

Race Engine Components

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Competition Valve Specialists

Design - Forging

Machining - Heat Treatment

Issue 50

Updated: 9th April 2024

Race Engine Components was established in 1962 and has had extensive race preparation and experience driving many British Sports Racing Cars of the era.



Paul Ivey started his career as an apprentice at Downton Engineering and went from strength to strength from then on. He has been involved quite extensively with the development of the Cooper 'S', Jaguars and the Twin Cam Lotus engines of the time. Eventually this led him to the decision of starting up a special tuning parts business supplying valves to the fast growing car market.

Inevitably this brought Race Engine Components and G&S Valves, the specialised engine valve manufacturer, together. They jointly formed a partnership in the early 80's and together have developed many valve designs and associated parts including valves, retainers and collets suitable for the new breed of high revving racing engines that rev to speeds in excess of 16,000 rpm.



G&S Valves Ltd. has itself serviced the race car and bike industry for over 78 years and together their valves have won at all levels of motor sport including F1, Sports Car, Le Mans, Indy Car, The TT, the World Super Sport 600 Class and many Club Level Championship Races. Both Race Engine Components and G&S valves go into 2024 with enthusiasm as always, and wish all their customers a winning season

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Please note this is only a small percentage of our stock valves that we currently hold at Race Engine Components Ltd. Part numbers listed with REC, we have drawings and have made, but do not stock. Valves O/E Titanium are replacements made from 1.4882 Austenitic Stainless Steel. For any other valves not listed, please do not hesitate to call:

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or

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Part No.	Application	Head Diameter	Type	Comments
REC 372	Alfasud Sprint 1500cc	1.570"/40.0mm	Inlet	Flat 4 Engine
REC 373	Alfasud Sprint 1500cc	1.305"/33.0mm	Exhaust	Flat 4 Engine

REC 612	Alfa Romeo Alfetta GTV6 3.0 SA	1.752"/44.5mm	Inlet	O/S H/D
REC 613	Alfa Romeo Alfetta GTV6 3.0 SA	1.536"/39.0mm	Exhaust	O/S H/D + 0.5mm

Austin, Leyland, MG, Morris - (Retainers, Collets and Guides Available) (PTO)

A-Series Engine - Rimflow (SV)

Part No.	Application	Head Diameter	Type	Comments
SV 300/1	850cc/998cc/1098cc Engine	1.093"/27.7mm	Inlet	88G459 Collets
SV 300/2		1.159"/29.4mm	Inlet	88G459 Collets
SV 300/3		1.218"/30.9mm	Inlet	88G459 Collets
SV 300/4		1.250"/31.7mm	Inlet	88G459 Collets
SV 300/50	850cc/998cc/1098cc Engine	1.000"/25.4mm	Exhaust	88G459 Collets
SV 300/51		1.060"/26.9mm	Exhaust	88G459 Collets

SV 300/6	1275cc Engine Rimflow	1.312"/33.3mm	Inlet	88G459 Collets
SV 300/7		1.401"/35.6mm	Inlet	88G459 Collets
SV 300/8		1.440"/36.6mm	Inlet	88G459 Collets
SV 300/52	1275cc Engine Rimflow	1.141"/29.0mm	Exhaust	88G459 Collets
SV 300/53		1.220"/31.0mm	Exhaust	88G459 Collets
SV 300/54		1.259"/32.0mm	Exhaust	88G459 Collets

A-Series Engine

REC 121	850cc/998cc/1098cc	1.312"/33.3mm	Inlet	Single Groove, 12G295 Head, 88G459 Collets
REC 101	850cc/998cc/1098cc Formula Junior	1.343"/34.1mm	Inlet	Single Groove, Largest H/D without Pocketing Block
REC 122	850cc/998cc/1098cc	1.060"/26.9mm	Exhaust	Single Groove, 12G295 Head, 88G459 Collets
REC 102	850cc/998cc/1098cc Formula Junior	1.141"/29.0mm	Exhaust	Single Groove, 12G295 Head, 88G459 Collets

REC 129	Works Cooper	1.200"/30.5mm	Inlet	Janspeed Engine, 88G459 Collets
REC 131		1.367"/34.75mm	Inlet	Janspeed Engine, 88G459 Collets
REC 130	Works Cooper	1.070"/27.1mm	Exhaust	Janspeed Engine, 88G459 Collets
REC 132		1.205"/30.5mm	Exhaust	Janspeed Engine, 88G459 Collets

REC 103	Cooper 'S' (Mk1) 1275cc Engine	1.401"/35.6mm	Inlet	Single Groove, AEG163 Head , 88G459 Collets
REC 104	Cooper 'S' (Mk1) 1275cc Engine	1.220"/31.0mm	Exhaust	Single Groove, AEG163 Head , 88G459 Collets

REC 126	Cooper 'S' MK2 / Midget / Sprite	1.312"/33.3mm	Inlet	Undercut Stem, Single Groove, 88G459 Collets
REC 105		1.401"/35.6mm	Inlet	Single Groove, 88G459 Collets
REC 120		1.401"/35.6mm	Inlet	Undercut Stem, Single Groove, 88G459 Collets
REC 134/1		1.401"/35.6mm	Inlet	6mm Stem, Single Groove, Kit, LK6 Collets
REC 119		1.440"/36.6mm	Inlet	Undercut Stem, Single Groove, 88G459 Collets
REC 135/1		1.440"/36.6mm	Inlet	6mm Stem, Single Groove, Kit, LK6 Collets
REC 109		1.468"/37.2mm	Inlet	Single Groove, 88G459 Collets
REC 110		1.485"/37.7mm	Inlet	Single Groove, 88G459 Collets
REC 118		1.480"/37.6mm	Inlet	Undercut Stem, Single Groove, 88G459 Collets
REC 111		1.525"/38.75mm	Inlet	Single Groove, 88G459 Collets



A-Series Engine

Part No.	Application	Head Diameter	Type	Comments
REC 106	Cooper 'S' Mk2 / Midget / Sprite	1.141"/29.0mm	Exhaust	Single Groove, 88G459 Collets
REC 128		1.141"/29.0mm	Exhaust	Undercut Stem, Single Groove, 88G459 Collets
REC 123		1.141"/29.0mm	Exhaust	Stellite Seat, Undercut Stem, Single Groove, 88G459
REC 133		1.181"/30.0mm	Exhaust	Undercut Stem, Single Groove, 88G459 Collets
REC 107		1.220"/31.0mm	Exhaust	Single Groove, 88G459 Collets
REC 127		1.220"/31.0mm	Exhaust	Undercut Stem, Single Groove, 88G459 Collets
REC 124		1.220"/31.0mm	Exhaust	Stellite Seat, Undercut Stem, Single Groove, 88G459
REC 136/1		1.220"/31.0mm	Exhaust	6mm Stem, Single Groove, Kit, LK6 Collets
REC 137/1		1.240"/31.5mm	Exhaust	6mm Stem, Single Groove, Kit, LK6 Collets
REC 108		1.250"/31.7mm	Exhaust	Single Groove, 88G459 Collets
REC 138/1		1.259"/32.0mm	Exhaust	6mm Stem, Single Groove, Kit, LK6 Collets

REC 114	Arden Cross-Flow MOWOG	1.401"/35.6mm	Inlet	Alloy Head, Single Groove, 88G459 Collets
REC 115	Arden Cross-Flow MOWOG	1.220"/31.0mm	Exhaust	Alloy Head, Single Groove, 88G459 Collets

38418	Metro Turbo 1275cc 1982-on	1.215"/30.85mm	Exhaust	O/S H/D +1.5mm, 8mm Stems, Triple Groove, MK8
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Aston Martin

