	8x15,03x62 +0,05	G A
		EX	V31 V31N1 V31N3	T 701 0615	32x8x114,5 +0,5S +1,0S	45	11	VV46 VV46N	701 0610	8x15,03x62 +0,05	G A
PENTA B 700		IN	V173 V173N1 V173N3	B 700 0614 23 3578	38x8x114,5 +0,5S +1,0S	45	11	VV183 VV183N	B 700 0610 A	8x15,03x59 +0,05	G F6
		EX	V174 V174N1 V174N3	B 700 0615 23 3580	34x8x114,5 +0,5S +1,0S	45	11	VV183 VV183N	B 700 0610 A	8x15,03x59 +0,05	G F6
PENTA D 700		IN	V353	D 700 0614 23 4843	38x8x120,5	45	1				
		EX	V354	D 700 0615 23 4844	34x8x120,5	45	1				
VENDER T-600 T624 9156ccm	135 4	IN	V23	600 0614	53x11x167	45	15				
73,5kw(100PS)		EX	V24	600 0615	48x11x167	45	15				

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
TOYOTA												
Yaris 1.0 16V 98→ Eng. 1SZ-FE DOHC 998ccm 50kw(68PS)	69	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 84-93 Starlet 1000 GL/XL 84-89 Eng. 1E-L	70,5	IN	V1019	13711-10020	30x6x92,3	45	1	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P	
			EX	V1021	13712-10010	21x6x98,7	45	1	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P
Hiace 1.0 12V 93→ Starlet 1000 GL/XL 12V 89-92 Eng. 1E 999ccm 40kW(54PS)	73	IN		V1020	13715-10030	31x6x92,3	45	1	VV383 VV383N	11122-10040	6x11,05x40,5 +0,05	G P
			EX									
Corolla 1.3 12V 87→ Corona 1.3 12V 85→ Haice 1.3 12V 89→ Sprinter 1.3 12V 85→ Starlet 1.3 12V 84→ Eng. 2E, 2E-E/C/U/L 1295ccm 55/60/74kW(75/82/101PS)	4	IN										
			EX									
Aygo 1.0 VVT 05→ Yaris 1.0 VVT 06→ Eng. 1KR-FE 998ccm 51kW(69PS)	71	IN	V1721	13711-40040	27,4x5x88,4	45	1	VV435	11122-21010	5x9,75x34,4	G P	
			EX	V1722	13715-40040	23,6x5x89,2	45	1	VV435	11122-21010	5x9,75x34,4	G P
Yaris 1.3 16V 02→ Eng. 2SZ-FE 1298ccm	72	IN	V1249	13711-23030 13711-97401 13711-0J010	26x5x88,2	45	1	VV435	11122-21010	5x9,75x34,4	G P	
			EX	V1250	13715-23030 13715-97401 13715-0J010	22,6x5x89,2	45	1	VV435	11122-21010	5x9,75x34,4	G P

1	2	3	4	5	6	7	8	9	10	11	12
TOYOTA											
Auris 1.3 16V 08→ 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	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 92→ Starlet 1.3 16V 96→ Eng. 4E-FE 1331ccm 55/66kW(75/88PS)	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 92→ Cyros 1.5 16V 92→ Eng. 5E-FE 1496ccm 85kW(115PS)	74 4	IN EX	V1019 V1020	13711-10020 13715-10030	30x6x92,3 31x6x92,3	45 45	1 1	VV383 VV383N VV383 VV383N	11122-10040 11122-10040	6x11,05x40,5 +0,05 6x11,05x40,5 +0,05	G P G P
Yaris 1.3 16V 98→ Yaris Verso 1.3 16V 99→ Eng. 2NZ-FE 1299ccm 63/66kW(86/90PS)	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 01→ Yaris Verso 1.5 16V 99→ Prius 1.5 16V 99→ Eng. 1NZ-FE 1497ccm 53/78kW(72/106PS)	75 4	IN EX	 	 	 	 	 	 	 	 	

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
TOYOTA												
Corolla, Tercel 1.3	79-88	76	IN	V1523	13711-15010	36x7x106,7	45	8				
Hiace 1.3	79-84	4			13711-15030							
Sprinter 1.3	83-85											
Eng. 2A-U 1295ccm	54kw(73PS)		EX	V1524	13715-15010	31x7x106,7	45	8				
Corolla 1.5	79-82	77,5										
Corona, Carine 1.5	79-84	4										
Hiace 1.5	80-88											
Sprinter 1.5	83-88											
Tercel 1.5	79→											
Eng. 3A-C/U/LU 1453ccm	52kW(71PS)											
Corolla, Carina 1.6	83→	81										
Celica 1.6	83→	4										
Sprinter, Tercel 1.6	83→											
Eng. 4A-C/CL 1587ccm	54kW(73PS)											
Corolla 1.4VTi 16V	01→	79	IN	V1477	13711-22040	31x5,5x88,7	45	1	VV368	11122-20020	5,5x10,35x34,5	G
Auris 1.4VTi 16V	07→	4			13711-0D020							P
Eng. 4ZZ FE 1398ccm	71kW(97PS)		EX	V1478	13715-22040	26,1x5,5x88,7	45	1	VV368	11122-20020	5,5x10,35x34,5	G
					13715-0D020							P
Corolla 1.6i 16V	01→											
Avensis 1.6i 16V	03→											
Eng. 3ZZ FE 1598ccm	81kW(110PS)											
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)											

1	2	3	4	5	6	7	8	9	10	11	12
TOYOTA											
Celica 1.8 TS 01→ Corolla 1.8 TS 02→ Eng. 2ZZ-GE/G3 1796ccm 141/165kW(192/224PS)	79	IN	V1801	13711-88600	34x5,5x111,3	45	1	VV436	11122-88600	5,5x10,56x43	G P
	4										
		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	IN	V1803	13711-22030	32x5,5x88,7	45	1	VV368	11122-20020	5,5x10,35x34,5	G P
	4										
		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	80,5	IN	V1799	13711-37020	32x5,5x109,4	45	1	VV368	11122-20020	5,5x10,35x34,5	G P
	4										
		EX	V1800	13715-37030	27,5x5,5x108,3	45	1	VV368	11122-20020	5,5x10,35x34,5	G P
Yaris 1.8i 16V 06→ Eng. 2ZR-FE 1797ccm											
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	IN	V1473	13711-15030	30x6x91,3	45	1	VV367	11122-15030	6x11,06x38,4	G P
	4										
		EX	V1474	13715-15030	24,5x6x91,9	45	1	VV367	11122-15030	6x11,06x38,4	G P
Avensis 1.6i 16V 97→ Carina 1.6i 16V 87-97 Celica 1.6i 16V 89-93 Corolla 1.6i 16V 87-92 Corona 1.6i 16V 88→ Eng. 4A FE 1587ccm 74/81kW(101/110PS)	81	IN	V1475	13711-02050 13711-15090	31,1x6x87,5	45	1	VV367	11122-15030	6x11,06x38,4	G P
	4										
		EX	V1476	13715-16060	24,5x6x87,9	45	1	VV367	11122-15030	6x11,06x38,4	G P

1	2	3	4	5	6	7	8	9	10	11	12
TOYOTA											
Avensis 1.8i 16V 97-00 Carina 1.8i 16V 94-97 Celica 1.8i 16V 93-99 Corolla 1.8i 16V 95-97 Corona 1.8i 16V 92-→ Sprinter 1.8i 16V 95-→ Eng. 7A FE 1762ccm 81kw(110PS)	86	IN	V1475	13711-02050	31,1x6x87,5	45	1	VV367	11122-15030	6x11,06x38,4	G P
Avensis 2.0i 16V 97-00 Eng. 3S-FE Japanese production 1998ccm	4	EX	V1476	13715-16060	24,5x6x87,9	45	1	VV367	11122-15030	6x11,06x38,4	G P
Alion 2.0i 16V 02-→ Avensis 2.0i 16V 00-→ Caldina 2.0i 16V 03-→ Calmyr 2.0i 16V 01-→ Ipsum 2.0i 16V 01-→ Ipsis 2.0i 16V 04-→ Noah 2.0i 16V 05-→ Premio 2.0i 16V 02-→ RAV4 2.0i 16V 00-→ Voxi 2.0i 16V 06-→ Vish 2.0i 16V 03-→ Eng. 1AZ FE/FSE 1998ccm 110/112/114kW	86	IN	V1479	13711-28010	33,9x5,5x101,7	45	1	VV369 VV369N	11122-28010	5,5x10,34x38,4 +0,05	G P
Avensis 2.0 16V 97-→ Camry 2.0 16V 86-91 Carina 2.0 16V 87-96 Celica 2.0 16V 86-89 Hiace 2.0 16V 89-→ Picnic 2.0 16V 97-→ Rav 4GS/GX 2.0 16V 94-→ Funcruiser 2.0 16V 94-→ Eng. 3S-FE DOHC 1998ccm 68/88/94/98kW	86	IN	V1339	13711-74101	32x6x97,5	45	1	VV571	11122-74030	6x11,04x38,5	G P
	4	EX	V1340	13715-74100	27x6x98,5	45	1	VV572	11122-16010	6x11,04x40,5	G P1

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
TOYOTA													
Hiace Coaster Eng. 2TRFE 2693ccm NEW	08→	4		IN	V2359	13711-75110	37,5x5,5x106,4	45	1				
				EX	V2360	13715-75100	31,6x5,5x106,9	45	1				
Camry 3.0 V6 Eng. 1MZ-FE 2995ccm	96→	87,5 V6		IN	V2145	13711-20020	34x5,5x95,3	45	1				
				EX	V2146	13715-20020	27,3x5,5x95,3	45	1				
Lexus IS 200 114KW Eng. 1GFE 1998ccm	99→	6		IN	V1905	13711-70060	29,5x5x91,7	45	1				
				EX	V1906	13715-70080	25x5x91,8	45	1				
Lexus GS 300 Lexus GS 300 VVT 3000ccm NEW		6		IN	V2327	13711-46021 13711-46022	33,5x6x98,6	45	1				
				EX	V2328	13715-46020	29x6x99,1	45	1				
Land Cruiser 100 4.7 V8 Eng. 2UZFE 4664ccm GS 430 VVT LS 430 VVT Eng. 3UZFE 4293ccm NEW	00→	6 8		IN	V2329	13711-50060	34,5x5,5x95,1	45	1				
				EX	V2330	13715-50060 13715-50070	29x5,5x95,1	45	1				
RAV 4 Eng. 2GRFE 3456ccm Land Cruiser Prado Eng. 1GRFE 4461ccm NEW	09→ 10→	V6 V8		IN	V2331	13711-31100	38x5,5x105,9	45	1				
				EX	V2332	13715-31120	32x5,5x110,4	45	1				
TOYOTA DIESEL													
Auris 1.4D - 4D Corolla 1.4D4-D TDi Eng. 1ND TV/D-4D 1364ccm	04→ 06→	71 4		IN	V1487	13711-33030	30,6x6x100	45	1	VV374	11122-30020	6x11,09x40,6	G P
				EX	V1488	13715-33040	28x6x99,8	45	1				
	55/66kw(75/90PS)												

1	CYL. Ø Nº	IN EX	3	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	9	10	11	12
TOYOTA DIESEL												
Yaris 1.4D - 4D Auris 1.4D - 4D Eng. 1ND-TV 1364ccm	01→ 07→	73 4	IN EX	V1487 V1488	13711-33030 13715-33040	30,6x6x100 28x6x99,8	45	1	VV374 VV374	11122-30020 11122-30020	6x11,09x40,6 6x11,09x40,6	G P G P
Aygo 1.4HDi Eng. DV4D Peugeot 2WZ-TV 1398ccm	06→ 40kW(54PS)	73,7 4	IN EX	V1205 V1206	SU001-00551 SU001-00552	32,8x5,5x97,3 30,3x5,5x97,3	45	3	VV399 VV399N VV399 VV399N		5,5x9,56x34 +0,05 5,5x9,56x34 +0,05	G A G A
Corolla 1.9D Eng. 1WZ Peugeot 1868ccm	99→ 51kW(69PS)	82,2 4	IN EX	V721 V721N1 V721N3 V710 V710N1 V710N3	0948.59 0949.73	38,5x8x112,4 +0,5S +1,0S 33x8x111,9 +0,5S +1,0S	45	1	VV186 VV186.1 VV186.2 VV186 VV186.1 VV186.2	0220.75 0220.65 0220.75 0220.65	8x14,06x52 +0,05 +0,22 8x14,06x52 +0,05 +0,22	B A 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	99→ 99→ 00→ 00→ 66/81kW(90/110PS)	82,2 4	IN EX	V1485 V1486	13711-27010 13715-27010	28x6x102,6 24x6x102	45	1	VV373 VV373	11122-27010 11122-27010	6x11,04x40,6 6x11,04x40,6	G P G P
Camry/Corola 1800 D Corona/Sprinter 1800 D Town Ace 1800 D Vista 1800 D Eng. 1C 1839ccm	81-85 81-85 81-85 81-85 48kW(65PS)	83 4	IN EX	V1345 V1346	13711-64010 13715-64010	38,5x8x105,6 32,5x8x106,5	45	1	VV372 VV372N VV372 VV372N	11126-24030 11126-24030	8x13,04x50 +0,05 8x13,04x50 +0,05	G P G P
Corolla 200 D 16V Town Ace 2000 D Lite Ace 2000 D Eng. 2C 1974ccm	92-97 83-85 88-95 53kW(72PS)	86 4										

1	2	3	4	5	6	7	8	9	10	11	12
TOYOTA DIESEL											
Camry 2.0 D 84→ Carina 2.0 D 87-96 Corolla 2.0 D 92-97 Corona 2.0 D 83-87 Sprintr 2.0 D 84→ Eng. 2C 1974ccm 54/54kw(72/73PS)	86	IN	V1345	13711-64030	38,5x8x105,6	45	1	VV371	11122-64010	8x13,04x46	G
	4			13711-64020				VV371N		+0,05	P
		EX	V1482	13715-64030	32,4x8x105,3	45	1	VV372	11126-64030	8x13,04x50	G
				13715-64040				VV372N		+0,05	P
Camri 2.0 TD 86-91 Camri 2.0 TD 94-97 Vista 2.0 TD 90→ Eng. 2C-T 1974ccm 61/67kW(83/91PS)	86	IN	V1345	13711-64030	38,5x8x105,6	45	1	VV371	11122-64010	8x13,04x46	G
	4			13711-64020				VV371N		+0,05	P
		EX	V1482	13715-64030	32,4x8x105,3	45	1	VV372	11126-64030	8x13,04x50	G
				13715-64040				VV372N		+0,05	P
Camri 2.2 TD 84→ Caldina 2.2 TD 03→ Corona 2.2 TD 99→ Gaia 2.2 TD 99→ Ipsum 2.2 TD 96→ Picnic 2.2 TD 97-01 Vista 2.2 TD 94→ Eng. 3C-TE 2184ccm 66/70kW(90/95PS)	86	IN	V1345	13711-64030	38,5x8x105,6	45	1	VV371	11122-64010	8x13,04x46	G
	4			13711-64020				VV371N		+0,05	P
		EX	V1482	13715-64030	32,4x8x105,3	45	1	VV372	11126-64030	8x13,04x50	G
				13715-64040				VV372N		+0,05	P
Auris 2.0D-4D 16V 06→ Avensis 2.0D-4D 16V 06→ Eng. 1AD FTV Euro 4 1998ccm 93kW(126PS)	86	IN	V1661	13711-0R010	30,1x6x104,3	45	1	VV374	11122-30020	6x11,09x40,6	G
	4										P
		EX	V1662	13715-0R010	27x6x104,1	45	1	VV374	11122-30020	6x11,09x40,6	G
											P
Avensis 2.2D-4D 16V Rav 4 2.2D-4D 16V 06→ Corolla Verso 2.2D-4D 16V 05→ Eng. 2AD FTV Euro 4 2230ccm 100/130kW(136/177PS)											
Blizzard 2.2D 80→ Chaser 2.2D 80→ Cresida 2.2D 80-84 Crown 2.2D 79-83 Hi Ace 2.2D 82-85 Hilux 2.2D 80-87 Eng. L 2188ccm 47/53kW(64/72PS)	90	IN	V1583	13711-54010	42,6x8,5x123	45	3				
	4										
		EX	V1584	13715-54020	35x8,5x122,8	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

TOYOTA DIESEL

Blizzard 2.4D	84→	92	IN	V1583	13711-54010	42,6x8,5x123	45	3				
Chaser 2.4D	88→	4										
Cresida 2.4D	84-96		EX	V1584	13715-54020	35x8,5x122,8	45	3				
Crown 2.4D	83→											
Corona 2.4D	83→											
Duna 100/150 2.4D	85-95											
Hi Ace 2.4D	84-95											
Hilux 2.4D	88-97											
Landcruiser 2.4D	88→											
4-Runier 2.4D	88→											
Eng. 2L 2446ccm	53/62kW(72/85PS)											
Corona 2.4 D/TD	88→	92	IN	V1387	13711-54020	42,5x8x103,5	45	1	VV320	11122-67020	8x13,05x42	G
Cressida 2.4 D/TD	88→	4			13711-17010				VV320N		+0,05	P
Duna 2.4D	85→											
4 Runier 2.4 D/TD	88→		EX	V1484	13715-54040	36x8x103,3	45	1	VV320	11122-67020	8x13,05x42	G
Hilux, Hiace 2.4 D/TD	88→				13715-17010				VV320N		+0,05	P
Land Cruiser 2.4 D/TD	88→											
Toyo Ace Chaser 2.4D	88→											
Eng. 2L, 2L T/TE 2445ccm	55kw(78PS)											
Dyna 2.8 D/TD	88→											
Hiace 2.8 D/TD	88→											
Eng. 3L 2779ccm	67kw(91PS)											
Hi-Lux 2.5D-4D		92	IN	V1953	13711-30040	30,5x6x105,6	45	1	VV374	11122-30020	6x11,09x40,6	G
Eng. 2KD-FTV 2494ccm		4										P
			EX	V1954	13715-30040	26,5x6x105,8	45	1	VV374	11122-30020	6x11,09x40,6	G
												P
Land Cruiser 4.2 TDi 24V	98→	94	IN	V1391	13711-17020	33x7x127,2	45	1				
Eng. 1HD FTE Turbo 4164ccm	125/150kW(170/204PS)	6			13711-17021							
			EX	V1392	13715-17030	30,5x7x126,8	45	1				
Dyna 150 2.8 TD	88→	96	IN	V1387	13711-54020	42,5x8x103,5	45	1	VV528	11122-68010	8x13,05x40	G
Eng. 3L 2778ccm		4							VV528N		+0,05	P
			EX	V1484	13714-54040	36x8x103,3	45	1	VV528	11122-68010	8x13,05x40	G
									VV528N		+0,05	P

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
														4
TOYOTA DIESEL														
Land Cruiser 90 3.0 TD Runier 3.0 TD Eng. 1KZ TE 2982ccm 92kW(125PS)	94→	96	4	IN	V1387	13711-54020	42,5x8x103,5	45	1	VV320 VV320N	11122-67020	8x13,05x42 +0,05	G P	
	93-96	4		EX	V1388	13715-67020	37x8x103,5	45	1	VV320 VV320N	11122-67020	8x13,05x42 +0,05	G P	
Land Cruiser 90 3.0TD Runner 3.0TD Eng. 1KZ-TE 2982ccm 92kW(125PS)	01→	96	4	IN	V1805	13711-54040	42,4x8x104,2	45	1	VV486	11122-67020	8x13,05x42	G P	
	00→	4		EX	V1806	13715-67040	37x8x104,2	45	1	VV486	11122-67020	8x13,05x42	G P	
Land Cruiser 90 3.0D 16V Land Cruiser 120 3.0D 16V Hi-Lux 3.0D 16V Eng. 1KD-FTV 2982ccm 120kW(163PS)	00→	96	4	IN	V1675	13711-30030	32,2x6x105,4	45	1	VV374	11122-30020	6x11,09x40,6	G P	
	00→	4		EX	V1676	13715-30030	27,7x6x105,4	45	1	VV374	11122-30020	6x11,09x40,6	G P	
Bondeirante 3.8D Eng. OM 314.910 3780ccm 63kw(85PS)	84-01	97		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	VV36 VV36.1		9x15,03x72 +0,20	G F	
				EX	V169 V490N3		36x10x140,5 +1,0S	45	5	VV53 VV53.1 VV53.2		10x15,03x73 +0,10 +0,20	G A	
				EX	V490 V490N3		36x10x140,5 +1,0S	45	5					
				EX	V488		36x10x140,5	45	5	VV37 VV37.1			10x15,03x67 +0,20	G F
URSUS														
Ursus C 330,C 335, C328 Eng. S- 312C- Tractor S-312 1960ccm 23kw(31PS)	102	IN	2	V815 V815N	5000 849	44,5x9x145 +1,0D/+0,5S	45	5	VV152			9x15,04x70	G A	
		EX		V816 V816N	5000 848	36,5x9x145 +1,0D/+0,5S	45	5	VV152			9x15,04x70	G A	

1	2	3	4	5	6	7	8	9	10	11	12
URSUS											
Ursus C355, C360 Eng. S-4003-Tractor 3120ccm 36kw(50PS)	95 4	IN	V475 V475N1 V475N2 V475N4	5050 506	39,2x8x129,5 +0,5S +1,0D/+0,5S +1,0S	45	5	VV06 VV06N		8x17,4/15,04x62 +0,10	G G
		EX	V476 V476N1 V476N2 V476N4	5050 505	33,2x10x129,5 +0,5S +1,0D/+0,5S +1,0S	45	5	VV07 VV07N		10x17,4/15,04x62 +0,10	G G
Ursus 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
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
Ursus C385 Turbo Eng. Z 8602.1. 6842ccm 111kw(151PS)	110 6	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
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

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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
U.T.B. UNIVERSAL												
U445,U550M, U640		IN	V321	11 502 050 4 659 379	44x8x125,8	45	1	VV326 VV326.1 VV326.2		8x14,02x56 +0,03 +0,18	G A16	
			V321N		+0,3S							
			V321N1		+0,5S							
			V321N2		+1,0S							
			V321N4		+1,5S							
		EX	V322	12 702 105 4 673 608	37x8x125,6	45	1	VV379 VV379.1 VV379.2 VV379.3		8x14,02x48,7 +0,05 +0,10 +0,15	G A1	
			V322N		+0,3S							
			V322N1		+0,5S							
			V322N2		+1,0S							
			V322N4		+1,5S							
VAUXHALL „see” OPEL												
VLADIMIRAC												
T25, T40 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												
Wolga 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	
Wolga 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	

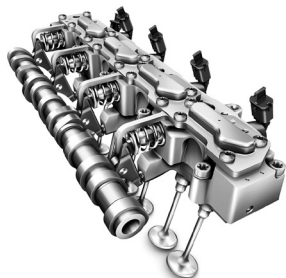
1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
VOLKSWAGEN												
Polo 1.0i Lupo 1.0i Eng. AER/ALL 999ccm 37kw(50PS)	97→	67,1	IN	V851	030 109 601AG	31x7x94,7	45	3	VV217 VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G
	97→	4							VV579 VV579.1	032 103 418A	7x11,07x33 +0,20	B F
			EX	V852	030 109 611N	26x7x94,4	45	3	VV217 VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G
									VV579 VV579.1	032 103 418A	7x11,07x33 +0,20	B F
Lupo 1.0i Eng. ANV, AUC Lupo 1.0i Eng. ALD Polo 1.0i Eng. ALD, AUC 999ccm 37kw(50PS)	99-01	67,1	IN	V1439	030 109 601AK	31x6x99	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
	00→	4	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	69,5	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
	75-79	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 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	69,5	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
	74-79	4										
Derby 1.1 Polo GLS/LS 1.1 Eng. HC 1093ccm 44kW(60PS)	76-77	69,5	IN	V692	052 109 601	31,5x8x104	45	1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
	75-79	4										
Derby GLS/LS 1.3 Polo GLS/LS 1.3 Eng. HJ/HH 1272ccm 44kW(60PS)	77-79	75	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
	78-79	4										

1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Derby, Polo GL/L 0.9 79→ Eng. HA/DN 895ccm 29kW(40PS)	69,5	IN	V647	036 109 601	34x8x104	45	1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Jetta, Scirocco 1.1 79→ Derby, Polo GLS/LS/S 1.1 79→ Golf I, GL/L Formel E 1.1 79→ Eng. HB/GG/FA/FJ/HC 1093ccm 37kW(50PS)		EX	V648	052 109 611	28x8x104	45	1	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Derby, Polo GLS/LS/S 1.3 79-81 Santana 1.3 79-81 Golf I, Jetta GL/GLS/L/LS/S 1.3 79-81 Passat GL/L 1.3 79-81 Scirocco GL/GT/L 1.3 79-81 Eng. FZ/FY/GF/GK/HH 1272ccm 40/44kW(55/60PS)	75 4										
Derby, Scirocco C/CL/GL 1.1 84→ Golf I, Polo C/CL/GL/Formel E 1.1 84→ Eng. HD/HC 1093 ccm 37/44kW(50/60PS)	69,5	IN	V545	036 109 601B	34x8x104	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Derby, Jetta, C/CL/GL 1.3 81→ Golf I, Polo C/CL/GL 1.3 81→ Santana 1.3 81→ Passat C/CL/GL (Variant) 1.3 81→ Scirocco CL/GL 1.3 81→ Eng. FY/FZ/EP/GF/HH/HJ 1272 ccm 40/44kW(55/60PS)	75 4	EX	V547	052 109 611A	28,2x8x104	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G
Caddy 1.2 TSI 10→ Golf VI 1.2 TSI Golf plus 1.2 TSI Polo 1.2 TSI 09→ Touran 1.2 TSI 10→ Beetle 1.2 TSI Jetta 1.2 TSI Eng. CBZA, CBZB 1197ccm	71 4	IN EX	V1957 V1958	03F 109 601A 03F 109 611B 03F 109 611C	35,4x6x98,7 30x6x98,4	45	3				

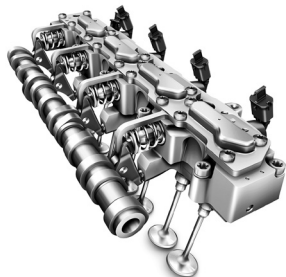
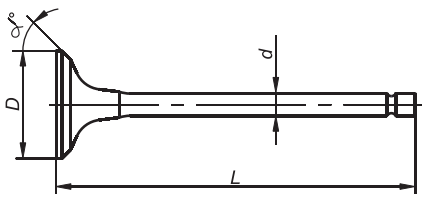
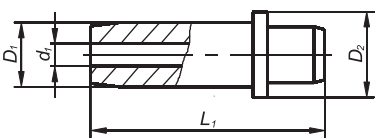
1	2	3	CYL. Ø No	IN EX	AV REF.	ORIGINAL PART No	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART No	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
VOLKSWAGEN													
Golf VII 1.2 TSI 16V Eng. CJZA/CJZB 1197ccm NEW	12→	4		IN	V2355	04E 109 601A	26,4x5x110,2	45	3				
				EX	V2356	04E 109 611K	23,5x5x110,1	60	3				
Lupo 1.0 i Eng. AHT 997ccm	98-00	72 4		IN	V2147	047 109 601B	31,5x7x103,6	45	3	VV217 VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G
				EX	V2148	047 109 611B	27x7x103,7	45	3	VV217 VV217.1	032 103 419A	7x12/11,07x33 +0,15	B G
UP 1.0 Eng. CHYA, CHYB 999ccm	11→	74,5 3		IN	V2135	04E 109 601	29,5x5x110,3	45	3				
				EX	V2136	04E 109 611L	26,9x5x110,3	60	3				
Polo 1.0i Eng. AEV 1043ccm 33kW(45PS)	92→	75 4		IN	V847	030 109 601N	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
Derby C/CL/GL/Coupe 1.1 Polo C/CL/GL/Coupe 1.1 Eng. GL 1043 ccm 29kw(40PS)	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
				EX	V712	036 109 611	28,2x8x110,5	45	3	VV80 VV80.1 VV80.2 VV80.3	049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25	B F
Derby C/CL/GL 1.3 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→	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
				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→	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
				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

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
VOLKSWAGEN												
Golf I, Jetta C/CL 1.3 Eng. GS/GT Polo 1.3 1272 ccm	85→ 86→ 44kw(60PS)	75	IN	V546 V547	036 109 601F 052 109 611A	31,5x8x104 28,2x8x104	45 45	3 3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419 056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F B F B F B F B F
		4	EX									
Polo G40/Coupe 1.3 Polo Coupe G40 1.3 Eng. PY 1272 ccm	87→ 91→ 83kw(113PS)	75	IN	V645A V646	030 109 601F 030 109 611A	36x8x98,9 28,9x8x99,1	45 45	3 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
		4	EX									
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	IN	V645A V682 V646	030 109 601F 030 109 601E 030 109 611A	36x8x98,9 32x8x99,3 28,9x8x99,1	45 45 45	3 3 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
		4	EX									

1	2	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
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	
									VV76.1		+0,05	G	
Golf III 1.4	91-94								VV76.2		+0,15		
Vento 1.4	92-94								VV76.3		+0,25		
Eng. ABD→No 1H-NW500000									VV80	049 103 419	8x12,06x42,5	B	
1391ccm	44kw(60PS)								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		

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	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	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
Polo 1.0i 89-94 Eng. AAU Unitil chassi n 80-NW-50000 1043 ccm	75	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 75-80 Eng. WP/YP/FR 1588 ccm 55/63kw(70/85PS)	75	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	EX	V848	030 109 611D	28,9x7x99,1	45	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)	75	EX	V848	030 109 611D	28,9x7x99,1	45	3	VV150 VV150.1	030 103 419A	7x12/11,07x36,5 +0,15	B G

1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Jetta C/CL/GL 1.3 Passat C/L 1.3 Santana CX 1.3 Passat C/CL 1.3 Eng. EP 1297 ccm 44kw(60PS)	83→ 83→ 83→ 84→	75 4	IN	V747	049 109 601F 049 109 601K	34x8x98,7	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 G G B F
Passat 1.5 Eng. ZC 1471ccm 63kw(85PS)	72-75	76,5 4	EX	V748	049 109 611F	31,2x8x98,5	45 3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G G G B F
Caddy 1.5 Golf I, Jetta C/CL/GL 1.5 Scirocco GL/GLS/GT 1.5 Jetta CL/GL/GLS/GS 1.5 Passat CL/GL/Variant 1.5 Eng. JB 1457ccm 51kw(70PS)	82→ 81→ 81→ 81→	79,5 4	EX	V784	032 109 611G	29x7x95	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
Passat 1.6 Santana 1.6 Eng. WP/YP/WV/EM/FR 1588ccm 48/55/63kw(65/75/85PS)	81→ 81→										
LT28-35 2.0 LT40-45 2.0 Eng. CH 1984ccm 55kw(75PS)	75→ 75→	75 4	IN EX	V1613 V1614	046 109 601C 046 109 611A	37,8x9x137,2 33x9x137	45 1 45 1				
Polo 55 1.3 Eng. ADX 1297ccm 40kW(55PS)	94→	76,5 4	IN EX	V1683 V784	030 109 601AA 030 109 601AB 032 109 611G	32,1x7x94,5 29x7x95	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 G B F
Polo 1.2 9N 6V Fox 1.2 6V Eng. AWY/BMD SOHC 1198ccm 40kw(54PS)	02→ 05→	76,5 3	IN EX	V1265 V958	032 109 601L 036 109 611K	34,5x6x99,2 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

VOLKSWAGEN

Polo 1.2i Eng. AMY	02→04	76,5 3	IN	V1265	032 109 601L	34,5x6x99,2	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Polo 1.2i Eng. DMD	04→07		EX	V1110	030 109 611T	28x6x99,2	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Polo 1.2i 12V Eng. BBM 1198ccm	07→ 40/44kw(54/60PS)				032 109 611L 032 109 611M 032 109 611A							
Fox 1.4i 16V Eng. BKR 1390ccm	05→	76,5 4										
Polo 1.2 9N 12V Eng. AZQ/BME SOHC 1198ccm	01→ 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
New Beetle 1.4 16v Golf IV 1.4 16V Bora, Lupo 1.4 16V Jetta 1.4 16v Cady 1.4 16v Polo 1.4 16V Touran 1.4 16v Eng. AUA/AHW/AKQ/APE/BCA/ANM/ AQQ/AFK/AUB/BBY 1390ccm	01→ 97→ 98→ 00→ 00→ 99→ 03→ 55/74kw(75/101PS)	76,5 4	EX	V958	036 109 611K	26x6x100,5	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Lupo 1.4 FSi 16V Golf V 1.4 FSi 16V Eng. ARR 1390ccm	01→ 03→ 77kw(105PS)											
Tiguan 1.4 TSI 16V Eng. BWK, CAVA	07→											
Scirocco 1.4 TSI 16V Eos 1.4 TSI 16V Jetta 1.4 TSI 16V Golf VI 1.4 TSI 16V Eng. CAVD 1390ccm	08→ 08→ 08→ 08→											

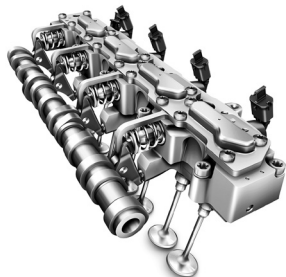
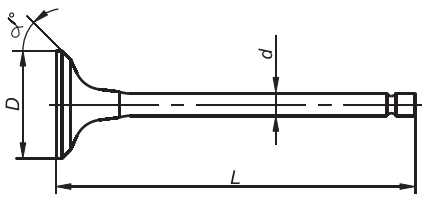
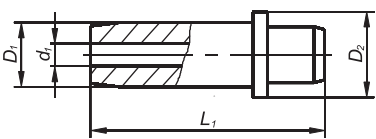
1	2	3	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
VOLKSWAGEN													
Golf VII 1.4 TSI 16V 12→ Eng. CMBA/CHPA 1395ccm NEW	4	IN	V2177	04E 109 601B	28,5x5x110,3	45	3						
		EX	V2178	04E 109 611J	25,1x5x110,1	60	3						
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		
		EX	V958	036 109 611K	26x6x100,5	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)	76,5 6	IN	V645	073 109 601A 030 109 601C	36x8x98,9	45	3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25	B G		
		EX	V748	049 109 611F	31,2x8x98,5	45	3	VV76 VV76.1 VV76.2 VV76.3 VV80 VV80.1 VV80.2 VV80.3	056 103 419A 049 103 419	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B G B F		
LT 28/31/35/45 2.4 82→ Eng. HS 2384ccm 62kw(84PS)	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		

1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
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 EX	V1109 V1110	030 109 601AL 030 109 611T	33,5x6x99,2 28x6x99,2	45 45	3 3	VV181 VV181.1 VV181 VV181.1	058 103 415 058 103 415	6x11,07x36 +0,05 6x11,07x36 +0,05	B F B F
Polo 1.4i 95-99 Caddy, Golf III -Variant 1.4i 97→ Polo-Classic/ Variant 1.4i 97→ Vento 1.4i 85→ Eng. AKV/AEX Caddy 1.4i 97→ Golf III 1.4i 93→ Polo 1.4i 95→ Eng. AKV/APQ 1390 ccm 40/44kw(54/60PS)	76,5 4	IN EX	V783 V784	030 109 601AH 032 109 611G	35,6x7x94,7 29x7x95	45 45	3 3	VV217 VV217.1 VV217 VV217.1	032 103 419A 032 103 419 A	7x12/11,07x33 +0,15 7x12/11,07x33 +0,15	B G B G
Caddy/Pick-up 1.6i 96→ Golf III, Polo 1.6i 95→ Vento 1.6i 95→ Eng. AEE, ALM 1595 ccm 55kw(75PS)											
Passat 1.4 TSI Ecofuel 09→ Touran 1.4 TSI Ecofuel Eng. CDGA 1390ccm	76,5 4	IN EX	V2149 V2150	03C 109 601L 03C 109 611Q	29,5x6x100,7 26x6x100,7	45 45	3 3				
Polo CL 75 1.6 94→ Eng. AEA/ABU Polo Variant 1.6 97→ Eng. AEE Golf III CL, Variant CL 1.6 94→ Golf III, Variant Syncro 1.6 94→ Vento GL 1.6 94→ Eng. AEA/ABU/AEE Golf III Variant 1.6 96→ Eng. AEE 1598ccm 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 45 45	3 3 3	VV217 VV217.1 VV217 VV217.1 VV217 VV217.1	032 103 419A 032 103 419A 032 103 419A	7x12/11,07x33 +0,15 7x12/11,07x33 +0,15 7x12/11,07x33 +0,15	B G B G B G

1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Caddy 1.6 Passat 1.6 Polo 1.6 Eng. 1F 1595ccm	95→ 88-90 95-99	76,5 4	IN EX	V1293 V870	048 109 601E 048 109 611B	38x7x91,8 32,9x7x91,2	45 3 45 3	VV160 VV160.1 VV160 VV160.1	051 103 419 051 103 419	7x12,07x35 +0,15 7x12,07x35 +0,15	B F B F
Golf IV 1.6 SRE Golf Plus 1.6 SRE Eng. CCSA 1598ccm	07→ 08→	76,5 4	IN EX	V1379 V1380	06B 109 601 H 06B 109 601 D 06B 109 601 B 06B 109 611 C 06B 109 611 B	39,4x6x93,8 32,9x6x93,8	45 3 45 3	VV393 VV393.1 VV393 VV393.1		6x12,07x36,4 +0,05 6x12,07x36,4 +0,05	B F B F
Golf 1.0 16V 999ccm	96→		IN EX	V1135 V1136	036 109 601R 036 109 611J	22,5x6x98,7 20x6x98,5	45 3 45 3				
Polo 1.4 16V Eng. AFH 1390ccm	96-99	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
1200, 1200A 1.2 113/117/141/151 1.2 Combi 221 1.2 Transporter 211 1.2 Eng. F 1192ccm	60→ 60→ 60→ 60→	77 4	IN EX	V318 V319	113 109 601A 113 109 612	31,5x8x111,8 30x8x111,8	45 3 45 3	VV233 VV233.1 VV233.2 VV233.3 VV233.4 VV253 VV253.1 VV253.2 VV253.3 VV253.4	113 101 402 113 101 403 113 101 404 113 101 406 113 101 408 113 101 416 113 101 417 113 101 418 113 101 420 113 101 422	8x12,06x64,5 +0,05 +0,15 +0,25 +0,45 8x12,06x65,5 +0,05 +0,15 +0,25 +0,45	B A B A6
1200, 1200L, 1303 1.3 1285ccm	74→ 33kw(44PS)	77 4	IN EX	V1127 V834	311 109 601 043 109 611	35,5x8x111,9 30x9x111,9	45 3 45 3				
1303 L/LS 1.6 Bus, Kombi 1.6 Transporter 1.6 Eng. AS 1584ccm	74→ 74-80 74-80	85,5 4									

1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
1300L, 1302, 1303L 1.3 1285ccm	72→ 33kw(44PS)	77 4	IN IN	V1127 V1080	311 109 601 040 109 601	35,5x8x111,9 39x8x111,8	45 3 45 3	VV233 VV233.1 VV233.2 VV233.3 VV233.4	113 101 402 113 101 403 113 101 404 113 101 406 113 101 408	8x12,06x64,5 +0,05 +0,15 +0,25 +0,45	B A
1500A/N, 1600, 1600A/Variant 1.5 Transporter 1.5 1493ccm	63-75 63-75 33kw(54PS)	83 4									
1500S/Variant 1.5 1493ccm	63-67 40kw(54PS)		EX	V1128	311 109 612A 311 109 612	32x8x111,8	45 3	VV253 VV253.1 VV253.2 VV253.3 VV253.4	113 101 416 113 101 417 113 101 418 113 101 420 113 101 422	8x12,06x65,5 +0,05 +0,15 +0,25 +0,45	B A6
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	85,5 4									
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	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
Passat CL5/GL5/Variant 1.9 Santana CL5/GL5 1.9 Eng. WN 1921ccm	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
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→	81 4	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

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 1781ccm 66/82kw(90/122PS)								VV80.2		+0,15	
								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 2144ccm 100kw(136PS)	5							VV76.1		+0,05	G
								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 1781ccm 77/82kw(104/112PS)								VV80.2		+0,15	
								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 New Beetle 1.6i 04→				06B 109 611B				VV393.1		+0,05	F
Passat 1.6i 00→											
Eng. ALZ, AYD 1595ccm 75kw(102PS)											

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

VOLKSWAGEN

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	IN	V754	035 109 601H 035 109 601G	38x8x91	45	3	VV76 056 103 419A VV76.1 +0,05 VV76.2 +0,15 VV76.3 +0,25 VV80 049 103 419 VV80.1 +0,05 VV80.2 +0,15 VV80.3 +0,25	8x13/12,06x36,5	B G
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 +0,05 VV76.2 +0,15 VV76.3 +0,25 VV80 049 103 419 VV80.1 +0,05 VV80.2 +0,15 VV80.3 +0,25	8x13/12,06x36,5	B G
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	IN	V869	078 109 601B	39,5x7x91,9	45	3	VV151 037 103 419B VV151N +0,05 VV151.1 +0,15	7x13/12,07x36,5	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 +0,05 VV151.1 +0,15	7x13/12,07x36,5	B G

1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Golf III 2.0 Vento 2.0 Passat 2.0 Corrado 2.0 Sharan 2.0 Eng. 2E/ADY New Beetle 2.0i Golf IV 2.0i Bora, Jetta 2.0i Eng. AEG/AQY/APK/AGG Caddy 2.0 Sharan 2.0 Passat 2.0 Teuran 2.0 Eng. ATM/AZM/BSX/AKR/AWG/AVH/BER 1984ccm 80/85kw(109/115PS) Transporter 2.0 Eng. AXA 1984ccm 85kw(115PS)	91-95 92-96 90→ 93-95 95→ 98→ 98→ 98→ 06→ 00→ 00→ 06→	82,5 4 EX	IN EX	V869 V870	078 109 601 B 048 109 611 B 078 109 611 C	39,5x7x91,9 32,9x7x91,2	45 3 45 3	VV151 VV151N VV151.1 VV151 VV151N VV151.1	037 103 419B 037 103 419B	7x13/12,07x36,5 +0,05 +0,15 7x13/12,07x36,5 +0,05 +0,15	B G B G B F
Golf II GLi 1.8 Golf II GTi 1.8 Scirocco GLi/GTi/GTS 1.8 Eng. DX, EV 1781ccm 82kw(112PS)	83→ 84→ 85→	81 4	IN EX	V753 V752	026 109 601 035 109 611F	40x8x98,7 33,2x8x98,5	45 3 45 3	VV80 VV80.1 VV80.2 VV80.3 VV80 VV80.1 VV80.2 VV80.3	049 103 419 049 103 419	8x12,06x42,5 +0,05 +0,15 +0,25 8x12,06x42,5 +0,05 +0,15 +0,25	B F B F
Golf II GTi 1.8i 16V Jetta, Passat GTi 1.8i 16V Scirocco GT/GT x 1.8i 16V Corrado GTi 1.8i 16V Eng. PL/KR 1781ccm 95/98kw(129/133PS)	85→ 88→ 85→ 89→	81 4	IN EX	V779 V780	027 109 601C 027 109 611D	32x7x95,5 28x7x98,2	45 1 45 1	VV149 VV149.1 VV149 VV149.1	027 103 419 027 103 423 027 103 419 027 103 423	7x13/12,07x38 +0,05 7x13/12,07x38 +0,05	B G B G

1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Golf II 2.0i 16V 89→91 Jetta 2.0i 16V 89→92 Passat GT 2.0i 16V 88→ Corrado GT 2.0i 16V 91→ Eng. 9A 1984ccm 100kw(136PS)	82,5	IN	V779	027 109 601C	32x7x95,5	45	1	VV149	027 103 419	7x13/12,07x38	B
	4							VV149.1	027 103 423	+0,05	G
		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
Golf II, Jetta GTi 1.8 85→ Scirocco GT/GTL/GTx 1.8 85→ Eng. RD 1781ccm 79kw(107PS)	81	IN	V701	026 109 601C	40x8x91	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
	4							VV76.1		+0,05	G
								VV76.2		+0,15	
								VV76.3		+0,25	
		EX	V702	026 109 611A 048 109 611A	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 II, Jetta 1.6 86→ Scirocco, Passat 1.6 86→ Eng. PP/PN/RE/RF 1595ccm 51/53kw(69/72PS)	81	IN	V796	035 109 601J 035 109 601K	38x8x91,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
	4							VV76.1		+0,05	G
								VV76.2		+0,15	
								VV76.3		+0,25	
Passat CL/GL 1.6 88→ Eng. DT 1595ccm 53/55kw(72/75PS)		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	
Passat GL 1.8 88→ Eng. DS/JN 1781ccm 66kw(90PS)											
Golf II, Jetta CL/GL/GT 1.8 89→ Scirocco 1.8 89→ Passat CL/GL/GT 1.8 89→ Eng. GU/RP F1G-M-000001→ 1781ccm 66/77kw(90/105PS)											

