

MOTOR AIDS - VALVE SEAT RANGE

<u>ENGINE</u>	<u>OEM REF</u>	<u>ID in mm</u>	<u>OD in mm</u>	<u>LENGTH</u>	<u>ANGLE</u>
<u>ALFA ROMEO</u>					
ENG. 01608	06-0340	37.00	42.95	7.30	
	06-0342	31.00	38.95	7.30	
ENG.01655	06-0343	39.50	45.45	7.30	
	06-0344	33.50	41.45	7.30	
ENG.06212	06-0340	37.00	42.95	7.30	
	06-0342	31.00	38.95	7.30	
ENG.101.10531	06-0345	30.00	38.95	7.30	
	06-0346	28.00	35.77	7.30	
<u>CATERPILLAR</u>					
3114-3116	7W 8065	45.30	50.00	5.95	30°
	126 0463				
3204N.A.3204TURBO	9N 2837	41.20	48.58	7.25	45°
3208.A.3208 TURBO	2N 8943	47.65	54.64	7.50	30°
D339C,D333C,3304	58 7221	42.90	50.90	11.50	45°
3306	1W 5321				
D330C,112F,3304,3306	7N 4448	45.00	52.05	0.50	
941-951-920-922B-930	2W 4837	43.00	50.80	8.00	
944-950-951-D330-D342	8M 9810	50.80	63.60	12.70	45°
D364-D375-D386-D387,D8	9M 8745	52.40	63.60	12.80	45°
	9S 9699	36.30	42.87	9.30	45°
	1W5283				
3406-3408-3412	4N 5893	39.30	46.030	0.30	45°
	9M 3205	39.50	46.03	0.30	
	1W 2713	37.00	43.00	5.95	30°
	1070268	45.10	52.04	8.00	30°
3508-3512-3516	7E 5862	51.90	69.17	9.70	30°
	1W 1801	50.10	60.63	9.70	30°
D353,D370,D398,D399	5S 1757	57.40	65.79	15.88	
	G353,G379,G398,G399	8M 4014	54.00	61.87	16.00
D9	8M 4014	54.10	61.85	15.87	
933G-977 / D7F	5S 7218	40.00	54.050	11.10	
	9M 6495	39.50	47.74	11.40	45°
D4C-D-D6B-C	1P 6837	43.00	50.92	11.40	
	9M 6495	39.40	47.74	11.40	
<u>CUMMINS</u>					
	3054593	42.93	51.64	5.70	30°
	3054594	42.93	51.89	5.83	
	3054604				

	3017759	42.90	50.95	7.10	
	3032287	43.43	51.13	7.18	
	3022288	43.43	51.38	7.31	
	3022289	43.43	51.64	7.44	30°
	3032290	43.43	51.64	7.56	
V352,V358,V6-140,	154390	36.50	42.98	5.10	30°
V6-155,V470,V504,	154391	36.50	43.24	5.10	30°
V555,V8-185/210/225	3069692	42.93	50.88	5.45	30°
VT255/555	3072317	42.93	51.13	9.04	30°
	3072318	42.93	51.38	9.04	30°
	3072319	42.93	51.64	8.13	30°
	3072320	42.93	51.89	8.92	30°
	3054590	43.00	50.89	5.44	30°
	3054600				30°
	3026296				30°
	3630268	48.97	60.48	7.87	30°
	3630369				30°
K-SERIES	3031098	48.97	60.73	8.28	30°
	3052963				
	3031099	48.97	60.99	8.53	
	3052964				30°
	205093				
	3088192	51.82	60.48	8.10	30°
	3631789				
K-SERIES	3831789				30°
	206345	51.82	60.60	8.10	
	205981	51.82	60.73	8.10	
	205982	51.82	60.99	8.23	30°
	205983	51.82	61.24	8.36	
	21	51.82	61.49	8.46	
	195000	36.70	43.18	4.60	30°
V352,V378,V6-140	195001	36.70	43.18	4.60	30°
V6-155,V470,V504,	195002	36.70	43.44	4.70	30°
V555,V8-185/210/225	195003	36.70	43.69	4.80	30°
VT255 / 555	195004	36.70	43.95	4.90	30°
	154393	36.50	43.70	5.10	30°
	3028070	36.70	46.03	4.72	30°
L-10,LT-10,LTA-10	3028071	36.70	46.28	4.72	30°
	3028072	36.70	46.53	4.72	30°
NVH450,V1486,	69965	39.60	46.90	7.10	30°
VT1486,VT600	4080326	47.42	60.48	7.93	30°
	4080333	49.50	60.48	7.63	30°
	3076515	41.66	49.61	5.46	30°
	3416674				
	3078354	41.66	49.73	5.46	30°
	3406679				
	3076516	41.66	49.86	5.46	30°
	3406675				

DEUTZ (K.H.D.)