Part No.	Application	Head Diameter	Type	Comments
REC 490	DB5/6 1963 - 1971 (Vantage Shape)	2.125"/54.0mm	Inlet	O/S H/D +0.109" / 2.8mm
REC 491	DB5/6 1963 - 1971 (Vantage Shape)	1.875"/47.6mm	Exhaust	Std. H/D

REC 525	Vantage 1993 - 2000 5.3 Litre V8 Engine	2.100"/53.3mm	Inlet	Type 580 (Short Stem)
REC 526	Vantage 1993 - 2000 5.3 Litre V8 Engine	1.875"/47.6mm	Exhaust	Type 580 (Short Stem)

REC 763	DB5/6 1963 - 1971 4 Litre, DOHC Engine	2.016"/51.2mm	Inlet	Std. H/D
REC 392		2.040"/51.8mm	Inlet	O/S H/D +0.030" / 0.762mm
REC 773		2.200"/55.9mm	Inlet	O/S H/D, Length +0.250" / 6.4mm
REC 764	DB5/6 1963 - 1971 4 Litre, DOHC Engine	1.878"/47.7mm	Exhaust	Std., Stellite Seat
REC 393		1.905"/48.4mm	Exhaust	O/S H/D +0.030" / 0.762mm



Part No.	Application	Head Diameter	Type	Comments
REC 711	80 GTE, Quattro 1983-on	42.0mm/1.654"	Inlet	(1781cc DX Engine), O/S H/D +2mm, MK8 Collets
REC 712	80 GTE, Quattro 1983-on	35.0mm/1.382"	Exhaust	(1781cc DX Engine), O/S H/D +2mm, MK8 Collets
REC 775	Quattro 80, 90 & 100 1986-on (8 Valve)	40.0mm/1.575"	Inlet	(1781cc, DX Engine), Hydraulic Tappet , Std. H/D MK8 Collets
REC 805		42.0mm/1.653"	Inlet	(1781cc DX Engine), Hydraulic Tappet O/S H/D +2mm, MK8 Collets
REC 776	Quattro 80, 90 & 100 1986-on (8 Valve)	33.1mm/1.304"	Exhaust	(1781cc, DX Engine), Hydraulic Tappet , Std. H/D MK8 Collets
REC 806		35.0mm/1.377"	Exhaust	(1781cc DX Engine), Hydraulic Tappet O/S H/D +2mm, MK8 Collets
REC 502	Quattro 80, 90 (16 Valve) 01/1988-on	1.260"/32.0mm	Inlet	(1781cc PL, KR Engine), Single Groove Hydraulic Tappets , RK7 Collets
REC 503	Quattro 80, 90 (16 Valve) 01/1988-on	1.104"/28.0mm	Exhaust	(1781cc PL, KR Engine), Single Groove Hydraulic Tappets , RK7 Collets
REC 536	Quattro 80, 90 (16 Valve) 01/1988-on	32.0mm/1.260"	Inlet	(1781cc PL, KR Engine), Single Groove Solid Tappet , RK7 Collets
REC 537	Quattro 80, 90 (16 Valve) 01/1988-on	28.0mm/1.102"	Exhaust	(1781cc PL, KR Engine), Single Groove Solid Tappet , RK7 Collets
REC 542	Quattro 200, 200 5T Turbo 1979-on	1.496"/38.0mm	Inlet	Std. H/D MK8 Collets (Triple Groove)
REC 543	Quattro 200, 200 5T Turbo 1979-on	1.307"/33.2mm	Exhaust	Std. H/D, Nimonic 80, MK8 Collets (Triple Groove)
REC 500	80 GTE, GLE (K-Jetronic) 1975-on	2.100"/53.3mm	Inlet	Single Groove, O/S H/D +2mm, Length -1mm (1588cc EG Engine), RK8 Collets
REC 501	80 GTE, GLE (K-Jetronic) 1975-on	1.875"/47.6mm	Exhaust	Single Groove, O/S H/D +3.8mm, Length -1mm (1588cc, EG Engine), RK8 Collets
REC 711	80 GT5S, 100 C5/CL5, 200 5E 1981-on	42.0mm/1.654"	Inlet	(1921cc DX Engine), O/S H/D +2mm, MK8 Collets
REC 712	80 GT5S, 100 C5/CL5, 200 5E 1981-on	35.0mm/1.382"	Exhaust	(1921cc DX Engine), O/S H/D +2mm, MK8 Collets

Austin Healey

Part No.	Application	Head Diameter	Type	Comments
REC 398	3000, 100/6	1.790"/45.5mm	Inlet	'C' Type Head
REC 889		1.850"/47.0mm	Inlet	O/S H/D
REC 498		1.850"/47.0mm	Inlet	5/16" Stem
REC 399	3000, 100/6	1.605"/40.7mm	Exhaust	'C' Type Head
REC 890		1.620"/41.1mm	Exhaust	O/S H/D
REC 499		1.620"/41.1mm	Exhaust	5/16" Stem



BMW - (Collets Available)