1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
Golf III, Vento, Passat 1.8 94→ Golf III Cabriolet 1.8 93→ Eng. AAM/ADZ Up to Erg. 408197/001108 1781ccm 55/66kw(75/90PS)	81	IN	V796	035 109 601J 035 109 601K	38x8x91,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
		EX	V702B	053 109 611	33,2x8x91	45	3	VV76.1 VV76.2 VV76.3		+0,05 +0,15 +0,25	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)								VV76	056 103 419A	8x13/12,06x36,5	B
								VV76.1 VV76.2 VV76.3		+0,05 +0,15 +0,25	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										
Passat 2.1 82-84 Santana 2.1 82-84 Eng. HY 2144ccm 100kw(136PS)	79,5										

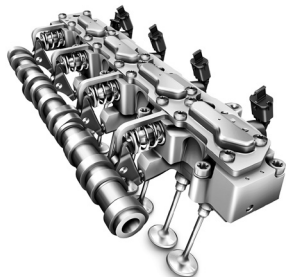
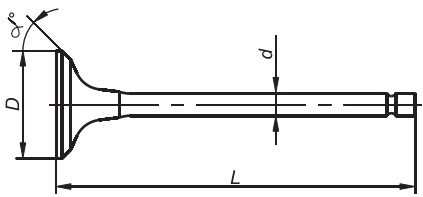
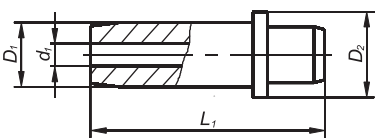
1	CYL. Ø No	IN EX	AV REF.	ORIGINAL PART No	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART No	DIMENSIONS d_1, x, D_2, D_1, x, L_1	MAT. SHAPE
VOLKSWAGEN											
Passat 2.2 85-88 Eng. KX/KV/JT 2266ccm 85/88/100kw(116/120/136PS)	81	IN	V796	035 109 601J 035 109 601K	38x8x91,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
		5									
	81	EX	V702B	053 109 611	33,2x8x91	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Golf III, Vento, Passat 1.6 94→ Eng. AEK Up to Eng. 000813/000778 1588ccm 74kw(100PS)	81	IN	V899	048 109 601A	39,5x8x91,9	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
		4									
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)	81	EX	V702B	053 109 611	33,2x8x91	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
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 VentoGL/G T 2.0 91→ Passat CL/GL/GT 2.0 91→ Passat Variant 2.0 90→ Golf Cabrio 2.0 93→ Eng. ADY 1984ccm 85kw(115PS)	82,5										
		4									

1	2	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
VOLKSWAGEN													
Golf IV 1.8i 20V	97→	81	IN	V839*	058 109 601C	26,9x6x105,1	45	3	VV181	058 103 415	6x11,07x36	B	
Bora 1.8i 20V	97→	4		* Retainer	s.e. 5 mm				VV181.1		+0,05	F	
Eng. AGN													
Passat 1.8i 20V	96-00		EX	V840*	058 109 611M	29,9x6x103,9	45	3	VV181	058 103 415	6x11,07x36	B	
Eng. AFY, ADR, APT				* Retainer	s.e. 3,4 mm				VV181.1		+0,05	F	
1781ccm	85/92kw(116/125PS)												
Passat 2.8i V6 30V	97-05	82,5											
Eng. ACK, APR, AMX, BBG, ALG, AQD		V6											
2771ccm	140/142kw(190/193PS)												
New Beetle 1.8i 20V Turbo	99→	81	IN	V839*	058 109 601C	26,9x6x105,1	45	3	VV181	058 103 415	6x11,07x36	B	
Bora 1.8i 20V Turbo	00-05	4		* Retainer	s.e. 5 mm				VV181.1		+0,15	F	
Golf IV 1.8i 20V Turbo	99-04		EX	V1634*	058 109 611E	29,9x6x103,9	45	3	VV181	058 103 415	6x11,07x36	B	
Eng. AGU, AUQ, ARZ, AVC, ARX, AUM				* Retainer	s.e. 5 mm				VV181.1		+0,15	F	
Passat 1.8i 20V Turbo	96-05												
Eng. AEB, ANB, AWT, APU													
Sharan 1.8i 20V Turbo	97→												
Eng. AJH													
1781ccm	110/132kw(150/180PS)												
Golf IV, Passat 2.3 VR5 20V	97→	81	IN	V929	021 109 601H	39x7x106	45	3	VV149	027 103 419	7x13/12,07x38	B	
Bora 2.3 VR5 20V	98→	5							VV149.1	027 103 423	+0,05	G	
Eng. AGZ													
2324ccm	110kw(150PS)		EX	V930	021 109 611D	34,2x7x107	45	3	VV149	027 103 419	7x13/12,07x38	B	
									VV149.1	027 103 423	+0,05	G	
Sharan 2.8 VR6	95→	81											
Golf III GTi VR6	92→	6											
Jeta 2.8 VR6	95→												
Vento GL/GT VR6	92→												
Corrado 2.8 VR6	91→												
Passat GL/GLS/GT VR6	91→												
Eng. AAA/AMY													
2792ccm	128kw(174PS)												
Golf III GTi 2.9 VR6 Syncro	94→	82											
Passat 2.9 VR6	94→	6											
Corrado 2.9 VR6	91→												
Golf Variant 2.9 VR6	97→												
Eng. ABV													
2861ccm	140kw(190PS)												

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
VOLKSWAGEN													
Passat VR5 2.3 20V Eng. AZX 2324ccm 125kw(170PS)	01→	81 5	IN	V1217	022 109 601E	31x6x102,1	45	3	VV512			6x10,04x44	B
				VV512N	+0,05	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	V1217	022 109 601E	31x6x102,1	45	3	VV512			6x10,04x44	B
				VV512N	+0,05	F							
			V1219	022 109 601F	31x6x136	45	3	VV513			6x10,04x65	B	
			VV513N	+0,05	F								
V1218	022 109 611C	27x6x136,4	45	3	VV513			6x10,04x65	B				
VV513N	+0,05	F											
V1220	022 109 611B	27x6x102,5	45	3	VV512			6x10,04x44	B				
VV512N	+0,05	F											
Sharan VR6 2.8 24V Eng. AYL 2792ccm 150kw(204PS)	00→	81 6	IN	V1219	022 109 601F	31x6x136	45	3	VV513			6x10,04x65	B
				VV513N	+0,05	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 6	IN	V1217	022 109 601E	31x6x102,1	45	3	VV512			6x10,04x44	B
				VV512N	+0,05	F							
			V1218	022 109 611C	27x6x136,4	45	3	VV513			6x10,04x65	B	
			VV513N	+0,05	F								
V1219	022 109 601F	31x6x136	45	3	VV513			6x10,04x65	B				
VV513N	+0,05	F											
V1220	022 109 611B	27x6x102,5	45	3	VV512			6x10,04x44	B				
VV512N	+0,05	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	V889	051 109 601B	32x7x95,5	45	3	VV160	051 103 419		7x12,07x35	B
				VV160.1	+0,15	F							
V890	051 109 611B	27x7x98	45	3	VV160	051 103 419		7x12,07x35	B				
VV160.1	+0,15	F											

1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
VOLKSWAGEN												
Golf 2.0 FSI 16V Eng. AXX	04-08	82,5 4	IN	V2027	06D 109 601M 079 109 601B	33,8x6x104	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Bora 2.0 TFSI 16V	05→											
Golf 2.0 TFSI 16V	05-11		EX	V1606	06D 109 611H	28x6x101,9	45	3	VV181 VV181.1	058 103 415	6x11,07x36 +0,05	B F
Passat 2.0 TFSI 16V	05-07											
Eos 2.0 TFSI 16V Eng. BPY	06→											
Bora 2.0 TFSI 16V	05→											
Golf 2.0 TFSI 16V	05→											
Jetta 2.0 TFSI 16V	05→											
Vento 2.0 TFSI 16V	06→											
Eos 2.0 TFSI 16V Eng. BWA	06→											
1984ccm	147kw(200PS)											
Golf V 2.0 TFSI 16V Eng. BYD	06-08											
Scirocco 2.0 TFSI 16V Eng. CDLC	09→											
Passat 1.8i TFSI 16V Eng. BZB	07→											
1781ccm	118kw(160PS)											
Tiguan 2.0 TSI 16V Eng. CAWA	08→											
1984ccm	125kw(170PS)											
Golf V 2.0 TFSI 16V	08→											
Jetta 2.0 TFSI 16V	08→											
Passat 2.0 TFSI 16V	07→											
Scirocco 2.0 TFSI 16V	08→											
Tiguan 2.0 TFSI 16V	07→											
Vento 2.0 TFSI 16V	08→											
Eos 2.0 TFSI 16V Eng. CAWB	08→											
Bora 2.0 TFSI 16V	08→											
Golf 2.0 TFSI 16V	08→											
Eos 2.0 TFSI 16V	07→											
Jetta 2.0 TFSI 16V	08→											
Passat 2.0 TSI 16V	09-10											
Passat 2.0 TFSI 16V Eng. CBFA	07-08											
1984ccm	147kw(200PS)											

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

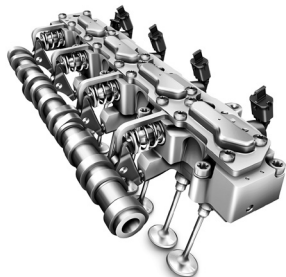
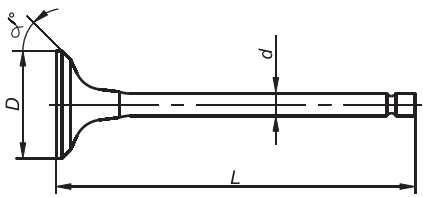
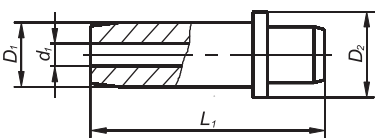
Golf V 2.0 FSi 16V	03-05	82,5	IN	V1605	06D 109 601K	33,8x6x104	45	3	VV181	058 103 415	6x11,07x36	B
Touran 2.0 FSi 16V	03-04	4			06E 109 601E				VV181.1		+0,05	F
Eng. AXW					06E 109 601F							
Golf V 2.0 FSi 16V	05-07											
Jetta 2.0 FSi 16V	05→		EX	V1606	06D 109 611K	28x6x101,9	45	3	VV181	058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

1	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE	
												2
VOLKSWAGEN												
Tuareg 3.2i V6 24V Phaeton 3.2i V6 24V Multivan 3.2i V6 24V Golf 3.2i V6 24V Eos 3.2i V6 24V Eng. AXZ, AZZ, BKJ, BMV Eng. BRJ, AYT, BKL, BRK Eng. BDL, BKK, BFH, BML Eng. BUD, CBR 3189ccm	02→ 02→ 02→ 02→ 02→	84 V6	IN 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 45 45 45	3 3 3 3	VV512 VV512N VV513 VV513N VV512 VV512N VV513 VV513N	 6x10,04x65 +0,05 6x10,04x44 +0,05 6x10,04x65 +0,05	B F 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 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
Passat 3.2 Fsi 24V Eng. AXZ 3168ccm	05→	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 45 45 45	3 3 3 3	VV512 VV512N VV513 VV513N VV512 VV512N VV513 VV513N	 6x10,04x65 +0,05 6x10,04x44 +0,05 6x10,04x65 +0,05	B F B F B F B F	
Transporter T2 1.7 412.7 Eng. CA/CB 1679ccm	71-73	90 4	IN EX	V1857 V1858	021 109 601 022 109 612D	39,3x8x117 33x9x117	60 45	3 3				
VW-Porsche 914 1.7 412 1.7 Eng. W 1679ccm	69-73											
Transporter T2 1.8 Eng. AP 1795ccm		93 4										

1	2	3	4	5	6	7	8	9	10	11	12
VOLKSWAGEN											
LT 28-35-46 2.3 16V 97→ Eng. AGL 2295ccm 105kw(143PS)	90,9 4	IN	V1229 00A 109 601A	35x7x101,5	45	1		VV268 611 053 0329	7x12,56x37,5	G	
								VV268N VV268.1 611 053 0429			+0,05 +0,20
		EX	V1230 00A 109 611	31x7x103,5	45	1		VV268 611 053 0329	7x12,56x37,5	G	
								VV268N VV268.1 611 053 0429			+0,05 +0,20
Transporter 1.9 83→ Transporter Syncro 1.9 85→ Eng. DF, EY 1913ccm 44kw(60PS)	94 4	IN	V1539 025 109 601B 025 109 601A	35,5x8x122,4	45	3		VV281 113 101 402A	8x14,3/12,07x64	B	
								VV281.1 113 101 403A VV281.2 113 101 405A VV281.3			+0,05 +0,15 +0,25
		EX	V1540 025 109 612B	30x9x122,7	45	3		VV282 021 101 417A	9x14,6/13,07x66,5	B	
								VV282.1 VV282.2 VV282.3			+0,05 +0,15 +0,25
Caravelle 1.9 85-90 Multivan 1.9 82-90 Transporter 1.9 82→ "Wasserboxer" Eng. DG/DH/GW 1913ccm 57kw(78PS)	94 4	IN	V1113 025 109 601	39,9x8x122,4	45	3		VV281 113 101 402A	8x14,3/12,07x64	B	
								VV281.1 113 101 403A VV281.2 113 101 405A VV281.3			+0,05 +0,15 +0,25
Transporter 2.1 85→ "Wasserboxer" Eng. SR, SS 2109ccm 64/68kw(88/92PS)								VV282 021 101 417A	9x14,6/13,07x66,5	B	
								VV282.1 VV282.2 VV282.3			+0,05 +0,15 +0,25
Transporter Syncro 2.1 85→ Eng. DJ, MV 2109ccm 70/82kw(95/112PS)											

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

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

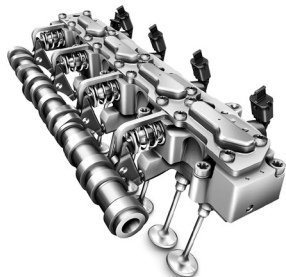
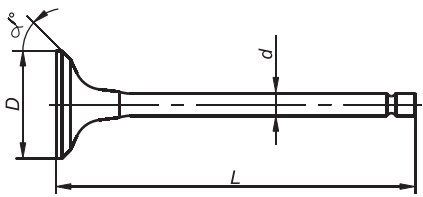
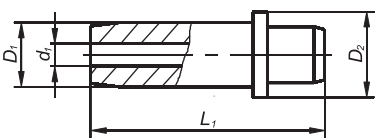
	CYL. Ø Nº	IN EX									
			AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

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						

1	2	3	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE	
														4
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	03G 109 601A	6x10,07x42	B	
										VV272N		+0,05	F	
		VV272.1	+0,15											
		VV215	6x11,5/10,07x41,5	B G										
		EX	V1492	03G 109 611B	25,5x6x88,2	45	3			VV272	03G 109 611B	6x10,07x42	B	
										VV272N		+0,05	F	
		VV272.1	+0,15											
		VV215	6x11,5/10,07x41,5	B G										
LT 28D/31D/35D/40D 45D/50D/55 D Turbo 86→ Eng. 1G 2383ccm 68kw(92PS)	76,5 6	IN	V756A	072 109 601	36x8x104,9	45	3			VV76	056 103 419A	8x13/12,06x36,5	B	
										VV76.1		+0,05	G	
										VV76.2		+0,15		
										VV76.3		+0,25		
										VV80		049 103 419	8x12,06x42,5	B
		EX	V542A	068 109 611D 072 109 611	31,2x8x104,6	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
VV80.1	+0,05	F												
VV80.2	+0,15													
VV80.3	+0,25													
LT 28D/31D/35D/40D 45D/50D/55D Turbo 82-86 Eng. DV 2383ccm 75kw(102PS)	82-86		V542N5							VV80	049 103 419	8x12,06x42,5	B	
										VV80.1		+0,05	F	
										VV80.2		+0,15		
										VV80.3		+0,25		
										VV80.3		+0,25		

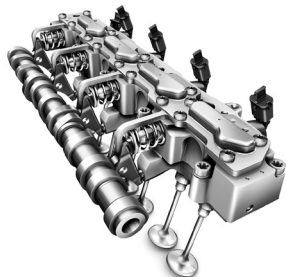
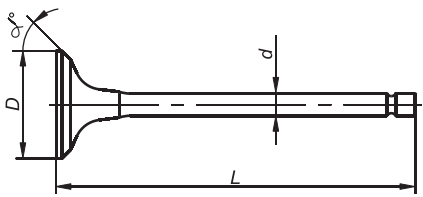
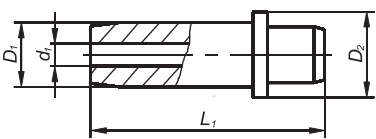
1	2	3	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
VOLKSWAGEN DIESEL													
LT 28/31/35/45/50/55 2.4D Eng. DW/1S Up to Eng. 1Y 580 000 LT 28/31/35/40/45/50 2.4D Eng. ACT 2383ccm 51/55kw(69/75PS)	89→	76,5	IN	V697	069 109 601F	36x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B	
	89→	6		V697N1 V697N3		+0,5S +0,8S			VV76.1 VV76.2 VV76.3		+0,05 +0,15 +0,25	G	
LT 28/31/35/40/45/50 2.4D Eng. ACT 2383ccm 51/55kw(69/75PS)	92-95		EX	V544	068 109 611L	31,2x8x95	45	3	VV76	056 103 419A	8x13/12,06x36,5	B	
				V544N V544N1 V544N3 V544N4 V544N5		+0,3S +0,5S +0,8S +1,5S +1,0S			VV76.1 VV76.2 VV76.3		+0,05 +0,15 +0,25	G	
LT 28/31/35/45/50/55 2.4TD Eng. DV/1G Turbo Diesel 2383 ccm 68/75kw(93/102PS)	89→	76,5	IN	V697A	069 109 601H 069 109 601G	36x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B	
		6		V697N1 V697N3		+0,5S +0,8S			VV76.1 VV76.2 VV76.3		+0,05 +0,15 +0,25	G	
LT 28/31/35/40 2.4TD Eng. ACL Turbo 2383ccm 70/75kw(90/102PS)	92-95		EX	V544A	068 109 611M 069 109 611	31,2x8x95	45	3	VV76	056 103 419A	8x13/12,06x36,5	B	
				V544N V544N1 V544N3 V544N4 V544N5		+0,3S +0,5S +0,8S +1,5S +1,0S			VV76.1 VV76.2 VV76.3		+0,05 +0,15 +0,25	G	
Passat 2.5 TDI V6 24V Eng. AKN Passat 2.5 TDI V6 24V Eng. AFB 2496 ccm 110kw(150PS)	98→	78,3	IN	V879*	059 109 601B 059 109 601C	27,1x6x100,5	45	3	VV272		6x10,07x42	B	
	99→	6		* Retainer	s.e. 2,5 mm				VV272N VV272.1		+0,05 +0,15	F	
			EX	V880*	059 109 611B 059 109 611C	24,1x6x100,5	45	3	VV272		6x11,5/10,07x41,5	B	
				* Retainer	s.e. 2,5 mm				VV272N VV272.1		+0,05 +0,15	F	
									VV215		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 xD ₂ /D ₁ xL 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
			EX	V1278*	059 109 611G/F				24,1x6x100,6			
					* Retainer s.e. 8,5 mm				VV272.1		+0,15	
									VV392		6x10,07x36	B
									VV392.1		+0,05	F
									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	09→	79,5 3	IN	V2029	03L 109 601A	26,6x6x99,3	45	3				
			EX	V2030	03L 109 611A	24,5x6x99,1	45	3				
Golf VI 1.6 TDI Jetta III 1.6 TDI Jetta IV 1.6 TDI Passat 1.6 TDI Polo 1.6 TDI Touran 1.6 TDI Eng. CAYC, CFWA Eng. CAYD, CAYE, CAYB 1598ccm	09→ 09→ 11→ 10→ 09→ 10→	79,5 4	IN	V2029	03L 109 601A	26,6x6x99,3	45	3				
			EX	V2030	03L 109 611A	24,5x6x99,1	45	3				

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

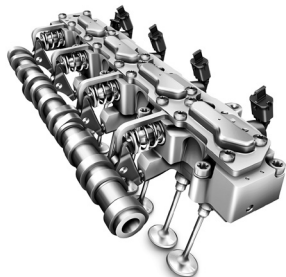
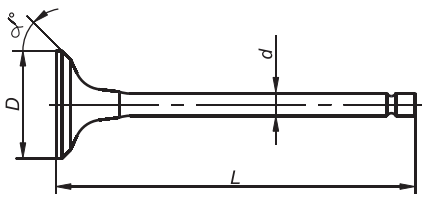
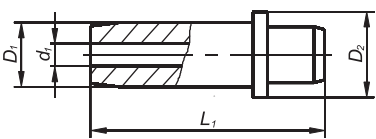
			CYL.	IN	AV REF.	ORIGINAL PART N ^o	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART N ^o	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
			Ø	EX									
1	2	3	4	5	6	7	8	9	10	11	12		

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 1895 ccm		45kw(61PS)							VV76.3		+0,25	
			EX	V698	074 109 611	31,2x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Caravelle 2.4D	90-98	79,5		V698N1		+0,5S			VV76.1		+0,05	G
Transporter Syncro T4 2.4D	91→	5		V698N3		+0,8S			VV76.2		+0,15	
Multivan 2.4D	95→								VV76.3		+0,25	
Eng. AAB, AJA 2370 ccm		57kw(82PS)										
			EX	V544	068 109 611L	31,2x8x95	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Camper T4 2.5 TD	95→	81		V544N		+0,3S			VV76.1		+0,05	G
Caravelle GL T4 2.5 TD	95→	5		V544N1		+0,5S			VV76.2		+0,15	
Kombi T4 2.5 TD	95→			V544N3		+0,8S			VV76.3		+0,25	
Multivan T4 2.5 TD	95→			V544N4		+1,5S						
2459 ccm		75kw(102PS)		V544N5		+1,0S						
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 1896 ccm		55kw(75PS)		V697N1		+0,5S			VV76.2		+0,15	
				V697N3		+0,8S			VV76.3		+0,25	
			EX	V698	074 109 611	31,2x8x95,1	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Camper T4 1.9 TD	95→			V698N1		+0,5S			VV76.1		+0,05	G
Caravelle GL T4 1.9 TD	95→			V698N3		+0,8S			VV76.2		+0,15	
Combi T4 1.9 TD	95→								VV76.3		+0,25	
Sharan 1.9 TD	94→											
Multivan T4 1.9 TD	95→											
Transporter T4 1.9 TD	92→		EX	V544	068 109 611L	31,2x8x95	45	3	VV76	056 103 419A	8x13/12,06x36,5	B
Eng. ABL Turbo Diesel 1895ccm		50kw(68PS)		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						

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. AUJ, 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									

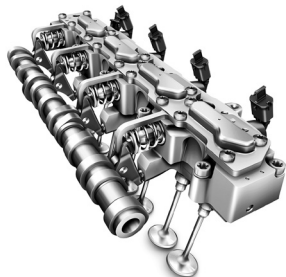
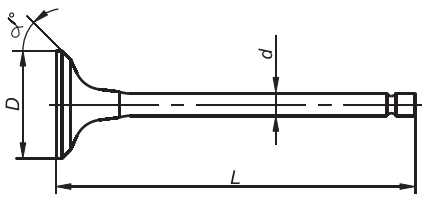
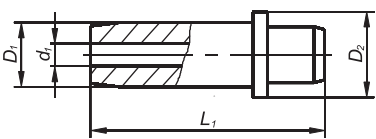
1	2	3	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE														
														4	5	6	7	8	9	10	11	12					
VOLKSWAGEN DIESEL																											
Taureg 2.5 TDi 03→ Eng. BAC 2461ccm 128kw(174PS)	81	IN	5	V919 V919N1 V919N3	038 109 601 B	36x7x90	45	3	VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5	B G															
Phaeton 5.0 TDi 20V Taureg 5.0 TDi 20V Eng. AJ5, AYH, BLE, BWF 4921ccm 230kw(313PS)	81 V10	EX		V920 V920N1 V920N3	038 109 611 B	31,5x7x90	45	3	VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5	B G															
		EX		V1832	038 109 611 F	31,5x7x89,5	45	3	VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5	B G															
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→	79,5	IN	4	V821 V821N1	028 109 601 H	36x8x96,8	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419 A	8x13/12,06x36,5	B G															
Sharan 1.9 TDI 95-96 Eng. 1Z 1896 ccm 66kw(90PS)		EX		V822 V822N1	046 109 611 F 046 109 611 C	31,5x8x96,9	45	3	VV76 VV76.1 VV76.2 VV76.3	056 103 419 A	8x13/12,06x36,5	B G															
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																								
LT 28, 35, 46 2.5TDi 01→ Eng. BBE, BBF 2461ccm 61/70kw(83/95PS)																											

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

VOLKSWAGEN DIESEL

Caddy 1.9 SDI	95→	79,5	IN	V831	028 109 601J	36x7x96,5	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B
Golf III, Variant, Vento 1.9 SDI	95→	4		V831N1		+0,5S			VV151N		+0,05	G
Polo 1.9 SDI	97→								VV151.1		+0,15	
Caddy 1.9 SDI	00→											
Eng. AYQ, AEY 0020001→			EX	V832	028 109 611K	31,5x7x96,3	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B
Eng. 1Y, ASY, AEF, AGD, ASX				V832N1		+0,5S			VV151N		+0,05	G
1896 ccm	47kw(64PS)								VV151.1		+0,15	
Caddy 1.7 SDI	96→											
Lupo 1.7SDI	98→											
Polo 1.7 SDI	97→											
Eng. AKW/AHB/AKU/AHG												
1716 ccm	42/44kw(57/60PS)											
Bora 1.9 SDI	98→											
Golf IV 1.9 SDI	98→											
Polo 1.9 SDi	98→											
Eng. AQM/AGP												
1896 ccm	50/81kw(68/110PS)											
Golf III Variant 1.9 TDI	96→	79,5	IN	V811	028 109 601D	36x7x96,9	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B
Vento 1.9 TDI	96→	4		V811N1		+0,5S			VV151N		+0,05	G
Eng. AAZ Turbo									VV151.1		+0,15	
1896 ccm	55kw(75PS)		EX	V812	028 109 611G	31,4x7x96,9	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B
Bora 1.9TDI	98-05			V812N1		+0,5S			VV151N		+0,05	G
Golf IV Variant 1.9 TDI Diesel	97→								VV151.1		+0,15	
Polo 1.9TDI	99→											
Eng. AGR/AHU Turbo												
1896 ccm	66/81kw(90/110PS)											

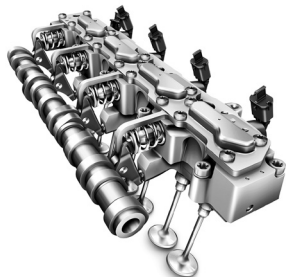
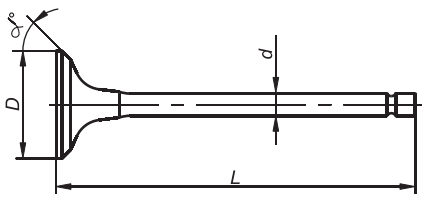
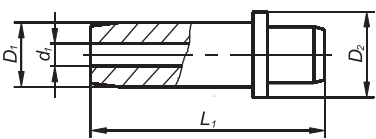
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VOLKSWAGEN DIESEL													
Caddy 1.9TDI	96-00	79,5	IN	V811	028 109 601D	36x7x96,9	45	3		VV151	037 103 419 B	7x13/12,07x36,5	B
Sharan, Golf 1.9 TDI Diesel	96→	4		V811N1		+0,5S				VV151N		+0,05	G
Beetle 1.9TDI	98→									VV151.1		+0,15	
Passat 1.9 TDI	96→												
Vento 1.9 TDI	96→		EX	V812	028 109 611G	31,4x7x96,9	45	3		VV151	037 103 419 B	7x13/12,07x36,5	B
Eng. AHU Turbo				V812N1		+0,5S				VV151N		+0,05	G
Polo Classic/Variant 1.9 TDI	97→									VV151.1		+0,15	
Eng. AHU/ALE													
Caddy 1.9 TDI	97-00												
Golf IV 1.9 TDI	97→												
Eng. ALE Turbo													
New Beetle 1.9 TDI	98→												
Bora 1.9 TDI	98→												
Polo 1.9 TDI	99→												
Golf IV 1.9 TDI	97→												
Jetta 1.9 TDI	00→												
Eng. ALH Turbo													
1896 ccm		66kw(90PS)											
Polo 1.9 TDI	98→												
Golf IV 1.9 TDI	96-98												
Vento 1.9 TDI	97→												
Golf Cabriolet 1.9 TDI	97→												
Passat 1.9 TDI	96→												
Sharan 1.9 TDI	96→												
Eng. AFN AVG Turbo													
Bora 1.9 TDI	98→												
Golf 1.9 TDI	97→												
Eng. AHF Turbo													
1896 ccm		81kw(110PS)											
Lupo 1.4TDI	99-05	79,5	IN	V1663	038 109 601E	36x7x89,5	45	3		VV151	037 103 419 B	7x13/12,07x36,5	B
Polo 1.4TDI	99-05	3		V1663N1		+0,5S				VV151N		+0,05	G
Eng. AMF, BNM, BNV										VV151.1		+0,15	
1422ccm		51/55kw(69/75PS)											
			EX	V1664	038 109 611E	31,5x7x89	45	3		VV151	037 103 419 B	7x13/12,07x36,5	B
				V1664N1		+0,5S				VV151N		+0,05	G
										VV151.1		+0,15	

			CYL.	IN	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
			Ø	EX									
1	2	3	4	5	6	7	8	9	10	11	12		

VOLKSWAGEN DIESEL

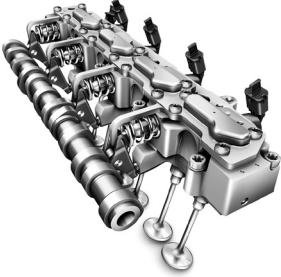
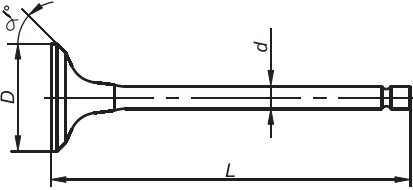
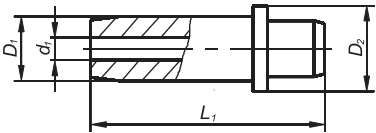
Cady 1.9TDI	04→	79,5	IN	V1663	038 109 601E	36x7x89,5	45	3	VV151	037 103 419 B	7x13/12,07x36,5	B
Bora 1.9TDI	04-08	4		V1663N1		+0,5S			VV151N		+0,05	G
Golf IV 1.9TDI	01-06								VV151.1		+0,15	
Golf V 1.9TDI	04→											
Jetta 1.9TDI	05→		EX	V1664	038 109 611E	31,5x7x89	45	3	VV151	037 103 419 B	7x13/12,07x36,5	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												

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
VOLKSWAGEN DIESEL													
Golf III/ Variant, Vento 1.9D Eng. 1Y	96→	79,5 4	IN	V805	028 109 601B 028 109 601C	36x7x95,5	45	3		VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5 +0,05 +0,15	B G
Vento , Caddy, Polo 1.9D Golf III, Passat1.9D Eng. 1Y No.580 001→	98→ 98→		EX	V806 V806N1	028 109 611E	31,1x7x95,6 +0,5S	45	3		VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5 +0,05 +0,15	B G
Caddy Pick-up 1.9D Polo 1.9D Eng. AEF 1896 ccm	96→ 96→	47kw(64PS)											
Golf III 1.9 TDI Variant Vento 1.9 TDI Eng. AAZ/ABL 1896 ccm	95→	50/66kw(68/90PS)											
Golf 2.0TDi PD 16V Touran 2.0TDi PD 16V Jetta 2.0TDi PD 16V Passat 2.0TDi PD 16V Eng. AZV, BKD, BMN, BMR, BKP, BVE 1968 ccm	04→ 04→ 05→ 05→	81 4	IN	V1607	03G 109 601B	29,2x6x87,8	45	3		VV272 VV272N VV272.1 VV215		6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G
			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
New Beetle 2.0D Eng. BEW 1996 ccm	05→	81 4	IN	V1691	038 109 601F	36x7x88,8	40	3		VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5 +0,05 +0,15	B G
			EX	V1692	038 109 611G	31,5x7x88,4	40	3		VV151 VV151N VV151.1	037 103 419 B	7x13/12,07x36,5 +0,05 +0,15	B G

			CYL.	IN	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
			Ø	EX									
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 Scirocco 2.0TDi 16V Tiguan 2.0TDi 16V Eng. CBBB, CBAA, CBAB 1968 ccm	08→ 05→ 08→ 08→ 07→	81 4	IN EX	V1693 V1694	03L 109 601 03L 109 611	28,1x6x99,3 26x6x99,1	45 3 45 3	3 3	VV272 VV272N VV272.1 VV215 VV272 VV272N VV272.1 VV216	 6x11,5/10,07x41,5 6x10,07x42 +0,05 +0,15 6x11,5/10,07x41,5	B F B G 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 07→ Eng. CASA/CASB 2967ccm 176/155kw(240/211PS) Toureg 3.0 TDi 24V 08→ Eng. CARA/CASE 2967ccm 171/176kw(233/240PS) Toureg 3.0 TDi 24V 09→ Eng. CATA 2967ccm 165kw(224PS) Toureg 3.0 TDi 24V 10→ 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	3 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	75→ 48kw(65PS)	92 4	IN EX	V877 V878	061 109 601 061 109 611	40,5x8x114,6 35,5x8x114,5	45 1 60 1				
Taro Pick up 4x4 2.4D Eng. 2L Toyota 2446ccm	89→ 58kw(79PS)	92 4	IN EX IN EX	V1387 V1484 V1583 V1584	J13711-54020 J13715-54040 13711-54010 13715-54020	42,5x8x103,5 36x8x103,3 42,6x8,5x123 35x8,5x122,8	45 1 45 1 45 3 45 3	VV320 VV320N VV320 VV320N	11122-67020 11122-67020	8x13,05x42 +0,05 8x13,05x42 +0,05	G P G P
LT 28, LT 35, LT 46 2.8TDi 8V Eng. AGK, ATA 2798ccm	97-02 92/96kw(125/130PS)	93 4	IN EX	V1193 V1194	062 109 601 062 109 611A	33x7x105 40x7x105	60 3 45 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
LT 28-35 2.5TDi/SDi LT 28-46 2.5TDi/SDi Eng. AHD, AGH 2461ccm	96→ 96→ 55/75kw(75/102PS)	5	IN EX	V1229 V1230	00A 109 601A 00A 109 611	35x7x101,5 31x7x103,5	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
LT 28-46 2.5TDi Eng. APA, ANJ, AVR, BBF, BBF 2461ccm	99→ 61/66/70/80kw										
LT 28-46 2.8TDi Eng. AGK, ATA, AUH, BCQ 2461ccm	97→ 61/70/92/116kw										

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	33,4x7x89,8	45	1	VV122 VV122.1 VV122.2 VV122.3	3102891-3	7x11,14x41,5 +0,05 +0,10 +0,20	G A
66 DL/GL - Sedan/Kombi 1.3 Eng. B13E 1289ccm 42kw(57PS)	75-81	73 4	EX	V582 3267437-6	28,9x7x88,8	45	2	VV122 VV122.1 VV122.2 VV122.3	3102891-3	7x11,14x41,5 +0,05 +0,10 +0,20	G A
340 L/DL/GL 1.4 Eng. B14E 1397ccm 46/51kw(62/69PS)	79-85	76 4									
343 DL/L 1.4 345 DL/L 1.4 Eng. B14 1397 ccm 47kw(64PS)	82-85 82-85	76 4	IN	V858 3277693-2	34x7x91,2	60	1	VV122 VV122.1 VV122.2 VV122.3	3102891-3	7x11,14x41,5 +0,05 +0,10 +0,20	G A
			EX	V582 3267437-6 3277695-7	28,9x7x88,8	45	2	VV122 VV122.1 VV122.2 VV122.3	3102891-3	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
S40 1.6i 16V V40 1.6i 16V Eng. B 4164 S2 1587ccm 80kw(109PS)	00-03		EX	V1026 30711638	24,1x6x101,5	45	3	VV383 VV383N	11122 - 10040	6x11,05x40,5 +0,05	G P
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→										

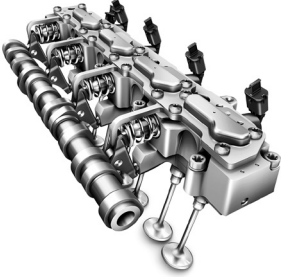
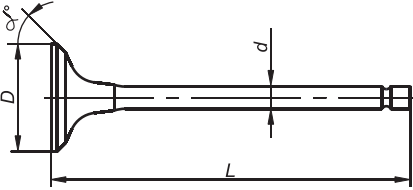
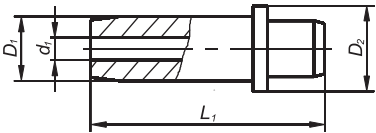
1	2	3	4	5	6	7	8	9	10	11	12	
												AV REF.
VOLVO												
S60 1.6 T4 16V S80 1.6 T4 16V V40 1.6 T4 16V V60 1.6 T4 16V V70 1.6 T4 16V Eng. B4164T/T1/T2/T3/T4 1595ccm NEW	10→ 11→ 12→	4	IN EX	V2273 V2274	31370617 31330401 31375559	30x5x98,8 24,9x5x99,7	45 60	3 3				
340 1.7 360 GL 1.7 Eng. B172K, F3N 1709/1721ccm 59/75kw(80/102PS)	85→ 85→	81 4	IN EX	V765 V766	3342278-3 3343738-5 3342399-7	38,2x8x111,5 32,5x8x111,3	60 45	1 1	VV284 VV284N VV284 VV284N	3343624 3343624	8x13,07x37,7 +0,05 8x13,07x37,7 +0,05	B F B F
440 GL/GLE/GLT 1.7 480 ES 1.7 440 GL 1.7 460 GLE 1.7 Eng. B18 E/F 1721 ccm 70/75kw(95/102PS)	88→ 86→ 90→ 90→											
S40, V40 1.6i 16V Eng. B4164 S/S2 1587ccm	95-04	81 4	IN	V763 V2151	1397641-0 1270455	31x7x104,1 32x7x104,3	45 45	3 3	VV324 VV324N VV324 VV324N	1270391 1270391	7x11,99x45 +0,05 7x11,99x45 +0,05	G F G F
850 2.0i 20V V70 2.0i 20V Eng. B5204 F/S 1984ccm 103kw(140PS)	91-96 97→	81 5	IN EX	V764	1366882-7 1366490	27x7x103,3	45	3	VV324 VV324N	1270391	7x11,99x45 +0,05	G F
850 2.0i 20V Turbo C60 2.0i 20V Turbo C70, S70, V70 2.0i 20V Turbo S80 2.0i 20V Turbo Eng. B5204 T2/T3/T4/T5 1984ccm 107kw(143PS)	93-96 01→ 97→ 98→											
C70, S70, V70 2.3i 20V Turbo S60 2.3i 20V Turbo Eng. B5234 T/T3/T4/T6/T8 2319ccm 166/177kw(225/240PS)	97→ 00→											

1	2	3	4	5	6	7	8	9	10	11	12		
												AV REF.	ORIGINAL PART N ^o
VOLVO													
960 2.5i 24V	94→	81	IN	V763	1397641-0	31x7x104,1	45	3	VV324	1270391	7x11,99x45	G	
S90, V90 2.5i 24V	97→	V6							VV324N		+0,05	F	
Eng. B6254 S													
2473ccm	125kw(170PS)		IN	V2151	1270455	32x7x104,3	45	3	VV324	1270391	7x11,99x45	G	
									VV324N		+0,05	F	
S40, V40 1.8i 16V	95→	83											
Eng. B4184 S/S2													
1783ccm			4	EX	V764	1366882-7	27x7x103,3	45	3	VV324	1270391	7x11,99x45	G
						1366490			VV324N		+0,05	F	
850 GLT 2.4i 20V	91-96	83											
C70, S70, V70 2.4i 20V	97→	5											
S80 2.4i 20V	99→												
Eng. B5254 S													
2435ccm	125kw(170PS)												
850 2.4i 20V Turbo	96→												
C70, S70, V70 2.4i 20V Turbo	97→												
XC70 2.4i 20V Turbo	97→												
Eng. B5254 T													
2435ccm													
V50 2.5i 20V Turbo	04→												
Eng. B5254 T3													
2521ccm													
960 3.0i 24V	96→	83											
S80 3.0i 24V	98→	V6											
S90/V90 3.0i 24V	97→												
Eng. B6304 S/S2													
2922ccm	150kw(204PS)												
S60, S80, V70 2.0i 20V Turbo	01→	81	IN	V1257	9454607	31x6x104,3	45	3	VV467		6x12,00x45	G	
Eng. B5204 T5		5										F	
1984ccm	132kw(180PS)												
			IN	V1633	9454608	32x6x104,3	45	3	VV467		6x12,00x45	G	
850 2.3i 20V Turbo	93-97											F	
S60 2.3i 20V Turbo	00→												
S70/V70 2.3i 20V Turbo	97→		EX	V1258	9454610	27x6x103,3	45	3	VV467		6x12,00x45	G	
Eng. B5234 T3												F	
2319ccm	177kw(240PS)												

1	2	3	4	5	6	7	8	9	10	11	12
VOLVO											
S60,S80, V70 2.4i 20V Turbo 00→ XC70/XC90 2.4i 20V Turbo 03→ Eng. B5244 T 2435ccm 184kw(250PS)	83	IN	V1257	9454607	31x6x104,3	45	3	VV467		6x12,00x45	G
		EX	V1633	9454608	32x6x104,3	45	3				VV467
V50 2.5i 20V Turbo 04→ XC90 2.5i 20V Turbo 01→ Eng. B5254 T3 2521ccm 125kw(170PS)	83	IN	V1257	9454607	31x6x104,3	45	3	VV467		6x12,00x45	G
		EX	V1258	9454610	27x6x103,3	45	3				VV467
S80 2.8i 24V Turbo 98→ Eng. B6284 T6 2783ccm 200kw(272PS)	6	IN	V1257	9454607	31x6x104,3	45	3	VV467		6x12,00x45	G
		IN	V1633	9454608	32x6x104,3	45	3				VV467
S80 2.9i 24V Turbo 02-05 XC90 2.9i 24V Turbo 03-05 Eng. B6294 T6 2922ccm 150kw(204PS)	83	IN	V1257	9454607	31x6x104,3	45	3	VV467		6x12,00x45	G
		EX	V1258	9454610	27x6x103,3	45	3				VV467
440, 460 1.8i 91→ Eng. B18U 1794ccm 66kw(90PS)	82,7	IN	V1155	3344841-6	40,1x8x107,1	45	1	VV284 VV284N	3343624	8x13,07x37,7 +0,05	B
		EX	V1156	3344842-4	32,6x8x106,9	45	1				VV284 VV284N
440, 460, 480 2.0i 93→ Eng. B20FE SOHC 1998 ccm 81kw(110PS)	4	IN	V1155	3344841-6	40,1x8x107,1	45	1	VV284 VV284N	3343624	8x13,07x37,7 +0,05	B
		EX	V1156	3344842-4	32,6x8x106,9	45	1				VV284 VV284N
C30 1.8i 16V 04→ S40 1.8i 16V 04→ V50 1.8i 16V Eng. B4184S11 Ford 1798ccm 92kw(125PS)	83	IN	V1363	8694781	32,5x5,5x103,4	45	1	VV396	LFY1-10-281	5,5x11,06x39	G
		EX	V1364	8694780	28x5,5x104,6	45	1				VV396
C30 2.0 16V 06→ S40 2.0 16V 04→ V50 2.0 16V Eng. B4204S 1999ccm 92/100/103/107kw	4	IN	V1495	30777329	35x5,5x103,4	45	1	VV396	LFY1-10-281	5,5x11,06x39	G
		EX	V1496	30777328	30x5,5x104,6	45	1				VV396