F1L410D-F1L411D812	3371760	31.00	40.16	9.75	45°
	2137306				
F2L912-F3L912- F5L912-F6L912	SILVER				
BF6L 913 TURBO & TURBO C	2137302	36.00	45.66	10.00	45°

FIAT

ENG 141C2	7776441	27.10	32.83	10.00	
	46527137	24.10	28.84	10.00	
ENG 176B9	46518609	23.00	28.18	6.60	
	46518610	18.50	24.18	7.30	
ENG 182A4	46781060	27.40	31.83	8.50	
	46408594	26.10	30.19	8.10	
ENG 8144.61	98450370	34.00	42.50	7.50	
	98450370	29.40	35.30	7.50	

HINO

EM100	13215 25500	35.00	41.06	7.00	
	11098 01700	42.00	50.06	6.20	

IVECO

ENG 8040.45.75 E 14 (100KW)	98495495	31.00	39.33	7.70	
ENG.8060.25V	98495493	31.00	39.18	7.70	
ENG.81.40.07	98450734	34.00	42.31	7.90	
ENG.81.40.07	98450370	34.00	42.50	7.50	
ENG.81.40.07	98450371	29.40	35.30	7.50	
ENG.81.40.07	98466488	29.40	37.70	7.90	

ISUZU

ENG.4HE1	8-97088460-0	44.90	51.11	7.30	45°
	8-94396172-0	36.90	43.13	7.00	45°
ENG.6SD1	1-11711041-0	38.75	48.15	6.70	45°
	1-11715077-0	42.00	52.09	7.50	30°
ENG.6SD 30		44.42	52.21	6.65	30°
ENG.6WG1		39.90	48.12	6.76	45°
		39.60	49.10	6.50	30°
ENG.6SD 45		44.30	52.21	6.65	45°
		38.75	48.15	6.70	45°
ENG.4BB1		31.60	39.15	7.05	45°
		39.90	47.10	7.10	
ENG.6SD1		44.26	52.22	6.70	30°
ENG.6BD1		40.10	48.15	8.30	
		30.90	39.10	7.12	

JOHN DEERE

R73064	40.95	47.25	5.61	45°
R51734	35.87	41.67	5.58	45°

KOMATSU

KOMATSU	6133111321	34.30	44.08	8.90	45°
	6134111320				
	6136111331	40.65	48.57	8.45	30°
S5 D155 TURBO	6127111335	51.10	60.09	8.95	30°
6D 105	6136121320	34.00	44.17	9.10	45°

MAN

ENG.2530/2532/2538	51.03203.0171	48.00	61.10	9.00	30°
ENG. D 2555	51.03203.0218	49.50	61.10	9.90	45°
D 2865/2866	51.03203.0242	49.00	61.10	8.80	45°
2530/2532/2538	51.03203.0184	42.85	53.10	10.00	45°
	51.03203.0168	50.90	61.10	10.35	45°
ENG.2876	51.03203.0186	40.10	48.10	7.96	45°
ENG.2876	51.03203.0244	38.10	48.10	7.96	30°
ENG.0826	51.03203.0305	35.00	44.10	8.15	45°
ENG.0826	51.03203.0319	41.60	51.09	7.40	30°

MERCEDES BENZ

OM 327-360					
327-360-360H7	327 053 0431	45.00	56.11	10.00	45°
327-360	327 053 0432	36.00	46.11	10.00	45°
OM 352					
352-314-900/910/914	352 053 1631	37.00	45.07	8.30	45°
352 BRASIL	352 053 3631	36.80	46.07	8.40	45°
314-352 BRASIL	352 053 3531	37.00	45.87	8.30	45°
352-314-900/91	352 053 0032	28.00	38.07	8.50	45°
OM 352 TURBO					
352-314-900/910/914	352 053 0031	37.00	45.07	8.20	30°
352-314-900/91	352 053 0032	28.00	38.07	8.50	45°
OM 355					
355-346-910/916/918/9	346 053 0731	37.00	51.07	7.47	45°
355-346-910/916/918/9	346 053 0532	31.00	40.07	7.47	45°
OM 355 TURBO					
355 TURBO-INTERCOOLER	355 053 0131	37.00	51.07	7.47	30°
355/355A/3550/355 COOLER	355 053 0032	31.00	40.06	7.20	30°
OM 366 NORMAL					
364-356-1518	366 053 0931	35.00	43.87	7.70	30°
366 ASPIRADO	352 053 1532	30.00	38.07	8.50	45°
OM 366 TURBO					
366 TURBO	366 053 2031	35.00	43.87	7.40	30°
366 TURBO	366 053 0132	30.00	38.07	8.00	45°
1518 TURBO ADAPT		34.60	45.07	7.75	45°