Part No.	Application	Head Diameter	Type	Comments
REC 904	Formula 2, 4 Valve, 2 Litre (M12 Eng)	36.5mm/1.437"	Inlet	7mm Stem, , MK7 Collets
REC 905	Formula 2, 4 Valve, 2 Litre (M12 Eng)	31.50mm/1.240"	Exhaust	7mm Stem, , MK7 Collets
REC 435	2002 (121, E12 1990cc Eng) 65-75	47.0mm/1.850"	Inlet	O/S H/D +1mm, 8mm Stem, MK8 Collets
REC 913		47.5mm/1.870"	Inlet	O/S H/D +1.5mm, 8mm Stem, MK8 Collets
REC 436	2002 (121, E12 1990cc Eng) 65-75	39.0mm/1.535"	Exhaust	O/S H/D +1mm, 8mm Stem, MK8 Collets
REC 433	2500, 2.5CS (125E, 2494cc Eng) 68-76	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	2500, 2.5CS (125E, 2494cc Eng) 68-76	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 433	2500, 2.5CS (M30B25, 2494cc Eng) 76-81	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	2500, 2.5CS (M30B25, 2494cc Eng) 76-81	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 433	2800, CS (128E, 2788cc Eng) 68-76	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	2800, CS (128E, 2788cc Eng) 68-76	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 433	3.0S/CS/L/Si/CSi (E3,2985cc Eng) 71-76	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	3.0S/CS/L/Si/CSi (E3,2985cc Eng) 71-76	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 435	316 (118/4, M10B 1766cc Eng) 75-on	47.0mm/1.850"	Inlet	O/S H/D +5mm, 8mm Stem, MK8 Collets
REC 913		47.5mm/1.870"	Inlet	O/S H/D +5.5mm, 8mm Stem, MK8 Collets
REC 436	316 (118/4, M10B 1766cc Eng) 75-on	39.0mm/1.535"	Exhaust	O/S H/D +4mm, 8mm Stem, MK8 Collets
REC 435	316i (E12 1990cc Eng) 87-on	47.0mm/1.850"	Inlet	O/S H/D +1mm, 8mm Stem, MK8 Collets
REC 913		47.5mm/1.870"	Inlet	O/S H/D +1.5mm, 8mm Stem, MK8 Collets
REC 436	316i (E12 1990cc Eng) 87-on	39.0mm/1.535"	Exhaust	O/S H/D +1mm, 8mm Stem, MK8 Collets
REC 390	316i E30 (M40B16, 1596cc Eng) 88-90	42.0mm/1.653"	Inlet	Std. H/D, 7mm Stem, MK7 Collets
REC 391	316i E30 (M40B16, 1596cc Eng) 88-90	36.0mm/1.417"	Exhaust	Std. H/D, 7mm Stem, MK7 Collets
REC 390	316i E36 (M40B16, 1596cc Eng) 90-94	42.0mm/1.653"	Inlet	Std. H/D, 7mm Stem, MK7 Collets
REC 391	316i E36 (M40B16, 1596cc Eng) 90-94	36.0mm/1.417"	Exhaust	Std. H/D, 7mm Stem, MK7 Collets
REC 435	318 (118/4, M10B 1766cc Eng) 75-84	47.0mm/1.850"	Inlet	O/S H/D, 8mm Stem, MK8 Collets
REC 913		47.5mm/1.870"	Inlet	O/S H/D, 8mm Stem, MK8 Collets
REC 436	318 (118/4, M10B 1766cc Eng) 75-84	39.0mm/1.535"	Exhaust	O/S H/D, 8mm Stem, MK8 Collets
REC 390	318i E30 (M40B18 1796cc Eng) 87-90	42.0mm/1.653"	Inlet	Std. H/D, 7mm Stem, MK7 Collets
REC 391	318i E30 (M40B18 1796cc Eng) 87-90	36.0mm/1.417"	Exhaust	Std. H/D, 7mm Stem, MK7 Collets
REC 390	318i E36 (M40B18 1796cc Eng) 92-93	42.0mm/1.653"	Inlet	Std. H/D, 7mm Stem, MK7 Collets
REC 391	318i E36 (M40B18 1796cc Eng) 92-93	36.0mm/1.417"	Exhaust	Std. H/D, 7mm Stem, MK7 Collets
REC 504	320i (M20B20, 1990cc Eng) 1977-on	43.5mm/1.712"	Inlet	O/S H/D +3.6mm, 7mm Stem, MK7 Collets
REC 505	320i (M20B20, 1990cc Eng) 1977-on	37.2mm/1.465"	Exhaust	O/S H/D +3.3mm, 7mm Stem, MK7 Collets
REC 504	323i (M20B20, 2316cc Eng) 1977-on	43.5mm/1.712"	Inlet	O/S H/D +3.6mm, 7mm Stem, MK7 Collets
REC 505	323i (M20B20, 2316cc Eng) 1977-on	37.2mm/1.465"	Exhaust	O/S H/D +3.3mm, 7mm Stem, MK7 Collets
REC 504	325i (M20B25 Eng) 1985-92	42.5mm/1.670"	Inlet	O/S H/D +0.5mm, 7mm Stem, MK7
REC 505	325i (M20B25 Eng) 1985-92	36.6mm/1.440"	Exhaust	O/S H/D +0.6mm, 7mm Stem, MK7
REC 504	325e (M20B27 2693cc Eng) 1984-on	43.5mm/1.712"	Inlet	O/S H/D +3.6mm, 7mm Stem, MK7 Collets
REC 505	325e (M20B27 2693cc Eng) 1984-on	37.2mm/1.465"	Exhaust	O/S H/D +3.3mm, 7mm Stem, MK7 Collets
REC 390	325i E36 (M40 Eng) 1990-92	42.0mm/1.653"	Inlet	Std. H/D, 7mm Stem, MK7 Collets
REC 391	325i E36 (M40 Eng) 1990-92	36.0mm/1.417"	Exhaust	Std. H/D, 7mm Stem, MK7 Collets



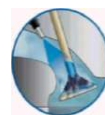
BMW - (Collets Available) (PTO)

REC 435	518 (118/4, M10B 1766cc Eng) 68-84	47.0mm/1.850"	Inlet	O/S H/D, 8mm Stem, MK8 Collets
REC 913		47.5mm/1.870"	Inlet	O/S H/D, 8mm Stem, MK8 Collets
REC 436	518 (118/4, M10B 1766cc Eng) 68-84	39.0mm/1.535"	Exhaust	O/S H/D, 8mm Stem, MK8 Collets
REC 390	518i E34 (M40B18 1796cc Eng) 88-94	42.0mm/1.653"	Inlet	7mm Stem, M40B18 Engine, MK7 Collets
REC 391	518i E34 (M40B18 1796cc Eng) 88-94	36.0mm/1.417"	Exhaust	7mm Stem, M40B18 Engine, MK7 Collets
REC 435	520i (2000E 1990cc Eng) 75-77	47.0mm/1.850"	Inlet	O/S H/D +1mm, 8mm Stem, MK8 Collets
REC 913		47.5mm/1.870"	Inlet	O/S H/D +1.5mm, 8mm Stem, MK8 Collets
REC 436	520i (2000E 1990cc Eng) 75-77	39.0mm/1.535"	Exhaust	O/S H/D +1mm, 8mm Stem, MK8 Collets
REC 504	520i (M20B20, 1990cc Eng) 1977-on	43.5mm/1.712"	Inlet	O/S H/D +3.6mm, 7mm Stem, MK7 Collets
REC 505	520i (M20B20, 1990cc Eng) 1977-on	37.2mm/1.465"	Exhaust	O/S H/D +3.3mm, 7mm Stem, MK7 Collets
REC 433	525 (125E, 2494cc Eng) 68-76	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	525 (125E, 2494cc Eng) 68-76	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 433	525 (M30B25, 2494cc Eng) 76-81	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	525 (M30B25, 2494cc Eng) 76-81	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 504	525e (M20B27, 2693cc Eng) 1983-on	43.5mm/1.712"	Inlet	O/S H/D +3.6mm, 7mm Stem, MK7 Collets
REC 505	525e (M20B27, 2693cc Eng) 1983-on	37.2mm/1.465"	Exhaust	O/S H/D +3.3mm, 7mm Stem, MK7 Collets
REC 433	525i (M30B25, 2494cc Eng) 80-on	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	525i (M30B25, 2494cc Eng) 80-on	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 504	525i (M20B25 Eng) 1988-90	42.5mm/1.670"	Inlet	O/S H/D +0.5mm, 7mm Stem, MK7
REC 505	525i (M20B25 Eng) 1988-90	36.6mm/1.440"	Exhaust	O/S H/D +0.6mm, 7mm Stem, MK7
REC 433	528i (128E, 2788cc Eng) 68-76	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	528i (128E, 2788cc Eng) 68-76	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 433	528i (M39B25, 2788cc Eng) 77-on	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	528i (M39B25, 2788cc Eng) 77-on	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 433	530i E24 (M30B30, 2985cc Eng) 88-on	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	530i E24 (M30B30, 2985cc Eng) 88-on	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 433	M535i E24 (M30B34, 3430cc Eng) 83-on	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	M535i E24 (M30B34, 3430cc Eng) 83-on	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 433	628i (M30B25, 2788cc Eng) 77-on	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	628i (M30B25, 2788cc Eng) 77-on	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 433	630CS E24 (3000E, 2985cc Eng) 76-80	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	630CS E24 (3000E, 2985cc Eng) 76-80	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 433	633CSi E24 (M30B32, 3210cc Eng) 76-82	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	633CSi E24 (M30B32, 3210cc Eng) 76-82	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 433	635CSi E24 (M30B34, 3430cc Eng) 83-on	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	635CSi E24 (M30B34, 3430cc Eng) 83-on	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 433	728 (M30B25, 2494cc Eng) 76-81	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	728 (M30B25, 2494cc Eng) 76-81	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 433	728i (M30B25, 2788cc Eng) 77-on	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	728i (M30B25, 2788cc Eng) 77-on	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 433	730 E24 (3000E, 2985cc Eng) 76-80	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets
REC 434	730 E24 (3000E, 2985cc Eng) 76-80	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets



BMW - (Collets Available) (PTO)