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
VOLVO													
S60 2.0T 16V S80 2.0T 16V V60 2.0T 16V V70 2.0T 16V XC60 2.0T 16V Eng. B4204T6/T7 1948ccm NEW	11→ 12→	4	IN EX	V2361 V1363 V1364	31316318 31316317 9487443	30x8x103,8 32,5x5,5x103,4 28x5,5x104,6	45	8 1 1					
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					
260 2.8i Eng. B28 A/F 2849ccm 97kw(132PS)	79-86	91 6	EX	V1920	2458024 245802 245802-4	37x8x111,3	45	1					
740 GLT 2.0 16V 940 2.0 16V 960 2.0 16V Eng. B204E 1986 ccm 100kw(136PS)	88→ 90→ 90→	89 4	IN EX	V1119 V1120	1378473-1 1378474-9 3514491-4	32,5x7x122,5 29,5x7x122,3	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	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	3 3					

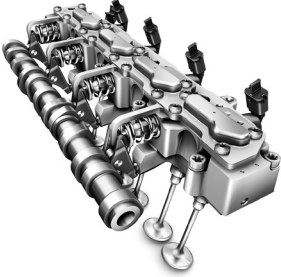
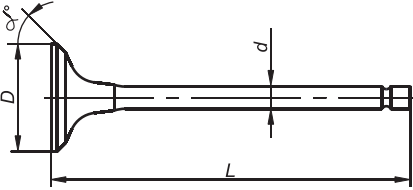
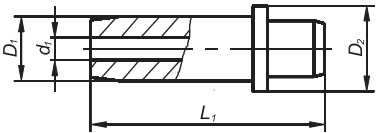
1	2	3	CYL. Ø No	IN EX	AV REF.	ORIGINAL PART No	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART No	DIMENSIONS d ₁ x d ₂ /D ₁ x L ₁	MAT. SHAPE
VOLVO DIESEL													
V50 1.6 TDi 16V S40 1.6 TDi 16V Eng. DV6 TED4, D4164T 1560ccm 80kw(109PS)	04→	75	IN	EX	V1493	30711498	25,6x5,5x96,4	45	3	VV399		5,5x9,56x34	G
	04→	4			V1494	30711497	23,4x5,5x96,6	45	3	VV399	VV399N	5,5x9,56x34 +0,05	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	11→	75	IN	EX	V2049	31330181	30,15x5,5x95,6	45	3	VV399		5,5x9,56x34	G
	10→	4			V2050	31330182	27,5x5,5x95,5	45	3	VV399	VV399N	5,5x9,56x34 +0,05	A
240, 244, 245 GLD Prima 2.4 D 740, 940, GLD 2.4D Eng. D24 2383 ccm 55/61kw(75/82PS)	79→81	76,5	IN	EX	V800	1257053	36x8x104,8	45	1	VV76	1257613	8x13/12,06x36,5	B
	82→	6			V714	1257054	31x8x104,6	45	1	VV76	1257613	8x13/12,06x36,5	B
760 2.4 TD Eng. D24T Turbo 2383ccm 80/95kw(109/129PS)	83→85	76,5	IN	EX	V541A	068 109 601D	34x8x104,8	45	3	VV76	1257613	8x13/12,06x36,5	B
	82→85	4			V541N		+0,3S			VV76.1		+0,05	G
740 GLE 2.4 TD 760 GLE 2.4 TD Eng. DV Turbo 2383ccm 75/80kw(102/109PS)	82→85	76,5	IN	EX	V541N1		+0,5S			VV76.2		+0,15	
	82→85				V541N3		+0,8S			VV76.3		+0,25	
740 GLE 2.4 TD 760 GLE 2.4 TD Eng. DV Turbo 2383ccm 75/80kw(102/109PS)	82→85	76,5	IN	EX	V541N4		+1,5S			VV76	1257613	8x13/12,06x36,5	B
	82→85				V541N5		+1,0S			VV76.1		+0,05	G
740 GLE 2.4 TD 760 GLE 2.4 TD Eng. DV Turbo 2383ccm 75/80kw(102/109PS)	82→85	76,5	IN	EX	V542A	068 109 611D	31,2x8x104,6	45	3	VV76	1257613	8x13/12,06x36,5	B
	82→85				V542N	1389262-5	+0,3S			VV76.1		+0,05	G
740 GLE 2.4 TD 760 GLE 2.4 TD Eng. DV Turbo 2383ccm 75/80kw(102/109PS)	82→85	76,5	IN	EX	V542N1		+0,5S			VV76.2		+0,15	
	82→85				V542N3		+0,8S			VV76.3		+0,25	
740 GLE 2.4 TD 760 GLE 2.4 TD Eng. DV Turbo 2383ccm 75/80kw(102/109PS)	82→85	76,5	IN	EX	V542N4		+1,5S						
	82→85				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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

VOLVO DIESEL

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

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

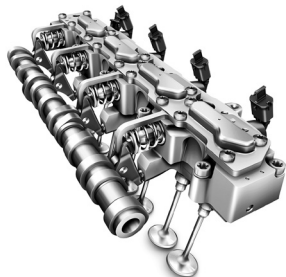
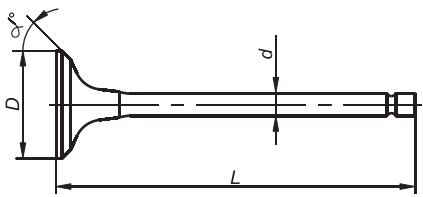
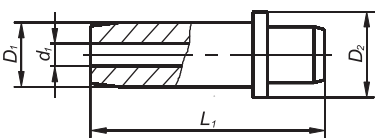
			CYL.	IN	AV REF.	ORIGINAL PART No	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART No	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
			Ø	EX									
1	2	3	4	5	6	7	8	9	10	11	12		

VOLVO DIESEL

460 1.9TDi Eng. F8Q.610/768 S40 1.9TDi V40 1.9TDi Eng. D4192 T2 1870ccm 66/68kw(90/92PS)	95→ 95-99 95-99	80 4	IN EX	V1057 V1058	3345515 30852144 3345516	35x8x110,5 31,5x8x110,5	45 45	1 1	VV146 VV146.1 VV146.2 VV146 VV146.1 VV146.2	 8x13,06x39 +0,05 +0,20 8x13,06x39 +0,05 +0,20	B F B F	
S60 2.4 D/D5 20V S80 2.4 D/D5 20V C30 2.4 D5 20V C70 2.4 D5 20V V50 2.4 D5 20V V70 SW/AW 2.4 D5 20V XC70 AWD 2.4 D5 20V XC90 AWD 2.4 D5 20V Eng. D5244 T/T2/T4/T5/T8 Turbo 2401 ccm 93/96/120/132/136kw	00→ 98→ 06→ 06→ 00→ 00→ 02→	81 5	IN EX	V1617 V1618	8631650 8631651	28,8x6x98,1 26,2x6x97,8	45 45	3 3	VV467 VV467	 6x12,00x45 6x12,00x45	G F 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 EX	V821 V821N1 V822 V822N1	046 109 601 H 1669766 +0,5S 046 109 611 F 1669772 +0,5S	36x8x96,8 +0,5S 31,5x8x96,9 +0,5S	45 45	3 3	VV76 VV76.1 VV76.2 VV76.3 VV76 VV76.1 VV76.2 VV76.3	056 103 419A 056 103 419A	8x13/12,06x36,5 +0,05 +0,15 +0,25 8x13/12,06x36,5 +0,05 +0,15 +0,25	B G B G
C70 2.0TD S40 2.0TD V50 2.0TD V70 2.0 Combi Eng. D4204T 1997ccm 94/103kw(128/140PS)	08→ 04→ 04→ 07→	85 4	IN EX	V1179 V1180	8653745 8653744	29,8x6x105 25x6x105	45 45	3 3	VV378 VV378.1 VV378 VV378.1	0220.A2 0220.A2	6x10,06x41,5 +0,05 6x10,06x41,5 +0,05	G A G A

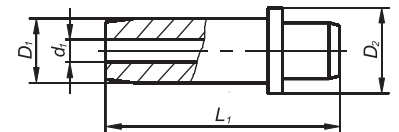
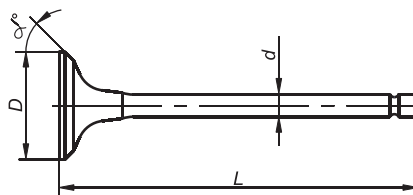
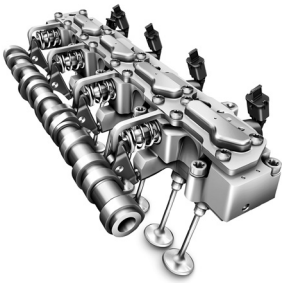
VOLVO INDUSTRIAL AND COMMERCIAL

FL 4 FL 408 ENG. TD 41 G 3590 ccm 82-91kw(111-124PS)	86-89	92 6	IN EX	V2167 V2168	838637 838638	39x8x126,5 37x8x126,5	60 45	1 1				
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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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
1	2	3	4	5	6	7	8	9	10	11	12

VOLVO INDUSTRIAL AND COMMERCIAL

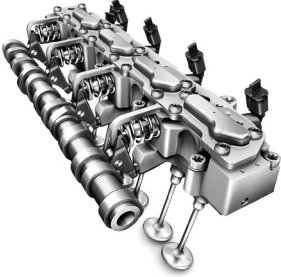
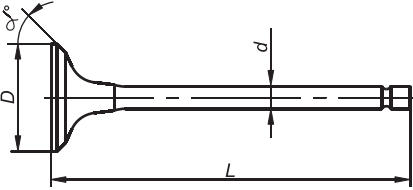
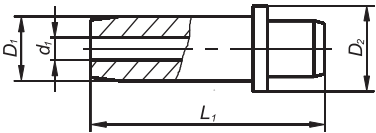
ENG. D60 BIF 609 F611 5480 ccm	75→ 85/88kw(115/120PS)	98,42 6	IN EX	V767 V768	420553-0 3825723 465549-4 8192143	41x8x145,3 37x8x145,3	60 45	11 11	VV124 VV124	465157-6 465157-6	8x16,02x64,5 8x16,02x64,5	G F G F
ENG. TD 60 Turbo F613 5480 ccm	75-78 125/132kw(170/180PS)		IN	V1259	465281	41x8x145,3	60	1	VV124	465157-6	8x16,02x64,5	G F
ENG. TD 61 Turbo FL614 5480 ccm	85→ 148kw(200PS)		EX	V1260	465282	37x8x145,3	45	1	VV124	465157-6	8x16,02x64,5	G F
ENG. TD 61 F/G Turbo FL 608/613/614/617 5480 ccm	85→ 112/152kw(152/207PS)											
ENG. D6A/TD63E/ES Turbo FL 610/611/613/614 6370 ccm	91→ 106/111kw(144/150PS)	98,42 6	IN EX	V767 V768	420553-0 3825723 465549-4 8192143	41x8x145,3 37x8x145,3	60 45	11 11	VV124 VV124	465157-6 465157-6	8x16,02x64,5 8x16,02x64,5	G F G F
ENG. D6B 180/220/250 FL 180-FL6E/H 5480 ccm	00→		IN EX	V1259 V1260	465281 465282	41x8x145,3 37x8x145,3	60 45	1 1	VV124 VV124	465157-6 465157-6	8x16,02x64,5 8x16,02x64,5	G F G F



1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE

VOLVO INDUSTRIAL AND COMMERCIAL

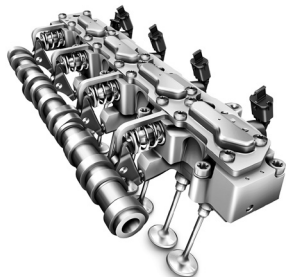
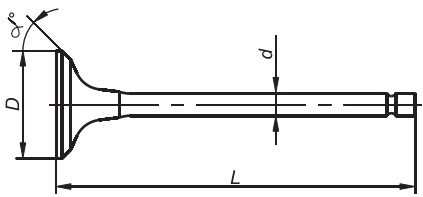
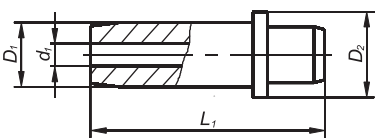
F82/F83 Eng. D39 3864 ccm	75-86	98,48	IN	4	V199		44,3x9,5x122,9	45	1	VV01		9,5x15,9x58	G
					V199N		+0,3S			VV01N		+0,05	F
					V199N1		+0,5S			VV01N2		+0,40	
					V199N2		+0,8S						
					V199N3		+1,2S						
					V199N5		+0,5S/+0,2d						
					V199N6		+0,5d						
					V199N7		+0,2d						
					V199N9		+1,2S/+0,5d						
					F406/F407 Eng. 4.236 3864 ccm	75-86		IN		V343		44,3x9,5x122,9	45
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
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
			EX	V1088	421680 471195-8	37x11x148,6 +1,0S	45	1	VV229	466386-0	11x18x66 +0,05	G F
ENG TD FS Turbo F7 ENG TD 71 F/FD/FQ/FS ENG TD 71 Turbo FL 7 6730 ccm 165/180kw(180/245PS)	79-85 85→	104,8 6	IN	V1088N3								
			EX	V1088N3								
ENG D7A, D7B Turbo FL 7 - 38.52 6700 ccm 169/191/210kw	93→	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/ES 6725ccm Euro 1 6725ccm 160/191kw(218/260PS)	85-98	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
Eng. D7 Euro 2 A230/A260/A285/B230/B260 6730ccm 169/210kw(230/285PS)	93→	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
Eng. D7 Euro 2 C215/C250/C290/C310 7280ccm 158/228kw(215/310PS)	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

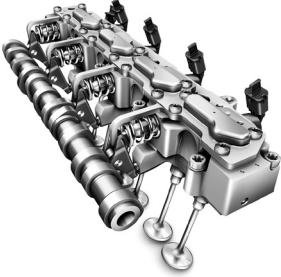
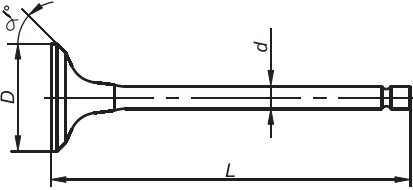
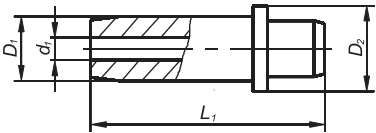
1	2	3	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
VOLVO INDUSTRIAL AND COMMERCIAL													
Bus 5000 Bus 7000 Eng. D7 C 215/250/290 Euro 2	99→ 98→	107 6		IN	V1827	3978768	43x8x149,6	60	1	VV124	477877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

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

VOLVO INDUSTRIAL AND COMMERCIAL

Bus 7700 Eng. D9 B 260, D9 B 310 D9 B 360 Euro 4/5 FM300, FM340, FM380 05→ FM360 Eng. D9 B 300, D9 B 340 D9 B 360, D9 B 380 Euro 4/5 9364ccm 191-280kw(260-380PS)	120 6	IN	V1993 20528113 20551761	38x8x192	60	3						
		EX	V1974 20564039	36x8x192,7	60	3						
ENG. THD 100D- Turbo 84→ B/N 10 9599 ccm 185/203kw(252/276PS)	120,6 6	IN	V459 469240-6 467861	49x11x167,2	60	1	VV13 422320	11x18,00x82	G A			
		EX	V460 467855-3	46x11x167,2	45	1	VV14 421297	11x18,00x66	G A			
ENG. TD 100A/B - Turbo 65→ F/N 100 9599 ccm 169/220kw(230/300PS)	120,6 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			
ENG. TD 100F/G- Turbo 81→ B 10M/R F/N 10 9599 ccm 160/220kw(217/300PS)		EX	V460 467855-3	46x11x167,2	45	1	VV14 421297	11x18x66	G A			
ENG. THD 100 E - Turbo 84→ B/N 10 9599 ccm 160/203kw(217/276PS)		EX	V1382 8194224	46x11x167,2	45	1	VV14 421297	11x18x66	G A			
ENG. TD 101 F/G/GA 81→ ENG. TD 101 Turbo F10												
ENG. TD 101 FA/FC/FD 83→ ENG. TD 101 Turbo FL10 9599 ccm 200/220kw(272/300PS)												
ENG. THD 101 K - Turbo 84→ B/N 10 9599 ccm 160/228kw(217/310PS)												

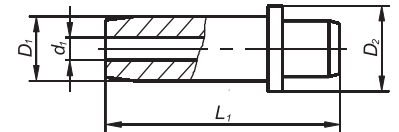
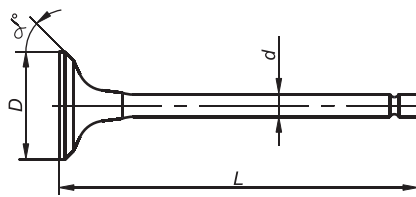
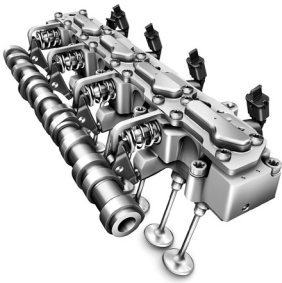
1	2	3	4	5	6	7	8	9	10	11	12
VOLVO INDUSTRIAL AND COMMERCIAL											
ENG. THD 102 KF- Turbo 91→ B10 R/M 9599 ccm 180/210kw(245/280PS)	120,6	IN	V463	467502-1 1545290	50x11x167,2	60	1	VV13	422320	11x18x82	G A
			V1381	8194223	50x11x167,2	60	1	VV13	422320	11x18x82	G A
			V460	467855-3	46x11x167,2	45	1	VV14	421297	11x18x66	G A
			V1382	8194224	46x11x167,2	45	1	VV14	421297	11x18x66	G A
ENG. TD 103 E/ES - Turbo 91→ F10/FL, F10/FS 9600/12000ccm 235/262kw(320/356PS)	123	IN	V1879	20540012 20540013 20540017	40x8x192	60	3	VV487 VV487N	3183283	8x15x83,4 +0,05	G F
			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)	130,2	IN	V555	468302-5	54x11x167,2	60	1	VV13	422320	11x18x82	G A
			V556	468303-3	50x11x167,2	45	1	VV14	421297	11x18x66	G A
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)											
ENG. D12C, D12D 12V FM12, FH12, NF12 Bus. B12B, B12M	131	IN	V1684	20459326	40x8x192	60	1	VV298 VV298N	1546437	8x15x83,4 +0,05	G F
			V1304	20441945	40x8x191,7	45	1	VV298 VV298N	1546437	8x15x83,4 +0,05	G F
ENG. D12A 24V Turbo 93→ FH12-340-380-420-460 12130ccm 250/270/309kw(340/380/420PS)											

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

1	2	3	4	5	6	7	8	9	10	11	12
VOLVO-BM											
ZL 402 97→ Eng. F 3L 1011 F Euro 1 2049ccm 28/33kw(38/45PS)	91	IN	3	V1261 V1261N	40,1x8x124,7 +0,2d	45	3	VV506		8x15/12,03x48	G
ZL 502 97→ Eng. F 4L 1011 F Euro 1 2732ccm 40/46kw(55/63PS)	91	IN	4	V1375 V1375N	40,5x8x124,9 +0,2d	60	3	VV506		8x15/12,03x48	G
L 30 98→ Eng. BF 4L 1011 FT 2732ccm 46/53kw(63/72PS)	98,43	IN	6	V767	41x8x145,3	60	11	VV124		8x16,02x64,5	G
L32/L35 98→ Eng. BF 4L 1011 Euro 1 2732ccm 46/53kw(63/72PS)	98,43	IN	6	V767	41x8x145,3	60	11	VV124		8x16,02x64,5	G
LM 841/846 76-79 Eng. D 60A 5480ccm 84/92kw(115/125PS)	98,43	IN	6	V767	41x8x145,3	60	11	VV124		8x16,02x64,5	G
DR 826 DR 860 →70 T 680 T 810 76-79 T 814 76-79 Eng. TD 60 A 5480ccm 108/132kw(147/180PS)	98,43	IN	6	V767	41x8x145,3	60	11	VV124		8x16,02x64,5	G
DR 861 79-86 T 861 79-86 4400 74-78 2650/2654 79-82 Eng. TD 60 B 5480ccm 113/132kw(155/180PS)	98,43	IN	6	V767	41x8x145,3	60	11	VV124		8x16,02x64,5	G
LM 4400 86→ Eng. TD 61 A 5480ccm 103/150kw(140/204PS)	98,43	IN	6	V767	41x8x145,3	60	11	VV124		8x16,02x64,5	G
L 90 91-95 Eng. TD 61 G/G8 5480ccm 108/126kw(147/171PS)	98,43	IN	6	V767	41x8x145,3	60	11	VV124		8x16,02x64,5	G



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 xD ₂ /D ₁ xL ₁	MAT. SHAPE

VOLVO-BM

L 30 Eng. 4.236 3864ccm 87-95 48/60kw(59/80PS)	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	
		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										

1	2	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 xD ₂ /D ₁ xL ₁	MAT. SHAPE
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	96→	102	4	IN	V527		45x8x129,1	60	18				
				EX	V528		42x8x129,1	45	1				
EN 170/EW 180 Eng. 6B 5.9 C Euro 2 5883ccm 86/132kw(115/177PS)	96→	101,78	6	IN	V1087 V1087N3		43x11x148,5 +1,0S	60	1	VV229 VV229N		11x18x66 +0,05	G F
				EX	V1088 V1088N3		37x11x148,5 +1,0S	45	1	VV229 VV229N		11x18x66 +0,05	G F
Eng. TD 70 B 6730ccm 110kw(150PS)	72-79	101,78	6	IN	V1087 V1087N3		43x11x148,5 +1,0S	60	1	VV229 VV229N		11x18x66 +0,05	G F
Eng. TD 70 A 6730ccm 128/136kw(175/185PS)	65-70												
Eng. TD E Eng. TD ES 6730ccm 155/166kw(210/225PS)	74-78 74→	101,78	6	IN	V1087 V1087N3		43x11x148,5 +1,0S	60	1	VV229 VV229N		11x18x66 +0,05	G F
Eng. 70F/FS/G 6730ccm 162/180/138-156kw (220/245/188-212PS)	79-85												
Eng. TD 70 H 6730ccm 121/157kw(165/213PS)	79-86	101,78	6	IN	V1087 V1087N3		43x11x148,5 +1,0S	60	1	VV229 VV229N		11x18x66 +0,05	G F
Eng. TD 71 A Eng. TD 71 G Eng. TD 71 K 6730ccm 169/137-148/169-177kw (230/186-201/230-241PS)	86-01 86→												
Eng. BF 4M 1013 Euro 1 4764ccm 63/93kw(85/127PS)	99→	108	4	IN	V1525		48x9x139	60	3	VV359		9x15,03x62,8	G A4
				EX	V1526		42x9x139	45	3	VV359		9x15,03x62,8	G A4
Eng. BF 4M 1013 E Euro 2 4764ccm 71/95kw(87/129PS)	98→	108	4	IN	V1525		48x9x139	60	3	VV359		9x15,03x62,8	G A4

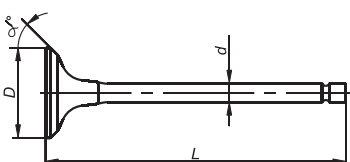
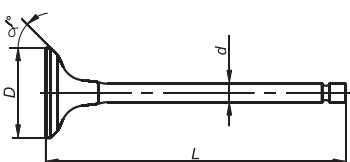
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												AV REF.
VOLVO-BM												
Eng. TD 100A 9600ccm	72-84 154/188kw(210/265PS)	120,65 6	IN	V463	50x11x167,2	60	1	VV13		11x18x82	G A	
Eng. TD 100G 9600ccm	82→ 180/203kw(245/276PS)		EX	V460	46x11x167,2	45	1	VV14		11x18x66	G A	
Eng. TD 101G 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				

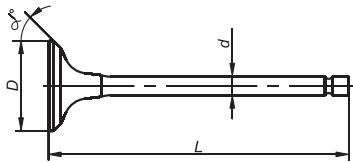
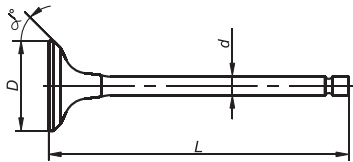
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												AV REF.
ZASTAVA												
YUGO 45, 55, 65 0.9 Eng. 100. GLO64 903 ccm 33kw(45PS)	80→	65 4	IN	V257	4 265 695	29x7x95,3	45	1	VV70	4 265 699	7x13,01x42,5	G
									VV70.1	4 372 331	+0,05	F
									VV70.2	4 372 332	+0,10	
									VV70.3	4 265 700	+0,20	
YUGO 45, 55, 65 1.1 Eng. 11E1.064 1108 ccm 44kw(60PS)	80→		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	
Zastava 10 1.2 1248ccm 44kw(60PS)	04→	70,8 4	IN	V1555	55194993	31,9x5x98,4	45	3	VV377	55190559	5x10,06x44	G
									VV377.1		+0,03	F
			EX	V1556	55194994	27,3x5x98,7	45	3	VV377	55190559	5x10,06x44	G
									VV377.1		+0,03	F
VV377.2	55190560	+0,23										
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
101 1.1 YUGO 55 1.1 Eng. 128A.000/128A.064 1116 ccm 41/44kw(55/60PS)	72→	80	IN	V152	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	
	80→	4	EX	V153	4 315 062 4 314 869	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	

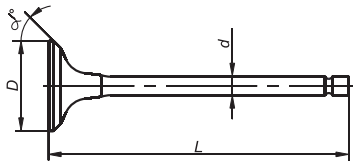
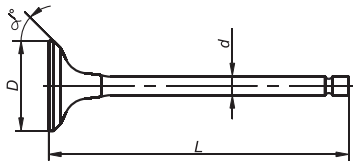
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ZASTAVA											
Florida 1.4 88→ Eng. M020 AA.13.0, 160 A1.000 1372 ccm 52kw(71PS)	80,5 4	IN	V411	7 609 772	37,5x8x108,5	45	1	VV69	4 250 803	8x14,06x46,5	G
		EX	V412	5 973 128	31x8x109	45	1	VV69.1	4 372 160	+0,03	F
Florida 1.6 1580 ccm 66kw(90PS)	86,4 4	IN	V411	7 609 772	37,5x8x108,5	45	1	VV69	4 250 803	8x14,06x46,5	G
		EX	V506	5 973 129	33,2x8x109	45	1	VV69.1	4 372 160	+0,03	F
Tavria 1.1 98→ 1091ccm 38kw(52PS)	72 4	IN	V479	245-1007010	34x8x111	45	1	VV121	2108-1007032	8x14,04x37,5	G
		EX	V480	245-1007012	29x8x111	45	1	VV121	2108-1007032	8x14,04x37,5	F1

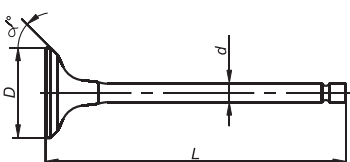
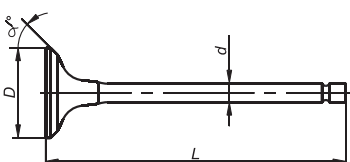
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												AV REF.
ZETOR												
ENG. 2001 Tractor 2011, 2013, 2017, 2023, 2511 1560 ccm 16kw(22PS)	60-77	95	IN	V85	950505	39,2x8x129,4	45	21	VV38 VV38N	950504	8x17,5/15,04x69,5	G
		2		V85N		+0,2S					+0,05	G
				V85N1		+0,5S						
				V85N2		+1,0D/+0,5S						
				V85N4		+1,0S						
ENG. 3001 Tractor 3011, 3013, 3016, 3017 3045, 3511, 3516, 3545 2340 ccm 24kw(33PS)	60-77	95	EX	V86	950506	33x10x127,5	45	9	VV39 VV39N	950530	10x17,5/15,04x64	G
		3		V86N		+0,2S					+0,05	G
				V86N1		+0,5S						
				V86N2		+1,0D/+0,5S						
				V86N4		+1,0S						
ENG. 4001 Tractor 4011, 4045, 4511, 4611 3120 ccm 32kw(44PS)	60-77	95		V86N5		+1,0D/+1,0S						
		4										
ENG. 5501 Tractor 5511, 5516, 5545, 5547, 5647 5711, 5718, 5745, 5748, 5845 4680 ccm 40,5/44kw(55/60PS)	60-77	95										
		6										
Major, Super 50 T42 4150ccm 37kw(50PS)	63→	105	IN	V667	1050409	40x10x155	45	21	VV68		10x26/17,05x78	G
		4	EX	V668	1050408	40x10x155	45	21				10x26/17,05x78
Tractor 5711 5011,6011,6911,7011 Tractor 6911 - 6945 3595 ccm			IN	V549	69010555	44,5x10x129,5	45	1	VV39 VV39N	950530	10x17,5/15,04x64	G
				V549N		+0,3S					+0,05	G
				V549N1		+0,5S						
				V549N2		+1,0D/+0,5S						
				V549N3		+1,0S						
	78→	110	EX	V550	69010554	36,5x10x129,5	45	1	VV39 VV39N	950530	10x17,5/15,04x64	G
		4		V550N		+0,3S					+0,05	G
				V550N1		+0,5S						
				V550N2		+1,0D/+0,5S						
				V550N3		+1,0S						

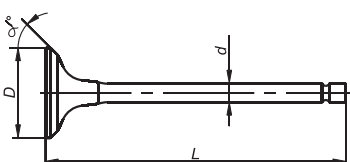
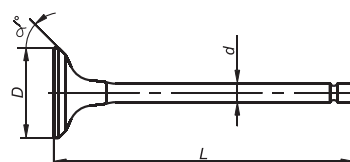
1	2	3	CYL. Ø Nº	IN EX	AV REF.	ORIGINAL PART Nº	DIMENSIONS D x d x L	ANG. α°	ST. END	AV REF.	ORIGINAL PART Nº	DIMENSIONS d ₁ xD ₂ /D ₁ xL ₁	MAT. SHAPE
ZETOR													
ENG. 8001 Tractor 8011, 8045 4562 ccm 55kw(75PS)	69→	110	4	IN	V87	4-80005014	49,3x10x138,9	45	1	VV111		10x16,05x68	G
				EX	V87N3		+1,0S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

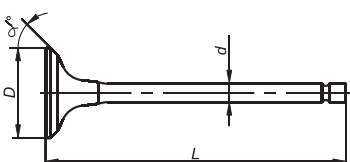
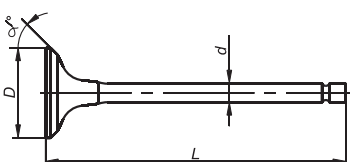
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ORIGINALE No	D x d x L	AV No	TRW No			ORIGINALE No	D x d x L	AV No	TRW No		
ACME						ALFA ROMEO					
960 045	37,5x9x105	V659		1		605 06 548	40x8x93,8	V1559			6
960 046	37x9x105	V660		1		605 12 982	44x9x104,8	V1561	56117		7
960 022	30,5x9x105	V661		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						ALFA ROMEO DIESEL					
14711-PM3-000	29x5,5x115	V1529		1		7 301 820	41x8x120,7 +1,0S	V326 V326N3	17062		11
14721-PM3-000	24,9x5,5x118,7	V1530		1		7 301 821	34,4x8x122 +1,0S	V327 V327N3	17063		10
641 049	34x6x103,8	V1649		1		4 813 760	41x8x122 +0,5S +1,0S	V470 V470N1 V470N3	17080		10
641 360	29x6x103,5	V1650		1		608 08 694	37,5x8x116,5	V707	56012		9
ALFA ROMEO						608 08 695	33,5x8x116,5	V708	56013		9
608 05 834	34,4x7x128	V705	17095	5		4 74 1 915	41x8x122	V965	17031		10
608 05 836	28,5x7x125,7	V706	17096	5		4 733 349	32,9x8x122	V966	17032		10
608 11 153	33,5x7x113	V729	560017	4		7 798 620	37,5x8x114,2	V1031	171013		9
608 11 154	28x7x108,4	V730	560018	4		7 783 225	31x8x114,2	V1032	171014		9
46406 169	43,5x8x105,6	V945	17056	5		46478 834	35,5x8x115	V1033	171046		8
7 597 080	36,2x8x105,9	V946	17010	5		46416 321	34,5x8x115	V1034	171047		8
608 12 982	30x7x113	V963	560015	4		605 07 189	40,2x8x121	V1167	4077		10
608 12 981	26x7x108,5	V964	560016	4		605 04 864	34x8x121	V1168	4078		10
125 195	38,1x8x98	V971		2		46518930	21,7x6x109,2	V1413			7
125 196	33,1x8x97,5	V972	56007	2		46518931	21,7x6x109,2	V1414			7
131 929	40x8x93	V973	56129	6		46802049	27,8x6x114,4	V1415			8
131 930	33,1x8x93	V974	56130	6		46787902	25,8x6x114,4	V1416			8
605 64 098	44x8x116	V1009	56005	5		55206431	27,9x5x114,4	V1595			9
605 12 751	38x8x119,4	V1010	56113	5		55205183	24,5x5x114,4	V1596			7
55192156	35,1x6x102,3	V1069	291109	6		55205125	26,5x5x114,4	V1680			7
71739686	30,1x6x100,9	V1070	291110	6		55204574	22,45x6x109,2	V1873			7
605 25 336	32x7x99,1	V1173	56008	6		55223836	22,5x6x109,2	V1874			7
605 25 337	26x7x101,2	V1174	56009	6		55190248	27,9x5x114,2	V2025			8
605 40 326	39,8x8x92	V1175	56010	3		55190249	24,9x5x114,2	V2026			8
11608 03301 01	37x9x106,5	V1176	5611	2		AUDI					
605 60 643	35,6x7x102,1	V1181	56014	7		036 109 601B	34x8x104	V545	3361		12
605 60 644	31,1x7x102,3	V1182	56126	7		052 109 611A	28,2x8x104	V547	3910		12
605 40 325	33,1x8x92,1	V1186	56011	3		036 109 601	34x8x104	V647	3341		12
605 13 702	36,5x9x107,2	V1225	5600 21	3							
605 13 703	32,5x9x94,9	V1226	5600 22	3							
605 82 738	33,6x7x102	V1371		6							
605 82 739	29,1x7x102,2	V1372		6							
11717.03300.00	42x9x106,5	V1407	56103	2							
55185028	26,9x6x95,2	V1451		1							
55106233	22,4x6x94,7	V1452		1							
605 04 051	38,8x8x92,8	V1557		2							
605 03 993	33,2x8x93,5	V1558		2							

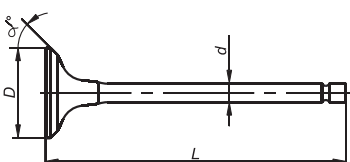
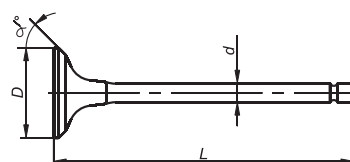
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ORIGINALE No	D x d x L	AV No	TRW No			ORIGINALE No	D x d x L	AV No	TRW No		
AUDI						AUDI					
052 109 611	28x8x104	V648	33032	11		022 109 601H	33,2x6x136,3	V1687	331128		27
052 109 601	31,5x8x104	V692	33043	11		022 109 611P	30,2x6x136,1	V1688	331130		27
069 109 601F	36x8x95,1	V697	39123	24		03F 109 601A	35,4x6x98,7	V1957			12
	+0,5S	V697N1		24		03F 109 611B	30x6x98,4	V1958			12
	+0,8S	V697N3		24			32,7x7x95,2	V1973			28
026 109 601C	40x8x91	V701	39136	19		06D 109 601M	33,8x6x104	V2027	331125		23
026 109 611A	33,2x8x91	V702	33048	14		06E 109 601H	32,3x6x104	V2157			23
053 109 611	33,2x8x91	V702B	33047	16			28x6x101,9	V2158			23
049 109 601F	34x8x98,7	V747	33024	12		04E 109 601B	28,5x5x110,3	V2177			13
049 109 611F	31,2x8x98,5	V748	33025	12		04E 109 611J	25,1x5x110,1	V2178			13
049 109 601A	38x8x105,7	V749	3322	14		AUDI DIESEL					
049 109 611A	31,2x8x105,5	V750	3320	14		068 109 601C	34x8x104,8	V541	33028		29
035 109 601C	38x8x98,7	V751	33022	14			+0,3S	V541N			29
035 109 611F	33,2x8x98,5	V752	33023	14			+0,5S	V541N1			29
026 109 601	40x8x98,7	V753	39100	18			+0,8S	V541N3			29
035 109 601H	38x8x91	V754	33034	14			+1,5S	V541N4			29
056 109 601A	34x8x98,7	V755	33001	13			+1,0S	V541N5			29
027 109 601C	32x7x95,5	V779	33125	21		068 109 601D	34x8x104,8	V541A	4906		30
027 109 611B	28x7x98,2	V780	33050	21			+0,3S	V541N			30
035 109 601J	38x8x91,9	V796	33282	20			+0,5S	V541N1			30
056 109 611A	31,2x8x98,5	V799	33002	13			+0,8S	V541N3			30
058 109 601C	26,9x6x105,1	V839	33413	22			+1,5S	V541N4			30
058 109 611M	29,9x6x103,9	V840	33438	22			+1,0S	V541N5			30
078 109 601B	39,5x7x91,9	V869	33403	21		068 109 611C	31,2x8x104,6	V542	33029		29
048 109 611B	32,9x7x91,2	V870	33416	21			+0,3S	V542N			29
051 109 601B	32x7x95,5	V889	33308	27			+0,5S	V542N1			29
051 109 611B	27x7x98	V890	33309	27			+0,8S	V542N3			29
048 109 601A	39,5x8x91,9	V899	33313	16			+1,5S	V542N4			29
036 109 601S	29,5x6x100,9	V957	39522	13		068 109 611D	31,2x8x104,6	V542A	4907		30
036 109 611K	26x6x100,5	V958	39523	13			+0,3S	V542N			30
077 109 601Q	26,9x6x96,5	V1137		28			+0,5S	V542N1			30
077 109 611K	29,9x6x95	V1138		28			+0,8S	V542N3			30
022 109 601E	31X6X102,1	V1217		27			+1,5S	V542N4			30
022 109 611C	27X6X136,4	V1218		27			+1,0S	V542N5			30
022 109 601F	31X6X136	V1219		27		068 109 601L	34x8x95,1	V543	39183		30
022 109 611B	27X6X102,5	V1220		27			+0,3S	V543N			30
06B 109 601D	39,4x6x93,8	V1379	331057	15			+0,5S	V543N1			30
06B 109 611C	32,9x6x93,8	V1380	331058	15			+0,8S	V543N3			30
077 109 601K	32,7x6x94,6	V1593	330052	28			+1,5S	V543N4			30
077 109 611D	27x6x97	V1594	330053	28			+1,0S	V543N5			30
06D 109 601K	33,8x6x104	V1605	331116	24		068 109 601M	34x8x95,1	V543A	39138		30
06D 109 611L	28x6x101,9	V1606	331117	22			+0,3S	V543N			30
059 109 601G	28,6x6x99,3	V1609		27			+0,5S	V543N1			30
059 109 611H	26,8x6x99,2	V1610		27			+0,8S	V543N3			30
058 109 611E	29,9x6x103,9	V1634	331107	23			+1,5S	V543N4			30
06E 109 601H	32,3x6x104	V1679	331118	22			+1,0S	V543N5			30
022 109 601G	33,2x6x102,4	V1685	331127	27							
022 109 611N	30,2x6x102,3	V1686	331129	27							

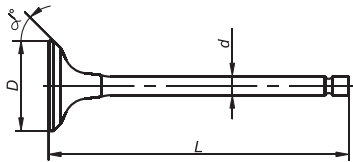
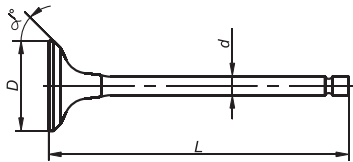
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	+0,3S	V544N		30		+0,5S	V920N1		32		
	+0,5S	V544N1		30		+1,0S	V920N3		32		
	+0,8S	V544N3		30	057 109 601	27,1x6x99	V1275		33		
	+1,5S	V544N4		30	057 109 611	24,1x6x99,1	V1276		33		
	+1,0S	V544N5		30	059 109 601F	27,1x6x100,6	V1277	331110	33		
068 109 611M	31,2x8x95	V544A	39117	30	059 109 611G	24,1x6x100,6	V1278	331111	33		
	+0,3S	V544N		30	03G 109 601A	29,4x6x88,5	V1491	331119	37		
	+0,5S	V544N1		30	03G 109 611B	25,5x6x88,2	V1492	331120	37		
	+0,8S	V544N3		30	057 109 601B	27,1x6x99	V1579		33		
	+1,5S	V544N4		30	057 109 611E	24,1x6x99	V1580		33		
	+1,0S	V544N5		30	03G 109 601B	29,2x6x87,8	V1607	331121	37		
069 109 601F	36x8x95,1	V697	39123	31	03G 109 611D	25,4x6x87,5	V1608	331122	37		
	+0,5S	V697N1		31	059 109 601G	28,6x6x99,3	V1609		38		
	+0,8S	V697N3		31	059 109 611K/H	26,8x6x99,2	V1610		38		
069 109 601H	36x8x95,1	V697A	39143	32	038 109 601E	36x7x89,5	V1663	331123	34		
	+0,5S	V697N1		32		+0,5S	V1663N1		34		
	+0,8S	V697N3		32	038 109 611E	31,5x7x89	V1664	331124	34		
074 109 611	31,2x8x95,1	V698	33049	34		+0,5S	V1664N1		34		
	+0,5S	V698N1		34	045 109 601	36x7x89,6	V1689	331049	29		
	+0,8S	V698N3		34	045 109 611	31,5x7x89,6	V1690	331050	29		
068 109 601	34x8x104,8	V713	33026	29	038 109 601F	36x7x88,8	V1691		38		
	+0,5S	V713N1		29	038 109 611G	31,5x7x88,4	V1692		38		
068 109 611	31x8x104,6	V714	4900	29	03L 109 601	28,1x6x99,3	V1693	331131	37		
	+0,5S	V714N1		29	03L 109 611	26x6x99,1	V1694	331132	37		
069 109 601C	36x8x104,9	V756	3909	31	038 109 611F	31,5x7x89,5	V1832		32		
	+0,5S	V756N1		31	03L 109 601A	26,6x6x99,3	V2029		33		
	+1,0S	V756N3		31	03L 109 611A	24,5x6x99,1	V2030		33		
069 109 601	36x8x104,8	V800	3333	31	AUSTIN – LEYLAND						
028 109 601B	36x7x95,5	V805	331035	35	LGH10029	27,7x6x89,6	V1329	105-35474	40		
	+0,5S	V805N1		35	LGH10028	24,2x6x90	V1330	105-35475	40		
028 109 611E	31,1x7x95,6	V806	331036	35	WAM4002	33,6x7x90,5	V1431	105-35484	40		
	+0,5S	V806N1		35	WAM4003	31,2x7x91	V1432	105-35485	40		
028 109 601D	36x7x96,9	V811	39486	35	AUSTIN – LEYLAND DIESEL						
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028 109 611G	31,4x7x96,9	V812	39487	35	LGH10037	33,6x7,4x93,8	V1490	105-35458	41		
	+0,5S	V812N1		35	AUTOBIANCHI						
028 109 601H	36x8x96,8	V821	39423	36	4 265 695	29x7x95,3	V257	17004	41		
	+0,5S	V821N1		36	4 377 979	26x7x95,7	V258	17021	41		
046 109 611F	31,5x8x96,9	V822	33380	36	7666228	30,4x7x97,1	V731	17054	42		
	+0,5S	V822N1		36	7666227	27,5x7x97,2	V732	17055	42		
046 109 601G	36x8x96,9	V823	33378	36							
059 109 601C	27,1x6x100,5	V879	33463	32							
059 109 611C	24,1x6x100,5	V880	33464	32							
038 109 601B	36x7x90	V919	331033	32							
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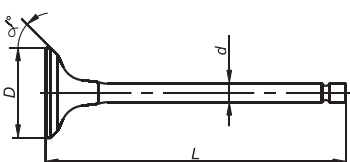
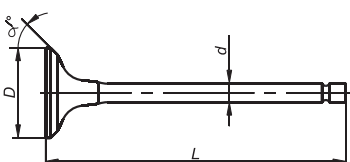
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362-020261	37x10x140,2	V492		42		1134 1 722 908	32,9x7x106,7	V1129	11359		50
BEDFORD						1134 1 726 903	30,5x7x106,3	V1130	11360		50
642 873	37x9x123,7	V245	3439	43		1134 1 739 822	32,9x6x106,1	V1131	11960		51
	+0,075d	V245.1		43		1134 1 739 823	30,4x6x105,7	V1132	11964		51
	+0,15d	V245.2		43		1134 1 401 104	34x7x119,7	V1149	11716		54
642 763	33x7x105	V357	3471	42		1134 1 401 105	30,5x7x121,3	V1150	11717		54
642 890	29x7x105	V358	3474	42		1134 1 739 658	42x7x104	V1177	11673		53
642 750	42x9x123	V609	3434	43		1134 1 739 665	36x7x103	V1178	11672		53
	+0,075d	V609.1		43		1134 1 267 721	39,9x7x102,5	V1215	1155		45
	+0,15d	V609.2		43		1134 1 267 722	33,9x7x102,5	V1216	1156		45
642 635	35x8x106,1	V817	2920	42		1134 1 309 343	37x7x121,4	V1245	11211		55
642 789	32x8x106,1	V818	2934	42		1134 1 309 487	32x7x123,8	V1246	11214		55
642 679	38x7x101,1	V859	29316	42		1134 1 736 549	34,9x6x104,1	V1281	11539		55
642 854	31x7x101,1	V860	29300	42		1134 1 741 231	30,4x6x103,6	V1282	11897		55
12911-82000	36x7x115,5	V1307	V3663	42		1134 1 251 879	41,9x8x103,8	V1317	1195		49
12915-82000	30x7x114,5	V1308	S3664	42		1134 1 251 498	34,9x8x104,3	V1318	1198		49
BEDFORD DIESEL						1134 1 273 592	46x8x106,5	V1563	1142		54
642 651	36x8x123,2	V695	29182	43		1134 1 250 129	38x8x107,1	V1564	1125		54
642 818	32x8x123,2	V696	29416	43		1134 1 440 304	32x6x100	V1585	111210		47
BELAZ						1134 1 707 519	29x6x100,1	V1586	111209		47
0330 05 060 5	71,9x15,9x236	V507		43		1134 7 547 187	26x5x110,1	V1674			44
0330 05 070 5	67,9x15,9x236	V508		43		1134 1 435 461	35x6x100	V1681	111208		48
BÜSSING						1134 7 539 919	32,2x5x104,5	V1699			45
88 04101 0213	53x11x177,8	V483	81 - 1307	43		1134 7 553 774	27x6x110,4	V1700			45
88 04101 0212	46x11x177,8	V484	81 - 1308	43		1134 7 533 884	30x5x97	V1701			44
88 04101 005	60,5x12x186,5	V485	81 - 1324	43		1134 7 533 885	25,1x5x110,8	V1702			44
88 04101 002	50x13x186,5	V486	81 - 1325	43		1134 7 553 771	34,2x5x104,5	V1703			48
BMW						1134 7 553 772	29x6x110,6	V1704			48
11341 722 910	29,9x7x107,7	V399	11357	44		1134 7 485 585	30,3x6x109,5	V1705			44
11341 722 911	26,9x7x106,8	V400	11358	44		1134 7 829 943	23,3x6x118,3	V1706			44
11341 727 358	42x7x102,1	V841	11131	49		1134 7 553 775	31,4x5x106,6	V1707			46
11341 727 352	35,9x7x101,1	V842	11324	49		1134 7 553 776	28x6x114,6	V1708			46
11341 720 827	42x7x102,5	V941	11104	52		1134 7 555 760	30x6x106,7	V1931	111211		46
11341 720 828	36x7x102,5	V942	11129	52		1134 7 552 053	27x6x114,6	V1932	111212		46
11341 736 567	31,9x6x104	V1101	11541	52		1134 7 548 280	31,4x6x106,7	V1955	111213		46
11341 736 576	28,5x6x103,6	V1102	11896	52		29x5x110,6	29x5x110,6	V1984			52
11341 738 220	29,9x6x107	V1103	11613	44		1134 7 585 901	29,7x5x95,1	V2031			44
11341 738 221	26,9x6x106,1	V1104	11612	44		1134 7 583 777	32x5x105	V2033			47
BMW DIESEL						1134 7 598 273	28x6x112,8	V2034			47
1134 2 242 624		V937	1180	56		1134 7 552 952	32x5x106,7	V2035			53
1134 2 242 623		V938	1184	56		1134 7 552 953	29x6x114,6	V2036			53
1134 2 244 814		V939	11732	56			35x5x112,1	V2217			47
							30x5x113,1	V2218			47