1518 TURBO ADAPT		34.57	43.87	7.75	30°
366 TURBO ECOLOGIC G.N.C	360 053 3531	34.50	43.87	7.50	20°
OM 400					
407-407 NH	403 053 0331	51.00	61.12	9.20	30°
401A TURBO 402	402 053 0931	51.00	60.10	8.95	30°
OM 401	402 053 0131	45.40	60.10	8.35	30°
401-402-403-404-4	403 053 0032	43.10	53.11	9.70	45°
LINEA 400	422 053 0131	49.30	60.10	8.35	30°
LINEA 400	422 053 0032	43.00	53.10	9.20	45°
OM 400	442 053 0531	47.15	60.11	8.35	30°
457 (ACTROS)	541 053 0532	34.30	43.09	8.00	45°
457 LA (ACTROS)	457 053 1631	36.50	47.39	7.70	30°
ACTROS	541 053 1731	40.10	47.39	7.70	30°
	422 053 0132	43.00	53.11	9.20	45°
OM 601					
OM 601	601 053 0331	33.50	40.09	7.00	
OM 601	602 053 0531	33.70	39.08	6.00	
OM 601	603 053 0832	30.60	36.09	6.00	
OM 904/906 (ATICO)					
EURO 4 ELEC 904-906	906 053 0132	31.00	40.07	8.00	45°
EURO 4 ELEC 904-906	906 053 0131	28.00	35.10	7.60	45°
EURO TOP BREAK	541 053 2032	14.40	21.06	5.50	45°

MITSUBISHI

ENG.2500CC-1200		29.90	37.15	7.34	45°
		36.10	43.14	7.30	45°
ENG. D 15	13714-95007	46.00	54.06	6.20	30°
	13715 95006	37.00	45.06	7.00	45°
ENG.2800CC	ME-200029	36.15	43.15	5.60	45°
PAJERO MONTERO	ME-200625	30.40	37.14	5.60	45°

MWM

ENG.SPRINT 4,07-6.	94078345002	34.10	40.60	6.70	
07-6.07T	94075345003	28.10	33.50	6.60	
ENG. 6-10-6. 10T	96100345004	34.40	43.11	7.40	
	96100345003	38.50	46.15	7.20	
	93278345002	36.00	43.15	7.00	45°
D225,D226,D229	82288345302	36.00	43.15	7.00	30°
	93270345003	33.00	39.00	7.00	45°
RENAULT					
RENAULT 18 GXE-2000/2200CC		37.00	44.70	10.00	30°
		33.10	39.72	7.00	45°
R11-1.4-GNC		25.00	30.68	6.80	45°
		28.50	35.69	7.75	45°
R-12-GNC		25.50	31.55	6.50	45°
		29.00	35.15	6.50	45°
R-11/R9-1.6		25.00	30.50	6.20	45°
		28.50	35.50	9.15	45°

SCANIA

D 11 DS 11 11000CC	131356	49.50	59.90	7.70	30°
D 11 DS 11 11000CC		39.50	51.90	7.70	30°
D 11 DS 11 11000CC	131357	40.22	52.00	7.90	30°
D 11 TURBO DS 11 TURBO	289517	47.50	56.01	7.40	20°
D 10/DS 10 DN 11/10/510-TURE	242672	40.65	52.00	10.30	45°
L 80	275456	45.00	55.00	9.00	30°
L 90 TURBO	166636	37.00	46.95	7.65	30°
D 113	372972	39.00	52.00	10.30	45°
DC 11(New)DN12/DS12/C12 M	1403825-6585	35.00	46.07	7.95	20°
DC 11(New)DN12/DS12/C12 M	1403828-6585	35.00	44.09	8.55	45°

VOLKSWAGEN

ENG.1200/1300 AIR	040101441-5	26.00	32.14	8.50	
ENG. 1500 AIR	040101431-2	29.00	35.14	8.50	

VOLVO

D 100 A-TD 100 ATU	423011-6	49.00	59.12	6.75	30°
D 120-TD 120A-TURBO T	468448-6	45.00	56.60	9.50	45°
D 120-TD 120A-TURBO T	422011-7	44.50	54.11	6.75	45°
D 100 A-TD 100 ATU	422012-5	40.10	51.11	9.50	45°
D 100 A-TD 100 ATUR	4674750	40.00	49.06	11.50	45°
TURBO TD 100BFB 88	4674743	44.30	54.06	6.70	30°
FH 12/NH 12 / FM	3183227	32.00	43.10	8.50	30°
FH 12 / NH 12	3165369	32.80	43.10	8.00	30°
D60A5,5D(88KW)F609/611 TD6	4651550	31.90	41.00	9.00	45°
TD 162	1543860	41.00	50.15	6.20	20°
TD 162	1543861	35.50	48.54	10.36	45°
ENG.		46.60	59.11	9.15	45°
TURBO TD 100 BF B8 NL 10	1545886	40.00	49.05	9.50	45°
D 70 6, 7DF, N86	421011/8	37.50	46.08	6.15	30°
D 70 6, 7DF,N87	421012/6	34.00	44.07	8.90	45°
D12A 12.1.D (250-279-309KW)	3183227	31.80	43.09	8.50	30°
FH 12	3165369	32.90	43.09	8.10	45°