REC 433	730i E24 (M30B30, 2985cc Eng) 86-on	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets	
REC 434	730i E24 (M30B30, 2985cc Eng) 86-on	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets	
REC 433	732i E24 (M30B32, 3210cc Eng) 76-82	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets	
REC 434	732i E24 (M30B32, 3210cc Eng) 76-82	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets	
REC 433	733i E24 (M30B32, 3210cc Eng) 76-82	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets	
REC 434	733i E24 (M30B32, 3210cc Eng) 76-82	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets	
REC 433	735i E24 (M30B32, 3210cc Eng) 76-82	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets	
REC 434	735i E24 (M30B32, 3210cc Eng) 76-82	39.0mm/1.535"	Exhaust	O/S H/D +1.0mm, 8mm Stem, MK8 Collets	
REC 433	745i Turbo (M30B34, 3430cc Eng) 82-on	47.0mm/1.850"	Inlet	O/S H/D +1.0mm, 8mm Stem, MK8 Collets	
REC 828	BMW Mini, R52, R53 (W10, W11 Eng)	31.0mm/1.230"	Inlet	O/S H/D + 1.0mm, Std. Stem Dia.	
REC 933		31.0mm/1.230"	Inlet	O/S H/D + 1.0mm, Std. Stem SK6 (Single Groove)	
REC 830	BMW Mini, R52, R53 (W10, W11 Eng)	25.25mm/0.994"	Exhaust	O/S H/D + 2.0mm, Stellite Seat, Std. Stem Dia.	
REC 934		25.25mm/0.994"	Exhaust	O/S H/D + 2.0mm Stellite Seat SK6 (Single Groove)	
REC 830/1		25.25mm/0.994"	Exhaust	O/S H/D + 2.0mm, Stellite Seat O/S Stem (to run in 6mm Guides)	
REC 808		25.25mm/0.994"	Exhaust	O/S H/D + 2.0mm, Std. Stem Dia.	
REC 935		25.25mm/0.994"	Exhaust	O/S H/D + 2.0mm, Std. Stem SK6 (Single Groove)	
REC 808/1		25.25mm/0.994"	Exhaust	O/S H/D + 2.0mm, O/S Stem (to run in 6mm Guides)	
REC 942		BMW Mini Cooper S Turbo R56, R57 (N14 & N18 1600cc Eng) 2007-2010	29.3mm/1.154"	Inlet	O/S H/D +0.5mm, MK5 Collets (Triple Groove) , Will fit on Std. Seat Insert
REC 942/1			29.3mm/1.154"	Inlet	O/S H/D +0.5mm, SK5 Collets (Single Groove) , Will fit on Std. Seat Insert
REC 943	BMW Mini Cooper S Turbo R56, R57 (N14 & N18 1600cc Eng) 2007-2010	26.0mm/1.024"	Exhaust	Nimonic 80A, Std. H/D, MK5 Collets (Triple Groove)	
REC 943/1		26.0mm/1.024"	Exhaust	Nimonic 80A, Std. H/D, SK5 Collets (Single Groove)	
REC 504	Z1 (M20, 2494cc Eng) 1988-91	42.5mm/1.670"	Inlet	O/S H/D +0.5mm, 7mm Stem, M20 Engine, MK7	
REC 505	Z1 (M20, 2494cc Eng) 1988-91	36.6mm/1.440"	Exhaust	O/S H/D +0.6mm, 7mm Stem, M20 Engine, MK7	



Citroen - (Collets Available)

Part No.	Application	Head Diameter	Type	Comments
REC 915	Berlingo 1600cc 16 Valve 02/2002-on	31.5mm/1.240"	Inlet	TU5JP4 (NFU), TU5J4 (NFX) Engine, Std. H/D
REC 908		32.3mm/1.270"	Inlet	TU5JP4 (NFU), TU5J4 (NFX), O/S H/D + 1.00mm
REC 834 REC 834/1	Berlingo 1600cc 16 Valve 02/2002-on	25.50mm/1.004"	Exhaust	TU5JP4 (NFU), TU5J4 (NFX), O/S H/D + 1.00mm Setellite Seat, REC 834/1 - No Stellite Seat
REC 859	Saxo SX, VSX, VTL, VTR 1600cc 8 Valve, 07/1997-on	40.3mm/1.585"	Inlet	TU5JP/J2 Engine, O/S H/D + 1.0mm, MK7 Collets
REC 860	Saxo SX, VSX, VTL, VTR 1600cc 8 Valve, 07/1997-on	32.3mm/1.270"	Exhaust	TU5JP/J2 Engine, O/S H/D + 1.0mm, MK7 Collets
REC 859	Saxo VTS 1600cc, 8 Valve 09/1996-on	40.25mm/1.585"	Inlet	TU5JP/J2 Engine, O/S H/D + 1.0mm, MK7 Collets
REC 860	Saxo VTS 1600cc, 8 Valve 09/1996-on	32.25mm/1.270"	Exhaust	TU5JP/J2 Engine, O/S H/D + 1.0mm, MK7 Collets
REC 915	C2 / C3 / C4 1600cc 16 Valve 02/2002-on	31.5mm/1.240"	Inlet	TU5JP4 (NFU), TU5J4 (NFX) Engine, Std. H/D
REC 908		32.3mm/1.270"	Inlet	TU5JP4 (NFU), TU5J4 (NFX), O/S H/D + 1.00mm
REC 834 REC 834/1	C2 / C3 / C4 1600cc 16 Valve 02/2002-on	25.50mm/1.004"	Exhaust	TU5JP4 (NFU), TU5J4 (NFX), O/S H/D + 1.00mm Setellite Seat, REC 834/1 - No Stellite Seat
REC 915	Saxo S 1600cc 16 Valve 02/1996-on	31.5mm/1.240"	Inlet	TU5JP4 (NFU), TU5J4 (NFX) Engine, Std. H/D
REC 908		32.3mm/1.270"	Inlet	TU5JP4 (NFU), TU5J4 (NFX), O/S H/D + 1.00mm
REC 834 REC 834/1	Saxo S 1600cc 16 Valve 02/1996-on	25.50mm/1.004"	Exhaust	TU5JP4 (NFU), TU5J4 (NFX), O/S H/D + 1.00mm Setellite Seat, REC 834/1 - No Stellite Seat
REC 915	Xsara 1600cc 16 Valve 02/1996-on	31.5mm/1.240"	Inlet	TU5JP4 (NFU), TU5J4 (NFX) Engine, Std. H/D
REC 908		32.3mm/1.270"	Inlet	TU5JP4 (NFU), TU5J4 (NFX), O/S H/D + 1.00mm
REC 834 REC 834/1	Xsara 1600cc 16 Valve 02/1996-on	25.50mm/1.004"	Exhaust	TU5JP4 (NFU), TU5J4 (NFX), O/S H/D + 1.00mm Setellite Seat, REC 834/1 - No Stellite Seat

Cosworth - (Retainers, Collets & Guides Available) (PTO)