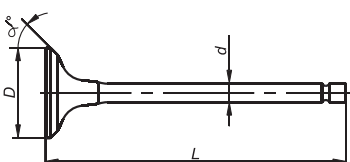
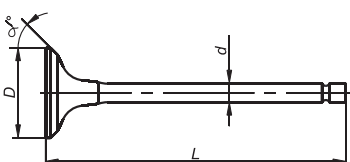
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1134 2 244 815	30,9x6x103,5	V940	11682	56	1P 0407	45x9,5x152,4	V849				60
1134 2 247 077	26x6x99,9	V994	111113	57	8N 3725	41,8x9,5x152,4	V850				60
1134 2 243 328	35,9x7x103,7	V1011	11485	56	1457390	40x8x183,1	V1627				58
1134 2 244 282	30,9x7x103,5	V1012	11543	56	1478211	43x9,5x199,1	V1628				58
1134 7 791 054	30,6x6x100	V1487		55	2255495	46,3x9x129,2	V1867				60
1134 7 791 055	28x6x99,8	V1488		55	2255499	41,6x9x129,2	V1868				60
1134 7 805 968	25,6x5,5x96,4	V1493	539009	56	7W 8064	47x8x177,1	V1999				59
1134 7 805 969	23,4x5,5x96,6	V1494	539010	56	7W 2699	40x8x176,8	V2000				59
1134 7 797 711	27,2x5x94	V1709		57	2120932	45x9,5x193,7	V2239				60
1134 7 797 712	24,6x5x94	V1710		57	2120933	41,8x9,5x193,7	V2240				60
1134 7 799 612	27,5x6x99,8	V1859		57	9H1087	43,1x9,4x150,1	V2241				60
1134 7 812 618	24,8x5x94	V2037		56	2M7727	39,9x9,4x150,1	V2242				60
1134 7 812 616	21,2x5x94	V2038		56	2243028	44,5x9,5x188,3	V2243				60
CADILLAC						CATERPILLAR					
641 022	32x6x102,1	V511	29375	58	2418383	41,6x9,5x187,3	V2244				60
641 325	29x6x92,2	V512	29354	58	2418382	39x8x184,5	V2245				60
12786696	35,1x6x102,3	V1069	291109	57	2527803	36x9,5x184,6	V2246				60
12791961	30,1x6x100,9	V1070	291110	57	2941684	34,5x6,6x144,1	V2247				61
12590771	55x8x123,9	V2281		58	2941685	27,5x6,6x144	V2248				61
12582719	40,4x8x124,7	V2282		58	3096688	35x6x108,2	V2249				61
12575352	35,2x6x101,4	V2349		58	3399637	33x6x107,9	V2250				61
12575354	30,6x6x97	V2350		58	3081860	37x7x99,5	V2251				61
12575351	37x6x101,3	V2351		58	3081861	33x7x99,6	V2252				61
CADILLAC DIESEL						CHEVROLET-DAEWOO					
93185523	27,8x6x114,4	V1415		58	904 122 77	32x6x102,1	V511				64
93178588	25,8x6x114,4	V1416		58	904 108 13	29x6x92,2	V512				64
CATERPILLAR						CHEVROLET-DAEWOO					
2W 2622	45x9,5x181,4	V495	V3021XS	60	12911 78B00	35,7x5,5x110,5	V605	771003			61
1W 3860	41,8x9,5x181,4	V496	AS3020	60	12915 78B00	31,8x5,5x110,2	V606				61
1W 8606	63,6x9,5x238,6	V497		61	90220119	41,8x7x103,8	V641	29107			64
1W 1822	59,7x9,5x238,6	V498		61	90323757	36,5x7x103,6	V642	29292			64
1W 1818	59,5x9,3x236	V499		60	96182806	30,3x6x102,3	V861				63
1W 1819	58x9,3x236	V500		60	96182805	26x6x102	V862				63
5S 6452	51,3x9,5x140	V551	V3085XS	59	55565339	28x5x93,8	V883				62
	+0,2d	V551N		59	55570170	25x5x93,8	V884				62
	+0,55d	V551N1		59	96352793	31,8x5,5x110,4	V900	771004			62
7S 6767	48,2x9,5x139	V552	AS3089	59	96182934	38x7x103,5	V901				62
	+0,2d	V552N		59	96182933	31x7x103,5	V902				62
	+0,55d	V552N1		59	641 063	35,1x6x102,3	V1069				65
8H 1993	59,5x12,7x236	V567	105 - 3263	61	641 376	30,1x6x100,9	V1070				65
8H 1994	57,9x12,7x235	V568	105 - 3558	61	MD-016460	35x7x101,5	V1099				65
9L 7682	53,2x9,5x144,7	V591	V3014	59		31x8x103,5	V1100				65
9L 7683	45,8x9,5x144,3	V592	S3019	59	MD-016461	34x6,6x102,1	V1145	V3142			62
						30x6,6x100,9	V1146	S3143			62
					96335947	38x6x104	V1263				63
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					96376881	28,6x6x101,6	V1271				63

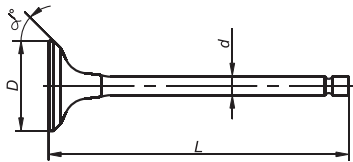
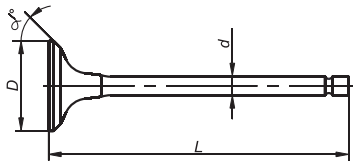
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96376980	27,3x6x101,3	V1272		63	113 050 0227	41x7x122,3	V1552	261033	68
55557862	31,2x5x117,2	V1429		63	MD 075925	38x8x103,5	V1567	V3376	66
55558728	27,5x5x116,2	V1430		63	MD 075927	31x8x100	V1568	S3374	66
	35x7x101,5	V1547		65	11347485585	30,3x6x109,5	V1705		67
	31x7x103,5	V1548		65	11347829943	23,3x6x118,3	V1706		67
55557741	31,2x5x113,9	V1611		64	04663899	33,9x6x108,2	V1847		67
71744388	27,5x5x113,2	V1612		64	04663902	27,7x6x106,2	V1848		67
90215492	38x7x101,7	V1855		62	04663347	29x7x126	V1860		67
96098751	31x7x101,7	V1856		62		37x8x111,3	V1920		68
96230591	38x6x101,3	V1875		64		43,9x8x112	V1943		68
96230595	31,4x6x101,1	V1876		64		38,6x8x111,4	V1944		68
96463002	25,9x5x99,2	V2039		61	04781025AA	48x7x126,3	V1959		68
96463003	23,5x5x100	V2040		61	04781029AB	35,5x7x127,6	V1960		68
93333561	31,2x6x101,4	V2265		64		33,2x6x114,7	V2211		67
93333562	27,5x6x100,8	V2266		64		28,8x6x117,2	V2212		67
					53006724	41,3x8x124,4	V2288		68
CHEVROLET-DAEWOO DIESEL					CHRYSLER DIESEL				
93 510 773	33x8x111,9	V710		66	7701 462 232	40,2x8x111,6	V863	515120	69
	+0,5S	V710N1		66	7701 461 339	33,3x8x111,6	V864	515320	69
	+1,0S	V710N3	537450	66	05073735AA	30,1x7x104	V1055	261102	69
93 510 415	38,5x8x112,4	V721	531005	66	05073738AA	28,4x7x104,4	V1056	261103	69
	+0,5S	V721N1		66	0472 0146	40,2x8x121	V1167	4077	69
	+1,0S	V721N3		66	0472 0148	34x8x121	V1168	4078	69
	21,7x6x109,2	V1413		65	68001582AA	29,2x6x87,8	V1607	331121	68
	21,7x6x109,2	V1414		65	68001583AA	25,4x6x87,5	V1608	331122	68
96951454	28,6x6x95,7	V1625		66	05066770AA	32,4x6x109	V1645		70
96951455	24,4x6x95,7	V1626		66	05066769AA	30,9x6x108,3	V1646		70
	22,45x6x109,2	V1873		65	5175396AA	28,5x6x102,3	V1743		69
	22,5x6x109,2	V1874		65	5175397AA	24,5x6x102,3	V1744		69
	29,3x5,5x96,8	V2003		66	K68027469AA	31,8x6x107,6	V1745		70
	25,1x5,5x97,1	V2004		66	K68027470AA	29,2x6x107,8	V1746		70
98113743	27,4x6x102,6	V2041		65					
97385842	25,45x6x102,4	V2042		65					
25183821	28,8x5x101,9	V2043		66					
25183822	26,4x5x101,9	V2044		66					
CHRYSLER					CHRYSLER U.S.A.				
0464 8615	33,2x6x114,9	V1147		66	MD075925	38x8x103,5	V1567		70
0464 8613	28,7x6x117,2	V1148		66	MD075927	31x8x100	V1568		70
MD 301193	33x6x112,5	V1195		67	0948.F2	35x5,5x113,2	V2253		70
MD 306183	29x6x114	V1196		67	0949.E7	29x5,5x105,8	V2254		70
0466 7969AB	34,8x6x111,6	V1233		67	53021550AA	50,8x8x125,2	V2255		70
0477 7898AA	28,5x6x109,8	V1234		67	53021551AA	39,4x8x123,1	V2256		70
33003515R	48,5x8x124,7	V1445		68					
33003860R	38,1x8x125,5	V1446		68					
113 053 0101	36x7x119,4	V1551	261032	68					
CITROEN									
					5 973 128	31x8x109	V412	171030	73
					91 510 548	42,6x8x118,6	V593	537819	78
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					96 260 498	39,4x7x111,5	V631	531007	75

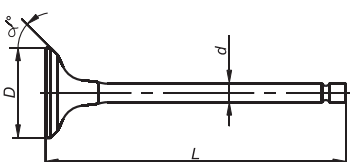
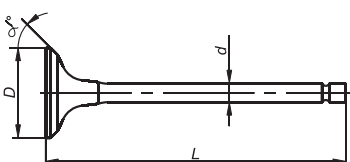
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97 533 264	29,3x7x112,6	V632	537845	72	753 388 580	25,1x5x110,8	V1702		75
96 278 356	36,7x7x112,8	V633	531012	74	0948.E2	27,4x5x88,4	V1721		72
97 533 266	36,7x7x112,8	V694	537841	72	0949.C8	23,6x5x89,2	V1722		72
91 535 017	41,6x8x108,8	V723	537853	76	094 932	37x8x111,3	V1920		80
91 535 019	34,5x8x108,4	V724	537851	76	094 836	43,9x8x112	V1943		80
7 617 500	39,5x8x108,5	V735	17089	73	95 536 523	38,6x8x111,4	V1944		80
96 172 597	34,6x7x106,4	V909	537131	78	0948.G4	29,7x5x95,1	V2031		75
96 172 795	29,6x7x105,7	V910	537132	78	9676359080	29,1x5x92,5	V2123		73
0948.82	34,1x6x106,4	V933	537141	79	9676359180	26,1x5x91,8	V2124		73
0949.87	30,7x6x105,3	V934	537148	79	95638476	39,3x8x111,8	V2171		74
91 518 971	39,5x8x105,2	V935	538181	76	95638477	31,2x8x111,6	V2172		74
91 518 972	33x8x105,2	V936	538008	76		34,5x8x77,1	V2191		70
91 512 096	40x8x108,8	V967	538180	76		31x8x76,4	V2192		70
91 513 446	33x8x108,1	V968	538009	76		39x8x91	V2193		70
95 551 307	36,8x8x113,4	V969	536478	71		32x8,5x88,7	V2194		70
95 551 308	29,3x8x113,6	V970	535840	71	5 457 475	40x8x88,5	V2195		71
96 059 361	42,6x8x108,8	V997	157579	79	5 457 476	34x8,5x87,1	V2196		71
96 147 032	34,5x8x108,4	V998	157580	79	5 430 70Y	39x8x89,7	V2199		71
0948.99	33,3x6x106,2	V1091	531010	79	5 430 75C	34x8,5x88,5	V2200		71
0949.99	28,9x6x103,6	V1092	531011	79	0948.F2	35x5,5x113,2	V2253		79
97 531 079	34,7x7x112,8	V1093	537840	71	0949.E7	29x5,5x105,8	V2254		79
97 531 046	27,7x7x112,6	V1094	537844	71	CITROEN DIESEL				
91 508 631	32x8x108,7	V1116		76	0948.A2	41x8x120,7	V326	17062	86
0948.A9	31,2x6x103,8	V1161		76		+1,0S	V326N3		86
0949.A8	24,5x6x104,4	V1162	537174	75	0948.96	43,5x8x122	V679	171015	86
96 183 535	39,5x7x111,7	V1163	537505	74		+1,0S	V679N3		86
96 101 887	31,3x7x111,5	V1164	537506	74	0949.A0	35,9x8x122	V681	171055	86
96 289 433	34,6x6x106,3	V1183	537006	78		+1,0S	V681N3		86
96 298 611	29,6x6x105,7	V1184	533033	78	7 547 158	37,5x8x116,5	V707	17060	83
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0949.A5	30,5x6x106,9	V1248	531016	80	93 501 279	38x8x112,4	V709	538359	81
0948.C8	28,3x5,5x100,8	V1251		74		+0,5S	V709N1		81
0949.C4	24,3x5,5x101,1	V1252		74		+1,0S	V709N3		81
91 540 748	34,6x7x106,4	V1273	537686	77	93 510 773	33x8x111,9	V710	537450	81
91 540 782	29,6x7x105,8	V1274	537687	77		+0,5S	V710N1		81
0948.A7	32,4x6x105	V1315	531027	79		+1,0S	V710N3		81
0949.A7	29,2x6x102,6	V1316	531028	79	93 510 415	38,5x8x112,4	V721	531005	82
96 254 648	28,8x6x104,4	V1341	537209	75		+0,5S	V721N1		82
0948.A4	29,8x6x106	V1453	531023	76		+1,0S	V721N3		82
0949.A4	27,2x6x104	V1454	531026	76	96 005 391	38,5x8x112,4	V721A	537746	83
0948.A1	35x6x106	V1455	531019	80		+0,5S	V721N1		83
0949.A2	31,1x6x102,9	V1456	531020	80		+1,0S	V721N3		83
91537489	41,6x8x105,2	V1575	537852	77	93 510 774	33x8x111,9	V722	537747	81
91537491	34,5x8x104,8	V1576	537850	77		+0,5S	V722N1		81
753 450 880	28,8x5x105,7	V1673		75		+1,0S	V722N3		81
754 718 780	26x5x110,1	V1674		75					
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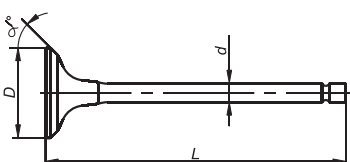
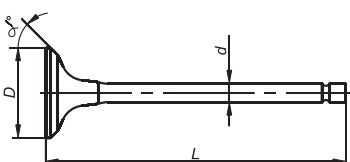
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95 638 449	35,5x7x108,4 +1,0S	V809 V809N3	157714	80		145701	47,5x11,5x179,5	V410	AS2472		88
95 638 450	30,6x7x108,2 +1,0S	V810 V810N3	157729	80		135957	47,5x11,5x179,5	V410A	V3099x		88
96 180 328	41x7x115,7	V955	537257	86		207241	56,3x12,6x191,8	V477	105-35481		89
96 267 448	37,8x7x115,4	V956	537019	86		3035110	56,3x12,6x191,8	V478	105-35482		89
0948.95	35,6x6x107,1	V1085	531003	83		39 208 67	45x8x129,1 +0,2d	V527	111006		87
0949.96	33,8x6x107,1	V1086	531004	83			+0,4d	V527N5			87
96 150 145	37x7x108,5 +0,5S	V1089 V1089N1	537627	81		39 208 68	42x8x129,1 +0,2d	V528	111007		87
96 150 144	31,5x7x108,2 +0,5S	V1090 V1090N1	537628	81			+0,4d	V528N5			87
96 008 334	33,9x8x122,3	V1095	537575	84		30 332 34	42,5x9,5x176,4	V528N6			87
96 079 213	33,9x8x121,9	V1096	537555	84		38 185 20	42,5x9,5x176,4	V891			87
96 095 457	36,9x7x127,9 +0,5S	V1121 V1121N1	537503	86		3940735	33x7x124,7 +0,5S	V892			87
	+1,0S	V1121N3		86			+0,8S	V1297			88
96 096 146	36,9x7x127,5 +0,5S	V1122 V1122N1	537554	86			+0,2d	V1297N1			88
	+1,0S	V1122N3		86		3940734	33x7x124,3 +0,5S	V1297N2			88
0948.A3	29,8x6x105	V1179	531021	84			+0,8S	V1297N5			88
0949.A3	25x6x105	V1180	531022	84			+0,2d	V1298			88
0948.C2	32,8x5,5x97,3	V1205	181102	80		3942588	38x8x137,8	V1298N1			88
0949.B1	30,3x5,5x97,3	V1206	181103	80		3942589	38x8x137,9	V1298N2			88
0948.C0	29,9x6x106,2	V1313	531017	85		3802275	52x9,5x151	V1298N5	105-35617		87
0949.A9	25x6x106,1	V1314	531018	85		3902254	46x9,5x150,9	V1298N1	105-35618		87
0948.C4	24,3x5,5x96,4	V1457		80			32,6x6x106,2	V1995			87
0949.C1	22,4x5,5x96,6	V1458		80		4965868	29x6x106,7	V1996			87
0948.C7	25,6x5,5x96,4	V1493	539009	81			47,6x9,6x216	V2257			89
0948.C3	23,4x5,5x96,6	V1494	539010	81		4101454	45,5x9,6x223,8	V2258			89
95569116	42x8x121,4	V1623	151564	85		3802659	45,1x8x129,2	V2259			89
95569117	35x9x121,4	V1624	151554	85		3802658	42x8x129,1	V2260			89
504072531	32,4x6x119,9	V1697		87		3802813	52x9,5x151	V2261			89
504081062	32,4x6x119,9	V1698		87		3802812	46x9,5x150,9	V2262			89
0948.E5	27,2x6x95,8	V1723		84		3394112	47,6x11,5x200,2	V2263			89
0949.E1	25x6x95	V1724		84							
0948.E6	29,8x7x122,2	V1987		85							
0949.E3	25,8x7x122	V1988		85							
0948.F7	30,15x5,5x95,6	V2049		81							
0949.F5	27,5x5,5x95,5	V2050		81							
0948.F6	27,25x6x104,5	V2051		84							
CLAAS						DACIA					
	46,3x9x129,2	V1867		87		7701 458 180	33,4x7x89,8	V581	518293		90
	41,6x9x129,2	V1868		87		7701 460 690	28,9x7x88,8	V582	518533		90
						7700 273 371	37,6x7x107,8	V673	511017		90
						7701 465 090	33,6x7x107,8	V674	517646		90
						7701 471 378	32,7x5,5x109,3	V1013	531029		90
						7701 471 379	28x5,5x107,6	V1014	531030		90
						7701 472 986	26x5,5x110,7	V1165			89
						7701 473 004	22x5,5x112,5	V1166			89
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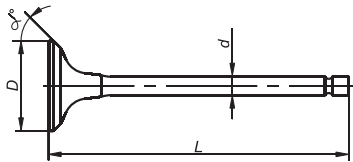
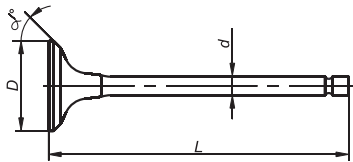
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DACIA DIESEL						DAF DIESEL																																																																																																															
7701 468 035	35,2x8x111,6	V837	510203	91		1352127	37x9x154,4	V1714			93																																																																																																										
7701 465 107	36,1x8x111,7 +1,0S	V855 V855N3	517983	91		1307654	45,5x9x163,8	V1865	105-35601		94																																																																																																										
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7701 469 369	35x8x110	V885	510203	91		1684513	45,5x10x169,4	V1985			94																																																																																																										
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DAEWOO „see” CHEVROLET						DAIHATSU																																																																																																															
DAF						<table border="1"> <tr> <td>13711-87701</td> <td>36x7x101,6</td> <td>V1141</td> <td>V 3573</td> <td>95</td> </tr> <tr> <td>13715-87701</td> <td>33x7x101,6</td> <td>V1142</td> <td>S 3574</td> <td>95</td> </tr> <tr> <td>13711-97401</td> <td>26x5x88,2</td> <td>V1249</td> <td>711007</td> <td>95</td> </tr> <tr> <td>13715-97401</td> <td>22,6x5x89,2</td> <td>V1250</td> <td>711008</td> <td>95</td> </tr> <tr> <td>13711-64030</td> <td>38,5x8x105,6</td> <td>V1345</td> <td>V3593</td> <td>96</td> </tr> <tr> <td>13711-87103</td> <td>30x6,6x112,8</td> <td>V1433</td> <td></td> <td>96</td> </tr> <tr> <td>13715-87106</td> <td>26x6,6x114,5</td> <td>V1434</td> <td></td> <td>96</td> </tr> <tr> <td>13715-64030</td> <td>32,4x8x105,3</td> <td>V1482</td> <td>711026</td> <td>96</td> </tr> <tr> <td>13711-15010</td> <td>36x7x106,7</td> <td>V1523</td> <td>V3245</td> <td>96</td> </tr> <tr> <td>13715-15010</td> <td>31x7x106,7</td> <td>V1524</td> <td>S3246</td> <td>96</td> </tr> <tr> <td>13711-97205</td> <td>24,5x5x79,2</td> <td>V1883</td> <td></td> <td>95</td> </tr> <tr> <td>13715-97203</td> <td>21,1x5x79,8</td> <td>V1884</td> <td></td> <td>95</td> </tr> <tr> <td>13711-87208</td> <td>24,1x5x79,5</td> <td>V1963</td> <td></td> <td>95</td> </tr> <tr> <td>13711-87202</td> <td>34x7x111,1</td> <td>V2053</td> <td></td> <td>95</td> </tr> <tr> <td>13715-87202</td> <td>28x7x110,6</td> <td>V2054</td> <td></td> <td>95</td> </tr> <tr> <td>13711-40040</td> <td>27,6x5x88,4</td> <td>V2159</td> <td></td> <td>95</td> </tr> <tr> <td>13715-40040</td> <td>23,6x5x89</td> <td>V2160</td> <td></td> <td>95</td> </tr> </table>					13711-87701	36x7x101,6	V1141	V 3573	95	13715-87701	33x7x101,6	V1142	S 3574	95	13711-97401	26x5x88,2	V1249	711007	95	13715-97401	22,6x5x89,2	V1250	711008	95	13711-64030	38,5x8x105,6	V1345	V3593	96	13711-87103	30x6,6x112,8	V1433		96	13715-87106	26x6,6x114,5	V1434		96	13715-64030	32,4x8x105,3	V1482	711026	96	13711-15010	36x7x106,7	V1523	V3245	96	13715-15010	31x7x106,7	V1524	S3246	96	13711-97205	24,5x5x79,2	V1883		95	13715-97203	21,1x5x79,8	V1884		95	13711-87208	24,1x5x79,5	V1963		95	13711-87202	34x7x111,1	V2053		95	13715-87202	28x7x110,6	V2054		95	13711-40040	27,6x5x88,4	V2159		95	13715-40040	23,6x5x89	V2160		95																						
13711-87701	36x7x101,6	V1141	V 3573	95																																																																																																																	
13715-87701	33x7x101,6	V1142	S 3574	95																																																																																																																	
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13711-64030	38,5x8x105,6	V1345	V3593	96																																																																																																																	
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13715-87106	26x6,6x114,5	V1434		96																																																																																																																	
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13711-97205	24,5x5x79,2	V1883		95																																																																																																																	
13715-97203	21,1x5x79,8	V1884		95																																																																																																																	
13711-87208	24,1x5x79,5	V1963		95																																																																																																																	
13711-87202	34x7x111,1	V2053		95																																																																																																																	
13715-87202	28x7x110,6	V2054		95																																																																																																																	
13711-40040	27,6x5x88,4	V2159		95																																																																																																																	
13715-40040	23,6x5x89	V2160		95																																																																																																																	
DAF DIESEL						DAIHATSU DIESEL																																																																																																															
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13711-87706	34x7x105	V1305		96																																																																																																																	
13715-87705	30x7x105	V1306		96																																																																																																																	
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13715-87703	32x7x105	V1348	S3578	96																																																																																																																	
0949.50	35,5x8,5x116,3	V794	538210	92		DONG FENG																																																																																																															
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3940735	33x7x124,7 +0,5S	V1297 V1297N1		97																																																																																																																	
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394838	50x10x157,9	V1711	105-35496	92																																																																																																																	
394839	45,5x10x157,9	V1712	105-35497	92																																																																																																																	
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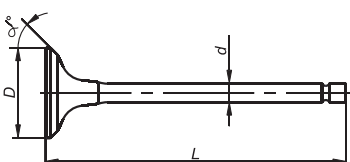
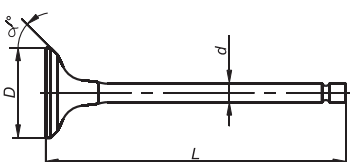
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5116 0002 0	41x11x162 +1,0S	V16 V16N3		97		7 712 114	30,3x7x110,4	V727	171033	106	
5116 0007 0	52x11x159 +0,5S +0,8S +1,0S	V33 V33N1 V33N2 V33N3		97		46 413 334	35,5x7x110,4	V728	171034	106	
5116 0003 0	43x11x159 +0,5S +0,8S +1,0S	V69 V69N1 V69N2 V69N3		97		7 766 564	33,5x7x113	V729	171006	106	
5116 0008 0	52x11x159 +0,5S +0,8S	V154 V154N1 V154N2		97		7 766 565	28x7x108,4	V730	171004	106	
5116 0003 1	43x11x159 +0,5S +0,8S	V155 V155N1 V155N2		97		7 666 228	30,4x7x97,1	V731	17054	99	
5116 0068 0	53x11x159 53x11x159	V368 V368A		97		7 666 227	27,5x7x97,2	V732	17055	99	
5116 0063 0	45x11x159	V369		97		7 617 500	39,5x8x108,5	V735	17089	112	
FENDT						FIAT					
630804600014	38x9x117 +1,0S	V687 V687N3	2723	98		46 517 325	30,3x7x102,5	V825	171036	105	
620704603014	35x9x117 +1,0S	V688 V688N3	2721	98		46 462 159	29,8x7x102,8	V826	171043	105	
4 064 701	25,5x7x92,2	V01	1755	98		91 540 748	34,6x7x106,4	V909	537131	110	
4 064 702	23,5x7x92,2	V02	1756	98		91 540 782	29,6x7x105,7	V910	537132	110	
4 239 917	36x8x108,5	V152	17002	104		4 440 061	43,5x8x105,6	V945	171056	108	
4 315 062	31x8x109	V153	17001	104		5 975 341	36,2x8x105,9	V946	17010	108	
4 265 695	29x7x95,3	V257	17004	98		7 735 898	30x7x113	V963	171005	107	
4 377 979	26x7x95,7	V258	17021	98		7 735 899	26x7x108,5	V964	171003	107	
7 609 772	37,5x8x108,5	V411	17073	104		91 512 096	40x8x108,8	V967	538180	107	
5 973 128	31x8x109	V412	171030	104		91 513 446	33x8x108,1	V968	538009	107	
5 973 129	33,2x8x109	V506	17024	111		7 565 812	36x8x108,5	V983	17071	105	
4 379 986	33x8x115,3	V539	17020	103		7 574 881	33,1x8x109	V984	17148	105	
4 374 855	28x8x116	V540	17006	103		96059361	42,6x8x108,8	V997	157579	110	
0948.33	42,6x8x118,6	V593	537819	109		96147032	34,5x8x108,4	V998	157580	110	
0949.56	35,5x8x112,2	V594	537909	109		4 426 397	39,5x8x112	V1001	17066	107	
7 574 739	34,4x7x128	V705	17082	109		5 975 849	36,5x8x112,5	V1002	17067	107	
7 958 073	28,5x7x125,7	V706	17083	109		46 403 681	26,9x6x95,2	V1007	171052	100	
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						71739320	30,1x6x100,9	V1070	291110	111	
						7 770 334	31,5x7x97,1	V1079	17094	100	
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						96360017	28,9x6x103,6	V1092	531011	109	
						96289433	34,6x6x106,3	V1183	537006	110	
						96298611	29,6x6x105,7	V1184	533033	110	
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						96401813	30,5x6x106,9	V1248	531016	112	
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						55185080	22,4x6x94,7	V1452		101	
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						71747245	25x5,5x99	V1472		103	
						55194993	31,9x5x98,4	V1555		102	
						55194994	27,3x5x98,7	V1556		102	
						55557741	31,2x5x113,9	V1611		105	
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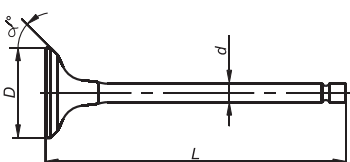
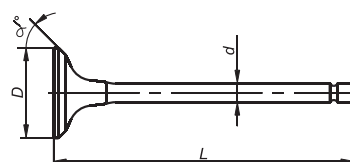
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55225886	26,8x6x95,2	V2021		103		7 783 225	31x8x114,2	V1032	171014	114	
55225887	23x6x94,9	V2022		103		46 750 859	35,5x8x115	V1033	171046	114	
55229666	30,15x5x95,5	V2023		105		46783962	34,5x8x115	V1034	171047	114	
55231897	25,4x5x95,3	V2024		105		96247742	35,6x6x107,1	V1085	531003	119	
55198341	33,2x5x99,9	V2055		102		96247745	33,8x6x107,1	V1086	531004	119	
55198342	28x5x100,5	V2056		102		0948.68	33,9x8x122,3	V1095	537575	121	
55194246	31,9x5x98,4	V2057		102		0949.68	33,9x8x121,9	V1096	537555	121	
55194247	27,3x5x98,7	V2058		102		96 095 457	36,9x7x127,9	V1121	537505	122	
FIAT DIESEL								+0,5S	V1121N1	122	
								+1,0S	V1121N3	122	
7 301 820	41x8x120,7	V326	17062	121		96 096 146	36,9x7x127,5	V1122	537553	122	
	+1,0S	V326N3		121			+0,5S	V1122N1		122	
7 301 821	34,4x8x122	V327	17063	121			+1,0S	V1122N3		122	
	+1,0S	V327N3		121		9627184380	29,8x6x105	V1179	531021	120	
4 813 760	41x8x122	V470	17080	121		96344375	25x6x105	V1180	531022	120	
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98 468 338	43,5x8x122	V679	171015	123		96353179	29,9x6x106,2	V1313	531017	120	
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99 418 161	36,5x8x122	V680	171016	123		46518930	21,7x6x109,2	V1413		112	
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99 432 837	35,9x8x122	V681	171055	123		46802049	27,8x6x114,4	V1415		116	
	+1,0S	V681N3		123		46787902	25,8x6x114,4	V1416		116	
7 547 158	37,5x8x116,5	V707	17060	117		96450247	25,6x5,5x96,4	V1493	539009	113	
7 588 577	33,5x8x116,5	V708	17061	116		96408400	23,4x5,5x96,6	V1494	539010	113	
93 510 773	33x8x111,9	V710	537450	119		98 497 235	46x9x141,2	V1535		124	
	+0,5S	V710N1		119		99 433 902	38,3x9x141,2	V1536		124	
	+1,0S	V710N3		119		55206431	27,9x5x114,4	V1595		116	
93 510 415	38,5x8x112,4	V721	531005	119		55205183	24,5x5x114,4	V1596		114	
	+0,5S	V721N1		119		5471746	42x8x121,4	V1623	151564	121	
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4 424 173	34x8x112	V725	17036	113		55205125	26,5x5x114,4	V1680		114	
4 424 174	29x8x112	V726	17037	113		504072531	32,4x6x119,9	V1697		124	
5 990 532	37,5x8x116,8	V733	17065	116		504081062	32,4x6x119,9	V1698		124	
5 990 533	33,5x8x117	V734	17079	116		0948.E5	27,2x6x95,8	V1723		120	
7 553 000	33x8x117	V737	17058	113		0949.E1	25x6x95	V1724		120	
7 553 004	29,9x8x117	V738	17059	113		55204574	22,45x6x109,2	V1873		113	
96180328	41x7x115,7	V955	537257	122		55223836	22,5x6x109,2	V1874		113	
96267448	37,8x7x115,4	V956	537019	122		9660035980	29,8x7x122,2	V1987		121	
4 741 915	41x8x122	V965	17031	121		9660640080	25,8x7x122	V1988		121	
4 733 349	32,9x8x122	V966	17032	122		55190248	27,9x5x114,2	V2025		115	
4 368 843	38,4x8x126	V1027	17038	120		55190249	24,9x5x114,2	V2026		115	
4 368 845	33,4x8x126	V1028	17039	120			46x9x141	V2161		124	
7 597 566	36,5x8x114	V1029	17084	118			38,3x9x141	V2162		124	
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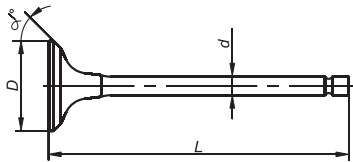
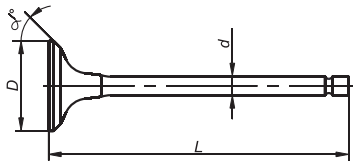
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8 830 045	40,8x8x137,7 +0,5S	V226 V226N1	17072	127	77BM6505EB	+0,2d	V772.1		129		
8 823 545	42,9x8x137,7	V228	17044	127	77BM 650 5DB	29,1x7,9x105,6	V772A	105-35068	130		
8 823 544	36,4x8x137,7	V229	17045	127	70HM 6507DD	42x8x111,2	V773	7837	138		
4 659 379	43,9x8x125,8	V321	17042	124	70HM6507ED	+0,2d	V773.1		138		
	+0,3S	V321N		124	70HM6507FD	+0,4d	V773.2		138		
	+0,5S	V321N1		124	70HM 6505DE	36x8x110,6	V774	7885	139		
	+1,0S	V321N2		124	70HM 6505EE	+0,2d	V774.1		139		
	+1,5S	V321N4		124	70HM 6505FE	+0,4d	V774.2		139		
4 673 608	36,9x8x125,6	V322	17043	124	81SM 6507KF	42x8x134,8	V781	105-35326	130		
	+0,3S	V322N		124	81SM6507NF	+0,2d	V781.1		130		
	+0,5S	V322N1		124	81SM 6505AF	34x8x131,4	V782	105-35329	130		
	+1,0S	V322N2		124	81SM 6505BF	+0,2d	V782.1		130		
	+1,5S	V322N4		124	88WM 6507BA	42,6x7x108,5	V791	18353	137		
99432652	45,5x8x125,7	V447	17075	125	95WM 6505AA	38x7x108,9	V792	18354	137		
	+0,5S	V447N1		125	81SM 6505AG	37x8x131,8	V795	105-35332	133		
	+0,8S	V447N2		125	81SM6505BG	+0,2d	V795.1		133		
99432717	37,5x8x125,7	V448	17076	125	89SM 6505AG	37x8x132	V795A	18393	133		
	+0,5S	V448N1		125	81SM6505BG	+0,2d	V795.1		133		
	+0,8S	V448N2		125	79HM 6507EA	42x8x113,2	V797	105-35130	136		
98480846	59x11x170	V519	171021	128		+0,2d	V797N		136		
99452179	49x11x170	V520	171022	128	84HM 6505FA	32x8x113,3	V798	105-35506	136		
	47,6x9,5x146,8	V2185		127		+0,2d	V798N		136		
	43x9,5x146,5	V2186		127	86SM 6507AA	40x8x136,5	V801	105-35502	132		
	47,6x9,5x146,8	V2187		127	86SM 6505AD	34x8x133,2	V802	105-35453	132		
	43x9,5x146,5	V2188		127	89BM 6507AA	33x7x104	V803	18365	128		
FORD											
70HM 6507AE	42x8x113,2	V617	7827	137		+0,2d	V803.1		128		
70HM6507BE	+0,2d	V617.1		137		+0,35d	V803N1		128		
70HM6507CE	+0,4d	V617.2		137	85HM 6507FA	42x8x112,3	V865	18230	137		
70HM 6505AF	34,2x8x112,6	V618	7880	137	85HM 6507GA	+0,2d	V865.1		137		
78HM6505BF	+0,2d	V618.1		137	85HM 6507HA	+0,4d	V865.2		137		
78HM6505CF	+0,4d	V618.2		137	85HM 6505AA	34,2x8x111,7	V866	18113	137		
89BM 6507BA	34,5x7x104	V739	18367	128	85HM 6505BA	+0,2d	V866.1		137		
89BM6507CA	+0,2d	V739.1		128	85HM 6505CA	+0,4d	V866.2		137		
	+0,35d	V739N1		128	928M 6507C1A/C2A	26x6x97,1	V895	18329	131		
89BM 6505CA	29x7x104,4	V740	18366	128	948M 6505A2A	24,5x6x96,7	V896	105-35514	131		
089BM6505DA	+0,2d	V740.1		128	928M 6507D1A	32x6x97,1	V903	18330	134		
	+0,35d	V740N1		128	928M 6505D2A	28x6x96,7	V904	18391	134		
	31x7x104,1	V763		136	928M 6507F2A	32x6x97,1	V905	105-35551	135		
	27x7x103,3	V764		136	948M 6505D2A	28x6x96,7	V906	105-35552	135		
80BM 6507DC	38,2x7,9x105,9	V771	105-35315	130	96MM 6507B2A	26x6x97,7	V915	105-35533	128		
80BM6507EC	+0,2d	V771.1		130	96MM 6505B2A	22x6x99,7	V916	105-35534	128		
	+0,3d	V771N		130	97MM 6507B2A	28x6x97,4	V917	181010	130		
					97MM 6505B2A	24x6x99,4	V918	181011	130		
					80BM 6507AC	33x7,9x105,9	V921	105-35312	129		
					80BM 6507BC	+0,2d	V921.1		129		
					95XM 6507AC	33,5x7x112	V923	105-35543	137		

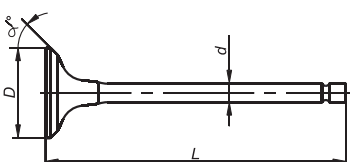
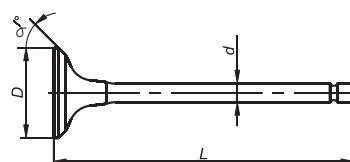
									