Part No.	Application	Head Diameter	Type	Comments
REC 263	BDA	1.275"/32.4mm	Inlet	Race Length, U-cut, O/S H/D +0.055", PP0672
REC 236		1.325"/33.6mm	Inlet	Race Length, PP0672 Collets
REC 236W		1.325"/33.6mm	Inlet	Race Length, Undercut, PP0672 Collets
REC 259		1.360"/34.5mm	Inlet	Race Length, Undercut, PP0672 Collets
REC 258		1.360"/34.5mm	Inlet	Long Stem, Undercut, PP0672 Collets
REC 238	BDA	1.145"/29.0mm	Exhaust	Race Length, PP0672 Collets
REC 232	Formula Atlantic 1600 BDA	1.220"/31.0mm	Inlet	Race Length, PP0672 Collets
REC 233	Formula Atlantic 1600 BDA	1.000"/25.4mm	Exhaust	Race Length, PP0672 Collets
REC 228	RS1800 BDA	1.220/31.0mm	Inlet	Std. Length, PP0672 Collets
REC 230		1.275"/32.4mm	Inlet	Std. Length, PP0672 Collets
REC 229	RS1800 BDA	1.000"/25.4mm	Exhaust	Std. Length, PP0672 Collets
REC 231		1.070"/27.2mm	Exhaust	Std. Length, PP0672 Collets
REC 256	BDG	1.400"/35.5mm	Inlet	Long Stem, PP0672 Collets
REC 476	BDG	1.200"/30.5mm	Exhaust	Long Stem (Different Cam Carrier), PP0672 Collets
REC 476N		1.200"/30.5mm	Exhaust	Nimonic, Long Stem, Different Cam Carrier, PP0672
REC 257		1.200"/30.5mm	Exhaust	Std. Cosworth Length, PP0672 Collets
REC 234	BDH	1.275"/32.4mm	Inlet	Race Length, Undercut, Std. H/D, PP0672 Collets
REC 235	BDH	1.070"/27.2mm	Exhaust	Race Length, Std. H/D, PP0672 Collets



Cosworth - (Retainers, Collets & Guides Available) - Continued

Part No.	Application	Head Diameter	Type	Comments
REC 476	BDT	1.200"/30.5mm	Exhaust	Long Stem, PP0672 Collets
REC 476N		1.200"/30.5mm	Exhaust	Nimonic, Long Stem, PP0672 Collets
REC 765	DFV 3 Litre	1.362"/34.6mm	Inlet	85.6mm Bore, 64.8mm Stroke, PP0672 Collets
REC 761		1.403"/35.6mm	Inlet	PP0672 Collets
REC 789		1.403"/35.6mm	Inlet	90.0mm Stroke, Short Stroke, PP0672 Collets
REC 906	DFV, DFR 3 Litre	1.463"/37.16mm	Inlet	PP0672 Collets
REC 906/1	DFV 3 Litre	1.430"/36.32mm	Inlet	PP0672 Collets
REC 766	DFV 3 Litre	1.184"/30.0mm	Exhaust	85.6mm Bore, 64.8mm Stroke, PP0672 Collets
REC 762		1.252"/31.8mm	Exhaust	PP0672 Collets
REC 907	DFV, DFR	1.252"/31.8mm	Exhaust	PP0672 Collets
REC 281	MAE 1000cc / 1100cc	1.400/35.5mm	Inlet	Push-Rod Engine, 9/32" Stem, PP0672 Collets
REC 275		1.450"/36.8mm	Inlet	Push-Rod Engine, 9/32" Stem, PP0672 Collets
REC 282	MAE 1000cc / 1100cc	1.250"/31.7mm	Exhaust	Push-Rod Engine, 9/32" Stem, PP0672 Collets
REC 269	SCA 1000cc	1.531"/38.9mm	Inlet	Alloy, Single Overhead Cam, PP0672 Collets
REC 243		1.625"/41.3mm	Inlet	Alloy, Single Overhead Cam, PP0672 Collets
REC 280	SCA 1000cc	1.300"/33.0mm	Exhaust	Alloy, Single Overhead Cam, PP0672 Collets
REC 241	SCB 1500cc	1.603"/40.7mm	Inlet	Alloy, Single Overhead Cam, PP0672 Collets
REC 243		1.625"/41.3mm	Inlet	Alloy, Single Overhead Cam, PP0672 Collets
REC 242	SCB 1500cc	1.405"/35.7mm	Exhaust	Alloy, Single Overhead Cam, PP0672 Collets
REC 394	FVA 1600cc	1.377"/35.0mm	Inlet	O/S H/D +0.052", PP0672 Collets
REC 395	FVA 1600cc	1.160"/29.5mm	Exhaust	O/S H/D +0.015", PP0672 Collets
REC 766		1.184"/30.0mm	Exhaust	O/S H/D +0.040", PP0672 Collets
REC 394	FVC 1800cc	1.377"/35.0mm	Inlet	Std., PP0672 Collets
REC 395	FVC 1800cc	1.160"/29.5mm	Exhaust	Std., PP0672 Collets
REC 766		1.184"/30.0mm	Exhaust	O/S H/D +0.5mm, PP0672 Collets
REC 878	Sierra Non-Turbo (Cosworth YB Engine)	1.459"/37.0mm	Inlet	9/32" Stem, PP0672 Collets
REC 879	Sierra Non-Turbo (Cosworth YB Engine)	1.222"/31.0mm	Exhaust	9/32" Stem, PP0672 Collets
REC 555	Sierra 4x4 Non-Turbo (Cosworth YB Engine)	1.427"/36.2mm	Inlet	9/32" Stem, Mk2 Head, Small Dia. U-Cut, PP0672
REC 555/1		1.427"/36.2mm	Inlet	9/32" Stem, Mk2 Head, Large Dia. U-Cut, PP0672
REC 529		1.500"/38.1mm	Inlet	9/32" Stem, Mk2 Head, PP0672 Collets
REC 556	Sierra 4x4 Non-Turbo (Cosworth YB Engine)	1.260/32.0mm	Exhaust	9/32" Stem, Mk2 Head, PP0672 Collets
REC 530		1.300/33.0mm	Exhaust	9/32" Stem, Mk2 Head, PP0672 Collets
REC 753	Sierra 4x4 Turbo (Ford YB Engine)	1.382"/35.1mm	Inlet	Std. H/D, 7mm Stem, Hydraulic Followers, RK7
REC 754	Sierra 4x4 Turbo (Ford YB Engine)	1.226"/31.1mm	Exhaust	Std. H/D, 8mm Stem, Hydraulic Followers, RK7
REC 754N		1.226"/31.1mm	Exhaust	Nimonic, Std., Hydraulic Followers, PP0672 Collets
51162	Sierra 4x4 Turbo (Cosworth YB Engine)	1.428"/36.2mm	Inlet	1.4882 Material, 9/32" Stem, PP0672 Collets
REC 898		1.496"/38.0mm	Inlet	O/S H/D, Length -0.095" from Tip, 9/32" Stem
REC 556N	Sierra 4x4 Turbo (Cosworth YB Engine)	1.260"/32.0mm	Exhaust	O/S H/D +1.0mm, Nimonic, 9/32" Stem, Solid Cam Follows, PP0672 Collets
REC 899N		1.299"/33.0mm	Exhaust	O/S H/D, Nimonic, 9/32" Stem, Length -0.098" from Tip, PP0672 Collets
REC 347/1	Sierra RS2000 Non-Turbo	1.400"/35.6mm	Inlet	9/32" Stem, 2WD, 4 Valve Head, PP0672 Collets
REC 348/1	Sierra RS2000 Non-Turbo	1.225"/31.1mm	Exhaust	9/32" Stem, 2WD, 4 Valve Head, PP0672 Collets



Coventry Climax (Retainers Available)

Part No.	Application	Head Diameter	Type	Comments
REC 557	FWE 1216cc 4 Cylinder	1.343"/34.1mm	Inlet	
REC 674		1.456"/37.0mm	Inlet	O/S H/D
REC 637	FWE 1216cc 4 Cylinder	1.200"/30.5mm	Exhaust	
REC 675		1.259"/32.0mm	Exhaust	O/S H/D

Datsun - see Nissan

Part No.	Application	Head Diameter	Type	Comments
REC 533	200SX (SR20 Engine)	1.417"/36.0mm	Inlet	O/S H/D +2mm, Early Roller Rocker
REC 534	200SX (SR20 Engine)	1.220"/31.0mm	Exhaust	O/S H/D +1mm, Early Roller Rocker

REC 610	Primera 2.0 Litre (SR20DE Engine)	1.342"/34.0mm	Inlet	Std. Cam Setup, Roller Rockers
REC 610/1		1.342"/34.0mm	Inlet	Length -1mm, Roller Rockers
REC 611	Primera 2.0 Litre (SR20DE Engine)	1.181"/30.0mm	Exhaust	Std. Cam Setup, Roller Rockers

REC 610	Serena 2.0 Litre (SR20DE Engine)	1.342"/34.0mm	Inlet	Std. Cam Setup, Roller Rockers
REC 610/1		1.342"/34.0mm	Inlet	Length -1mm, Roller Rockers
REC 611	Serena 2.0 Litre (SR20DE Engine)	1.181"/30.0mm	Exhaust	Std. Cam Setup, Roller Rockers

REC 312	Cherry / Sunny, 100A,A12	1.500"/38.1mm	Inlet	O/S H/D +3.1mm
REC 314	Cherry / Sunny, 100A,A12	1.260"/32.0mm	Exhaust	O/S H/D +3mm

REC 352	Sunny / Pulsar, E15 EGI Engine	1.535"/39.0mm	Inlet	O/S H/D +2mm
REC 353	Sunny / Pulsar, E15 EGI Engine	1.259"/32.0mm	Exhaust	O/S H/D +1mm

REC 944	180B / 240Z / 260Z	1.654"/42.0mm	Inlet	Std. Length 117.3mm L18/L20B/L24/L26 Engine
REC 367		1.732"/44.0mm	Inlet	Std. Length 117.3mm L18/L20B/L24/L26 Engine
REC 945	180B / 240Z / 260Z	1.299"/33.0mm	Exhaust	Std. Length 117.3mm L18/L20B/L24/L26 Engine
REC 368		1.378"/35.0mm	Exhaust	Length 116.2mm L18/L20B/L24/L26 Engine
REC 369		1.417"/36.0mm	Exhaust	Length 116.2mm L18/L20B/L24/L26 Engine

REC 684	1992 Micra, Group A	1.083"/27.5mm	Inlet	K11 1275cc (CG13DF Engine)
REC 685	1992 Micra, Group A	0.885"/22.5mm	Exhaust	K11 1275cc (CG13DF Engine)

Ferrari - (Retainers & Collets Available) (PTO)

Part No.	Application	Head Diameter	Type	Comments
REC 791	Daytona 365	1.653"/42.0mm	Inlet	
REC 792	Daytona 365	1.473"/37.4mm	Exhaust	

REC 479	246 Dino	1.670"/42.5mm	Inlet	DOHC 2.4 Litre, V6, 2 Valve Engine
REC 381	246	1.445"/36.7mm	Exhaust	DOHC 2.4 Litre, V6, 2 Valve Engine
REC 480	246 Dino	1.446"/36.7mm	Exhaust	No Dome, DOHC 2.4 Litre, V6, 2 Valve Engine

REC 410	250 GT 1963 (V12, Lusso Engine)	1.417"/36.0mm	Inlet	Hard Tip
REC 411	250 GT 1963 (V12, Lusso Engine)	1.232"/31.3mm	Exhaust	Hard Tip
REC 496	250 GT 1963 (V12, Lusso Engine)	1.338"/34.0mm	Inlet	Hard Tip
REC 497	250 GT 1963 (V12, Lusso Engine)	1.181"/30.0mm	Exhaust	Hard Tip



Ferrari - (Retainers & Collets Available) - Continued

Part No.	Application	Head Diameter	Type	Comments
REC 784/1	195 1960's (2 Litre, V12)	1.181"/30.0mm	Exhaust	Std. Valve , Hard Tip (Tapered Groove)
REC 788	250 GTO (early)	1.338"/34.0mm	Inlet	Tapered Groove Replaced with Bullock Groove Use Lotus Collets 10823 (X026E0045Z)
REC 785/1		1.260"/32.0mm	Inlet	Std. Valve , Hard Tip (Tapered Groove)
REC 785		1.260"/32.0mm	Inlet	Taper Groove Replaced with Bullock Groove Std. Length, Use Lotus Collets 10823 (X026E0045Z)
REC 784/1		1.181"/30.0mm	Exhaust	Std. Valve , Hard Tip (Tapered Groove)
REC 784		1.181"/30.0mm	Exhaust	Taper Groove Replaced with Bullock Groove Std. Length, Use Lotus Collets 10823 (X026E0045Z)
REC 821/1	250 / 275 GTO (Single Cam Heads)	1.496"/38.0mm	Inlet	Std. Valve , Hard Tip
REC 821		1.496"/38.0mm	Inlet	Seat to Groove -1mm, Hard Tip
REC 786		1.496"/38.0mm	Inlet	Length -1.5mm, Seat to Groove -1.0mm, Hard Tip
REC 822/1		1.275"/32.4mm	Exhaust	Std. Valve , Hard Tip
REC 822		1.275"/32.4mm	Exhaust	Seat to Groove -1mm, Hard Tip
REC 787	1.275"/32.4mm	Exhaust	Length -1.5mm, Seat to Groove -1mm, Hard Tip	
REC 468	288 GTO Turbo 1984-85	1.138"/28.9mm	Inlet	Std. Valve , RK7 Collets
REC 469	288 GTO Turbo 1984-85	1.023"/26mm	Exhaust	Std., One Piece Nimonic 80A, RK7 Collets
REC 468	308, 328 V8, (4 Valve)	1.138"/28.9mm	Inlet	Std. Valve , RK7 Collets
REC 469	308, 328 V8, (4 Valve)	1.023"/26mm	Exhaust	Std., One Piece Nimonic 80A, RK7 Collets
REC 380	308 GTB / 365 / 512BB / Boxer	1.647"/41.8mm	Inlet	2 Valve Engine
REC 381	308 GTB / 365 / 512BB / Boxer	1.445"/36.7mm	Exhaust	2 Valve Engine
REC 468	F40 1987-92	1.138"/28.9mm	Inlet	Std. Valve , RK7 Collets
REC 469	F40 1987-92	1.023"/26mm	Exhaust	Std., One Piece Nimonic 80A, RK7 Collets
REC 900	330 / 365 GTC / 365 2+2 V12	1.653/42.0mm	Inlet	Std. Valve
REC 437		1.670"/42.5mm	Inlet	O/S H/D + 0.5mm, Length +2.5mm
REC 901		1.472"/37.4mm	Exhaust	Std. Valve
REC 438		1.472"/37.4mm	Exhaust	Length +2.5mm

Fiat

Part No.	Application	Head Diameter	Type	Comments
REC 388	2 Litre, DOHC Lampredi Engine 1966-80	1.692"/43.0mm	Inlet	O/S H/D +1mm, Length +1.4mm
REC 389	2 Litre, DOHC Lampredi Engine 1966-80	1.466"/37.25mm	Exhaust	O/S H/D +1.25mm, Length +1.4mm

Ford - (Retainers, Collets and Guides Available) (PTO)



Escort, Cortina & Capri - Rimflow (TL20H & TL20L Engine)

Std. Valve Length's Inlet, Seat to Tip 109.1mm, Total 111.1mm
Exhaust, Seat to Tip 109.1mm, Total 110.5mm