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FORD					FORD				
91XM 6505AB	30x7x111,6	V924	18284	137	1143057	28x6x102,4	V1890		137
E7EE 6507B2A	39x8x136,7	V925	18368	134	1760579	27,1x5x96,4	V2045		129
E7EE 6505B2C	34x8x133,9	V926	18369	134	1760588	23,1x5x98,2	V2046		129
95VW 6507AA	39x7x106	V929	39372	135	1755220	30x5x98,8	V2273		132
95VW 6505AA	34,2x7x107	V930	39300	135	1800711	24,9x5x99,7	V2274		132
97MM 6507A2B	26,1x6x97,7	V959	105-35539	129	FORD DIESEL				
98MM 6505A2A	22,1x6x99,7	V960	105-35540	129					
928M 6507E2A	26x6x97,1	V985	105-35549	131	89FF 6507AA	36,5x8x107,1	V613	18374	141
928M 6505C2A	24,5x6x96,7	V986	105-35550	131		+0,1d	V613N		141
1053844	27x6x98,2	V987		132	89FF 6507BA	+0,2d	V613.1		141
1053842	24,5x6x97,7	V988		132	89FF 6507CA	+0,4d	V613.2		141
1S4G 6507CA	30x6x99	V1025	181106	131		+0,5S/+0,6d	V613N1		141
1S6C 6505BA	24,1x6x101,5	V1026	181107	129		+0,5L	V613N8		141
97MM 6507B2B	28,1x6x97,4	V1061	105-35541	130		+0,5L/+0,2d	V613N9		141
98MM 6505B2B	24,1x6x99,4	V1062	105-35542	130	89FF 6505AA	32x8x109,2	V614	18375	141
97MF 6507AA	30x6x96,2	V1063		134		+0,1d	V614N		141
97MF 6505AA	26x6x98,3	V1064		134	89FF 6505BA	+0,2d	V614.1		141
	35x7x105,6	V1081		138	89FF 6505CA	+0,4d	V614.2		141
	31x8x105,5	V1082		138		+0,5S/+0,6d	V614N1		141
1053845	33x6x98	V1105	181012	135		+0,5L	V614N8		141
1053843	28x6x97,7	V1106	181021	135		+0,5L/+0,2d	V614N9		141
98MM 6507C2B	30,1x6x97	V1115	181009	132	84FM 6507AC	34,9x8x107,3	V615	18146	140
022 109 601E	31x6x102,1	V1217	331041	136	84FM 6507BC	+0,2d	V615.1		140
022 109 611C	27x6x136,4	V1218	331042	136	84FM 6507CC	+0,4d	V615.2		140
022 109 601F	31x6x136	V1219		136		+0,5S/+0,6d	V615N1		140
022 109 611B	27x6x102,5	V1220		136	84FM 6505AC	31x8x108,6	V616	3822	140
1151997	28x6x99,5	V1288		129	84FM 6505BC	+0,2d	V616.1		140
722 1531	32x6x114,8	V1311	181026	136	84FM 6505CC	+0,4d	V616.2		140
722 1529	26x6x115,8	V1312	181027	136		+0,5S/+0,6d	V616N1		140
1119205	32,5x5,5x103,4	V1363	181110	136	83EM 6507AA	40,4x8,5x116,2	V785	535129	144
1119204	28x5,5x104,6	V1364	181111	136	78EM 6505AA	33,4x8,5x116,2	V786	535130	144
1207533	26x6x99,7	V1411		129	894F 6507A1B	42x9x124,5	V789	105-35508	144
1113187	22x6x101,8	V1412		129	894F 6505A1B	36,3x9x123,9	V790	105-35509	144
1124378	35x5,5x103,4	V1495	181108	138	83EM 6507BB	42,5x8,5x116	V793	537944	145
1124377	30x5,5x104,6	V1496	181109	138	83EM 6505AB	35,5x8,5x116,3	V794	538210	145
	33,2x5x99,9	V1621		128	028 109 601D	36x7x96,9	V811	39486	140
	28x5x100,5	V1622		128		+0,5S	V811N1		140
1127426	40x6x109,7	V1715		136	028 109 611G	31,4x7x96,9	V812	39487	140
1089830	34x6x109,8	V1716		136		+0,5S	V812N1		140
1144340	35,1x6x109,6	V1837		130	028 109 601H	36x8x96,8	V821	39423	140
1144339	29,7x6x109,8	V1838		130		+0,5S	V821N1		140
F8CZ6505AA	28x6x96,6	V1886		134	046 109 611F	31,5x8x96,9	V822	33380	140
1673829	28,1x6x99,4	V1887		131		+0,5S	V822N1		140
1673827	24,1x6x101,4	V1888		131					
1143059	33,5x6x102,8	V1889		137					

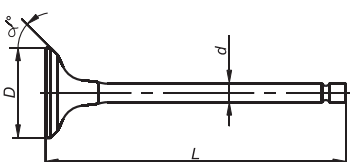
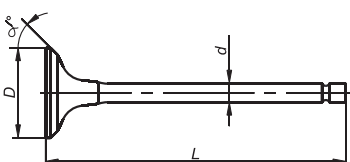
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FORD DIESEL					FORD TRACTOR				
038 109 601B	36x7x90 +0,5S +1,0S	V919 V919N1 V919N3	331033	140 140 140		53,6x10x165 46,6x10x165,3 53,6x10x165	V313 V314 V571	2254 2294 22202	146 146 146
038 109 611B	31,5x7x90 +0,5S +1,0S	V920 V920N1 V920N3	331034	140 140 140	C5NE 6507 A	46,6x10x165,3 45,8x9,5x145,9	V572 V1255	22155	146 145
MD 083 661	40x8x136,5	V943	V 3841	144	C5NE 6505 A	38,4x9,5x145,9	V1256		145
MD 083 662	34x8x136,5	V944	S 3840	144	87802256	47,5x9,5x147	V2275		145
RF01-12-111	41x8x107	V1023	V3639	143	87802258	43x9,5x146,6	V2276		145
RF01-12-121	36x8x106,8	V1024	S3640	143	FSO / DAEWOO				
112 1333	29,7x7x122,2	V1065	181018	143	4207966	35x8x110	V05		146
1121332	25,8x7x122,2	V1066	181019	143	4207968	31,5x8x104,6	V06		146
1113197	36,5x8x107 +0,2d	V1071 V1071.1	181014	141 141	LGH10029	27,7x6x89,6	V1329	105-35474	146
1198044	32x8x108,7 +0,2d	V1072 V1072.1	181015	141 141	LGH10028	24,2x6x90	V1330	105-35475	146
V94DD 6507AA	40,2x8x121	V1167	4077	144	FSO / DAEWOO DIESEL				
V94DD 6505AA	34x8x121	V1168	4078	144	93510774	33x8x111,9 +0,5S +1,0S	V710 V710N1 V710N3	537450	147 147 147
1231931	29,8x6x105	V1179	531021	142	93510415	38,5x8x112,4 +0,5S +1,0S	V721 V721N1 V721N3	531005	147 147 147
1231930	25x6x105	V1180	531022	142	GANZ MAVAG				
1145933	32,8x5,5x97,3	V1205	181102	139	3 - 90573	84x18x257,5	V501		147
1145932	30,3x5,5x97,3	V1206	181103	139	3 - 90572	70x18x257,5	V502		147
0948.C0	29,9x6x106,2	V1313	531017	142	GAZ				
0949.A9	25x6x106,1	V1314	531018	142	2401007015B6	42x11x158	V1052		147
13201-43G01	43,5x6x117	V1343	V3851	145	2401007014B4	48x11x158	V1053		147
13202-31N01	38x8x117	V1344	S3852	145	G.M.C. (U.S.A.)				
1096250	31,3x7x122,2	V1361	181016	143	12575793	35,1x6x102,3	V1069	291109	147
1096248	27,8x7x122,2	V1362	181017	143	24454518	30,1x6x100,9 37x6x105,4 30,5x6x107,8	V1070 V2229 V2230	291110	147 148 148
46518930	21,7x6x109,2	V1413		139	12568411	44,7x8x118,9	V2277		148
46518931	21,7x6x109,2	V1414		139	12568412	36,1x8x120,8	V2278		148
1229882	25,6x5,5x96,4	V1493	539009	139	12601763	38,6x6x105,8	V2279		148
1229883	23,4x5,5x96,6	V1494	539010	139	12601762	33,5x6x107,9	V2280		148
3595890	32,7x7x112	V1515		145	12590771	55x8x123,9	V2281		148
3595885	35,6x7x111,8	V1516		145	12582719	40,4x8x124,7	V2282		148
0948.E5	27,2x6x95,8	V1723		142					
0949.E1	25x6x95	V1724		142					
038 109 611F	31,5x7x89,5	V1832		140					
FROM 2011	22,45x6x109,2	V1873		139					
FROM 2011	22,5x6x109,2	V1874		139					
1685847	30,1x5,5x95,5	V2015		139					
1685845	27,4x5,5x95,5	V2016		139					
1449108	31x6x112	V2047		144					
1449109	28x6x112	V2048		144					
1683701	27,25x6x104,5	V2051		142					

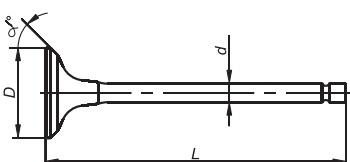
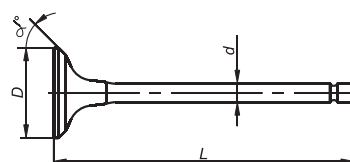
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G.M.C. (U.S.A. DETROIT DIESEL)						HILLMAN					
5195167	30x8x140,5	V417		148		1218394	36,4x8x118,4	V557	105-03081		151
K9319735	63,5x15,8x268	V434		149		1218383	29,8x8x118,4	V558	105-03290		151
5106136	35x8x140,5	V462		148		71262713	38x7,9x109,8	V559	105-35341		152
8928729	45,7x9,5x184,8	V464		149		71250985	31,2x7,9x109,8	V560	105-34741		152
23502345	45,7x8,6x191,6	V465		149		71262714	V559+0,075d	V561			152
5193197	40,3x8,7x163,7	V494		149		71250986	V560+0,075d	V562			152
5125917	27,8x6,3x141	V548		148		71262715	V559+0,38d	V563			152
23518745	44x8,7x216,9	V2267		149		71250987	V560+0,38d	V564			152
23519093	39x8,7x216,4	V2268		149		71262716	V559+0,76d	V565			152
471 050 0 426	45,2x9,5x240	V2269		149		71250988	V560+0,76d	V566			152
471 050 0 527	43,5x9,5x246,6	V2270		149		1235104	38,2x7,9x118,4	V813			153
472 050 0 126	47,2x9,5x240	V2271		149		1235105	30,6x7,9x118,4	V814			153
473 050 0 127	45,1x9,5x246,6	V2272		149		HONDA					
HANOMAG						14711—PT2—000	34x6,6x103,7	V897			155
	36x10x140,5	V169	1604	150		14721—PT2—000	29x6,6x102,7	V898			155
	+1,0S	V490N3		150		14711—PG6—000	30x6,6x105,5	V1015	V3436		155
	43x10x150	V297	16008	150		14721—PG6—000	27x6,6x104,6	V1016	S4276		155
403 053 0901	59x12x142,5	V298	1606	151		14711—PT3—A00	34x5,5x112,1	V1435	V4279		157
	+1,0S	V298N3		151		14721—PT3—A00	29x5,5x123,5	V1436	V4280		157
403 050 1027	51x12x142,5	V299	1608	151		14711—P07—000	27,4x5,5x120	V1497			153
	+1,0S	V299N3		151		14721—P07—000	23,4x5,5x117,5	V1498			153
	54x10x150	V301	1659	150		14711—P0A—000	34x5,5x116	V1499			156
423 050 0026	59x12x142,5	V311	1606	151		14721—P0A—000	29x5,5x114,2	V1500			156
	+1,0S	V298N3		151		14711—P13—000	35x5,5x106,7	V1501			157
423 050 0427	51x12x142,5	V312	1608	151		14721—P13—000	30x5,5x106,9	V1502			157
	+1,0S	V299N3		151		14711—P08—000	30x5,5x118,7	V1503			155
442 050 0026	59x12x142,5	V466	16117	151		14721—P08—000	26x5,5x116	V1504			155
	+0,5S	V466N1		151		14711—PM3—000	29x5,5x115	V1529	V3816		154
	+1,0S	V466N3		151		14721—PM3—000	24,9x5,5x118,7	V1530	S3817		154
422 050 0027	51x12x142,5	V467	16116	151		14711—PR3—000	33x5,5x102,3	V1641			155
	+0,5S	V467N1		151		14721—PR3—000	27,9x5,5x102,3	V1642			155
	+1,0S	V467N3		151		14711—PNA—000	35x5,5x109,1	V1665			158
	36x10x140,5	V488	16122	150		14721—PNA—000	29,9x5,5x108,5	V1666			158
	42,8x9x140,5	V489	16109	150		14711—RNA—000	32x5,5x116,7	V1682			156
	+1,0S	V489N3		150		14711—PWA—000	32x5,5x118,3	V1717			153
	36x10x140,5	V490	16106	150		14721—PWA—000	28x5,5x118	V1718			153
	+1,0S	V490N3		150		14711—P75A00	31x6,6x105,6	V1891	721001		156
	44x9x140,5	V505	16136	150		14721—P75A00	28x6,6x106	V1892	721002		156
	+1,0S	V505N3		150		14711—RB0—000	28x5,5x118,9	V2059			153
	33,2x10x131	V652	2696	149		14721—RB0—000	23x5,5x117,6	V2060			153
	+1,0S	V652N3		149		14711—R60—U00	33x5,5x117,9	V2061			156
	38,8x10x131,5	V857	2641	149		14721—P2A—U00	26x5,5x115,9	V2062			156
	+1,0S	V857N3		149		14711—P8E—A00	35x5,5x116	V2283			158
	44x9x140,5	V931	1637	150		14721—P8E—A00	30x5,5x114,2	V2284			158
	+1,0S	V505N3		150		14711—PCX000	35,9x5,5x109,7	V2285			157
						14721—PCX000	31x5,5x108,7	V2286			157
						14711—R40—A00	36x5,5x108,7	V2287			158

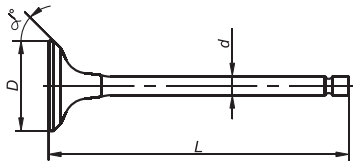
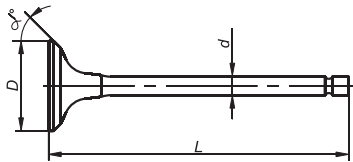
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HONDA DIESEL					HYUNDAI DIESEL				
0949.73	33x8x111,9 +0,5S	V710	537450	159	22212-29000	33x8x111,9 +0,5S	V710	537450	164
	+1,0S	V710N1		159		+1,0S	V710N1		164
0948.59	38,5x8x112,4 +0,5S	V721	531005	159	22211-29000	38,5x8x112,4 +0,5S	V721	531005	164
	+1,0S	V721N1		159		+1,0S	V721N1		164
14711- PLZ- D00	27,4x6x98,5	V977	291030	159	MD 083661	40x8x136,5	V943	V3841	165
14721- PLZ- D00	26,5x6x98,1	V978	291031	159	MD 083662	34x8x136,5	V944	S3840	165
14711 - P5T- G01	37,2x7x86,7	V1333	801005	159	22211-42200	42x8x136,1	V1213		165
14721 - P5T- G01	32,5x7x86,7	V1334	801006	159	22212-42200	36x8x136,1	V1214		165
14711- RBD- E00	28x5,5x100,7	V1719		159	22211-27000	28,5x6x95,7	V1395		164
14721- RBD- E00	26x5,5x100,4	V1720		159	22212-27000	24,4x6x95,4	V1396		164
14711- RLO- G00	27,9x5,5x98,9	V2063		159	22211-42520	40x8x130,1	V1405	821000	166
14721- RLO- G50	26x5,5x98,9	V2064		159	22212-42520	34x8x129,9	V1406	821001	166
HYUNDAI					IKARUS				
22211-33000	34x6,5x109,6	V927	761003	162	OK0551 - 12111A	34x7x126,2	V1659		166
22212-33000	30,5x6,5x109,6	V928	761004	162	OK0551 - 12121A	31,5x7x126,1	V1660		166
22211-22003	27,5x6x99	V1041	761010	160	22211-2A100	26,1x5,5x93,1	V1741		163
22212-22011	32x6x98,4	V1042	761011	160	22212- 2A100	21x5,5x93,7	V1742		163
22211-21010	34x6,6x102,1	V1145	V3142	160	22211-4A061	31,7x7x110,5	V1845		165
22212-21004	30x6,6x100,9	V1146	S3143	160	22212-4A061	28x7x110,5	V1846		165
22211-23000	32x6x102,3	V1159		162	22211-2F000	29x6x108,5	V2069		164
22212-23000	27,5x6x104,7	V1160		162	22212-2F000	26x6x108,3	V2070		164
22211-26600	29,1x6x91,9	V1507		161	IMR				
22212-26000	25x6x92,4	V1508		161	702 730	39x8x114,4	V07		167
22211-02500	23x5,4x100,3	V1509	761001	160		+0,3S	V07N		167
22212-02500	27,1x5,4x100,1	V1510	761002	160		+0,5S	V07N1		167
	31x6,6x100,9	V1619	V4324	161		+1,2D	V07N2		167
	33x6,6x101	V1620	S3374	161		+0,8S	V07N3		167
22211-37201	32x6x96,2	V1657		163		+1,0S	V07N4		167
22212-37200	27,5x6x97,3	V1658		163		+2,0S	V07N5		167
22211-23600	32x6x114,4	V1735		162					
22212-23600	27,5x6x116,7	V1736		162					
22211-23100	30x6x102,9	V1737		161					
22212-23100	25,5x6x105,3	V1738		161					
22211-2B000	31,5x5,5x93,2	V1739		161					
22212-2B000	26x5,5x92,6	V1740		161					
22211-02200	23,5x5,5x99,6	V1751		160					
22212-02200	27x5,5x99	V1752		160					
22211-03200	26,7x5,5x101,15	V1893		160					
22212-03200	24,2x5,5x101,4	V1894		160					
22211-04000	26,8x5,5x93	V2065		160					
22212-04000	24,1x5,5x93,4	V2066		160					
22211-2G000	35x5,5x113,3	V2067		163					
22212-25002	29x5,5x106	V2068		163					

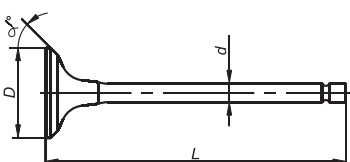
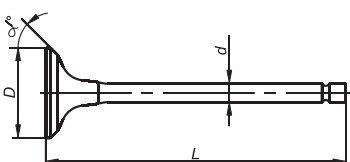
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IMR					IMR				
702 731	33,4x8x114,4	V08		167	732 916	36,6x9,5x123,3	V577		168
	+0,3S	V08N		167		+0,3S	V200N		168
	+0,5S	V08N1		167		+0,5S	V200N1		168
	+1,2D	V08N2		167		+0,8S	V200N2		168
	+0,8S	V08N3		167		+1,2S	V200N3		168
	+1,0S	V08N4		167		+0,5S/+0,2d	V200N5		168
	+2,0S	V08N5		167		+0,5d	V200N6		168
701 440	44,3x9,5x122,9	V199		168		+0,2d	V200N7		168
	+0,3S	V199N		168		+1,2S/+0,5d	V200N9		168
	+0,5S	V199N1		168	INNOCENTI				
	+0,8S	V199N2		168	4 239 917	36x8x108,5	V152	17002	169
	+1,2S	V199N3		168	4 315 062	31x8x109	V153	17001	169
	+0,5S/+0,2d	V199N5		168	4 265 695	29x7x95,3	V257	17004	169
	+0,5d	V199N6		168	4 266 321	26x7x95,7	V258	17021	169
	+0,2d	V199N7		168	7 609 772	37,5x8x108,5	V411	17073	169
	+1,2S/+0,5d	V199N9		168	13711-87701	36x7x101,6	V1141	V3573	169
717 664	36,6x9,5x123,3	V200		168	13715-87701	33x7x101,6	V1142	S3574	169
	+0,3S	V200N		168	INNOCENTI DIESEL				
	+0,5S	V200N1		168	5 990 532	37,5x8x116,8	V733	17065	170
	+0,8S	V200N2		168	5 990 533	33,5x8x117	V734	17079	170
	+1,2S	V200N3		168	13711-87706	34x7x105	V1305		170
	+0,5S/+0,2d	V200N5		168	13715-87705	30x7x105	V1306		170
	+0,5d	V200N6		168	13711-87704	36x7x105	V1347	V3577	170
	+0,2d	V200N7		168	13715-87703	32x7x105	V1348	S3578	170
	+1,2S/+0,5d	V200N9		168	INTERNATIONAL HARVESTER CASE (CNH)				
719 407	43x8x114,9	V261		169	795 730 R1	44,3x9,5x122,9	V199		171
719 408	36x8x114,8	V262		169		+0,3S	V199N		171
717 506	39x8x114,3	V263		167		+0,5S	V199N1		171
	+0,3S	V263N		167		+0,8S	V199N2		171
	+0,5S	V263N1		167		+1,2S	V199N3		171
	+0,8S	V263N2		167		+0,5S/+0,2d	V199N5		171
	+1,0S	V263N3		167		+0,5d	V199N6		171
717 505	33,4x8x114,3	V264		167		+0,2d	V199N7		171
	+0,3S	V264N		167		+1,2S/+0,5d	V199N9		171
	+0,5S	V264N1		167	795 729 R1	36,6x9,5x123,3	V200		171
	+0,8S	V264N2		167		+0,3S	V200N		171
	+1,0S	V264N3		167		+0,5S	V200N1		171
732 917	44,3x9,5x122,9	V576		168		+0,8S	V200N2		171
	+0,3S	V199N		168		+1,2S	V200N3		171
	+0,5S	V199N1		168		+0,5S/+0,2d	V200N5		171
	+0,8S	V199N2		168		+0,5d	V200N6		171
	+1,2S	V199N3		168		+0,2d	V200N7		171
	+0,5S/+0,2d	V199N5		168		+1,2S/+0,5d	V200N9		171
	+0,5d	V199N6		168		+0,3S	V200N		171
	+0,2d	V199N7		168		+0,5S	V200N1		171
	+1,2S/+0,5d	V199N9		168		+0,8S	V200N2		171
						+1,2S	V200N3		171
						+0,5S/+0,2d	V200N5		171
						+0,5d	V200N6		171
						+0,2d	V200N7		171
						+1,2S/+0,5d	V200N9		171

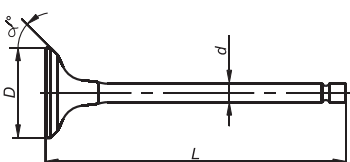
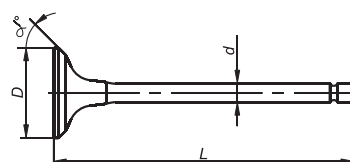
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INTERNATIONAL HARWESTER CASE (CNH)					INTERNATIONAL HARWESTER CASE (CNH)				
682 952 C1	43,3x11x187	V328		174		44,2x9,5x122,8	V1941	105-35608	172
685 278 C1	43,3x11x187	V329	105-03366	174		42,1x9x145	V1942	16205	173
	44,3x9,5x122,9	V343	105-03365	171		+1,0S	V1942N3		173
	+0,075d	V343.1		171	3055055R2	43x10x146	V1977	648207	170
	+0,4d	V343.2		171	3055056R2	41x10x146	V1978	648208	170
	+0,3S	V343N		171	1823875C2	45,4x9,4x152,2	V2289		173
	+0,5S	V343N1		171	1824840C1	45,4x9,4x152,3	V2290		173
	+0,8S	V343N2		171	1818580C1	50x8x147,1	V2291		173
	+1,2S	V343N3		171	1824838C1	45,4x8x152,3	V2292		173
	+0,5S/+0,2d	V343N5		171	8C3Z6507A	34x7x130,4	V2293		173
	+0,5d	V343N6		171	8C3Z6505A	29,5x7x130,5	V2294		173
	+0,2d	V343N7		171	1839968C1	39,8x7,9x147,9	V2295		173
	+1,2S/+0,5d	V343N9		171	1842145C2	36,5x7,9x147,6	V2296		173
	36,6x9,5x123,3	V344	105-03366	171	ISUZU				
	+0,075d	V344.1		171	641 022	32x6x102,1	V511	29375	174
	+0,4d	V344.2		171	641 325	29x6x92,2	V512	29354	174
	+0,3S	V344N		171		34x6x99	V1373		174
	+0,5S	V344N1		171		30x6x100,5	V1374		174
	+0,8S	V344N2		171	8943958822	37x8x130,6	V2297		174
	+1,2S	V344N3		171	8972098763	37x8x130,2	V2298		174
	+0,5S/+0,2d	V344N5		171	8973096751	33x7x107,5	V2299		174
	+0,5d	V344N6		171	8973096771	30x7x107,5	V2300		174
	+0,2d	V344N7		171	ISUZU DIESEL				
	+1,2S/+0,5d	V344N9		171	8-94326-843-0	34,6x7x104,1	V671	V 3333	174
	43x8x133	V384	22001	173	8-94110-017-3	30,6x7x104	V672	V 3334	174
	+0,3S	V384N		173	9-94464-921-0	40,1x8x118,1	V1191	V 3825	175
	+0,5S	V384N1		173	9-94433-245-0	35,7x8x118,1	V1192	V3226	175
	+0,8S	V384N2		173	13201-43G01	43,5x8x117	V1343	V3851	175
	37x8x133	V385	2293	173	13202-31N01	38x8x117	V1344	S3852	175
	+0,3S	V385N		173	641049	34x6x103,8	V1649		175
	+0,5S	V385N1		173	641360	29x6x103,5	V1650		175
	+0,8S	V385N2		173	8-97137-154-0	33x7x98,2	V1895		175
675 406 C2	50,1x9,5x147	V529	V3053X	173	8-97137-155-1	33x7x98,1	V1896		175
676 865 C2	40,6x9,5x147	V530	AS3052	173	8-97309-675-1	33x7x107,6	V2005		175
	43x8x133	V569	22199	173	8-97309-677-1	30x7x107,6	V2006		175
	37x8x133	V570	22165	173	8971317290	42,1x8x117,6	V2365		175
	43x8x133	V649	22200	173	8970438612	35,7x8x117,6	V2366		175
	45,5x9x145	V1043	160054	173	1125510304	48x10x159	V2367		176
	+1,0S	V1043N3		173	1125520630	46,1x10x131,9	V2368		176
	41x9x145	V1044	160055	173					
	+1,0S	V1044N3		173					
	45x8x133	V1048	22306	173					
	17x8x87	V1068		173					
	+0,2d	V1068N		173					

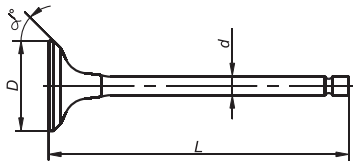
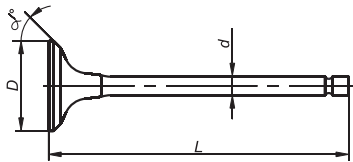
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IVECO					IVECO				
8 824 754	48,4x8x137,7 +0,5S	V225 V225N1	17070	183	99 432 837	35,9x8x122 +1,0S	V681 V681N3	171055	177
8 830 045	40,8x8x137,7 +0,5S	V226 V226N1	17072	183	4 733 349	32,9x8x122	V966	17032	176
8 823 545	42,9x8x137,7	V228	17044	182	504069199	30x6x120,4	V1237		176
8 823 549	36,4x8x137,8	V229	17045	182	500362856	30x6x120,4	V1238		176
4 659 379	43,9x8x125,8 +0,3S	V321 V321N	17042	178	4 895 052	33x7x124,7 +0,5S	V1297 V1297N1		180
	+0,5S	V321N1		178		+0,8S	V1297N2		180
	+1,0S	V321N2		178		+0,2d	V1297N5		180
	+1,5S	V321N4		178	4 895 051	33x7x124,3	V1298		180
4 673 608	36,9x8x125,6 +0,3S	V322 V322N	17043	178		+0,5S	V1298N1		180
	+0,5S	V322N1		178		+0,8S	V1298N2		180
	+1,0S	V322N2		178	500355778	47x10x199,2	V1443	171111	185
	+1,5S	V322N4		178	500355780	46x10x197,9	V1444		185
7 301 820	41x8x120,7 +1,0S	V326 V326N3	17062	176	4 849 522	57,5x11x171	V1481		186
7 301 821	34,4x8x122 +1,0S	V327 V327N3	17063	176	4 673 862	57,5x11x170	V1521	438317	186
99 432 652	45,5x8x125,7 +0,5S	V447 V447N1	17075	180	4 673 861	48x11x170	V1522	438319	186
	+0,8S	V447N2		180	99456803	40x8x174,5	V1531	171070	184
99 432 717	37,5x8x125,7 +0,5S	V448 V448N1	17076	180	99457210	39x8x173,3	V1532	171071	184
	+0,8S	V448N2		180	504042366	43x9x202,9	V1533	171072	185
4 813 760	41x8x122 +0,5S	V470 V470N1	17080	177	504042367	42x9x201,6	V1534	171073	185
	+1,0S	V470N3		177	98497235	46x9x141,2	V1535	171019	182
7 303 309	34,5x8x122 +0,5S	V471 V471N1	17081	177	99433902	38,3x9x141,2	V1536	171020	182
	+1,0S	V471N3		177	98448462	47x9x142	V1695	171017	182
98 480 846	59x11x170	V519	171021	186	99438924	42,5x9x142,3	V1696	171018	182
99 452 179	49x11x170	V520	171022	186	504072531	32,4x6x119,9	V1697		179
4 895 187	45x8x129,1 +0,2d	V527 V527N5		182	504081062	32,4x6x119,9	V1698		179
	+0,4d	V527N6		182	4 757 358	41x8x121,9	V1885	17062	176
4 895 188	42x8x129,1 +0,2d	V528 V528N5		182	61320722	49,5x9x147,3	V1965	17165	184
	+0,4d	V528N6		182	61321255	43x9x146	V1966	171121	184
4 797 715	51,5x10x156,7	V537	17077	186		46x9x141	V2161		182
4 704 215	45x10x156,6	V538	17051	186		38,3x9x141	V2162		182
98 468 338	43,5x8x122 +1,0S	V679 V679N3	171015	177	4 899 632	42x8x130,5 +0,2d	V2304 V2304N5		182
98 418 161	36,5x8x122 +1,0S	V680 V680N3	171016	177		+0,4d	V2304N6		182
ЯМЗ (JaMZ) – JAROSLAVSKI MOTORNI ZAVOD									
					236-1007010-52	60x12x156,1	V1283		186
					236-1007015-55	48x12x155,6	V1284		186
						51,5x10x160,7 +0,3d	V1441 V1441.1		186
						46,3x10x160,7 +0,3d	V1442 V1442.1		186

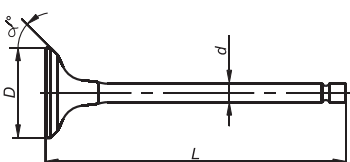
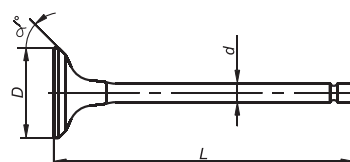
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JAGUAR					JOHN DEERE				
XR822776	35x5,5x92,5	V2301		187	R50 357	43,6x9,45x157,7	V532		191
AJ810106	30x5,5x91,7	V2302		187		+0,08d	V532.1		191
JAGUAR DIESEL						+0,2d	V532N		191
0948.E5	27,2x6x95,8	V1723		187		+0,4d	V532N1		191
0949.E1	25x6x95	V1724		187	R84 618	51x9,45x154	V532N2		191
JEEP						+0,25d	V843		192
53020747AB	48,7x7x113,8	V1397		187		+0,5d	V843N		192
53020748	37x7x115,4	V1398		187	R84 619	47x9,45x157	V843N1		192
33003515	48,5x8x124,7	V1445		187		+0,25d	V844		192
33003860R	38,1x8x125,5	V1446		187		+0,5d	V844N		192
53010512AA	48,5x8x124,7	V1667		187		51,6x11x168,7	V844N1		192
53010513AA	38x8x125,5	V1668		187	R43 883	47,6x11x169	V845		192
0948F2	35x5,5x113,2	V2253		187	R43 679	48,3x9,45x156,3	V846		192
0949E7	29x5,5x105,8	V2254		187	R43 914	43,6x9,45x155,9	V871		191
53021550AA	50,8x8x125,2	V2255		187	R43 914	44,5x9,45x155,7	V872		191
53021551AA	39,4x8x123,1	V2256		187	R44 174	48,3x9,45x158,6	V873		192
JEEP DIESEL					R44 175	43,6x9,45x158,3	V875		192
7701 462 232	40,2x8x111,6	V863		188	R44 175	43,6x9,45x158,3	V876		192
7701 461 339	33,3x8x111,6	V864		188	CDX 0881	45x9,5x131	V1295	4245	189
3143 1491	40,5x8x114,6	V877	2048	189		+0,5S	V1295N1		189
3142 A031	35,5x8x114,5	V878	2049	189	CDX 0634A	40x9,5x131	V1295N5		189
05073735	30,1x7x104	V1055		188		+0,2d	V1296	4246	189
05073737	28,4x7x104,4	V1056		188	R 518 806	+0,5S	V1296N1		189
04720146	40,2x8x121	V1167	4077	189	R 524 875	+0,2d	V1296N5		189
04720148	34x8x121	V1168	4078	189	R 122 035	37x7x135,7	V2221		192
68001582AA	29,2x6x87,8	V1607	331121	188	R 502 875	35,9x7x135,5	V2222		192
68001583AA	25,4x6x87,5	V1608	331122	188	R 122 035	46,5x9x196	V2303		192
05066770AA	32,4x6x109	V1645		189	R 502 454	37x7x123,6	V2305		190
05066769AA	30,9x6x108,3	V1646		189	R 502 455	34x7x122	V2306		190
05175396AA	28,5x6x102,3	V1743		188	R 520 223	40x8x162,4	V2307		192
05175397AA	25,4x6x102,3	V1744		188	R 520 224	40x8x162,4	V2308		192
K68027469AA	31,8x6x107,6	V1745		189	KIA				
K68027470AA	29,2x6x107,8	V1746		189	22211-33000	34x6,5x109,6	V927	761003	195
JOHN DEERE					22212-33000	30,5x6,5x109,6	V928	761004	195
R50 358	43,6x9,45x157,3	V531		191	OB657-12111	31x6x105,4	V1143		193
	+0,08d	V531.1		191	OK938-12121	26,2x6x105,4	V1144		193
	+0,2d	V531N		191	OK2NC-12111	29,2x5,5x96,2	V1239		194
	+0,4d	V531N1		191	OK2NC-12121	25,8x5,5x95	V1240		194
	+0,5d	V531N2		191	OK247 12111	31,5x6x102,9	V1385		194
					OK247 12121	27x6x101,5	V1386		194
					22211-26600	29,1x6x91,9	V1507		194
					22212-26000	25x6x92,4	V1508		194
					OK-30E-12111	27,8x5,5x96,4	V1601		193
					OK-30E-12121	24,9x5,5x95,5	V1602		193
					22211-37201	32x6x96,2	V1657		195

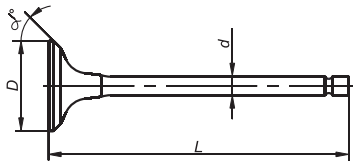
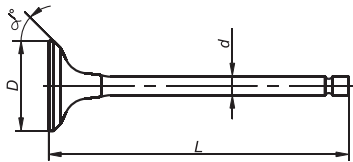
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22212-37200	27,5x6x97,3	V1658		195		22212-4A000	28x7x110,5	V1754		197	
22211-23600	32x6x114,4	V1735		195		22211-4A061	31,7x7x110,5	V1845		197	
22212-23600	27,5x6x116,7	V1736		195		22212-4A061	28x7x110,5	V1846		197	
22211-2B000	31,5x5,5x93,2	V1739		194		22211-2F000	29x6x108,5	V2069		197	
22212-2B000	26x5,5x92,6	V1740		194		22212-2F000	26x6x108,3	V2070		197	
OK30C-12111	37,1x6,5x105,1	V1747		193		22211-41001	44x8,9x136,8	V2317		198	
OK30C-12121	31,6x6,5x103,4	V1748		193		22212-45000	37,1x8,9x136,9	V2318		198	
OK9BV-12111A	31,5x6x89,8	V1749		195		KLOECKNER-HUMBOLDT DEUTZ					
OK9BV-12121	27,6x6x90,1	V1750		195		335 8980	44,6x10x170	V09	2244	207	
22211-02200	23,5x5,5x99,6	V1751		193		335 8981	41,6x10x170	V10	2236	207	
22212-02200	27x5,5x99	V1752		193		336 9307	44,6x12x170	V41	2273	207	
MB30112111	32x7x105,3	V1851		193		336 9308	41,6x12x170	V42	2274	207	
KK15012121	28x7x104,2	V1852		193		415 3773	43x8x133	V216	2282	200	
22211-03000	26,7x5,5x101,15	V1893		193			+0,3S	V384N		200	
22212-03000	24,2x5,5x101,4	V1894		193			+0,5S	V384N1		200	
K95412111	33,7x6x103,4	V1897		194			+0,8S	V384N2		200	
K01312121	28,9x6x104	V1898		194		337 1762	37x8x133	V217	2293	200	
K930-12111	38x7x103,7	V1899		195			+0,3S	V385N		200	
K930-12121	32x7x102,8	V1900		195			+0,5S	V385N1		200	
22211-04000	26,8x5,5x93	V2065		193			+0,8S	V385N2		200	
22212-04000	24,1x5,5x93,4	V2066		193		414 6226	53,6x10x165	V313	2254	208	
22211-2G000	35x5,5x113,3	V2067		195		241 2165	46,6x10x165,3	V314	2294	208	
22212-25002	29x5,5x106	V2068		195		214 8907	46,6x10x165,3	V314A	22105	209	
22211-35520	34,9x6,5x106,3	V2311		196		415 3629	43x8x133	V384	22001	201	
22212-35500	30,5x6,5x105,5	V2312		196			+0,3S	V384N		201	
22211-3E000	33,1x6x110,4	V2313		195			+0,5S	V384N1		201	
22212-3E000	27,5x6x111,5	V2314		195			+0,8S	V384N2		201	
22211-3C100	36,1x5,5x105,3	V2315		196		415 3631	43x8x133	V384A		202	
22212-3C100	31x5,5x105,5	V2316		196			+0,3S	V384N		202	
KIA DIESEL							+0,5S	V384N1		202	
RF01-12-111	41x8x107	V1023	V3639	197			+0,8S	V384N2		202	
RF01-12-121	36x8x106,8	V1024	S3640	197		415 3696	37x8x133	V385	2293	201	
22211-27000	28,5x6x95,7	V1395		197			+0,3S	V385N		201	
22212-27000	24,4x6x95,4	V1396		197			+0,5S	V385N1		201	
22211-42520	40x8x130,1	V1405	821000	198			+0,8S	V385N2		201	
22212-42520	34x8x129,9	V1406	821001	198		415 3697	37x8x133	V385A	2256	202	
OK054-12111	39,4x8x106,8	V1511		197			+0,3S	V385N		202	
OK054-12121	35,1x8x106,7	V1512		197			+0,5S	V385N1		202	
OK05511-2111A	34x7x126,2	V1659	751001	198			+0,8S	V385N2		202	
OK05511-2121A	31,5x7x126,1	V1660	751002	198		415 9136	43x8x133	V569	22199	204	
	44x8,5x112,7	V1671		198		415 9137	37x8x133	V570	22165	203	
	37,3x8,5x112,8	V1672		198		418 5770	53,6x10x165	V571	22202	210	
22211-2A100	26,1x5,5x93,1	V1741		196		418 5461	46,6x10x165,3	V572	22155	210	
22212-2A100	21x5,5x93,7	V1742		196		418 5463	53,6x10x165,8	V578	22183	210	
22211-4A000	31,7x7x110,5	V1753		197		418 5462	56,6x10x165,5	V610	22182	211	

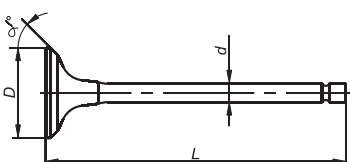
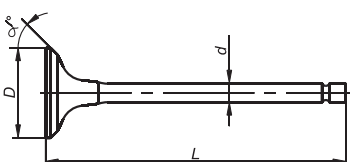
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423 0567	43x8x133	V650	22163	203	489298 144	65x14x206	V504		212
415 9140	43x8x133	V677	22162	204	KUBOTA				
242 5052	53,6x10x165,7	V804		209	LADA				
415 3455	43x8x133	V807	22104	202		32,9x8x100,9	V1677		213
423 1479	45x8x133	V1048	22306	201		26,8x8x101	V1678		213
0417 0898	40,1x8x124,7	V1261	22149	198	1689613110	33,4x8x102,3	V2181		213
	+0,2d	V1261N		198	1689613120	28,5x8x102,2	V2182		213
0417 0899	34,9x8x124,7	V1262	22150	198		26x6x76,8	V2215		213
	+0,2d	V1262N		198		22,5x6x76,8	V2216		213
0417 0491	40,5x8x124,9	V1375	22143	199	1C01013113	30,9x7x101,2	V2319		213
	+0,2d	V1375N		199	1C01013122	34x8x112,5	V2320		213
0420 8095	41,7x8x124,7	V1399	22244	199	1G67313110	31x7x89,7	V2321		213
0420 8096	35,9x8x124,7	V1400	22247	199	1G67313120	27,5x7x89,8	V2322		213
0428 0350	41,1x8x124,6	V1447		198	LADA DIESEL				
	0,2d	V1447N5		198	2101-1007010	37x8x113	V223	105-34631	213
0428 0049	35,4x8x124,6	V1448		198	2101-1007012	31,5x8x113	V224	105-34632	213
	+0,2d	V1448N5		198	21081-1007010	35x8x104	V457	17090	214
0420 4014	48x9x139	V1525	22221	205	2108-1007012	31,5x8x104	V458	17092	214
0420 4015	42x9x139	V1526	22220	205	2108-1007010	37x8x104	V770	17091	214
422 6413	46x8x133	V1631	22209	211	642 758	33x7x105	V835	29185	214
422 6412	42x8x133	V1632	22210	211	642 858	29x7x105	V836	29186	214
0425 4934	41,7x8x119,5	V1823	22302	201	2112-1007010	29,3x7x96,2	V1049		214
0425 4285	35,9x8x119,5	V1824	22305	201	2112-1007012	25,5x7x97,2	V1050		214
0490 0685	38,2x8x145,7	V1825		206	LADA DIESEL				
0490 0686	35,9x8x145,7	V1826		206	0949.73	33x8x111,9	V710	537 450	215
0425 4232	34,7x8x114,1	V1935	22304	200		+0,5S	V710N1		215
0425 4233	33,4x8x157	V1936	22301	200		+1,0S	V710N3		215
	42x9x117,2	V1937		204	0948.59	38,5x8x112,4	V721	531 005	215
1215 9602	38x9x117	V1938		204		+0,5S	V721N1		215
0428 5985	44,5x8x121,2	V1971	22307	201		+1,0S	V721N3		215
0428 5986	38,8x8x121,2	V1972	22308	201	0948.63	38,5x8x112,4	V721A	537 708	215
0412 2261	42x8x116,3	V2073	22319	200		+0,5S	V721N1		215
0412 2262	35x8x116,3	V2074	22320	200		+1,0S	V721N3		215
0428 4042	41,7x8x121,2	V2075	22325	201	0949.60	33x8x111,9	V722	537 747	215
0428 4043	35,9x8x121,2	V2076	22323	201		+0,5S	V722N1		215
0450 0651	34,4x8x148,2	V2077	22312	204		+1,0S	V722N3		215
0450 1941	33,2x8x147,9	V2078	22313	204	0948.74	37x7x108,5	V1089	537 627	214
0428 3708	48x9x135,5	V2079	22314	206		+0,5S	V1089N1		214
0428 3709	42x9x135,5	V2080	22315	206	0949.80	31,5x7x108,2	V1090	537 628	214
0490 5791	38,2x8x145,8	V2081	22318	206		+0,5S	V1090N1		214
4131597	41,5x8x112,4	V2309		200		+1,0S			214
4131598	35,4x8x112,1	V2310		200					214
KOMATSU									
6127-41 4113	56,2x11x212,5	V517		212					
6127-41 4214	53,1x11x212,5	V518		212					

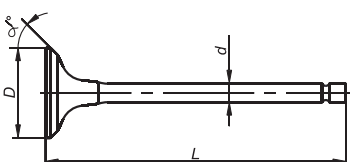
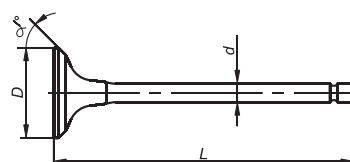
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4 460 697	36x8x108,5	V152	17002	223	55200422	28x5x100,5	V1622		218
4 314 869	31x8x109	V153	17001	218	55225886	26,8x6x95,2	V2021		218
4 265 695	29x7x95,3	V257	17004	215	55225887	23x6x94,9	V2022		218
4 377 979	26x7x95,7	V258	17021	215	55229666	30,15x5x95,5	V2023		218
7 609 772	37,5x8x108,5	V411	17073	218	55231897	25,4x5x95,3	V2024		218
5 973 128	31x8x109	V412	17001	218	LANCIA DIESEL				
5 973 129	33,2x8x109	V506	17024	223					
7 574 379	34,4x7x128	V705	17082	220					
7 598 073	28,5x7x125,7	V706	17083	220					
7 712 114	30,3x7x110,4	V727	171034	219					
46 413 334	35,5x7x110,4	V728	171033	219					
7 766 564	33,5x7x113	V729	171006	220					
7 766 565	28x7x108,4	V730	171004	220					
7 666 228	30,4x7x97,1	V731	17054	216					
7 666 227	27,5x7x97,2	V732	17055	216					
7 617 500	39,5x8x108,5	V735	17089	224	7 301 820	41x8x120,7	V326	17062	228
46 462 158	30,3x7x102,5	V825	171036	219		+1,0S	V326N3		228
46 462 159	29,8x7x102,8	V826	171043	219	7 302 157	34,4x8x122	V327	17064	228
91 540 748	34,6x7x106,4	V909	537131	222		+1,0S	V327N3		228
91 540 782	29,6x7x105,7	V910	537132	222	7 547 158	37,5x8x116,5	V707	17060	227
7 547 400	43,5x8x105,6	V945	17056	221	7 588 577	33,5x8x116,5	V708	17061	227
5 975 341	36,2x8x105,9	V946	17010	221	5 990 532	37,5x8x116,8	V733	17065	227
7 735 898	30x7x113	V963	171005	219	5 990 533	33,5x8x117	V734	17079	227
7 735 899	26x7x108,5	V964	171003	219	7 798 620	37,5x8x114,2	V1031	171013	226
9605 9361	42,6x8x108,8	V997	157579	222	7 783 225	31x8x114,2	V1032	171014	226
9611 7828	34,5x8x108,4	V998	530001	222	608 14 605	35,5x8x115	V1033	171061	225
46 403 681	26,9x6x95,2	V1007	17236	217	608 14 604	34,5x8x115	V1034	171062	225
46 471 639	22,4x6x96	V1008	171035	217	96247742	35,6x6x107,1	V1085	531003	227
46 436 048	31,5x7x97,1	V1079	17245	216	96247745	33,8x6x107,1	V1086	531004	227
96239503	33,3x6x106,2	V1091	531010	222	0948.68	33,9x8x122,3	V1095	537575	228
96360017	28,9x6x103,6	V1092	531011	222	0949.68	33,9x8x121,9	V1096	537555	228
608 10 666	35,6x7x102,1	V1181	56014	224	96271843	29,8x6x105	V1179	531021	228
608 10 667	31,1x7x102,3	V1182	56126	224	96344375	25x6x105	V1180	531022	228
96 2894 33	34,6x6x106,3	V1183	537006	222	96353179	29,9x6x106,2	V1313	531017	228
96 2986 11	29,6x6x105,7	V1184	533033	222	96353184	25x6x106,1	V1314	531018	228
96304413	35x6x108,4	V1247	531015	224	46518930	21,7x6x109,2	V1413		225
96401813	30,5x6x106,9	V1248	531016	224	46518931	21,7x6x109,2	V1414		225
7 687 459	27,5x7x128	V1389	171011	222	46802049	27,8x6x114,4	V1415		226
7 687 460	29,5x7x125,5	V1390		222	46787902	25,8x6x114,4	V1416		226
55185028	26,9x6x95,2	V1451		217	55206431	27,9x5x114,4	V1595		225
55185080	22,4x6x94,7	V1452		217	55205183	24,5x5x114,4	V1596		225
55194993	31,9x5x98,4	V1555		216	55205125	26,5x5x114,4	V1680		225
55194994	27,3x5x98,7	V1556		216	0948.E5	27,2x6x95,8	V1723		228
55194219	33,2x5x99,9	V1621		218	0949.E1	25x6x95	V1724		228
					K68027469AA	31,8x6x107,6	V1745		228
					K68027470AA	29,2x6x107,8	V1746		228
					55204574	22,45x6x109,2	V1873		225
					55223836	22,5x6x109,2	V1874		225
					55190248	27,9x5x114,2	V2025		226
					55190249	24,9x5x114,2	V2026		226

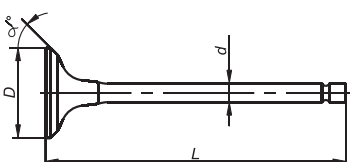
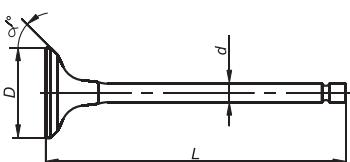
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1134 1 736 549	34,9x6x104,1	V1281	11539	229	13711— 0R010	30,1x6x104,3	V1661		232
1134 1 741 231	30,4x6x103,6	V1282	11897	229	13715— 0R010	27x6x104,1	V1662		232
12911A82000	36x7x115,5	V1307	V3663	229	LEYLAND				
12915A82050	30x7x114,5	V1308	S3664	229	LIAS				
LGH 10029	27,7x6x89,6	V1329	105-35474	229	10618846	45,7x8,7x145,9	V377		232
LGH 10064	31,5x6x89,6	V1331	801003	229	10618851	42,8x8,7x145,9	V378		232
LGH 10065	27,5x6x90	V1332	801004	229	LIEBHERR				
ETC 4067	44,5x7,9x111,4	V1901		229	442.1 1209 0145	57x12x163,8	V201		233
ETC 5866	34,3x8,7x111,4	V1902		229	61 2 4095	43x10x164,6	V324		232
LAND ROVER DIESEL					61 2 3919	43x10x164,6	V325		232
STC2156	35,9x6x103,7	V939	11732	229	442.1 1209 0155	50x12x163,8	V472		233
STC2149	30,9x6x103,5	V940	11682	229	LOMBARDINI				
LGH 101450	26x6x99,9	V994	11113	230	276-9652-015	40x9x111,9	V240		235
AEU 2296L	40,2x8x121	V1167	4077	231	276-9685-019	35,5x9x111,7	V241		235
LGH 10041	34x8x121	V1168	4078	231	90-9652-16	32x7x94	V242		234
LGH 100990	37,2x7x86,7	V1333	801005	230	90-9685-22	28x7x93,8	V243		234
LGH 100980	32,5x7x86,7	V1334	801006	230	291-9652-019	42x8x111,2	V274		235
ERR 1157	39,5x8x116,5	V1647	105-35476	231	291-9685-031	35,5x8x111	V275		235
ERR 1156	36,5x8x116,5	V1648	105-35477	231	283-9652-017	34,3x7x99,4	V276		234
0948.E5	27,2x6x95,8	V1723		230		+0,5S	V276N1		234
0949.E1	25x6x95	V1724		230		+1,0S	V276N3		234
1311281	27,7x6x97,1	V1725		231	283-9685-027	29,5x7x99	V277		234
1316137	25,2x6x96,4	V1726		231		+0,5S	V277N1		234
ERR 6611	34,7x7x105,3	V1731		230		+1,0S	V277N3		234
ERR 6612	31,7x7x105,3	V1732		230	147-9652-120	31,4x7x94	V601		234
ERR 3777	38,9x8x116,3	V1903		231	147-9685-126	27,4x7x94	V602		234
LGH 000030	39,9x8,7x117	V2323		230	520-9652-040	34,3x7x83,8	V603		233
LGH 000040	24,3x8,7x117	V2324		230	520-9685-051	29,5x7x83,5	V604		233
4646005	34,8x5x105,3	V2325		231	520-9652-025	31,8x7x84,2	V743		233
4646004	30,9x5x105,1	V2326		231	520-9685-039	27x7x83,8	V744		233
LEXUS					550 9652 099	36,3x7x84	V1393		233
13711-70060	29,5x5x91,7	V1905		232	550 9685 104	31,5x7x83,5	V1394		233
13715-70080	25x5x91,8	V1906		232		37,6x7x92,2	V1449		233
13711-20020	34x5,5x95,3	V2145		232	271.9652.005	33,4x7x92,2	V1450		233
13715-20020	27,3x5,5x95,3	V2146		232	271.9685.006	31x7x99,2	V1821		234
13711-46021	33,5x6x98,6	V2327		232	196.9652.130	26,5x7x99	V1822		234
13715-46020	29x6x99,1	V2328		232	196.9685.133	36x7x91	V1961		233
13711-50060	34,5x5,5x95,1	V2329		232		32x7x91	V1962		233
13715-50060	29x5,5x95,1	V2330		232					
13711-31100	38x5,5x105,9	V2331		232					
13715-31120	32x5,5x110,4	V2332		232					

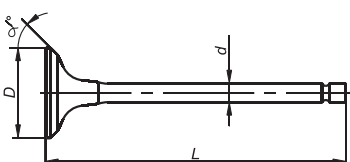
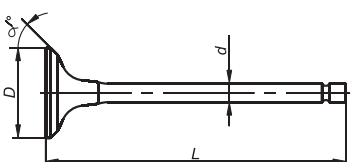
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LOTUS						MAN-RABA					
LGH 10029	27,7x6x89,6	V1329	105-35474	235	51.04101.0523	44x9x153,6	V1537	25302	245		
LGH 10064	31,5x6x89,6	V1331		235	51.04101.0524	41x9x153,6	V1538	25303	245		
LGH 10065	27,5x6x90	V1332	801004	235	51.04101.0537	38x7x141,5	V1541	25304	237		
13711-37020	32x5,5x109,4	V1799		235	51.04101.0538	34x7x141,2	V1542	25305	237		
13715-37030	27,5x5,5x108,3	V1800		235	51.04101.0574	40x9x160,4	V1543	25306	238		
MACK						MASSEY - FERGUSON					
690GC2187B	57x12,6x174,5	V1203		236	51.04101.0546	38x9x160,4	V1544	25307	238		
688GC2352A	48x12,6x174,5	V1204		236	51.04101.0438	58x12x142,5	V2083	25310	242		
690GC425A	43x9,5x179,2	V1729		236	51.04101.0439	51x12x142,5	V2084	25311	242		
688GC344	39,9x9,5x177,5	V1730		236	51.04101.0462	58x12x142,5	V2085	25308	243		
MAN-RABA						MASSEY - FERGUSON					
51 04101 0305	55,9x12x148,9	V303	2554	238	31431261	39x8x114,3	V07	105-02076	246		
51 04101 0373	48,9x12x148,5	V304	2530	238		+0,3S	V07N		246		
51 04101 0379	55,9x12x148,9	V339	2531	239		+0,5S	V07N1		246		
1 04101 0302	58x12x148,9	V405	2505	239		+1,2D	V07N2		246		
51 04101 0364	51,9x12x148,5	V406	2510	239		+0,8S	V07N3		246		
10 04101 0008	50x11x166,5	V420		238		+1,0S	V07N4		246		
10 04101 0009	48,5x11x166,5	V421		238		+2,0S	V07N5		246		
51 04101 0375	58x12x142,5	V455	25237	240	31431951	33,4x8x114,4	V08	105-02077	246		
	+0,5S	V455N1		240		+0,3S	V08N		246		
	+1,0S	V455N3		240		+0,5S	V08N1		246		
51 04101 0367	51x12x142,5	V456	25238	239		+1,2D	V08N2		246		
	+0,5S	V456N1		239		+0,8S	V08N3		246		
	+1,0S	V456N3		239		+1,0S	V08N4		246		
51 04101 0405	57x12x142,5	V461	2573	239		+2,0S	V08N5		246		
51 04101 0349	56,9x12x148,9	V690	2521	239	31431661	35,9x8x116,8	V70	105-03251	245		
51 04101 0332	58x12x142,5	V691	2507	239	31431861	30,3x8x117	V71	105-03252	245		
51 04101 0417	47x10x136,6	V745	2574	236	31431315	44,3x9,5x122,9	V199		247		
51 04101 0410	42x10x136,3	V746	2560	236		+0,3S	V199N		247		
51 04101 0425	49x10x136,6	V932	25127	236		+0,5S	V199N1		247		
51 04101 0482	46x9x153,6	V1235	25249	244		+0,8S	V199N2		247		
	+1,0S	V1235N3		244		+1,2S	V199N3		247		
51 04101 0483	46x9x153,6	V1236	25250	244		+0,5S/+0,2d	V199N5		247		
	+1,0S	V1236N3		244		+0,5d	V199N6		247		
				244		+0,2d	V199N7		247		
10 04101 0004	50x11x166	V1299		238		+1,2S/+0,5d	V199N9		247		
	+1,0S	V1299N3		238	31431104	36,6x9,5x123,3	V200		247		
10 04101 0005	48,5x11x166	V1300		238		+0,3S	V200N		247		
	+1,0S	V1300N3		238		+0,5S	V200N1		247		
51 04101 0328	52x11x155,1	V1301	2520	237		+0,8S	V200N2		247		
51 04101 0356	43x11x155,5	V1302	2504	237		+1,2S	V200N3		247		
51.04101.0547	46x9x153,6	V1423	25300	244		+0,5S/+0,2d	V200N5		247		
	+1,0S	V1423N3		244		+0,5d	V200N6		247		
51.04101.0548	46x9x153,6	V1424	25301	244		+0,2d	V200N7		247		
	+1,0S	V1424N3		244		+1,2S/+0,5d	V200N9		247		

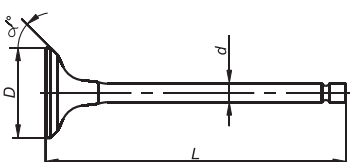
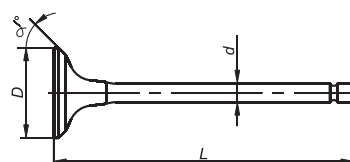
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MASSEY – FERGUSON					MAZDA				
31431311	44,3x9,5x122,9	V343	105-03365	247	1E03-12121	29x7x104,4	V740	18366	249
	+0,075d	V343.1		247		+0,2d	V740.1		249
	+0,4d	V343.2		247		+0,35d	V740N1		249
	+0,3S	V343N		247	1E05-12111	26x6x97,7	V915	105-35533	249
	+0,5S	V343N1		247	1E05-12121	22x6x99,7	V916	105-35534	249
	+0,8S	V343N2		247	1051772	26,1x6x97,7	V959	105-35539	249
	+1,2S	V343N3		247	1051770	22,1x6x99,7	V960	105-35540	249
	+0,5S/+0,2d	V343N5		247	928M6507 E2A	26x6x97,1	V985	105-35549	251
	+0,5d	V343N6		247	948M6505 C2A	24,5x6x96,7	V986	105-35550	251
	+0,2d	V343N7		247	F201-12111	32,5x7x115,8	V1017	V3829	252
	+1,2S/+0,5d	V343N9		247	F201-12121B	34x7x116,2	V1018	S3830	252
31431881	36,6x9,5x123,3	V344	105-03366	248	C601-12111	30x6x99	V1025	181106	251
	+0,075d	V344.1		248	C401-12121	24,1x6x101,5	V1026	181107	250
	+0,4d	V344.2		248	98MM6505 B2B	24,1x6x99,4	V1062	105-35542	251
	+0,3S	V344N		248	98MM6507 C2B	30,1x6x97	V1115	181009	251
	+0,5S	V344N1		248	B657-12111	31x6x105,4	V1143		251
	+0,8S	V344N2		248	B660-12121	26,2x6x105,4	V1144		251
	+1,2S	V344N3		248	B308-12111	33x7x105,4	V1153	V3874	249
	+0,5S/+0,2d	V344N5		248	B313-12121	28x7x104,2	V1154	S3875	249
	+0,5d	V344N6		248	C601-12111A	28x6x99,5	V1288		250
	+0,2d	V344N7		248	L801-12111	32,5x5,5x103,4	V1363	181110	251
	+1,2S/+0,5d	V344N9		248	L801-12121C	28x5,5x104,6	V1364	181111	251
31431281	39x8x114,3	V675	105-03363	246	B541-12111	29,5x6x104	V1383	V3880	250
	+0,5S	V675N1		246	B541-12121	23,5x6x105	V1384	V3881	250
	+0,8S	V675N2		246	C201-12111	26x6x99,7	V1411		249
	+1,0S	V675N3		246	C201-12121	22x6x101,8	V1412		249
31431591	33,4x8x114,3	V676	105-03364	246	LF01-12111	35x5,5x103,4	V1495	181108	253
	+0,5S	V676N1		246	LF01-12121	30x5,5x104,6	V1496	181109	253
	+0,8S	V676N2		246	BP05-12111	32,9x6x101,7	V1637	V4321	251
	+1,0S	V676N3		246	BP05-12121A	28x6x102	V1638	S4322	251
3142L081	43x9x123	V1267		248	FS01-12111C	31,5x6x89,8	V1749		252
	+1,0S	V1267N3		248	FS01-12121B	27,6x6x90,1	V1750		252
3142D051	41x9x123	V1268		248	ZJ01-12111A	27,7x5,5x98,3	V1755		249
	+1,0S	V1268N3		248	ZJ01-12121	24x5,5x98,8	V1756		249
3142H071	46,3x9x129,2	V1867		248	ZY01-12111A	29,2x5,5x97,1	V1757		250
3142A151	41,6x9x129,2	V1868		248	ZY01-12121	25,9x5,5x96,6	V1758		250
3142H002	44,2x9,5x122,8	V1941	105-35608	247	ZL02-12111	29,2x6x91,2	V1759		250
MAZDA					ZL02- 12121	25,9x6x90,6	V1760		250
B366-12111	25,5x6x104	V715		250	KF01- 12111A	28,5x6x94,2	V1761		252
B366-12121	21,5x6x105	V716		250	KFOI- 12121	23x6x95,2	V1762		252
1E03-12111	34,5x7x104	V739	18367	249		33,7x6x103,2	V1869		253
	+0,2d	V739.1		249	YF09-12121	29x6x104	V1870		253
	+0,35d	V739N1		249	B3C7- 12111A	28x6x96,6	V1886		252
					B3D2- 12121A	25,5x6x108,3	V1907		249
					YF09- 12111	32x6x97,1	V1909		252
					L3K9- 12111	35x6x103,5	V1911		252

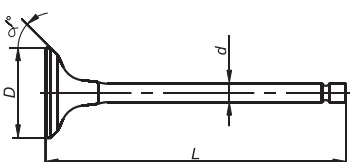
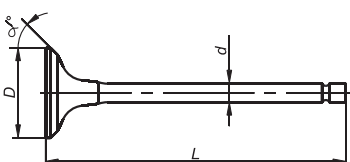
									
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L3K9— 12121C	30x6x104,7	V1912		252	160 053 0027	25x6x89,3	V1126		255
AJ03— 12111	34,9x6x114,5	V1913		253	111 053 1101	35x7x101,5	V1229	26048	258
AJ03— 12121	29,9x6x115,4	V1914		253	111 050 1227	31x7x103,5	V1230	26049	258
PE01—12—111	33,2x5,5x107,1	V2087		251	113 053 0001	30x7x120,7	V1425	261030	257
PE01—12—121	28x5,5x117	V2088		251	113 050 0127	34x7x121,7	V1426	261031	257
MAZDA DIESEL									
89FF6507AA	36,5x8x107,1	V613	18374	254	111 053 1201	33x7x101,5	V1437		258
89FF6505AA	32x8x109,2	V614	18375	254	111 050 1327	29x7x103,5	V1438		258
641 007	34,6x7x104,1	V671	V3333	253	166 053 0201	43x6x103	V1527	261038	257
641 300	30,6x7x104	V672	S3334	253	166 050 0427	36x7x102,7	V1528	261039	258
RF01— 12111	41x8x107	V1023	V3639	254	111 053 0301	33x7x101,5	V1545	26230	258
RF01— 12121	36x8x106,8	V1024	S3640	254	111 050 0627	29x7x103,5	V1546	26263	258
Y401— 12111	32,8x5,5x97,3	V1205	181102	253	111 053 0201	35x7x101,5	V1547	26208	261
Y401— 12121	30,3x5,5x97,3	V1206	181103	253	111 050 0527	31x7x103,5	V1548	261114	261
Y601— 12111	25,6x5,5x96,4	V1493	539009	253	166 053 0101	40x6x103	V1549	261036	256
Y601— 12121	23,4x5,5x96,6	V1494	539010	253	166 050 0327	34x7x102,7	V1550	261037	256
RF2A— 12111	29,7x6x115,3	V1513		254	113 053 0101	36x7x119,4	V1551	261032	257
RF2A— 12121	25,5x6x114,6	V1514		254	113 050 0227	41x7x122,3	V1552	261033	257
WL01— 12111	32,7x7x112	V1515		255	113 053 0201	38x7x119,1	V1553	261034	265
WL01— 12121	35,6x7x111,8	V1516		255	113 050 0327	43x7x121,8	V1554	261035	265
RF5C— 12111	27,2x6x115,2	V1639		254	102 053 1401	38x7x111,7	V1565	26105	264
R2AA—12—111	27,3x6x91,8	V1915		254	102 050 1027	33x8x111,5	V1566	26106	264
R2AA—12—121	25,4x6x91,3	V1916		254	266 053 0105	35x7x102,7	V1574		257
1449108	31x6x112	V2047		255	271 053 0001	30,5x7x105,4	V1763		256
1449109	28x6x112	V2048		255	271 050 0027	27x7x109,2	V1764		256
SH01—12—111	29,7x5,5x103	V2089		254	271 053 0501	30,5x6x105,4	V1765		257
SH01—12—121A	25,5x5,5x100	V2090		254	271 050 0627	27x6x109,3	V1766		257
MERCEDES – BENZ									
021 109 601H	39x7x106	V929	39372	256	272 053 0801	37x6x109,4	V1767		260
021 109 611D	34,2x7x107	V930	39300	256	272 050 0927	28x6x107,4	V1768		260
102 053 0601	40x8x114,9	V989	2600	260	272 053 0501	39,6x6x108,8	V1769		265
102 050 0427	36x9x115,8	V990	2601	260	272 050 0827	29,9x6x107,3	V1770		265
102 053 1801	43x8x115	V991	26160	260	39,5x6x108,8		V2001		264
102 050 0327	39x9x115,8	V992	2655	260	30x6x107		V2002		264
102 053 1701	46x8x114,9	V993	26135	264	273 053 0326	42x6x107,9	V2009		264
104 053 1401	35x7x101,5	V1099	26165	261	273 050 0427	32x6x107,3	V2010		264
104 050 1727	31x8x103,5	V1100	26166	261		39,4x6x108,8	V2237		265
160 053 0001	30x6x89,3	V1125		255		30x6x107,3	V2238		265
					2700530001	31,5x6x115,8	V2333		256
					2700500100	25x6x107,1	V2334		256
					2780500126	37x6x104,1	V2335		265
					2760500027	30x6x107,3	V2336		265

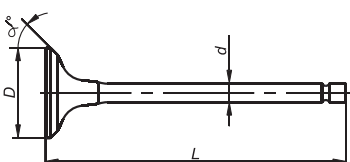
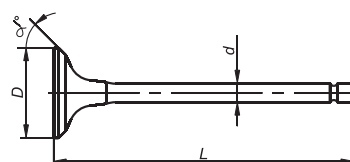
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MERCEDES – BENZ DIESEL					MERCEDES – BENZ DIESEL				
615 053 0101	38,8x10x131,5 +1,0S	V651 V651N3	2622	267		32x6x105,4 28x6x109,3	V2337 V2338		266 266
615 053 0705	33,2x10x131 +1,0S	V652 V652N3	2696	267	MERCEDES – BENZ INDUSTRIAL DIESEL				
601 053 1701	38x8x106,4 +0,5S +0,8S +1,0S +1,2S +1,0L	V653 V653N1 V653N2 V653N3 V653N4 V653N5	26024	268	352 053 1505	36x10x140,5 +1,0S	V169 V490N3	1604	273 273
616 053 0301	39,8x10x131,5 +1,0S	V655 V655N3	2605	272	327 053 0705	43x10x150	V297	16008	275
616 050 0527	34,2x10x131 +1,0S	V656 V656N3	2631	272	403 053 0901	59x12x142,5 +1,0S	V298 V298N3	1606	275 275
617 053 0001	39,8x10x131,5	V669	2637	272	403 050 1027	51x12x142,5 +1,0S	V299 V299N3	1608	275 275
617 050 0027	34,2x10x131,5	V670	2638	272	346 053 0101	42x9x129,8	V300A	1657	279
615 053 0501	38,8x10x131,5 +1,0S	V857 V857N3	2641	267	327 053 0701	54x10x150	V301	1659	275
606 053 1101	29x6x105,4	V907	26045	269	346 053 0105	37x9x165,3	V302	1658	279
606 050 1127	26x7x105,7	V908	26047	269	423 050 0026	59x12x142,5 +1,0S	V311 V298N3	1606	275 275
601 050 2327	35x9x106,4 +0,5S +0,8S +1,0S +1,2S +1,0L	V912 V912N1 V912N2 V912N3 V912N4 V912N5	26145	268	423 050 0427	51x12x142,5 +1,0S	V312 V299N3	1608	275 275
607 053 1200	33,4x6x101	V979		266	423 050 0327	51x12x142,5 +1,0S	V312A V299N3	16053	276 276
607 053 1300	28,9x6x100,8	V980		266	442 050 0326	59x12x142,5 +0,5S +1,0S	V466 V466N1 V466N3	16117	277 277 277
606 053 0705	26x6x105,7	V1054	26046	271	442 050 0526	59x12x142,5 +0,5S +1,0S	V466B V466N1 V466N3	16147	279 279 279
611 053 0101	30,1x7x104	V1055	261102	269	422 050 0027	51x12x142,5 +0,5S +1,0S	V467 V467N1 V467N3	16116	277 277 277
611 053 0105	28,4x7x104,4	V1056	261103	269	442 050 0227	51x12x142,5 +0,5S +1,0S	V467B V467N1 V467N3	16150	279 279 279
606 053 0701	29x6x105,4	V1059	26264	272	366 050 0326	42x9x140,5	V487	16130	273
606 053 0305	26x6x105,7	V1060	26265	272	366 050 0227	36x10x140,5	V488	16122	273
668 053 0301	29,6x6x105,2	V1097	261042	266	366 050 0226	42,8x9x140,5 +1,0S	V489 V489N3	16109	273 273
668 050 0227	24,6x7x105	V1098	261043	266	366 050 0027	36x10x140,5 +1,0S	V490 V490N3	16106	273 273
628 053 0001	28,7x7x104	V1629	261124	270	352 050 0026	44x9x140,5 +1,0S	V505 V505N3	16136	273 273
628 053 0005	26,2x7x104,5	V1630	261125	270	355 053 0001	42x9x130,6	V579	1602	278
642 053 0401	28,5x6x102,3	V1743		266	355 053 0005	37x9x165,9	V580	1603	278
642 050 0527	25,4x6x102,3	V1744		266					
651 053 0101	28,5x6x108,8	V1997	261140	267					
651 050 0127	24,6x6x109,2	V1998	261141	267					
626 050 0500	23,5x6x104,2	V2103		266					
626 050 0800	23,4x6x104,1	V2104		266					

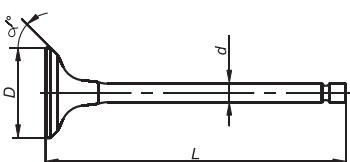
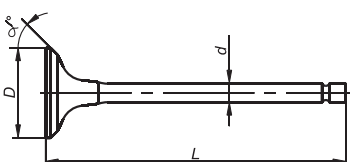
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MERCEDES – BENZ INDUSTRIAL DIESEL					MG				
352 053 0101	44x9x140,5 +1,0S	V931 V505N3	1637	273	LGH 10029	27,7x6x89,6	V1329	105-35474	284
541 050 0226	45,5x9x145 +1,0S	V1043 V1043N3	160054	281	LGH 10064	31,5x6x89,6	V1331	801003	284
541 050 0227	41x9x145 +1,0S	V1044 V1044N3	160055	281	LGH 10065	27,5x6x90	V1332	801004	284
541 016 07 91	17x8x87 +0,2d	V1068 V1068N	261101	281	MG DIESEL				
906 050 0226	34x8x125,9	V1221	16200	274	LGH 101450	26x6x99,9	V994	11113	285
906 050 0327	38x8x152,7	V1222	160057	274	LGH 100990	37,2x7x86,7	V1333	801005	285
906 050 0326	34x8x128,9	V1223	160056	274	LGH 100980	32,5x7x86,7	V1334	801006	285
906 016 0491	15x8x83,5 +0,2d	V1224 V1224N		274	MINI				
442 016 0391	17x8x90 +0,2d	V1266 V1266N	50 004 665	276	11347587470	28,8x5x105,7	V1673		285
442 016 0191	17x8x84,2 +0,2d	V1376 V1376N	50 004 664	276	11347547187	26x5x101,1	V1674		285
366 050 1226	42x9x140,5	V1419	261100	273	11347533884	30x5x97	V1701		285
906 016 0791	15,2x6x81,8 +0,2d	V1420 V1420N	50 009 053	274	11347533885	25,1x5x110,8	V1702		285
457 050 0327	42,1X9X145 +1,0S	V1942 V1942N3	16205	281	11341485585	30,3x6x109,5	V1705		285
442 050 0126	58,9x12x142,5	V2091	16202	280	11347829943	23,3x6x118,3	V1706		285
407 050 0127	51x12x142,5	V2092	16203	280	11347585901	29,7x5x95,1	V2031		286
471 050 0426	45,2x9,5x240	V2269		283	MINI DIESEL				
471 050 0427	43,5x9,5x246,6	V2270		283	1134 7 791 054	30,6x6x100	V1487		286
472 050 0126	47,2x9,5x240	V2271		283	1134 7 791 055	28x6x99,8	V1488		286
473 050 0127	45,1x9,5x246,1	V2272		283	1134 7 805 968	25,6x5,5x96,4	V1493	539009	286
470 050 0626	42,5x9,5x239,9	V2339		283	1134 7 805 969	23,4x5,5x96,6	V1494	539010	286
470 050 0427	40x9,8x246,5	V2340		283	1134 7 812 618	24,8x5x94	V2037		286
936 050 0026	37,5x8x193,6	V2341		274	1134 7 812 616	21,2x5x94	V2038		286
936 050 0027	33,7x8x199,3	V2342		274		25,6x5,5x96,1	V2093	539009	286
						23,5x5,5x96,3	V2094	539010	286
MERCEDES – BENZ INDUSTRIAL DIESEL Modulazioni ventili					MIO STANDARD – HONDA				
541 016 0791	17x8x87 +0,2d	V1068 V1068N	261101	284	14711 887 0000	26x7x81,6	V621		287
906 016 0491	15x8x83,5 +0,2d	V1224 V1224N		284	14721 887 0000	23,5x7x81,5	V622		287
442 016 0391	17x8x90 +0,2d	V1266 V1266N	50 004 665	284	14711 883 0000	29x7x96,3	V623		287
442 016 0191	17x8x84,2 +0,2d	V1376 V1376N	50 004 664	284	14721 883 0000	26x7x96,8	V624		287
906 016 0791	15,2x6x81,8 +0,2d	V1420 V1420N	50 009 053	284	14711 823 020	34x7x89,75	V625		287
					14721 823 020	29x7x89,75	V626		287
					14711 822 010	29x7x82,75	V627		287
					14721 822 020	26x7x80,75	V628		287
					14711 816 325	19x4,8x55,5	V629		287
					14721 844 000	16x4,8x55,5	V630		287
MITSUBISHI					MITSUBISHI				
					MD 127840	34x6,5x109,6	V927	761003	290
					MD 127841	30,5x6,5x109,6	V928	761004	290
					MD-016460	34x6,6x102,1	V1145	V3142	287

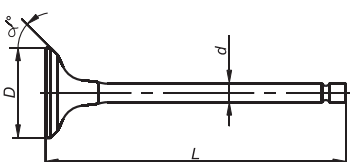
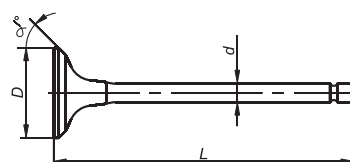
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MD-016461	30x6,6x100,9	V1146	S3143	287		MN 980080	29,2x6x87,8	V1607	331121	292	
MD-301193	33x6x112,5	V1195		290		MN 980081	25,4x6x87,5	V1608	331122	292	
MD-197097	29x6x114	V1196		290		MN 960088	28,5x6x102,3	V1743		291	
MD 162422	30x6x110	V1517		289		MN 960089	25,4x6x102,3	V1744		291	
MD 162423	27x6x113,6	V1518		289		MN 176597	31,5x6x107,6	V1981		293	
MD 075925	38x8x103,5	V1567	V3376	289		MN 176 598	27,5x6x107,9	V1982		293	
MD 075927	31x8x100	V1568	S3374	289		22211-42860	40x8x132	V2095		293	
MD 162780	33x6x104,2	V1599		289		22212-42860	34x8x132	V2096		293	
MD 162800	28,2x6x103,8	V1600		289			30x6,5x115,4	V2233		293	
MD 128435	31x6,6x100,9	V1619	V4324	288			28x6,5x115,4	V2234		293	
MD 139755	33x6,6x101	V1620	S4325	288		ME 013810	44x8,9x136,8	V2317		293	
MD 342090	27x5,5x111,6	V1771		288		ME 220217	37,1x8,9x136,9	V2318		293	
MD 342091	23,4x5,5x114,8	V1772		288		MN 163799	36,5x6x109,4	V2343		293	
MR 984260	30,4x5x89,5	V1773		288		MN 163286	32x6x113,5	V2344		293	
MR 984261	25,4x5x91	V1774		288		MOSKWICZ					
MD 339752	29x5,5x111,7	V1775		289		408-1007010	36,3x8x115	V265	105-34232	294	
MD 339754	25,4x5,5x114,7	V1776		289		408-1007015	31,5x8x115,2	V266	105-34233	294	
MR 994497	34x6x111,5	V1777		290		412-1007010	38x8x117	V267	105-34629	294	
MR 994498	30,5x6x113,6	V1778		290		412-1007015	34x8x112,5	V268	105-34630	294	
MD 128434	26x6,6x100,7	V1839		288		M T Z					
	35x5,5x113,2	V2017		289		50 100 7014	47,8x11x158	V533		294	
	28,9x5,5x105,9	V2018		289			+0,3S	V533N		294	
	30,4x5x87,3	V2227		289			+0,5S	V533N1		294	
	25,4x5x88,6	V2228		289			+0,8S	V533N2		294	
MD 135479	34,9x6,5x106,3	V2311		291			+1,0S	V533N3		294	
MD 135480	30,5x6,5x105,5	V2312		291		50 100 7015	41,8x11x158	V534		294	
MITSUBISHI DIESEL							+0,3S	V534N		294	
7701 466 716	36,1x8x111,7	V855	517983	291			+0,5S	V534N1		294	
	+1,0S	V855N3		291			+0,8S	V534N2		294	
7701 466 717	31,6x8x111,3	V856	517963	291			+1,0S	V534N3		294	
	+1,0S	V856N3		291							
MD-083661	40x8x136,5	V943	V3841	292		MTZ / MMZ - BYELARUS					
MD-083662	34x8x136,5	V944	S3840	292		50-100-7014	47,8x11x158	V533		295	
MW 30620685	35,4x7x111	V951	511013	291			+0,3S	V533N		295	
MW 30620686	32,6x7x110,8	V952	511014	291			+0,5S	V533N1		295	
ME-200050	41x8x108,6	V1005		293			+0,8S	V533N2		295	
ME-200051	35x8x108,4	V1006		293			+1,0S	V533N3		295	
M-889130	35x8x110,5	V1057		291		50-100-7015	41,8x11x158	V534		295	
M-889131	31,5x8x110,5	V1058		291			+0,3S	V534N		295	
MD 173602	36x8x114,1	V1207		292			+0,5S	V534N1		295	
MD 180356	31,9x8x113,6	V1208		292			+0,8S	V534N2		295	
ME 203101	33x6,6x115,5	V1323		293			+1,0S	V534N3		295	
ME 203102	30,9x6,6x115,4	V1324		293		240-100-7014	48x11x158	V1051		295	
MD 198404	40x8x130,1	V1405	821000	293			+0,5S	V1051N1		295	
MD 198406	34x8x129,9	V1406	821001	293							

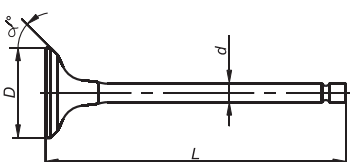
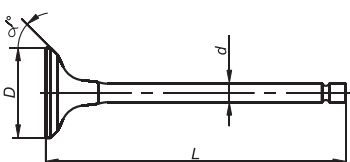
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	+0,5S	V1052N1		295		13201-99B10	27,5x5,5x95,8	V1201	1123		299
	+0,8S	V1052N2		295		13202-99B10	22,5x5,5x95,8	V1202	1124		299
212K438-95	48x11x158	V1053		295		13201-70J00	34x6x101,5	V1209	V3846		302
	+0,5S	V1053N1		295		13202-70J10	30x6x102,5	V1210	81021		302
	+0,8S	V1053N2		295		13202-9F600	25x5,5x92,6	V1410	701021		301
MWM						13201-10B00	35,1x7x109,7	V1459	V3426		298
6 226 0 460 005 4	41x9x117	V337		296		13202-10B00	30,1x7x109,4	V1460	S3427		298
6 308 0 460 002 4	38x9x117	V338		296		13202-50K02	30,1x7x109,2	V1462			298
6 308 0 460 001 4	38x9x117	V687	2723	295		13201-2F200	34,1x6x98,4	V1463	701022		302
	+1,0S	V687N3		295		13202-2F210	30,1x6x99,3	V1464	701012		302
6 207 0 460 301 4	35x9x117	V688	2721	295		13201-N8501	42x8x124,4	V1569	V3114		303
	+1,0S	V688N3		295		13202-N8500	38x8x125,4	V1570	S3131		303
6 232 0 460 002 4	46x11x151,9	V689		297		13201-H9500	35x8x99,8	V1581			301
6.228.0.460.301.4	42x9x117,2	V1937		297		13202-H9500	30x8x99,8	V1582			302
6.226.0.460.302.4	38x9x117	V1938		297		13202-89J00	30x6x102,4	V1640	701006		302
12159606	47x9x117	V1967	27119	297		13201-BH300	35,6x6x97,2	V1781			303
12159608	43x9x117	V1968	27104	297		13202-6N200	30,7x6x98,8	V1782			303
12156904	47x9x117	V2097	27139	297		13201-1F700	27,5x5,5x97,8	V1783			299
	+1,0S	V2097N3		297		13202-1F700	22,5x5,5x97,9	V1784			299
	+2,0S	V2097N5		297		13201-BM505	29x5,5x94,4	V1785			301
12159605	43x9x117	V2098	2745	297		13202-BM500	24x5,5x94,7	V1786			301
	+1,0S	V2098N3		297		13201-AU300	30x5,5x94,3	V1787			302
	+2,0S	V2098N5		297		13202-AU300	25x5,5x94,7	V1788			302
6.234.0.460.006.4	58x10x162,9	V2099	2742	298		13201-VC200	38,5x7x100,2	V1789			303
6.234.0.460.005.4	53x10x161,9	V2100	27304	298		13202-VC200	33,3x7x98,3	V1790			303
	47x9x152,7	V2101	27300	298		13201-ED000	31,1x5x101,7	V1791			301
	43x9x152,7	V2102	27301	298		13202-ED000	25,4x5x102,5	V1792			301
632134600014	41x10x129	V2143	2786	296		13201-EN20A	33,9x5,5x106,3	V1793			302
	+1,0S	V2143N3		296		13202-EN200	27,7x5,5x105,2	V1794			302
	+2,0S	V2143N5		296		13201-4M500	29x5,5x92,2	V1917	701010		300
632134600024	37x10x129	V2144	2787	296		13202-2F000	24x5,5x92,6	V1918	701009		300
	+1,0S	V2144N3		296		13201-BM500	29,1x5,5x92,3	V1919			300
	+2,0S	V2144N5		296		13201-4A00A	27,5x5,5x87,5	V1923			300
NISSAN						13202-4A00D	22,9x5,5x87,1	V1924			300
13201-00QAG	32,8x6x106,8	V867	511019	299		13201-00QAE	33,4x5,5x110,1	V1983			302
13202-00QAH	29,9x6x106,7	V868	511020	299		13201-BC000	27,5x5,5x97,9	V2105			300
13202-00QAE	28,9x5,5x108,9	V982	539014	302		13202-BC000	22,5x5,5x97,9	V2106			300
7701 471 378	32,7x5,5x109,3	V1013	531029	301		13201-1KT04	31,7x5x101,7	V2107			301
7701 471 379	28x5,5x107,6	V1014	531030	301			36,7x6x100,2	V2213			303
13201-00QAJ	26x5,5x110,7	V1165		299			30,3x6x94,7	V2214			303
13202-00QAK	22x5,5x112,5	V1166		299		13201-31V60	29,1x6x103,9	V2345			303
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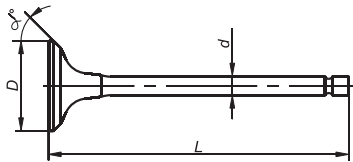
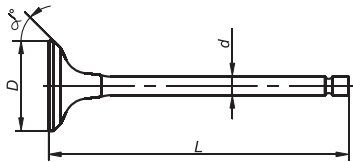
									