Part No.	Application	Head Diameter	Type	Comments
SV 320/1	Pinto 2.0 Litre Group A Rimflow	1.655"/42.0mm	Inlet	Std. H/D, Triple Groove, Std. MK8 Collets Std. Length (Seat to Tip 109.1mm, Total 111.3mm)
SV 320/2	Pinto 2.0 Litre Group 1 Rimflow	1.750"/44.4mm	Inlet	O/S H/D +2.5mm, Triple Groove, Std. MK8 Collets Length's (Seat to Tip 110.4mm, Total 112.2mm)
SV 320/3		1.750"/44.4mm	Inlet	O/S H/D +2.5mm, Single Groove, Kit, RK8 Collets Length's (Seat to Tip 109.9mm, Total 112.0mm)
SV 320/56	Pinto 2.0 Litre Group A Rimflow	1.420"/36.0mm	Exhaust	Std. H/D, Triple Groove, Std. MK8 Collets Std. Length (Seat to Tip 109.1mm, Total 110.9mm)
SV 320/57	Pinto 2.0 Litre Group 1 Rimflow	1.500"/38.0mm	Exhaust	O/S H/D +2mm, Triple Groove, Std. MK8 Collets Length's (Seat to Tip 109.7mm, Total 111.6mm)
SV 320/58		1.500"/38.0mm	Exhaust	O/S H/D +2mm, Single Groove, Kit, RK8 Collets Std. Length (Seat to Tip 109.1mm, Total 110.9mm)

Anglia Super, Capri, Consul Classic, Consul Cortina (109E, 112E, 115E, 123E 1198cc Pre Crossflow)

Part No.	Application	Head Diameter	Type	Comments
Anglia, Prefect (105E, 106E, 107E 997cc) Kent Engine (Pre Crossflow)				
REC 201	105E, 106E, 107E 1959-1968	1.562/39.6mm	Inlet	O/S H/D +7.4mm/, Std. Stem & Groove
REC 202	105E, 106E, 107E 1959-1968	1.358"/34.5mm	Exhaust	O/S H/D +4.3mm, Std. Stem & Groove
REC 201	109E, 112E, 113E, 115E, 123E 1962-1968	1.562/39.6mm	Inlet	O/S H/D +7.4mm/, Std. Stem & Groove
REC 202	109E, 112E, 113E, 115E, 123E 1962-1968	1.358"/34.5mm	Exhaust	O/S H/D +4.3mm, Std. Stem & Groove

Cortina, Consul, Capri, Classic, Corsair (116E, 120E, 122E 1498cc / 1599cc) Kent Engine (Pre Crossflow)

REC 201	116E, 122E 1962-1967	1.562/39.6mm	Inlet	O/S H/D +3.1mm/, Std. Stem & Groove
REC 202	116E, 122E 1962-1967	1.358"/34.5mm	Exhaust	O/S H/D +4.3mm, Std. Stem & Groove

Consul, Capri, Cortina, Corsair & All GT Models (122E / 1498cc) Kent Engine (Pre Crossflow)

REC 201	122E 1963-1967	1.562/39.6mm	Inlet	O/S H/D +3.9mm/, Std. Stem & Groove
REC 202	122E 1963-1967	1.358"/34.5mm	Exhaust	O/S H/D +2.8mm, Std. Stem & Groove

Also See Cosworth MAE / SCA / SCB

Thames Van (307E / 997cc, 308E / 1198cc) Kent Engine (Pre Crossflow)

REC 201	307E 1959-1968 308E 1962-1968	1.562/39.6mm	Inlet	O/S H/D +7.4mm/, Std. Stem & Groove
REC 202	307E 1959-1968 308E 1962-1968	1.358"/34.5mm	Exhaust	O/S H/D +4.3mm, Std. Stem & Groove

Anglia, Cortina, Capri & Corsair (KL13 (711M), KL13H (2735E) & 2737E)

Kent Engine Crossflow (Small Chamber)

REC 203	Cross-Flow Pre 1970 (Small Chamber)	1.556"/39.5mm	Inlet	O/S H/D +1.3mm, Std. Stem, Length & Groove Std.
REC 204		1.625"/41.3mm	Inlet	O/S H/D +3.1mm, Std. Stem, Length & Groove Std.
REC 205	Cross-Flow Pre 1970 (Small Chamber)	1.358"/34.5mm	Exhaust	O/S H/D +3mm, Std. Stem, Length & Groove Std.

Ford - (Retainers, Collets and Guides Available) (PTO) - Continued



Anglia Super, Capri, Consul Classic, Consul Cortina (109E, 112E, 115E, 123E 1198cc Pre Crossflow)

Part No.	Application	Head Diameter	Type	Comments
Escort, Cortina, Capri & Fiesta: 940cc/1100cc/1300cc/1600cc (KL11, KL13, KL13G (711M) & KL13L Kent Engine Crossflow (Flat Head) Std. Triple Groove Valves, use 11355 retainer with REC 002 Springs				
REC 306	Cross-Flow (Flat Head), Mexico	1.558"/39.6mm	Inlet	O/S H/D, Std. Stem & Groove (Triple)
REC 247	Cross-Flow (Flat Head), Clubman	1.580"/40.1mm	Inlet	O/S H/D, 9/32" Stem, 88G459 Collets 10460 Spring Platforms, REC 005 Guides 10303/10020 Retainers
REC 250		1.580"/40.1mm	Inlet	O/S H/D, 5/16" Stem 10823 (LK1808) Collets
REC 260	Cross-Flow (Flat Head)	1.600"/40.6mm	Inlet	O/S H/D, Std. Stem & Groove (Triple)
REC 208	Cross-Flow (Flat Head), Mexico	1.625"/41.3mm	Inlet	O/S H/D, Std. Stem & Groove (Triple)
REC 208W		1.625"/41.3mm	Inlet	O/S H/D, Std. Stem & Groove (Triple) UnderCut
REC 292	Cross-Flow (Flat Head)	1.625"/41.3mm	Inlet	O/S H/D, 9/32" Stem, 88G459 Collets 10460 Spring Platforms, REC 005 Guides 10303/10020 Retainers
REC 265		1.680"/42.6mm	Inlet	O/S H/D, 9/32" Stem, 88G459 Collets 10460 Spring Platforms, REC 005 Guides 10303/10020 Retainers
REC 239	Cross-Flow (Flat Head), Clubman	1.720"/43.7mm	Inlet	O/S H/D, 5/16" Stem, Offset Guide 10823 (LK1808) Collets
REC 307	Cross-Flow (Flat Head), Mexico	1.330"/33.7mm	Exhaust	O/S H/D +2.2mm, Std Stem & Groove (Triple)
REC 425		1.337"/33.9mm	Exhaust	O/S H/D + 2.4mm , 5/16" Stem 10823 (LK1808) Collets
REC 261	Cross-Flow (Flat Head)	1.340"/34.0mm	Exhaust	O/S H/D, Std. Stem & Groove (Triple)
REC 248	Cross-Flow (Flat Head), Clubman	1.340"/34.0mm	Exhaust	O/S H/D, 9/32" Stem, 88G459 Collets 10460 Spring Platforms, REC 005 Guides 10303/10020 Retainers
REC 251		1.340"/34.0mm	Exhaust	O/S H/D, 5/16" Stem 10823 (LK1808) Collets
REC 209	Cross-Flow (Flat Head), Mexico	1.375"/34.9mm	Exhaust	O/S H/D, Std. Stem & Groove (Triple)
REC 209W		1.375"/34.9mm	Exhaust	O/S H/D, Std. Stem & Groove (Triple) Undercut
REC 293	Cross-Flow (Flat Head)	1.375"/34.9mm	Exhaust	O/S H/D, 9/32" Stem, 88G459 Collets 10460 Spring Platforms, REC 005 Guides 10303/10020 Retainers
REC 266		1.420"/36.0mm	Exhaust	O/S H/D, 9/32" Stem, Offset Guide, 88G459 Collets 10460 Spring Platforms, REC 005 Guides, 10303/10020 Retainers
REC 240	Cross-Flow (Flat Head), Clubman	1.420"/36.0mm	Exhaust	O/S H/D, 5/16" Stem, Offset Guide 10823 (LK1808) Collets