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	+0,3S	V541N		304	13202-00QAD	29,5x6x123,1	V1280	539021	307
	+0,5S	V541N1		304	13201-43G01	43,5x8x117	V1343	V3851	308
	+0,8S	V541N3		304	13202-31N01	38x8x117	V1344	S3852	308
	+1,5S	V541N4		304	13201-G2403	43,5x8x117	V1367	V4311	308
	+1,0S	V541N5		304	13202-G2403	38x8x117	V1368	S4312	308
	31,2x8x104,6	V542	33029	304	13201-9C600	41,5x8x118	V1465	701019	306
	+0,3S	V542N		304	13202-9C601	33,1x8x117,6	V1466	701020	306
	+0,5S	V542N1		304	13201-2W200	32x7x113,4	V1467		308
	+0,8S	V542N3		304	13202-2W200	30x7x113,4	V1468		308
	+1,5S	V542N4		304	13201-D9702	39,3x8x118,2	V1589		306
	+1,0S	V542N5		304	13202-D9702	32,1x8x118,1	V1590		306
	34x8x95,1	V543	39183	304	13201-AD210	28,2x6x106,7	V1643		307
	+0,3S	V543N		304	13202-AD200	26,2x6x106,4	V1644		307
	+0,5S	V543N1		304	13201-9X700	44,9x9,5x123,1	V1795		309
	+0,8S	V543N3		304	13202-9X700	38,9x9,5x123,4	V1796		309
	+1,5S	V543N4		304	13201-00Q0A	27,7x6x104	V1797		305
	+1,0S	V543N5		304	13202-00Q0A	26x6x103,8	V1798		305
	31,2x8x95	V544	39116	304	13201-67U00	38x7x102	V1921		307
	+0,3S	V544N		304	13202-67U00	33x8x102,4	V1922		307
	+0,5S	V544N1		304	13201-0DQAE	33,4x5,5x110,1	V1983		305
	+0,8S	V544N3		304	13201-0370R	23,5x6x104,2	V2103		305
	+1,5S	V544N4		304	13202-4894R	23,4x6x104,1	V2104		305
	+1,0S	V544N5		304	13201-1AT0A	28,5x6x106	V2109		308
13201-60J02	39x7x99,8	V853	V4339	306	13202-1AT0A	25,9x6x105,5	V2110		308
13202-60J02	32x7x99,6	V854	S4340	306	OM „see” IVECO				
13201-16A00	36x7x100,9	V913	V3275	305					
13202-16A00	31x7x100,9	V914	S3274	305	OPEL				
13201-22301	39x7x102,8	V947	V3853	306	642 873	37x9x123,7	V245	3439	319
13202-V7202	32x7x102,6	V948	S3854	306		+0,075d	V245.1		319
13201-22J11	39x7x101,8	V949	V3855	307		+0,15d	V245.2		319
13202-40L01	32x7x101,6	V950	S3856	307		+0,2d	V245N		319
13201-AW300	35,4x7x111	V951	511013	305	642 763	33x7x105	V357	3471	312
13202-AW300	32,6x7x110,8	V952	511014	305	642 890	29x7x105	V358	3474	312
13201-BN700	33,4x6x101	V979	539017	304	641 002	33x7x105	V380	29237	311
13202-BN700	28,9x6x100,8	V980	539018	304	641 302	29x7x105	V381	29296	311
13202-00QAE	28,9x5,5x108,9	V982	539014	305	641 022	32x6x102,1	V511	29375	316
13201-6F900	37x7x108,5	V1089	537627	305	641 325	29x6x92,2	V512	29354	316
	+0,5S	V1089N1		305	642 750	42x9x123	V609	3434	319
13202-6F900	31,5x7x108,2	V1090	537628	305		+0,075d	V609.1		319
	+0,5S	V1090N1		305		+0,15d	V609.2		319
13201-57J02	39x7x100,8	V1187	V4337	306		+0,2d	V609N		319
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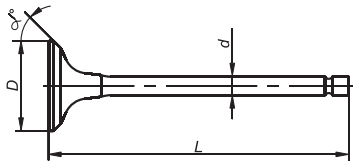
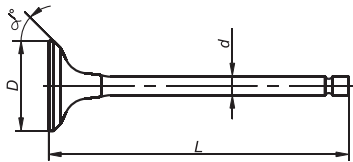
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641 340	27,5x6x102,2	V640	29429	312	641 373	30,1x6x100,9	V1070	291110	319
642 667	41,8x7x103,8	V641	29107	318	641 008	37,4x7x89,3	V1291	29267	321
642 829	36,5x7x103,6	V642	29292	318	641 310	30,4x7x96,1	V1292	29270	321
642 912	37x9x123,7	V678	3477	320		34x6x99	V1373		320
642 188	32x7x99,3	V775	2940	310		30x6x100,5	V1374		320
	+0,075d	V775.1		310	642 011	31,2x5x117,2	V1429	291106	314
	+0,15d	V775.2		310	641 379	27,5x5x116,2	V1430	291107	314
	+0,2d	V775N		310	641 013	42x9x122,3	V1591	29324	320
642 814	27x7x101,1	V776	3414	310	641 313	36x9x123,2	V1592	29323	320
	+0,075d	V776.1		310	641 076	31,2x5x113,9	V1611		314
	+0,15d	V776.2		310	641 391	27,5x5x113,2	V1612		314
	+0,2d	V776N		310	4708925	27,5x5,5x87,5	V1923		310
642 635	35x8x106,1	V817	2920	315	4708933	22,9x5,5x87,1	V1924		310
642 789	32x8x106,1	V818	2934	315	44 11 048	33,4x5,5x110,1	V1983		317
642 758	33x7x105	V835	29185	318	12911-69L00-000	27,5x5x87,5	V2111		310
642 858	29x7x105	V836	29186	318	12915-69L00-000	22,9x5x87,1	V2112		310
642 898	29x7x101,5	V838	3489	313	55565261	27,7x5x114,4	V2115		319
	+0,075d	V838.1		313	55565262	24,3x5x114,4	V2116		319
	+0,15d	V838.2		313	641 460	31,2x5x99,9	V2117		315
	+0,2d	V838N		313	641 459	27x5x99,3	V2118		315
642 679	38x7x101,1	V859	29316	314	OPEL DIESEL				
642 854	31x7x101,1	V860	29300	314	7 301 820	41x8x120,7	V326	17062	330
642 663	45x9x122,5	V881	29170	320		+1,0S	V326N3		330
642 826	40x9x123,7	V882	29100	320	642 659	42x8x127,2	V619	2908	329
641 045	28x5x93,8	V883	29455	311		+0,075d	V619.1		329
641 364	25x5x93,8	V884	29456	311		+0,15d	V619.2		329
642 675	32x7x98,9	V893	29317	309		+0,2d	V619N		329
	+0,075d	V893.1		309		+0,4d	V619N1		329
	+0,15d	V893.2		309	642 935	34,5x8x127,2	V620	29246	329
	+0,2d	V893N		309		+0,075d	V620.1		329
642 837	27x7x99,5	V894	29318	309		+0,15d	V620.2		329
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	+0,2d	V894N		309	642 759	42x8x127,2	V643	3447	328
642 643	38x8x106,1	V975	29139	317		+0,075d	V643.1		328
642 805	34x8x106,1	V976	29142	317		+0,15d	V643.2		328
7701 471 280	28,9x5,5x108,9	V982	539014	317		+0,2d	V643N		328
642 647	41x8x106,1	V995	2900	317		+0,4d	V643N1		328
642 793	35x8x106,1	V996	2906	317	642 882	34,5x8x127,2	V644	3450	328
641 015	38x7x104,6	V999	29383	312		+0,075d	V644.1		328
641 317	31x7x104,6	V1000	29384	312		+0,15d	V644.2		328
641 048	31,2x5x101,4	V1003	341001	315		+0,2d	V644N		328
641 357	27,5x5x100,8	V1004	341002	315		+0,4d	V644N1		328
642 924	29x7x99,4	V1038	29319	313		+0,075d			328
	+0,075d	V1038.1		313		+0,15d			328
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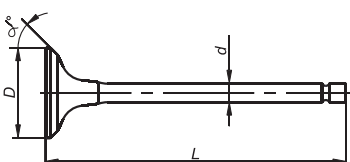
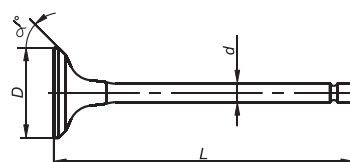
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641 300	30,6x7x104	V672	S3334	322	641 049	34x6x103,8	V1649		330
99432837	35,9x8x122	V681	171055	330	641 360	29x6x103,5	V1650		330
	+1,0S	V681N3		330	641 067	27,5x6x98,5	V1779		328
642 651	36x8x123,2	V695	29182	323	641 384	26,5x6x98,1	V1780		328
	+0,3S	V695N		323	13201-00Q0A	27,7x6x104	V1797		327
	+0,2d	V695N1		323	13202-00Q0A	26x6x103,8	V1798		327
	+0,5S	V695N2		323		22,45x6x109,2	V1873		321
	+1,0S	V695N3		323		22,5x6x109,2	V1874		321
641 353	32x8x123,2	V696	29416	323	641 085	27,4x6x102,6	V2041		323
	+0,3S	V696N		323	641 086	25,4x6x102,4	V2042		323
	+0,2d	V696N1		323	4802219	28,8x5x101,9	V2043		327
	+0,5S	V696N2		323	4802220	26,4x5x101,9	V2044		327
	+1,0S	V696N3		323	4420439	27,7x6x103,9	V2119		327
	35,2x8x111,6	V837	510203	324	641 084	30x6x98,4	V2121		328
	36,1x8x111,7	V855	517983	324	641 397	28x6x97,9	V2122		328
	+1,0S	V855N3		324		35x6x101,1	V2189		330
	31,6x8x111,3	V856	517963	324		30,5x6x97	V2190		330
	+1,0S	V856N3		324	PERKINS				
	35x8x110	V885	539000	324	3143 1261	39x8x114,4	V07	105-02076	331
	31,3x8x109,8	V886	539001	324		+0,3S	V07N		331
641 041	35,9x6x103,7	V939	11732	325		+0,5S	V07N1		331
641 346	30,9x6x103,5	V940	11682	325		+1,2D	V07N2		331
7700 110 387	35,4x7x111	V951	511013	324		+0,8S	V07N3		331
7700 110 389	32,6x7x110,8	V952	511014	324		+1,0S	V07N4		331
642 168	29x6x97,1	V953	290002	327		+2,0S	V07N5		331
642 211	26x6x97,1	V954	290003	327	3143 1951	33,4x8x114,4	V08	105-02077	331
641 025	27,4x6x98,5	V977	291030	322		+0,3S	V08N		331
641 369	26,5x6x98,1	V978	291031	322		+0,5S	V08N1		331
	35,5x8x115	V1033	171046	325		+1,2D	V08N2		331
	34,5x8x115	V1034	171047	325		+0,8S	V08N3		331
605 07 189	40,2x8x121	V1167	4077	329		+1,0S	V08N4		331
605 04 864	34x8x121	V1168	4078	329		+2,0S	V08N5		331
641 042	40,1x8x118,1	V1191	V3825	329	3143 1661	35,9x8x116,8	V70	105-03251	330
641 352	35,7x8x118,1	V1192	S3826	329	3143 1861	30,3x8x117	V71	105-03252	330
4506083	30,7x6x123,1	V1279	539020	325	3143 1681	39x8x114,3	V263	105-34643	332
4506084	29,5x6x123,1	V1280	539021	325		+0,3S	V263N		332
641 072	21,7x6x109,2	V1413		321		+0,5S	V263N1		332
641 071	21,7x6x109,2	V1414		321		+0,8S	V263N2		332
641 074	27,8x6x114,4	V1415		326		+1,0S	V263N3		332
641 386	25,8x6x114,4	V1416		326	3143 1761	33,4x8x114,3	V264	105-34644	332
441 5247	32x7x113,4	V1467		330		+0,3S	V264N		332
441 5246	30x7x113,4	V1468		330		+0,5S	V264N1		332
641 404	27,9x5x114,4	V1595		326		+0,8S	V264N2		332
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4805321	28,6x6x95,7	V1625		326					

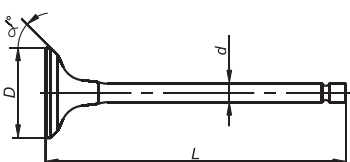
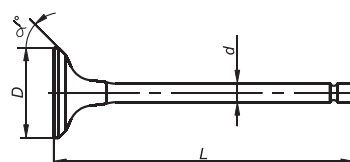
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3143 1109	36,6x9,5x123,3 +0,075d +0,4d +0,3S +0,5S +0,8S +1,2S +0,5S/+0,2d +0,5d +0,2d +1,2S/+0,5d	V344 V344.1 V344.2 V344N V344N1 V344N2 V344N3 V344N5 V344N6 V344N7 V344N9	105-03366	333 333 333 333 333 333 333 333 333 333 333	3142 D031	41x9x123 +1,0S	V1270 V1270N3	105-35610	334 334		
3143 1281	39x8x114,3 +0,5S +0,8S +1,0S	V675 V675N1 V675N2 V675N3	105-03363	332 332 332 332	314 31701	36,6x9,5x127,1	V1422		333		
3143 1591	33,4x8x114,3 +0,5S +0,8S +1,0S	V676 V676N1 V676N2 V676N3	105-03364	332 332 332 332	BDU 1399	37,2x7,4x93,8	V1489	105-35457	331		
3143 1491	40,5x8x114,6	V877	2048	332	BDU 1400	33,6x7,4x93,8	V1490	105-35458	331		
3142 A031	35,5x8x114,5	V878	2049	332	3142 H041	45x9x124,1	V1587	105-35611	334		
3143 1154	46,9x9,5x132,5	V887		334	3142 D061	42x9x124,1	V1588	105-35612	334		
3143 1142	40,5x9,5x132,5	V888		334	1457503	42x7x106,4	V1733		331		
3142 L071	45x9,5x122,9 +1,0S	V1077 V1077N3	105-35459	334 334	1457499	34x7x106,3	V1734		331		
3142 A051	37,5x9,5x123,3 +1,0S	V1078 V1078N3	105-35460	333 333	3142H007	41,8x7x115,5	V1841		331		
3142 H011	44x7x106,5	V1111		331	3142A091	38x7x115,5	V1842		331		
3142 A101	37,2x7x106,3	V1112		331	3142 H101	46,4x9x129,1	V2019		334		
3142 L072	45x9,5x123 +1,0S	V1185 V1185N3		334 334	3142 A171	41,6x9x128,4	V2020		334		
3142 L081	43x9x123 +1,0S	V1267 V1267N3		334 334	3142 H091	35x6x108,2	V2249		335		
3142 D051	41x9x123 +1,0S	V1268 V1268N3		334 334	3142 A181	33x6x107,9	V2250		335		
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					5 973 129	33,2x8x109	V506	17024	346		
					0948.33	42,6x8x118,6	V593	537819	344		
					0949.27	35,5x8x112,2	V594	537909	344		
					0948.93	39,4x7x111,5	V631	531007	340		
					0949.59	29,3x7x112,6	V632	537845	336		
					0948.91	36,7x7x112,8	V633	531012	337		
					0948.58	36,7x7x112,8	V694	537841	336		
					0948.56	41,6x8x108,8	V723	537853	341		
					0949.57	34,5x8x108,4	V724	537851	341		
					0948.75	34,6x7x106,4	V909	537131	343		
					0949.81	29,6x7x105,7	V910	537132	343		
					0948.82	34,1x6x106,4	V933	537141	342		
					0949.87	30,7x6x105,3	V934	537148	345		
					0948.54	39,5x8x105,2	V935	538181	342		
					0949.54	33x8x105,2	V936	538008	342		
					0948.47	40x8x108,8	V967	538180	341		
					0949.52	33x8x108,1	V968	538009	341		
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					0949.33	29,3x8x113,6	V970	535840	335		
					0948.66	42,6x8x108,8	V997	157579	345		
					0949.72	34,5x8x108,4	V998	157580	345		
					0948.99	33,3x6x106,2	V1091	531010	345		
					0949.99	28,9x6x103,6	V1092	531011	345		
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					0949.58	27,7x7x112,6	V1094	537844	335		
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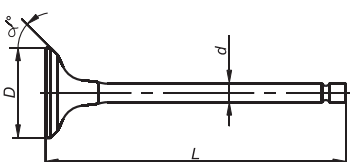
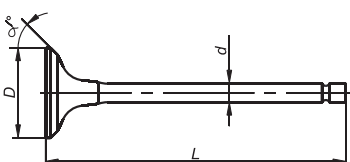
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0948.73	39,5x7x111,7	V1163	537505	338		+0,5S	V710N1		349		
0949.70	31,3x7x111,5	V1164	537506	338		+1,0S	V710N3		349		
0948.82	34,6x6x106,3	V1183	537006	345	0948.94	38,5x8x112,4	V721	531005	349		
0949.92	29,6x6x105,7	V1184	533033	342		+0,5S	V721N1		349		
0948.A5	35x6x108,4	V1247	531015	346		+1,0S	V721N3		349		
0949.A5	30,5x6x106,9	V1248	531016	346	0948.63	38,5x8x112,4	V721A	537708	350		
0948.C8	28,3x5,5x100,8	V1251		338		+0,5S	V721N1		350		
0949.C4	24,3x5,5x101,1	V1252		338		+1,0S	V721N3		350		
0948.61	34,6x7x106,4	V1273	537686	343	0949.60	33x8x111,9	V722	537747	349		
0949.62	29,6x7x105,8	V1274	537687	343		+0,5S	V722N1		349		
0948.A7	32,4x6x105	V1315	531027	344		+1,0S	V722N3		349		
0949.A7	29,2x6x102,6	V1316	531028	344	0948.37	40,4x8,5x116,2	V785	535129	353		
0948.83	28,8x6x104,4	V1341	537209	340	0949.25	33,4x8,5x116,2	V786	535130	353		
0948.A4	29,8x6x106	V1453	531023	340	0948.53	42,5x8,5x116	V793	537944	353		
0949.A4	27,2x6x104	V1454	531026	340	0949.50	35,5x8,5x116,3	V794	538210	353		
0948.A1	35x6x106	V1455	531019	346	95 638 449	35,5x7x108,4	V809	157714	347		
0949.A2	31,1x6x102,9	V1456	531020	346		+1,0S	V809N3		347		
0948.52	36x8x107	V1571	577999	339	95 638 450	30,6x7x108,2	V810	157729	347		
0949.53	29x8x107,7	V1572	577998	338		+1,0S	V810N3		347		
0948.51	34x8x107	V1573	577719	338	0948.84	41x7x115,7	V955	537257	352		
0948.62	41,6x8x105,2	V1575	537852	342	0949.90	37,8x7x115,4	V956	537019	352		
0949.63	34,5x8x104,8	V1576	537850	342	0948.95	35,6x6x107,1	V1085	531003	351		
0948.E8	28,8x5x105,7	V1673		339	0949.96	33,8x6x107,1	V1086	531004	351		
0949.E2	26x5x110,1	V1674		339	0948.74	37x7x108,5	V1089	537627	348		
0948.F9	30x5x97	V1701		339		+0,5S	V1089N1		348		
0949.F6	25,1x5x110,8	V1702		339	0949.80	31,5x7x108,2	V1090	537628	348		
0948.E2	27,4x5x88,4	V1721		335		+0,5S	V1090N1		348		
0949.C8	23,6x5x89,2	V1722		335	0948.68	33,9x8x122,3	V1095	537575	350		
0948.G4	29,7x5x95,1	V2031		339	0949.68	33,9x8x121,9	V1096	537555	350		
9676359080	29,1x5x92,5	V2123		338	0948.40	36,4x8x110,3	V1117	538721	348		
9676359180	26,1x5x91,8	V2124		338	0949.37	31x8x110	V1118	538720	348		
0948.64	39,3x8x111,8	V2171		338	0948.72	36,9x7x127,9	V1121	537503	352		
0949.65	31,2x8x111,6	V2172		338		+0,5S	V1121N1		352		
0948.F2	35x5,5x113,2	V2253		346		+1,0S	V1121N3		352		
0949.E7	29x5,5x105,8	V2254		346	0949.79	36,9x7x127,5	V1122	537554	352		
PEUGEOT DIESEL							+0,5S	V1122N1		352	
						+1,0S	V1122N3		352		
0948.A2	41x8x120,7	V326	17062	354	0948.A3	29,8x6x105	V1179	531021	352		
	+1,0S	V326N3		354	0949.A3	25x6x105	V1180	531022	352		
0948.96	43,5x8x122	V679	171015	354	0948.C2	32,8x5,5x97,3	V1205	181102	347		
	+1,0S	V679N3		354	0949.B1	30,3x5,5x97,3	V1206	181103	347		
0949.A0	35,9x8x122	V681	171055	354	0948.C0	29,9x6x106,2	V1313	531017	351		
	+1,0S	V681N3		354	0949.A9	25x6x106,1	V1314	531018	351		
0948.46	38x8x112,4	V709	538359	349		21,7x6x109,2	V1413		347		
	+0,5S	V709N1		349		21,7x6x109,2	V1414		347		
	+1,0S	V709N3		349	0948.C7	25,6x5,5x96,4	V1493	539009	348		
					0949.C3	23,4x5,5x96,6	V1494	539010	348		
					0948.45	42x8x121,4	V1623	151564	353		

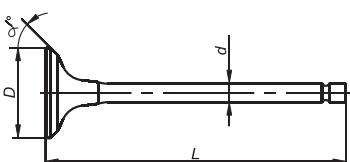
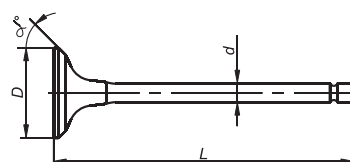
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0949.46	35x9x121,4	V1624	151554	353	7701 469 266	32,8x6x106,8	V867	511019	360
504072531	32,4x6x119,9	V1697		352	7701 469 269	29,9x6x106,7	V868	511020	360
504081062	32,4x6x119,9	V1698		352	7701 459 824	36,8x8x113,4	V969	536478	362
0948.E5	27,2x6x95,8	V1723		351	7701 459 825	29,3x8x113,6	V970	535840	362
0949.E1	25x6x95	V1724		351	7701 471 280	28,9x5,5x108,9	V982	539014	367
0948.E1	27,7x6x97,1	V1725		353	7700 107 602	32,7x5,5x109,3	V1013	531029	364
0949.C6	25,2x6x96,4	V1726		353	8200 054 762	28x5,5x107,6	V1014	531030	364
0948.H0	22,45x6x109,2	V1873		347	7701 465 495	36,4x7x111,8	V1035	517700	369
0949.G3	22,5x6x109,2	V1874		347	7701 465 497	40,1x7x112	V1036	51142	369
0948.F7	30,15x5,5x95,6	V2049		348	7701 465 496	30,4x7x111,9	V1037	51318	369
0949.F5	27,5x5,5x95,5	V2050		348	7701 465 172	30,7x7x107,5	V1075	517609	366
0948.F6	27,25x6x104,5	V2051		352	7700 747 324	28,6x7x109,1	V1076	512130	366
0948.G1	25,6x5,5x96,1	V2093	539009	348	7701 471 780	31,5x5,5x113,5	V1151		369
0949.F7	23,5x5,5x96,3	V2094	539010	348	7701 471 781	27,3x5,5x114	V1152		369
0948.F5	32,8x5,5x97,1	V2125		347	7701 466 606	40,1x8x107,1	V1155	510201	366
0949.F0	30,2x5,5x97,1	V2126		347	7701 466 607	32,7x8x106,9	V1156	510202	366
PORSCHE					7701 468 960	40x8x115,6	V1157	511015	366
022 109 601H	33,2x6x136,3	V1687		357	7701 468 961	32,5x8x115,3	V1158	511016	366
022 109 611P	30,2x6x136,1	V1688		357	7701 472 986	26x5,5x110,7	V1165		360
94810532252	33x6x108,2	V2108		357	7701 473 004	22x5,5x112,5	V1166		360
94810531253	32,5x6x109,5	V2120		356	7701 468 861	33x7x107,3	V1377	511011	367
94810531101	37,1x6x109,2	V2127		356	7701 468 862	28,3x7x108,8	V1378	511012	367
94810531200	32,5x6x109,5	V2128		356	7701 462 137	34,2x7x91,4	V1409	518206	361
94810532102	38,2x6x107,7	V2129		356	7701 474 099	37,1x6x96,4	V1727		369
94810532202	33x6x108,1	V2130		356	7701 474 100	31,4x6x94	V1728		369
PORSCHE DIESEL					13201-EN201	33,9x5,5x106,3	V1793		367
001330105	38x8x155,4	V1829		357	13202-EN200	27,7x5,5x105,2	V1794		367
001330205	34x8x155,4	V1830		357	4420439	27,7x6x104	V1797		367
RENAULT					4431241	26,1x6x103,8	V1798		367
7700 648 970	28,2x7x73	V230	516008	358	7701 463 787	37x8x111,3	V1920	538930	368
7701 458 195	25x7x73,8	V233	514975	358	7700 635 409	43,9x8x112	V1943	5362226	368
7701 458 180	33,4x7x89,8	V581	518293	359	7700 644 709	38,6x8x111,4	V1944	515170	368
7701 460 690	28,9x7x88,8	V582	518533	359	7701 471 279	33,4x5,5x110,1	V1983		367
7701 461 802	28,9x7x88,8	V582A	517962	361	132013562R	26,5x5,5x100,9	V2131		362
7701 465 088	37,6x7x107,8	V673	511017	363	132025379R	23,5x5,5x101,7	V2132		362
7701 465 090	33,6x7x107,8	V674	517646	363	566902A	40x8x110,7	V2201		364
7701 458 152	28,2x7x73	V720	516008	358	566903E	35,5x8x110,9	V2202		364
7438 610 007	31x7x104,1	V763	47145	367	629763A	36x8x105	V2203		364
7438 610 008	27x7x103,3	V764	47130	367	639199E	31,5x8x103,5	V2204		364
7701 463 081	38,2x8x111,5	V765	517982	365	7701 458 792	39x8x110,6	V2205		365
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7701 460 699	34x7x91,2	V858	516945	363	690577A	34x7x90,8	V2207		361
					7701 463 181	28,9x7x88,9	V2208		361
					7701 462 137	34,1x7x91,5	V2209		359
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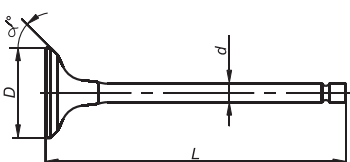
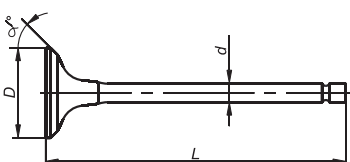
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	+0,3S	V199N		376		+0,5S	V470N1		372
	+0,5S	V199N1		376		+1,0S	V470N3		372
	+0,8S	V199N2		376	98 468 338	43,5x8x122	V679	171015	374
	+1,2S	V199N3		376		+1,0S	V679N3		374
	+0,5S/+0,2d	V199N5		376	98 418 161	36,5x8x122	V680	171016	374
	+0,5d	V199N6		376		+1,0S	V680N3		374
	+0,2d	V199N7		376	99 432 837	35,9x8x122	V681	171055	374
	+1,2S/+0,5d	V199N9		376		+1,0S	V681N3		374
	36,6x9,5x123,3	V200		376		38x9x117	V687	2723	375
	+0,3S	V200N		376		+1,0S	V687N3		375
	+0,5S	V200N1		376		35x9x117	V688	2721	375
	+0,8S	V200N2		376		+1,0S	V688N3		375
	+1,2S	V200N3		376	7701 468 035	35,2x8x111,6	V837	510203	370
	+0,5S/+0,2d	V200N5		376	7701 462 813	36,1x8x111,7	V855	517983	369
	+0,5d	V200N6		376		+1,0S	V855N3		369
	+0,2d	V200N7		376	7701 462 814	31,6x8x111,3	V856	517963	369
7701 463 603	+1,2S/+0,5d	V200N9		376		+1,0S	V856N3		369
	41x8x120,7	V326	17062	373	7701 462 232	40,2x8x111,6	V863	515120	371
	+1,0S	V326N3		373	7701 461 339	33,3x8x111,6	V864	515320	371
7701 203 675	34,4x8x122	V327	17064	373	7701 469 369	35x8x110	V885	539000	370
	+1,0S	V327N3		373	7701 469 373	31,3x8x109,8	V886	539001	370
	41x9x117	V337		377	7701 471 702	35,4x7x111	V951	511013	371
	38x9x117	V338		377	7701 471 703	32,6x7x110,8	V952	511014	371
	44,3x9,5x122,9	V343	105-03365	376	7701 471 703	32,6x7x110,8	V952	511014	371
	+0,075d	V343.1		376	7701 462 679	32,9x8x122	V966	17032	372
	+0,4d	V343.2		376	7701 473 184	33,4x6x101	V979	539017	369
	+0,3S	V343N		376	7701 473 183	28,9x6x100,8	V980	539018	369
	+0,5S	V343N1		376	7701 467 249	36,6x8x122	V1022	510209	373
	+0,8S	V343N2		376		+1,0S	V1022N3		373
	+1,2S	V343N3		376	7701 468 190	35x8x110,5	V1057		370
	+0,5S/+0,2d	V343N5		376	7701 468 193	31,5x8x110,5	V1058		370
	+0,5d	V343N6		376	7701 468 169	32,2x7x117,6	V1133	517419	372
	+0,2d	V343N7		376	7701 468 170	31,1x7x117,6	V1134	517482	372
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	36,6x9,5x123,3	V344	105-03366	376	7701 472 670	29,5x6x123,1	V1280	539021	372
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	+0,4d	V344.2		376	7701 475 381	30x7x113,4	V1468		374
	+0,3S	V344N		376	13201-00Q0A	27,7x6x104	V1797		371
	+0,5S	V344N1		376	13202-00Q0A	26,1x6x103,8	V1798		371
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	+1,2S	V344N3		376	132024894R	23,4x6x104,1	V2104		370
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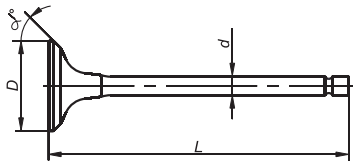
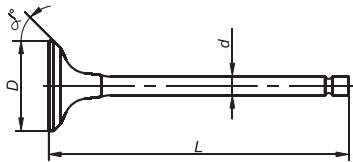
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	+0,5S	V199N1		379		+1,0S	V681N3		378
	+0,8S	V199N2		379	5000 046 569	56,9x12x148,9	V690	2521	382
	+1,2S	V199N3		379	3142 L071	45x9,5x122,9	V1077	105-35459	380
	+0,5S/+0,2d	V199N5		379		+1,0S	V1077N3		380
	+0,5d	V199N6		379	3142 A051	37,5x9,5x123,3	V1078	105-35460	380
	+0,2d	V199N7		379		+1,0S	V1078N3		380
	+1,2S/+0,5d	V199N9		379		34x8x125,9	V1221		381
	36,6x9,5x123,3	V200		379		38x8x152,7	V1222		381
	+0,3S	V200N		379		34x8x128,9	V1223		381
	+0,5S	V200N1		379	5000280785	52x11x155,1	V1301	2520	381
	+0,8S	V200N2		379	5000280784	43x11x155,5	V1302	2504	381
	+1,2S	V200N3		379	5000 678 873	60x12x204,4	V1353	59121	382
	+0,5S/+0,2d	V200N5		379	5000 678 652	52x12x205,1	V1354	59115	382
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	+0,2d	V200N7		379	5010412164	38x8x185,5	V1418	48307	382
	+1,2S/+0,5d	V200N9		379	5000667762	46,5x10x140,2	V1651	59108	380
500 046 567	48,9x12x148,5	V304	2530	382	5000676258	40,6x10x140,2	V1652	59109	380
7701 463 603	41x8x120,7	V326	17062	378	5000663529	54x9x163,3	V1653	598142	381
	+1,0S	V326N3		378	5000663469	48x9x163,1	V1654	598141	381
7701 203 675	34,4x8x122	V327	17063	378	5010284847	43x9,5x179,2	V1729		382
	+1,0S	V327N3		378	5010284848	39,9x9,5x177,5	V1730		382
5000 278 461	55,9x12x148,9	V339	2531	382		40x8x192	V1879		382
	44,3x9,5x122,9	V343	105-03365	379		38x8x192,7	V1880		382
	+0,075d	V343.1		379		44,2x9,5x122,8	V1941	105-35608	379
	+0,4d	V343.2		379		45,8x10x140,2	V2163		380
	+0,3S	V343N		379		39x10x140,2	V2164		380
	+0,5S	V343N1		379	5000824990	44,9x9,5x173,8	V2347		382
	+0,8S	V343N2		379	5000824991	42x9,5x172,8	V2348		382
	+1,2S	V343N3		379	ROLLS-ROYCE				
	+0,5S/+0,2d	V343N5		379		42x7x104	V1177	11673	383
	+0,5d	V343N6		379		36x7x103	V1178	11672	383
	+0,2d	V343N7		379	ROMAN DIESEL				
	+1,2S/+0,5d	V343N9		379		55,9x12x148,9	V303	2554	383
	36,6x9,5x123,3	V344	105-03366	379		48,9x12x148,5	V304	2530	383
	+0,075d	V344.1		379		55,9x12x148,9	V339	2531	383
	+0,4d	V344.2		379	ROTAX				
	+0,3S	V344N		379		31x5x91	V2219		383
	+0,5S	V344N1		379		27x5x89,4	V2220		383
	+0,8S	V344N2		379		38x6x90,3	V2369		383
	+1,2S	V344N3		379		30,9x6x90,6	V2370		383
	+0,5S/+0,2d	V344N5		379					
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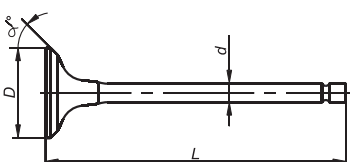
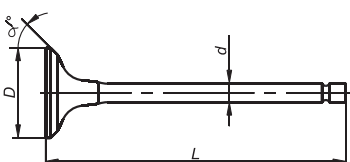
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14711— PG6— 000	30x6,6x105,5	V1015	V3436	384		0948.74	37x7x108,5	V1089	537627	387	
14721— PG6— 000	27x6,6x104,6	V1016	S4276	384			+0,5S	V1089N1		387	
	32,9x6x106,1	V1131	11960	386		0949.80	31,5x7x108,2	V1090	537628	387	
	30,4x6x105,7	V1132	11964	386			+0,5S	V1090N1		387	
1134 1 736 549	34,9x6x104,1	V1281	11539	386		AEU 2296	40,2x8x121	V1167	4077	390	
1134 1 741 231	30,4x6x103,6	V1282	11897	386		LGH 10041	34x8x121	V1168	4078	390	
LGH 10029	27,7x6x89,6	V1329	105-354 74	384		LGH 100990	37,2x7x86,7	V1333	801005	389	
LGH 10028	24,2x6x90	V1330	105-354 75	384		LGH 100980	32,5x7x86,7	V1334	801006	389	
LGH 10064	31,5x6x89,6	V1331	801 003	385		1134 7 791 054	30,6x6x100	V1487		387	
LGH 10065	27,5x6x90	V1332	801 004	385		1134 7 791 055	28x6x99,8	V1488		387	
WAM 4002	33,6x7x90,5	V1431	105-35484	384		LGH 10036	37,2x7,4x93,8	V1489	105-35457	389	
WAM 4003	31,2x7x91	V1432	105-35485	384		LGH 10037	33,6x7,4x93,8	V1490	105-35458	389	
LGH 101310	30x5,5x118,7	V1503		385		ERR1157	39,5x8x116,5	V1647	105-35476	389	
LGH 101330	26x5,5x116	V1504		385		ERR1156	36,5x8x116,5	V1648	105-35477	389	
14711 — PM3— 000	29x5,5x115	V1529	V3816	385		0948.E5	27,2x6x95,8	V1723		389	
14721—PM3—000	24,9x5,5x118,7	V1530	S3817	385		0949.E1	25x6x95	V1724		389	
LGH 101060	31,9x7,1x110,8	V1655	105-35486	386		1311281	27,7x6x97,1	V1725		390	
LGH 101000	29,4x7,1x110,8	V1656	105-35487	386		1316137	25,2x6x96,4	V1726		390	
1134 1 485 585	30,3x6x109,5	V1705		385		ERR 6611	34,7x7x105,3	V1731		389	
1134 7 829 943	23,3x6x118,3	V1706		385		ERR 6612	31,7x7x105,3	V1732		389	
LGH 000030	39,9x8,7x117	V2323		386		RUGGERINI					
LGH 000040	24,3x8,7x117	V2324		386		960.49	33x7x95	V425		390	
4646005	34,8x5x105,3	V2325		387		960.50	30x7x95	V426		390	
4646004	30,9x5x105,1	V2326		387		960.022	30,5x9x105	V661		390	
ROVER DIESEL						960.023	30,5x9x105	V662		390	
LGH 10052	33x8x111,9	V710	537450	388		960.016	35x9x105	V663		390	
	+0,5S	V710N1		388		960.015	35x9x105	V664		390	
	+1,0S	V710N3		388		960.58	37x7x84,5	V1083		390	
LGH 10053	38,5x8x112,4	V721	531005	388		960.59	33x7x84,5	V1084		390	
	+0,5S	V721N1		388		SAAB					
	+1,0S	V721N3		388		45 00 849	32x6x102,1	V511	29375	391	
LGH 10051	38,5x8x112,4	V721A	537708	388		45 00 864	29x6x92,2	V512	29354	391	
	+0,5S	V721N1		388		905360095	31,2x5x101,4	V1003	341001	391	
	+1,0S	V721N3		388		90536164	27,5x5x100,8	V1004	341002	391	
LGH 10054	33x8x111,9	V722	537747	388		12786696	35,1x6x102,3	V1069	291109	391	
	+0,5S	V722N1		388		12791961	30,1x6x100,9	V1070	291110	391	
	+1,0S	V722N3		388		7484801	32x7x108,3	V1945	5200	391	
95638449	35,5x7x108,4	V809	157714	387		7500085	29x7x108,3	V1946	105-35501	391	
	+1,0S	V809N3		387		9165580	33x7x107,8	V1947	105-35500	392	
95638450	30,6x7x108,2	V810	157729	387		12601763	38,6x6x105,8	V2279		392	
	+1,0S	V810N3		387		12601762	33,5x6x107,9	V2280		392	
STC 2156	35,9x6x103,7	V939	11732	387		9185851	33,1x5x107,5	V2353		392	
STC 2149	30,9x6x103,5	V940	11682	387		9179219	29x5x107,9	V2354		392	
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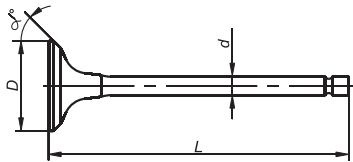
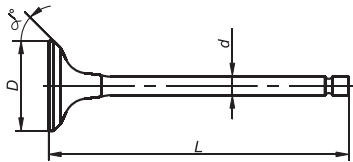
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4772414	26x6x97,1	V954	290003	393		324675	54x11x162,5	V595A	105-35357	397	
641 083	35,5x8x115	V1033	171046	393		232018	45x11x162,5	V596	105-34928	397	
641 089	34,5x8x115	V1034	171047	393		1333230	44x10x171,5	V1365	105-35547	397	
641 074	27,8x6x114,4	V1415		393		1445830	41x10x171,5	V1366	105-35548	397	
641 386	25,8x6x114,4	V1416		393		215715	50x11x169	V1427	105-34961	396	
	27,5x6x98,5	V1779		393		243648	42x11x169	V1428	105-34965	396	
	26,5x6x98,1	V1780		393		391608	51x11x162,5	V1615	105-35491	396	
SACM						SEAT					
DLT 55651	56,6x12x212,4	V473		393		366256	44x11x162,5	V1616	105-35504	396	
DLT 55863	51,2x12x212,1	V474		393		1386647	46x11x162,5	V1949	105-35626	397	
SAME						414395					
	48x9x139	V1525	22221	393		185 4798	44x10x171,4	V1950	105-35627	397	
	42x9x139	V1526	22220	393		177 8492	41x10x171,5	V2133	105-35639	397	
SAURER						2032823					
463 0051 150	43,9x10x166,9	V1285	3108	394		4 265 695	29x7x95,3	V257	17004	398	
463 0005 141	38,9x10x166,9	V1286	3110	394		4 377 979	26x7x95,7	V258	17021	398	
463 0051 160	43,9x10x166,9	V1287	3109	394		030 109 601C	36x8x98,9	V645	39255	400	
SAVIEM						030 109 611A					
	55,9x12x148,9	V303	2554	395		030 109 601E	32x8x99,3	V682	39268	399	
	48,9x12x148,5	V304	2530	395		026 109 611A	33,2x8x91	V702	33048	403	
	55,9x12x148,9	V339	2531	395		053 109 611	33,2x8x91	V702B	3347	403	
	58x12x148,9	V405	2505	395		047 109 601D	34x7x101,4	V703	331053	398	
	51,9x12x148,5	V406	2510	395		047 109 611D	30,1x7x101,4	V704	331054	398	
	58x12x142,5	V455	25237	396		035 109 601H	38x8x91	V754	33034	403	
	+0,5S	V455N1		396		027 109 601C	32x7x95,5	V779	33125	403	
	+1,0S	V455N3		396		027 109 611D	28x7x98,2	V780	33050	403	
	51x12x142,5	V456	25238	396		030 109 601 AH	35,6x7x94,7	V783	39530	401	
	+0,5S	V456N1		396		032 109 611G	29x7x95	V784	39467	401	
	+1,0S	V456N3		396		035 109 601K	38x8x91,9	V796	33282	403	
	57x12x142,5	V461	2573	396		058 109 601C	26,9x6x105,1	V839	33413	404	
	58x12x142,5	V691	2507	396		058 109 611M	29,9x6x103,9	V840	33394	404	
	52x11x155,1	V1301	2520	395		030 109 601N/M	32x7x99,3	V847	390058	399	
	43,1x11x155,5	V1302	2504	395		030 109 611D	28,9x7x99,1	V848	39363	399	
	45,8x10x140,2	V2163		394		030 109 601 AG	31x7x94,7	V851	39542	398	
	39x10x140,2	V2164		394		030 109 611N	26x7x94,4	V852	39515	398	
5000 044 429	46x10x140	V2165		394		078 109 601B	39,5x7x91,9	V869	33403	402	
						048 109 611B	32,9x7x91,2	V870	33416	402	
						030 109 601L	36x7x99,3	V874	331100	400	
						051 109 601B	32x7x95,5	V889	33308	404	
						051 109 611B	27x7x98	V890	33309	404	
						048 109 601A	39,5x8x91,9	V899	33313	406	
						032 109 601G	34,6x7x94,8	V922	39367	402	
						021 109 601L	39x7x106	V929	331040	405	
						021 109 611F	34,2x7x107	V930	331030	405	
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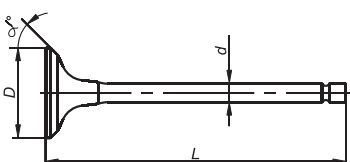
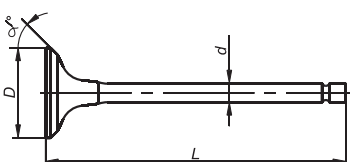
									
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3940 3030	32x7x103	V1039	7102	400		+0,3S	V544N		409
3940 3040	28x7x103	V1040	7103	400		+0,5S	V544N1		409
3940 2830	34x7x103	V1045	7100	406		+0,8S	V544N3		409
3940 2840	30x7x103	V1046	7101	406		+1,5S	V544N4		409
030 109 601G	34x7x99	V1067	39360	400		+1,0S	V544N5		409
036 109 601P	29,5x6x97,9	V1107	331037	401	030 109 611A	28,9x8x99,1	V646	39114	406
036 109 611L	26x6x97,3	V1108	331038	401	615 053 0101	38,8x10x131,5	V651	2622	414
030 109 601AL	33,5x6x99,2	V1109	331046	401		+1,0S	V651N3		414
030 109 611T	28x6x99,2	V1110	331047	399	615 053 0705	33,2x10x131	V652	2696	414
022 109 601E	31x6x102,1	V1217	331041	405		+1,0S	V652N3		414
022 109 611C	27x6x136,4	V1218	331042	405	069 109 601F	36x8x95,1	V697	39123	408
022 109 601F	31x6x136	V1219		405		+0,5S	V697N1		408
022 109 611B	27x6x102,5	V1220		405		+0,8S	V697N3		408
032 109 601L	34,5x6x99,2	V1265		399	069 109 601H	36x8x95,1	V697A	39143	409
048 109 601E	38x7x91,8	V1293	33410	404		+0,5S	V697N1		409
06B 109 601D	39,4x6x93,8	V1379	331057	403		+0,8S	V697N3		409
06B 109 611C	32,9x6x93,8	V1380	331058	403	074 109 611	31,2x8x95,1	V698	33049	408
030 109 601AK	31x6x99	V1439	331057	399		+0,5S	V698N1		408
030 109 611S	26x6x99	V1440	331057	399		+0,8S	V698N3		408
06D 109 601K	33,8x6x104	V1605	331057	406	030 109 601	34x8x99,1	V719	39262	406
06D 109 611K/L	28x6x101,9	V1606	331116	406	069 109 601D	36x8x104,9	V756	3909	408
058 109 611E	29,9x6x103,9	V1634	331107	405		+0,5S	V756N1		408
03F 109 601A	35,4x6x98,7	V1957		399		+1,0S	V756N3		408
03F 109 611B	30x6x98,4	V1958		399	028 109 601B	36x7x95,5	V805	331035	409
06D 109 601M	33,8x6x104	V2027	331125	406		+0,5S	V805N1		409
04E 109 601	29,5x5x110,3	V2135		399	028 109 611E	31,1x7x95,6	V806	331036	409
04E 109 611L	26,9x5x110,3	V2136		399		+0,5S	V806N1		409
04E 109 601B	28,5x5x110,3	V2177		401	028 109 601D	36x7x96,9	V811	39486	410
04E 109 611J	25,1x5x110,1	V2178		401		+0,5S	V811N1		410
04E 109 601A	26,4x5x110,2	V2355		399	028 109 611G	31,4x7x96,9	V812	39487	410
04E 109 611K	23,5x5x110,1	V2356		399		+0,5S	V812N1		410
SEAT DIESEL					028 109 601H	36x8x96,8	V821	39423	410
						+0,5S	V821N1		410
					046 109 611F	31,5x8x96,9	V822	33380	410
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					028 109 601J	36x7x96,5	V831	39502	410
						+0,5S	V831N1		410
					028 109 611K	31,5x7x96,3	V832	39503	410
						+0,5S	V832N1		410
					030 109 611D	28,9x7x99,1	V848	39363	407
					038 109 601B	36x7x90	V919	331033	407
						+0,5S	V919N1		407
						+1,0S	V919N3		407
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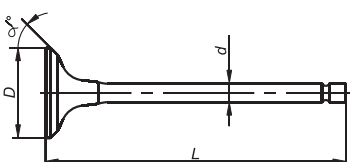
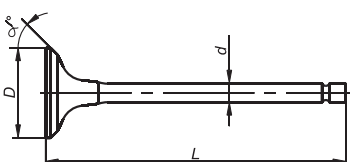
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4 368 843	38,4x8x126	V1027	17038	413	441 0 1209 311.6	31,2x8x99,8	V573	4003	415
4 368 845	33,4x8x126	V1028	17039	413	441 0 1209 312.6	32,2x8x99,8	V574	4011	416
030 109 601J	34x7x99	V1067	39360	407	441 0 1209 327.6	+0,25d	V361		416
03G 109 601A	29,4x6x88,5	V1491	331119	412	441 0 1209 320.6	34x8x99,8	V575	54113	416
03G 109 611B	25,5x6x88,2	V1492	331120	412	441 0 1209 318.6	+0,25d	V356		416
03G 109 601B	29,2x6x87,8	V1607	331121	413	053 109 611	33,2x8x91	V702B	33047	418
03G 109 611D	25,4x6x87,5	V1608	331122	413	047 109 601D	34x7x101,4	V703	331053	416
038 109 601E	36x7x89,5	V1663	331123	408	047 109 611D	30,1x7x101,4	V704	331054	416
	+0,5S	V1663N1		408	030 109 601 AH	35,6x7x94,7	V783	39530	417
038 109 611E	31,5x7x89	V1664	331124	408	032 109 611G	29x7x95	V784	39467	417
	+0,5S	V1664N1		408	035 109 601J	38x8x91,9	V796	33282	418
03L 109 601	28,1x6x99,3	V1693	331131	413	058 109 601C	26,9x6x105,1	V839	33413	418
03L 109 611	26x6x99,1	V1694	331132	413	058 109 611M	29,9x6x103,9	V840	33438	418
038 109 611F	31,5x7x89,5	V1832		412	030 109 601 AG	31x7x94,7	V851	39542	415
03L 109 601A	26,6x6x99,3	V2029		407	030 109 611N	26x7x94,4	V852	39515	415
03L 109 611A	24,5x6x99,1	V2030		407	078 109 601B	39,5x7x91,9	V869	33403	418
S.E.M.T. PIELSTICK									
24 018 0165 00	64x14x222	V362		414	048 109 611B	32,9x7x91,2	V870	33416	418
24 018 0392 00	63x14x250	V363		414	036 109 601S	29,5x6x100,9	V957	39522	417
3-02996-80	64x14x222	V509		414	036 109 611K	26x6x100,5	V958	39523	417
3-01076-80	63x14x250	V510		414	36 109 601P	29,5x6x97,9	V1107	331037	417
25 018 0461 00	67x14x232	V521		414	36 109 611L	26x6x97,3	V1108	331038	417
25 018 0329 00	65x14x260	V522		414	030 109 611T	28x6x99,2	V1110	331047	417
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10 215 1209	28,2x7,5x99,8	V74	4223	415	032 109 601L	34,5x6x99,2	V1265		417
10 219 1209	+0,25d	V158		415	06B 109 601D	39,4x6x93,8	V1379	331057	418
10 197 1209	31,2x7,5x99,8	V75	4224	415	06B 109 611C	32,9x6x93,8	V1380	331058	418
10 201 1209	+0,25d	V244		415	047 109 601F	34x7x103,8	V1469	331051	415
441 0 1209 270.6	32,2x7,5x99,8	V193	4374	415	047 109 611B	27x7x103,8	V1470	331052	415
441 0 1209 260.6	27,2x7,5x99,8	V194	4375	415	06D 109 601K	33,8x6x104	V1605	331116	419
441 0 1209 264.6	27,2x8x99,8	V195	4311	416	06D 109 611K/L	28x6x101,9	V1606	331117	419
441 0 1209 328.6	+0,25d	V359		416	058 109 611E	29,9x6x103,9	V1634	331107	419
441 0 1209 266.6	32,2x8x99,8	V198	4004	416	03F 109 601A	35,4x6x98,7	V1957		415
441 0 1209 327.6	+0,25d	V361		416	03F 109 611B	30x6x98,4	V1958		415
441 0 1209 310.6	27,2x8x99,8	V351	54110	416	06D 109 601M	33,8x6x104	V2027	331125	419
441 0 1209 328.6	+0,25d	V359		416	04E 109 601	29,5x5x110,3	V2135		416
441 0 1209 321.6	29x8x99,8	V352	54114	416	04E 109 611L	26,9x5x110,3	V2136		416
441 0 1209 355.6	+0,25d	V360		416	04E 109 601B	28,5x5x110,3	V2177		417
441 0 1209 322.6	32,2x8x99,8	V355	54109	416	04E 109 611J	25,1x5x110,1	V2178		417
441 0 1209 346.6	34x8x101,3	V366	54117	416	04E 109 601A	26,4x5x110,2	V2355		417
441 0 1209 347.6	30x8x101,8	V367	54118	416	04E 109 611K	23,5x5x110,1	V2356		417
	+0,25d	V370		416	ŠKODA DIESEL				
047 109 601	34x8x101,5	V513		416	069 109 601F	36x8x95,1	V697	39123	420
047 109 611	30,1x8x101,5	V514		416		+0,5S	V697N1		420
						+0,8S	V697N3		420
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						+0,8S	V698N3		420

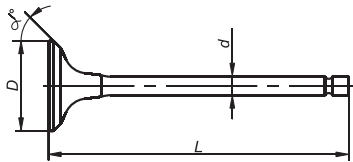
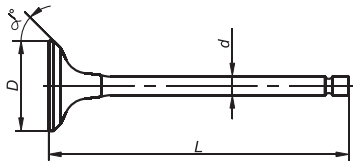
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ŠKODA DIESEL					SMART DIESEL				
028 109 601B	36x7x95,5 +0,5S	V805 V805N1	331035	420	660 053 0101	27,6x6x91,2	V1597		424
028 109 611E	31,1x7x95,6 +0,5S	V806 V806N1	331036	420	660 053 0005	25,2x6x91,2	V1598		424
028 109 601D	36x7x96,9 +0,5S	V811 V811N1	39486	421	642 053 0401	28,5x6x102,3	V1743		424
028 109 611G	31,4x7x96,9 +0,5S	V812 V812N1	39487	421	642 050 0527	25,4x6x102,3	V1744		424
028 109 601H	36x8x96,8 +0,5S	V821 V821N1	39423	422	SSANG YONG				
046 109 611F	31,5x8x96,9 +0,5S	V822 V822N1	33380	422	111 053 1101	35x7x101,5	V1229	26048	425
028 109 601J	36x7x96,5 +0,5S	V831 V831N1	39502	421	111 050 1227	31x7x103,5	V1230	26049	425
028 109 611K	31,5x7x96,3 +0,5S	V832 V832N1	39503	421	111 053 0101	35x7x101,5	V1547	26208	425
059 109 601B	27,1x6x100,5	V879	33463	419	111 050 0527	31x7x103,5	V1548	261114	425
059 109 611B	24,1x6x100,5	V880	33464	419	SSANG YONG DIESEL				
038 109 601B	36x7x90 +0,5S	V919 V919N1	331033	421	601 053 1701	38x8x106,4 +0,5S	V653 V653N1	26024	426
038 109 611B	31,5x7x90 +0,5S	V920 V920N1	331034	421		+0,8S	V653N2		426
059 109 601F	27,1x6x100,6	V1277	331110	419		+1,0S	V653N3		426
059 109 611G	24,1x6x100,6	V1278	331111	419		+1,2S	V653N4		426
03G 109 601B	29,2x6x87,8	V1607	331121	422		+1,0L	V653N5		426
03G 109 611D	25,4x6x87,5	V1608	331122	422	83EM6207BB	42,5x8,5x116	V793	537944	426
059 109 601G	28,6x6x99,3	V1609		423	83EM6205AB	35,5x8,5x116,3	V794	538210	426
059 109 611K	26,8x6x99,2	V1610		423	601 050 2327	35x9x106,4 +0,5S	V912	26145	426
038 109 601E	36x7x89,5 +0,5S	V1663 V1663N1	331123	420		+0,8S	V912N1		426
038 109 611E	31,5x7x89 +0,5S	V1664 V1664N1	331124	420		+1,0S	V912N2		426
03L 109 601	28,1x6x99,3	V1693	331131	423		+1,2S	V912N3		426
03L 109 611	26x6x99,1	V1694	331132	423		+1,0L	V912N4		426
038 109 611F	31,5x7x89,5	V1832		421		30,5x6x109	V1369		426
03L 109 601A	26,6x6x99,3	V2029		420		27,5x6x108,7	V1370		426
03L 109 611A	24,5x6x99,1	V2030		420	STEYR				
SMART					102 053 1801	43x8x115	V991	26160	427
160 053 0001	30x6x89,3	V1125	261104	423	102 050 0327	39x9x115,8	V992	2655	427
160 050 0027	25x6x89,3	V1126	261105	423	102 053 1701	46x8x114,9	V993	26135	427
1350530001	30,4x5x89,6	V1861		424	111 053 0201	35x7x101,5	V1547	26208	427
1350530005	25,4x5x90,9	V1862		424	111 050 0527	31x7x103,5	V1548	261114	427
132 053 0001	28x5x85,5	V2137		424	113 053 0101	36x7x119,4	V1551	261032	427
132 053 0005	25x5x86,9	V2138		424	113 050 0227	41x7x122,3	V1552	261033	427
SMART DIESEL					113 053 0201	38x7x119,1	V1553	261034	427
407 0501	41,9x9x142,5	V177	3290	429	113 050 0327	43x7x121,8	V1554	261035	427
407 0502	36,9x9x142,5	V178	3291	429	STEYR DIESEL				
610 6005 0002	39x10x149,5 +1,0S	V345 V345N3	3275	429	407 0501	41,9x9x142,5	V177	3290	429
				429	407 0502	36,9x9x142,5	V178	3291	429
				429	610 6005 0002	39x10x149,5 +1,0S	V345 V345N3	3275	429

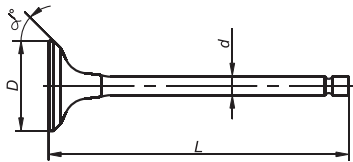
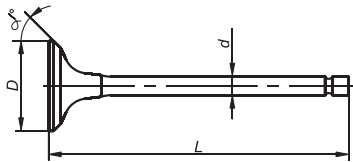
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STEYR DIESEL					SUBARU				
614 6005 0007	50,9x12x158,5	V346	3294	430	13201-AA080	32,5x6x101	V1401		432
615 6005 0006	48,9x12x158,4	V347	32150	430	13202-AA110	28x6x101,2	V1402		432
311 0005 0014	42x9x142,5	V349	3218	429	13201-AA361	36x6x120,6	V1403		432
311 0005 0015	37x9x142,5	V350	3219	429	13202-AA371	31,4x6x121,7	V1404		432
609 F05 0002	45x10x149,5	V535	3280	429	12911- 54G00	30x5,5x101	V1471		430
	+1,0S	V535N3		429	12915-54G00	25x5,5x99	V1472		430
610 6005 0001	48x10x149,5	V634		430		31x6,6x100,9	V1619	V4324	431
	+1,0S	V634N3		430		33x6,6x101	V1620	S4325	431
615 053 0101	38,8x10x131,5	V651	2622	428	13201-AA351	34x6x120,6	V1809		432
	+1,0S	V651N3		428	13202-AA361	30x6x121,6	V1810		432
615 053 0705	33,2x10x131	V652	2696	428	13201-AA371	35,9x6x104,4	V1811		432
	+1,0S	V652N3		428	13202-AA400	32x6x104,6	V1812		432
601 053 1701	38x8x106,4	V653	26024	428	13201-AA420	32,5x6x120,6	V1925	791003	431
	+0,5S	V653N1		428	13202-AA430	28,5x6x121,7	V1926	791004	431
	+0,8S	V653N2		428	13201-AA430	34x6x120,6	V1927		432
	+1,0S	V653N3		428	13202-AA440	32x6x104,7	V1928		432
	+1,2S	V653N4		428		29,3x6x104,5	V2007		431
	+1,0L	V653N5		428		24x6x105,7	V2008		431
616 053 0301	39,8x10x131,5	V655	2605	429	13711-47010	28,9x5,5x103,4	V2139		430
	+1,0S	V655N3		429	13715-47010	24,3x5,5x104,6	V2140		430
616 050 0527	34,2x10x131	V656	2631	429		35x5,5x99,8	V2179		432
	+1,0S	V656N3		429		30,5x5,5x105,25	V2180		432
615 6005 0022	50,9x11x159,4	V683	32104	430	13202-AA381	32x6x104,7	V2224		432
615 6005 0027	48,9x11x158,4	V684	32111	430	13202-AA530	30,5x5,5x105,2	V2226		432
	42x10x136,3	V746	2560	429	13201-AA530	29,3x6x104,4	V2357		431
	29x6x105,4	V907	26045	428	13202-AA560	24x6x105,7	V2358		431
	26x7x105,7	V908	26047	428	SUBARU DIESEL				
601 050 2327	35x9x106,4	V912	26145	428	641 072	21,7x6x109,2	V1413		433
	+0,5S	V912N1		428	641 071	21,7x6x109,2	V1414		433
	+0,8S	V912N2		428		30,6x6x100	V1487		433
	+1,0S	V912N3		428		28x6x99,8	V1488		433
	+1,2S	V912N4		428		22,45x6x109,2	V1873		433
	+1,0L	V912N5		428		22,5x6x109,2	V1874		433
	49x10x136,6	V932	25127	429	SUZUKI				
	26x6x105,7	V1054	26046	428	22211-21010	34x6,6x102,1	V1145	V3142	434
	29x6x105,4	V1059	26264	428	22212-21004	30x6,6x100,9	V1146	S3143	434
	26x6x105,7	V1060	26265	428	12911-82000	36x7x115,5	V1307	V3663	433
SUBARU					12915-82000	30x7x114,5	V1308	S3664	433
	32x6x102,1	V511	29375	431	12991-71 C00	29,2x5,5x92,2	V1335	V4319	435
	29x6x92,2	V512	29354	431	12915-71 C00	25x5,5x79,9	V1336	S4320	435
13201-AA340	36x6x105,9	V1243		431	12911- 54G00	30x5,5x101	V1471		435
13202-AA320	32x6x106,2	V1244		431	12915- 54G00	25x5,5x99	V1472		435
12911- 82000	36x7x115,5	V1307	V3663	431	12911- 60A10	36,5x7x115,6	V1577		436
12915- 82000	30x7x114,5	V1308	S3664	431	12915- 60A50	32,5x7x114,5	V1578		436
12911- 71C00	29,2x5,5x92,2	V1335	V4319	431					
12915-71C00	25x5,5x79,9	V1336	S4320	431					

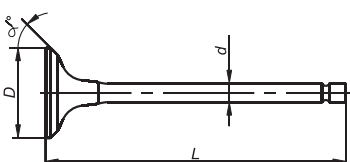
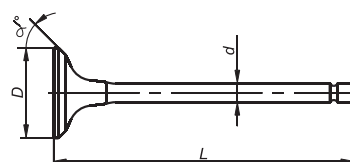
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SUZUKI					SUZUKI DIESEL				
12911—69G00	30x6x100,8	V1635		436	12911—73J00	24,3x5,5x96,4	V1457		436
12915—69G00	25x6x99	V1636		436	12915—73J00	22,4x5,5x96,6	V1458		436
12911—M84400	26,6x5,5x90,5	V1813		434		39,4x8x106,8	V1511		438
12915—M84400	23,4x5,5x87,1	V1814		434		35,1x8x106,8	V1512		438
12911—73G00	24,6x5,5x80,2	V1815		434	12911—78E00	39,4x8x106,8	V1819		438
12915—73G00	21,5x5,5x81,3	V1816		434	12915—78E00	35,1x8x106,8	V1820		438
12911—M72F10	34x7x117,5	V1817		434	12911—68L10—000	22,45x6x109,2	V1873		436
12915—M72F10	28,1x7x116,3	V1818		434	12915—68L10—000	22,5x6x109,2	V1874		436
4708925	27,5x5,5x87,5	V1923		434	TATA DIESEL				
4708933	22,9x5,5x87,1	V1924		434	0948.59	38,5x8x112,4 +0,5S +1,0S	V721 V721N1 V721N3	531 005	439
12911—M73012	31,5x7x110	V1951	V3661	433	0949.60	33x8x111,9 +0,5S +1,0S	V722 V722N1 V722N3	537 747	439
12915—M73012	27,4x7x109,8	V1952	S3662	433	279005125104	36x7x109	V1929		439
12911—86500	29x5,5x105,3	V1979		436	279005125105	30,5x7x109	V1930		439
12915—86500	24,1x5,5x104,6	V1980		436	TATRA				
12911—69L00—000	27,5x5x87,5	V2111		434	442 0 1209 020.4	52x10x144	V214		439
12915—69L00—000	22,9x5x87,1	V2112		434	442 0 1209 021.4	48x10x144	V215		439
12911—86F50	33x6x86,3	V2141		436	442 0 1209 022.4	52x10x138	V331		439
12915—86F50	28x6x85,9	V2142		436	442 0 1209 023.4	48x10x138	V332		439
SUZUKI DIESEL					928 1 0410.1	52x10x144	V371		439
LGH 10052	33x8x111,9 +0,5S +1,0S	V710 V710N1 V710N3	537 450	437	928 1 0411.1	45x10x144	V372		439
LGH 10053	38,5x8x112,4 +0,5S +1,0S	V721 V721N1 V721N3	531 005	437	442 0 1209 026.8	52x10x144	V1351		439
LGH 10051	38,5x8x112,4 +0,5S +1,0S	V721A V721N1 V721N3	537 708	438	442 0 1209 027.8	45x10x144	V1352		439
LGH 10054	33x8x111,9 +0,5S +1,0S	V722 V722N1 V722N3	537 747	437	TORPEDO				
12910—67JG0	35,4x7x111	V951	511013	437	V500 0614	50x11,5x137	V19		440
12915—67JG0	32,6x7x110,8	V952	511014	437	500 0615a	42x11,5x137	V20		440
13201—BN700	33,4x6x101	V979	539017	437	101 0614b	44x10x180	V21		440
13202—BN700	28,9x6x100,8	V980	539018	437	600 0614	53x11x167	V23		440
RF01—12—111	41x8x107	V1023	V3639	439	600 0615	48x11x167	V24		440
RF01—12—121	36x8x106,8	V1024	S3640	439	T 701 0615	32x8x114,5 +0,5S +1,0S	V31 V31N1 V31N3		440
	35,5x8x115	V1033	171046	437	T 701 0614	32x8x114,5 +0,5S +1,0S	V32 V32N1 V32N3		440
	34,5x8x115	V1034	171047	437	V 500 0615b	42x11,5x137	V34B		440
0948.95	35,6x6x107,1	V1085	531003	438	B 700 0614	38x8x114,5 +0,5S +1,0S	V173 V173N1 V173N3		440
0949.96	33,8x6x107,1	V1086	531004	438					440
0948.C0	29,9x6x106,2	V1313	531017	438					440
0949.A9	25x6x106,1	V1314	531018	438					440
12911—85E00	21,7x6x109,2	V1413		436					440
12915—85E00	21,7x6x109,2	V1414		436					440

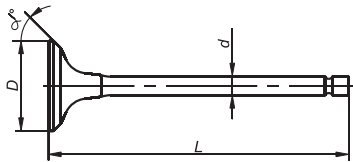
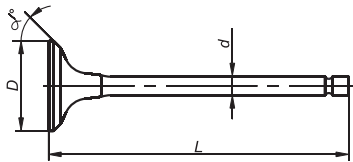
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TORPEDO						TOYOTA					
B 700 0615	34x8x114,5	V174		440		13711-31100	38x5,5x105,9	V2331		446	
	+0,5S	V174N1		440		13715-31120	32x5,5x110,4	V2332		446	
	+1,0S	V174N3		440		13711-75110	37,5x5,5x106,4	V2359		446	
D 700 0614	38x8x120,5	V353		440		13715-75100	31,6x5,5x106,9	V2360		446	
D 700 0615	34x8x120,5	V354		440							
TOYOTA						TOYOTA DIESEL					
13711-10020	30x6x92,3	V1019	V3406	441			36x10x140,5	V169	1604	450	
13715-10030	31x6x92,3	V1020	S3408	441			+1,0S	V490N3		450	
13712-10010	21x6x98,7	V1021	V3407	441			36x10x140,5	V488	16122	450	
13711- 23030	26x5x88,2	V1249	711007	441			42,8x9x140,5	V489	16109	450	
13715- 23030	22,6x5x89,2	V1250	711008	441			+1,0S	V489N3		450	
13711- 21010	30,5x5x89,2	V1337	711009	442			36x10x140,5	V490	16106	450	
13715- 21010	25,5x5x87,9	V1338	711010	442			+1,0S	V490N3		450	
13711- 74101	32x6x97,5	V1339	711013	445	0949.73		33x8x111,9	V710	537450	447	
13715- 74100	27x6x98,5	V1340	711014	445			+0,5S	V710N1		447	
13711- 15030	30x6x91,3	V1473	V3447	444			+1,0S	V710N3		447	
13715- 15030	24,5x6x91,9	V1474	S3444	444	0948.59		38,5x8x112,4	V721	531005	447	
13711- 02050	31,1x6x87,5	V1475	711011	444			+0,5S	V721N1		447	
13715- 16060	24,5x6x87,9	V1476	711012	444			+1,0S	V721N3		447	
13711- 22040	31x5,5x88,7	V1477	711017	443			44x9x140,5	V931	1637	450	
13715-22040	26,1x5,5x88,7	V1478	711018	443			+1,0S	V505N3		450	
13711-28010	33,9x5,5x101,7	V1479	711022	445	SU001-00551		32,8x5,5x97,3	V1205	181102	447	
13715-28010	29,5x5,5x101,1	V1480	711023	445	SU001-00552		30,3x5,5x97,3	V1206	181103	447	
13711-15010	36x7x106,7	V1523	V3245	443	13711-64011		38,5x8x105,6	V1345	V3593	447	
13715-15010	31x7x106,7	V1524	S3246	443	13715-64010		32,5x8x106,5	V1346	V3594	447	
13711-11010	28,5x6x93,5	V1603	V4295	442	13711-54020		42,5x8x103,5	V1387	V4291	449	
13715-11030	24,5x6x94	V1604	S4296	442	13715-67020		37x8x103,5	V1388	711024	450	
13711-40040	27,4x5x88,4	V1721		441	13711-17020		33x7x127,2	V1391		449	
13715-40040	23,6x5x89,2	V1722		441	13715-17030		30,5x7x126,8	V1392		449	
13711-37020	32x5,5x109,4	V1799		444	13715-64030		32,4x8x105,3	V1482	711026	448	
13715-37030	27,5x5,5x108,3	V1800		444	13715-54040		36x8x103,3	V1484	S4292	449	
13711-88600	34x5,5x111,3	V1801		444	13711-27010		28x6x102,6	V1485	711020	447	
13715-88601	29x5,5x111,7	V1802		444	13715-27010		24x6x102	V1486	711021	447	
13711-22030	32x5,5x88,7	V1803		444	13711-33030		30,6x6x100	V1487		446	
13715-22030	27,5x5,5x88,7	V1804		444	13715-33040		28x6x99,8	V1488		446	
13711-70060	29,5x5x91,7	V1905		446	13711-54010		42,6x8,5x123	V1583	V3244	448	
13715-70080	25x5x91,8	V1906		446	13715-54020		35x8,5x122,8	V1584	S3248	448	
13711-47010	28,9x5,5x103,4	V2139		442	13711- OR010		30,1x6x104,3	V1661		448	
13715-47010	24,3x5,5x104,6	V2140		442	13715- OR010		27x6x104,1	V1662		448	
13711-20020	34x5,5x95,3	V2145		446	13711-30030		32,2x6x105,4	V1675		450	
13715-20020	27,3x5,5x95,3	V2146		446	13715-30030		27,7x6x105,4	V1676		450	
13711-46021	33,5x6x98,6	V2327		446	13711-54040		42,4x8x104,2	V1805	711030	450	
13715-46020	29x6x99,1	V2328		446	13715-67040		37x8x104,2	V1806	711031	450	
13711-50060	34,5x5,5x95,1	V2329		446	13711-30040		30,5x6x105,6	V1953		449	
13715-50060	29x5,5x95,1	V2330		446	13715-30040		26,5x6x105,8	V1954		449	

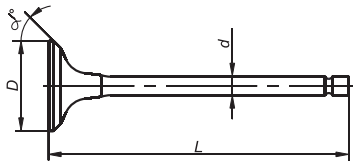
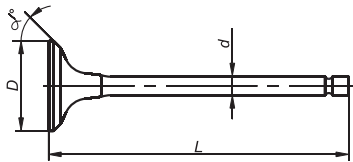
					Page No.						Page No.
ORIGINALE No	D x d x L	AV No	TRW No			ORIGINALE No	D x d x L	AV No	TRW No		
URSUS						VOLKSWAGEN					
4-80005 014	49,3x10x138,9 +1,0S	V87 V87N3	4484	451		113 109 601A	31,5x8x111,8	V318	33005		463
4-80005 015	41,3x10x138,9 +1,0S	V315 V315N3	4144	451		113 109 612	30x8x111,8	V319	33007		463
89-005 915	49,2x10x139 +1,0S	V333 V515N3		451		036 109 601B	34x8x104	V545	3361		454
5050 506	39,2x8x129,5 +0,5S	V475 V475N1		451		036 109 601F	31,5x8x104	V546	39129		456
	+1,0D/+0,5S	V475N2		451		052 109 611A	28,2x8x104	V547	3910		454
	+1,0S	V475N4		451		030 109 601C	36x8x98,9	V645	33046		457
5050 505	33,2x10x129,5 +0,5S	V476 V476N1		451		030 109 601F	36x8x98,9	V645A	39255		456
	+1,0D/+0,5S	V476N2		451		030 109 611A	28,9x8x99,1	V646	39114		456
	+1,0S	V476N4		451		036 109 601	34x8x104	V647	3341		454
5000 849	44,5x9x145 +1,0D/+0,5S	V815 V815N		450		052 109 611	28x8x104	V648	33032		453
5000 848	36,5x9x145 +1,0D/+0,5S	V816 V816N		450		030 109 601E	32x8x99,3	V682	39268		456
				450		052 109 601	31,5x8x104	V692	33043		453
				451		026 109 601C	40x8x91	V701	39136		465
				451		026 109 611A	33,2x8x91	V702	33048		466
				450		053 109 611	33,2x8x91	V702B	33047		465
				450		036 109 601A	34x8x110,5	V711	3362		455
				450		036 109 611	28,2x8x110,5	V712	3352		455
				450		049 109 601F	34x8x98,7	V747	33024		459
				450		049 109 611F	31,2x8x98,5	V748	33025		459
				452		049 109 601A	38x8x105,7	V749	3322		464
				452		049 109 611A	31,2x8x105,5	V750	3320		464
				452		035 109 601C	38x8x98,7	V751	33022		464
				452		035 109 611F	33,2x8x98,5	V752	33023		464
				452		026 109 601	40x8x98,7	V753	39100		467
				452		035 109 601H	38x8x91	V754	33034		466
				452		056 109 601A	34x8x98,7	V755	3301		457
				452		027 109 601C	32x7x95,5	V779	33125		467
				452		027 109 611D	28x7x98,2	V780	33050		467
				452		030 109 601 AH	35,6x7x94,7	V783	39530		462
				451		032 109 611G	29x7x95	V784	39467		459
				451		035 109 601J	38x8x91,9	V796	33282		468
				451		056 109 611A	31,2x8x98,5	V799	33002		457
				451		043 109 611	30x9x111,9	V834	33016		463
				451		058 109 601C	26,9x6x105,1	V839	33413		471
				451		058 109 611M	29,9x6x103,9	V840	33438		471
				455		030 109 601N	32x7x99,3	V847			455
				455		030 109 611D	28,9x7x99,1	V848	39363		455
				453		030 109 601 AG	31x7x94,7	V851	39542		453
				453		030 109 611N	26x7x94,4	V852	39515		453
				466		078 109 601B	39,5x7x91,9	V869	33403		466
				463		048 109 611B	32,9x7x91,2	V870	33416		463
				458		030 109 601L	36x7x99,3	V874	331100		458
				472		051 109 601B	32x7x95,5	V889	33308		472
				472		051 109 611B	27x7x98	V890	33309		472
				470		048 109 601A	39,5x8x91,9	V899	33313		470
				462		032 109 601G	34,6x7x94,8	V922	39367		462
				471		021 109 601H	39x7x106	V929	39372		471
U.T.B. UNIVERSAL											
11 502 050	44x8x125,8 +0,3S +0,5S +1,0S +1,5S	V321 V321N V321N1 V321N2 V321N4	17042	452							
12 702 105	37x8x125,6 +0,3S +0,5S +1,0S +1,5S	V322 V322N V322N1 V322N2 V322N4	17043	452							
103 02 117	41x11x168,3	V449		451							
103 02 118	37x11x167,6	V450		451							
VAUXHALL „see” OPEL											
VLADIMIRAC											
100-7014-W1	44x9x137	V1355		452							
100-7015-W	38x9x137	V1356		452							
VOLGA											
402.1007010	47,1x9x117,2	V1231		452							
402.1007015	39,1x9x117,3	V1232		452							
13-1007010-B1	47x9x117	V2011		452							
24-1007015	36x9x117,5	V2012		452							

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VOLKSWAGEN					VOLKSWAGEN				
021 109 611D	34,2x7x107	V930	39300	471	04E 109 601	29,5x5x110,3	V2135		455
036 109 601S	29,5x6x100,9	V957	39522	460	04E 109 611L	26,9x5x110,3	V2136		455
036 109 611K	26x6x100,5	V958	39523	459	047 109 601B	31,5x7x103,6	V2147		455
030 109 601G	34x7x99	V1067	39360	458	047 109 611B	27x7x103,7	V2148		455
040 109 601	39x8x111,8	V1080	331037	464	03C 109 601L	29,5x6x100,7	V2149		462
036 109 601P	29,5x6x97,9	V1107	331037	463	03C 109 611Q	26x6x100,7	V2150		462
036 109 611L	26x6x97,3	V1108	331038	463	04E 109 601B	28,5x5x110,3	V2177		461
030 109 601AL	33,5x6x99,2	V1109	331046	462	04E 109 611J	25,1x5x110,1	V2178		461
030 109 611T	28x6x99,2	V1110	331047	460	04E 109 601A	26,4x5x110,2	V2355		455
025 109 601	39,9x8x122,4	V1113	39112	477	04E 109 611K	23,5x5x110,1	V2356		455
025 109 612A	33,9x9x122,7	V1114	3911	477	VOLKSWAGEN DIESEL				
311 109 601	35,5x8x111,9	V1127	33009	463	068 109 601C	34x8x104,8	V541	33028	479
311 109 612A	32x8x111,8	V1128	33008	464		+0,3S	V541N		479
036 109 601R	22,5x6x98,7	V1135		463		+0,5S	V541N1		479
036 109 611J	20x6x98,5	V1136		463		+0,8S	V541N3		479
077 109 601Q	26,9x6x96,5	V1137		476		+1,5S	V541N4		479
077 109 611S	29,9x6x95	V1138		476		+1,0S	V541N5		479
022 109 601E	31x6x102,1	V1217	331041	472	068 109 601D	34x8x104,8	V541A	4906	479
022 109 611C	27x6x136,4	V1218	331042	472		+0,3S	V541N		479
022 109 601F	31x6x136	V1219		472		+0,5S	V541N1		479
022 109 611B	27x6x102,5	V1220		472		+0,8S	V541N3		479
00A 109 601A	35x7x101,5	V1229	26048	477		+1,5S	V541N4		479
00A 109 611	31x7x103,5	V1230	26049	477		+1,0S	V541N5		479
032 109 601L	34,5x6x99,2	V1265		459	068 109 611C	31,2x8x104,6	V542	33029	479
048 109 601E	38x7x91,8	V1293	33410	463		+0,3S	V542N		479
06B 109 601D	39,4x6x93,8	V1379	331057	463		+0,5S	V542N1		479
06B 109 611C	32,9x6x93,8	V1380	331058	463		+0,8S	V542N3		479
030 109 601AK	31x6x99	V1439		453		+1,5S	V542N4		479
030 109 611S	26x6x99	V1440		453		+1,0S	V542N5		479
25 109 601B	35,5x8x122,4	V1539	39111	477	068 109 611D	31,2x8x104,6	V542A	4907	479
25 109 612B	30x9x122,7	V1540	3912	477		+0,3S	V542N		479
06D 109 601K	33,8x6x104	V1605	331116	475		+0,5S	V542N1		479
06D 109 611H	28x6x101,9	V1606	331117	473		+0,8S	V542N3		479
046 109 601C	37,8x9x137,2	V1613	3340	459		+1,5S	V542N4		479
046 109 611A	33x9x137	V1614	3323	459		+1,0S	V542N5		479
058 109 611E	29,9x6x103,9	V1634	331107	471	068 109 601L	34x8x95,1	V543	39183	479
06E 109 601Q	32,3x6x104	V1679		475		+0,3S	V543N		479
030 109 601AA	32,1x7x94,5	V1683	39464	459		+0,5S	V543N1		479
022 109 601G	33,2x6x102,4	V1685	331127	476		+0,8S	V543N3		479
022 109 611N	30,2x6x102,3	V1686	331129	476		+1,5S	V543N4		479
022 109 601H	33,2x6x136,3	V1687	331128	476		+1,0S	V543N5		479
022 109 611P	30,2x6x136,1	V1688	331130	476	068 109 601M	34x8x95,1	V543A	39138	480
021 109 601	39,3x8x117	V1857	33014	476		+0,3S	V543N		480
022 109 612D	33x9x117	V1858	33012	476		+0,5S	V543N1		480
03F 109 601A	35,4x6x98,7	V1957		454		+0,8S	V543N3		480
03F 109 611B	30x6x98,4	V1958		454		+1,5S	V543N4		480
06D 109 601M	33,8x6x104	V2027	331125	473		+1,0S	V543N5		480

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VOLVO						VOLVO DIESEL					
1397641-0	31x7x104,1	V763	47145	495	1389262-5	31,2x8x104,6	V542A	4907	499		
1366882-7	27x7x103,3	V764	47130	495		+0,3S	V542N		499		
3342278-3	38,2x8x111,5	V765	517982	495		+0,5S	V542N1		499		
3343738-5	32,5x8x111,3	V766	517981	495		+0,8S	V542N3		499		
3277693-2	34x7x91,2	V858	516945	494		+1,5S	V542N4		499		
30711639	30x6x99	V1025	181106	494		+1,0S	V542N5		499		
30711638	24,1x6x101,5	V1026	181107	494	068 109 611M	31,2x8x95	V544A	39117	501		
1378473-1	32,5x7x122,5	V1119	47127	498		+0,3S	V544N		501		
1378474-9	29,5x7x122,3	V1120	47128	498		+0,5S	V544N1		501		
3344841-6	40,1x8x107,1	V1155	510201	497		+0,8S	V544N3		501		
3344842-4	32,6x8x106,9	V1156	510202	497		+1,5S	V544N4		501		
1317793-6	34,5x7x122,5	V1227	4729	498		+1,0S	V544N5		501		
1317792-8	31,5x7x122,3	V1228	4730	498	069 109 601H	36x8x95,1	V697A	39143	501		
9454607	31x6x104,3	V1257		496		+0,5S	V697N1		501		
9454610	27x6x103,3	V1258		496		+0,8S	V697N3		501		
1336290-0	44x8x119,6	V1349	47100	498	1257054	31x8x104,6	V714	4900	499		
1336291-8	35x8x119,9	V1350	47101	498		+0,5S	V714N1		499		
8694781	32,5x5,5x103,4	V1363	181110	497	1328088-8	36x8x104,9	V756	3909	500		
8694780	28x5,5x104,6	V1364	181111	497		+0,5S	V756N1		500		
30777329	35x5,5x103,4	V1495	181108	497		+1,0S	V756N3		500		
30777328	30x5,5x104,6	V1496	181109	497	1389261-7	36x8x104,9	V756A	39161	500		
9454608	32x6x104,3	V1633		496		+0,5S	V756N1		500		
2458024	37x8x111,3	V1920	538930	498		+1,0S	V756N3		500		
2453900	43,9x8x112	V1943	5362226	498	1257053	36x8x104,8	V800	3333	499		
1270455	32x7x104,3	V2151		495	046 109 601H	36x8x96,8	V821	39423	502		
31370617	30x5x98,8	V2273		495		+0,5S	V821N1		502		
31330401	24,9x5x99,7	V2274		495	046 109 611F	31,5x8x96,9	V822	33380	502		
31316318	30x8x103,8	V2361		498		+0,5S	V822N1		502		
VOLVO DIESEL											
068 109 601D	34x8x104,8	V541A	4906	499	7701 468 035	35,2x8x111,6	V837	510203	501		
	+0,3S	V541N		499	3287966-0	36,1x8x111,7	V855	517983	501		
	+0,5S	V541N1		499		+1,0S	V855N3		501		
	+0,8S	V541N3		499	3287967-8	31,6x8x111,3	V856	517963	501		
	+1,5S	V541N4		499		+1,0S	V856N3		501		
	+1,0S	V541N5		499	7701 471 702	35,4x7x111	V951	511013	501		
1328089-6	31,2x8x104,6	V542	33029	500	7701 471 703	32,6x7x110,8	V952	511014	501		
	+0,3S	V542N		500	3345515	35x8x110,5	V1057		502		
	+0,5S	V542N1		500	3345516	31,5x8x110,5	V1058		502		
	+0,8S	V542N3		500	8653745	29,8x6x105	V1179	531021	502		
	+1,5S	V542N4		500	8653744	25x6x105	V1180	531022	502		
	+1,0S	V542N5		500	30711498	25,6x5,5x96,4	V1493	539009	499		
					30711497	23,4x5,5x96,6	V1494	539010	499		
					8631650	28,8x6x98,1	V1617		502		
					8631651	26,2x6x97,8	V1618		502		
					313 301 81	30,15x5,5x95,6	V2049		499		
					313 301 82	27,5x5,5x95,5	V2050		499		

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VOLVO INDUSTRIAL AND COMMERCIAL					VOLVO INDUSTRIAL AND COMMERCIAL				
	44,3x9,5x122,9	V199		504	466379-5	43x11x148,5	V1087	105-35099	505
	+0,3S	V199N		504		+1,0S	V1087N3		505
	+0,5S	V199N1		504	421680	37x11x148,6	V1088	48150	505
	+0,8S	V199N2		504		+1,0S	V1088N3		505
	+1,2S	V199N3		504	1556472	47x9,5x176,8	V1197	1351	509
	+0,5S/+0,2d	V199N5		504	1556473	45x9,5x176,9	V1198	1352	509
	+0,5d	V199N6		504	465281	41x8x145,3	V1259		503
	+0,2d	V199N7		504	465282	37x8x145,3	V1260		503
	+1,2S/+0,5d	V199N9		504	20459326	40x8x192	V1303	48225	509
	36,6x9,5x123,3	V200		504	8148574	40x8x191,7	V1304	48227	508
	+0,3S	V200N		504	8194223	50x11x167,2	V1381	48324	507
	+0,5S	V200N1		504	8194224	46x11x167,2	V1382	48151	507
	+0,8S	V200N2		504	20450002	38x8x192	V1519	48308	506
	+1,2S	V200N3		504	8148069	38x8x191,7	V1520	48309	506
	+0,5S/+0,2d	V200N5		504	20405502	48x9x139	V1525	22221	506
	+0,5d	V200N6		504	20405503	42x9x139	V1526	22220	506
	+0,2d	V200N7		504	1547492	40x8x192	V1684		508
	+1,2S/+0,5d	V200N9		504	20735572	49x10x192,9	V1807		509
	44,3x9,5x122,9	V343	105-03365	504	20513875	46x10x191,4	V1808		509
	+0,075d	V343.1		504	3978768	43x8x149,6	V1827	48322	505
	+0,4d	V343.2		504	3978766	39x8x149,6	V1828	48323	505
	+0,3S	V343N		504	20712128	42x8x192	V1853	48315	509
	+0,5S	V343N1		504	20768506	40x8x191,7	V1854	48316	509
	+0,8S	V343N2		504	20540012	40x8x192	V1879		508
	+1,2S	V343N3		504	20464020	38x8x192,7	V1880		508
	+0,5S/+0,2d	V343N5		504	20564039	36x8x192,7	V1974	48312	507
	+0,5d	V343N6		504	20528113	38x8x192	V1993	48310	506
	+0,2d	V343N7		504	20570965	38x8x191,7	V1994	48311	506
	+1,2S/0,5d	V343N9		504	477 447	43x8x149,6	V2153	48207	505
	36,6x9,5x123,3	V344	105-03366	504	477 443	39x8x149,5	V2154	48208	505
	+0,075d	V344.1		504	20833932	38,2x8x145,7	V2155		506
	+0,4d	V344.2		504	20833936	35,8x8x145,8	V2156		506
	+0,3S	V344N		504	838637	39x8x126,5	V2167		502
	+0,5S	V344N1		504	838638	37x8x126,5	V2168		502
	+0,8S	V344N2		504	VOLVO - BM				
	+1,2S	V344N3		504		44,3x9,5x122,9	V199		511
	+0,5S/+0,2d	V344N5		504		+0,3S	V199N		511
	+0,5d	V344N6		504		+0,5S	V199N1		511
	+0,2d	V344N7		504		+0,8S	V199N2		511
	+1,2S/0,5d	V344N9		504		+1,2S	V199N3		511
469240-6	49x11x167,2	V459	105-35377	507		+0,5S/+0,2d	V199N5		511
467855-3	46x11x167,2	V460	48151	507		+0,5d	V199N6		511
467502-1	50x11x167,2	V463	105-35037	507		+0,2d	V199N7		511
468302-5	54x11x167,2	V555	105-34949	508		+1,2S/+0,5d	V199N9		511
468303-3	50x11x167,2	V556	105-34950	508					
420553-0	41x8x145,3	V767	48114	503					
465549-4	37x8x145,3	V768	48115	503					

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VOLVO – BM					VOLVO – BM				
	36,6x9,5x123,3	V200		511		40,5x8x124,9	V1375	22143	510
	+0,3S	V200N		511		+0,2d	V1375N		510
	+0,5S	V200N1		511		48x9x139	V1525	22221	512
	+0,8S	V200N2		511		42x9x139	V1526	22220	512
	+1,2S	V200N3		511		45x9x124,1	V1587	105-35611	512
	+0,5S/+0,2d	V200N5		511		42x9x124,1	V1588	105-35612	512
	+0,5d	V200N6		511		44,2x9,5x122,8	V1941	105-35608	511
	+0,2d	V200N7		511	ZASTAVA				
	+1,2S/+0,5d	V200N9		511	4 064 701	25,5x7x92,2	V01	1756	513
	44,3x9,5x122,9	V343	105-03365	511	4 064 702	23,5x7x92,2	V02	1756	513
	+0,075d	V343.1		511	4 239 917	36x8x108,5	V152	17002	514
	+0,4d	V343.2		511	4 315 062	31x8x109	V153	17001	514
	+0,3S	V343N		511	700 010	28,5x7x96	V254		513
	+0,5S	V343N1		511	700 011	26x7x96	V255		513
	+0,8S	V343N2		511	4 265 695	29x7x95,3	V257	17004	514
	+1,2S	V343N3		511	4 377 979	26x7x95,7	V258	17021	514
	+0,5S/+0,2d	V343N5		511	7 609 772	37,5x8x108,5	V411	17073	515
	+0,5d	V343N6		511	5 973 128	31x8x109	V412	171030	515
	+0,2d	V343N7		511	5 973 129	33,2x8x109	V506	17024	515
	+1,2S/+0,5d	V343N9		511	4 294 099	33x8x115,3	V539	17020	514
	36,6x9,5x123,3	V344	105-03366	511	4 379 989	28x8x116	V540	17006	514
	+0,075d	V344.1		511	55194993	31,9x5x98,4	V1555		514
	+0,4d	V344.2		511	55194994	27,3x5x98,7	V1556		514
	+0,3S	V344N		511	ZAZ				
	+0,5S	V344N1		511	245 100 7010	34x8x111	V479		515
	+0,8S	V344N2		511	245 100 7012	29x8x111	V480		515
	+1,2S	V344N3		511	ZETOR				
	+0,5S/+0,2d	V344N5		511	950 505	39,2x8x129,4	V85	4297	516
	+0,5d	V344N6		511		+0,2S	V85N		516
	+0,2d	V344N7		511		+0,5S	V85N1		516
	+1,2S/+0,5d	V344N9		511		+1,0D/+0,5S	V85N2		516
	46x11x167,2	V460	48151	513		+1,0S	V85N4		516
	50x11x167,2	V463	105-35037	513		+1,0D/+1,0S	V85N5		516
	45x8x129,1	V527	111006	512		33x10x127,5	V86	4298	516
	42x8x129,1	V528	111007	512		+0,2S	V86N		516
	54x11x167,2	V555	105-34949	513		+0,5S	V86N1		516
	50x11x167,2	V556	105-34950	513		+1,0D/+0,5S	V86N2		516
	41x8x145,3	V767	48114	510		+1,0S	V86N4		516
	37x8x145,3	V768	48115	510		+1,0D/+1,0S	V86N5		516
	43x11x148,5	V1087	105-35092	512	950 506	49,3x10x138,9	V87	4484	517
	+1,0S	V1087N3		512		+1,0S	V87N3		517
	37x11x148,5	V1088	48150	512	4-80005014	41,3x10x138,9	V315	4144	517
	+1,0S	V1088N3		512		+1,0S	V315N3		517
	40,1x8x124,7	V1261	22149	510		+1,0S			517
	+0,2d	V1261N		510					517
	34,9x8x124,7	V1262	22150	510					517
	+0,2d	V1262N		510					517

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D 64000424	41,3x10x138,9 +1,0S	V516 V516N3		517 517	2401007014B4	+0,8S	V1052N2		517
69010555	44,5x10x129,5 +0,3S	V549 V549N		516 516		48x11x158 +0,5S	V1053 V1053N1		517 517
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	+1,0S	V549N3		516					
69010554	36,5x10x129,5 +0,3S	V550 V550N		516 516					
	+0,5S	V550N1		516					
	+1,0D/+0,5S	V550N2		516					
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1050408	40x10x155	V668		516					

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