Ford - (Retainers, Collets and Guides Available) (PTO) - Continued
 Escort, Cortina, Capri & Fiesta 940cc/1100cc/1300cc/1600cc KL11, KL13, KL13G, 711M



KL13L Engine

Part No.	Application	Head Diameter	Type	Comments
REC 245	Cross-Flow (Deep Chamber)	1.600"/40.65mm	Inlet	5/16" Stem, Length 4.145"
REC 270		1.650"/41.9mm	Inlet	9/32" Stem, 88G459 or PP0672 Collets
REC 246	Cross-Flow (Deep Chamber)	1.400"/35.6mm	Exhaust	5/16" Stem, Length 4.145"
REC 271		1.425"/36.2mm	Exhaust	9/32" Stem, 88G459 or PP0672 Collets

Formula Ford (1600cc Cross-Flow Engine)

57974	Formula Ford	1.556"	Inlet	Std. Ford Inlet Valve - 711M-6507 DA
55011	Formula Ford	1.332"	Exhaust	Std. Ford Exhaust Valve - 791M-6505 DA

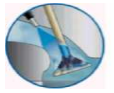
Escort, Cortina & Capri (TL16H & TL16L Engine)

REC 855	RS2000, Pinto 2.0 Litre Group 1	1.750"/44.4mm	Inlet	Single Groove Kit, RK8 Collets or Essex V6 Collets & Retainers
REC 917	RS2000, Pinto 2.0 Litre	1.800"/45.7mm	Inlet	O/S H/D, Single Groove Kit, RK8 Collets or Essex V6 Collets & Retainers
REC 856	RS2000, Pinto 2.0 Litre	1.500"/38.0mm	Exhaust	Single Groove Kit, RK8 Collets or Essex V6 Collets & Retainers

Escort, Cortina & Capri (TL20H & TL20L Engine) Std. Length In. Seat/Tip 109.1mm, Total 111.1mm, Ex. Seat/Tip 109.1mm, Total 110.5mm

REC 382	RS2000, Pinto 2.0 Litre	1.653"/42.0mm	Inlet	Std. H/D, Triple Groove Std. Group 2 Length, MK8 (Seat to Tip 111.1mm, Total 112.4mm)
2581	RS2000, Pinto 2.0 Litre Group 1	1.750"/44.4mm	Inlet	O/S H/D +2.5mm, U/Cut Stem Triple Groove, Std. MK8 Collets (Seat to Tip 109.0mm, Total 112.4mm)
REC 213		1.750"/44.4mm	Inlet	O/S H/D +2.5mm, U/Cut Stem Triple Groove, Std. MK8 Collets (Seat to Tip 109.0mm, Total 112.4mm)
REC 296	RS2000, Pinto 2.0 Litre	1.759"/44.4mm	Inlet	O/S H/D +2.5mm, Single Groove, Std. Length Kit, RK8 Collets or Essex V6 Collets & Retainers Length's (Seat to Tip 109.9mm, Total 111.1mm)
REC 296/1		1.759"/44.4mm	Inlet	O/S H/D +2.5mm, Single Groove, Length +1mm Kit, RK8 Collets or Essex V6 Collets & Retainers Length's (Seat to Tip 110.9mm, Total 112.2mm)
REC 296T		1.759"/44.4mm	Inlet	O/S H/D +2.5mm, Triple Groove, Std. MK8 Collets Length's (Seat to Tip 109mm, Total 110.3mm)
REC 454		1.800"/45.7mm	Inlet	O/S H/D +3.5mm Triple Groove, Std. MK8 Collets Length's (Seat to Tip 113.6mm, Total 114.9mm)
REC 882T		1.800"/45.7mm	Inlet	Same as REC 882/1, but std. MK8 collet
REC 882/1		1.800"/45.7mm	Inlet	O/S H/D, Single Groove, Std. Length Kit, RK8 Collets or Essex V6 Collets & Retainers Length's (Seat to Tip 109.9mm, Total 111.1mm)
REC 950		1.800"/45.7mm	Inlet	Same as REC 882/1 except Seat to Groove -0.050"
REC 383		RS2000, Pinto 2.0 Litre	1.417"/36.0mm	Exhaust
REC 426	1.437"/36.5mm		Exhaust	O/S H/D +0.5mm, Stellite Seat Triple Groove, Std. MK8 Collets Std. Length (Seat to Tip 108.8mm, Total 110.6mm)
REC 214	RS2000, Pinto 2.0 Litre Group 1	1.500"/38.0mm	Exhaust	O/S H/D +2mm, Wide Seat, Group 2 Length Triple Groove, Std. MK8 Collets Length's (Seat to Tip 111.1mm, Total 112.4mm)
REC 214N		1.500"/38.0mm	Exhaust	O/S H/D +2mm, Narrow Seat, Group 2 Length Triple Groove, Std. MK8 Collets Length's (Seat to Tip 111.1mm, Total 112.4mm)
REC 455		1.500"/38.0mm	Exhaust	O/S H/D +2mm, Triple Groove, Std. MK8 Collets Length's (Seat to Tip 113.6mm, Total 114.9mm)
REC 297	RS2000, Pinto 2.0 Litre	1.500"/38.0mm	Exhaust	O/S H/D +2mm, Single Groove Kit, RK8 Collets or Essex V6 Collets & Retainers Std. Length (Seat to Tip 109.3mm, Total 110.5mm)
REC 951		1.500"/38.0mm	Exhaust	Same as REC 297 except Seat to Groove -0.050"
REC 297/1		1.500"/38.0mm	Exhaust	O/S H/D +2mm, Single Groove Kit, RK8 Collets or Essex V6 Collets & Retainers Std. Length (Seat to Tip 110.3mm, Total 111.5mm)
REC 297T		1.500"/38.0mm	Exhaust	O/S H/D +2mm, Triple Groove, Std. MK8 Collets Length's (Seat to Tip 109.0mm, Total 110.35mm)

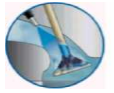
Ford - (Retainers, Collets and Guides Available) (PTO) - Continued



Capri / Granada (TV28 V6 Engine) Simease Ports

Part No.	Application	Head Diameter	Type	Comments	
Formula Ford (2.0 Litre Pinto Engine)					
REC 924	Formula Ford	1.653"/42.0mm	Inlet	Std. Ford Inlet Valve - 70HM6507DD Std. Length (Seat to Tip 109.1mm, Total 111.1mm)	
REC 925	Formula Ford	1.417"/36.0mm	Exhaust	Std. Ford Exhaust Valve - 70HM6505DE Std. Length (Seat to Tip 109.1mm, Total 110.5mm)	
Escort, Cortina & Capri (Warrior 4 Valve Engine) (TL20H & TL20L Engine)					
REC 471	Pinto 2.0 Litre, 4 Valve	1.415"/36.0mm	Inlet	Warrior Head	
REC 472	Pinto 2.0 Litre, 4 Valve	1.262"/32.0mm	Exhaust	Warrior Head	
Escort RS2000, Scorpio 2.0I (I4 16 Valve Engine) & 2.3I (Y5A Engine) - Not Duratec Engine					
REC 678	RS2000 Mk5 & Mk6 / Scorpio 1991-96	1.320"/33.5mm	Inlet	Std. H/D	
REC 679	RS2000 Mk5 & Mk6 / Scorpio 1991-96	1.182"/30.0mm	Exhaust	Std. H/D	
Capri (Essex V6) (EV30H Engine)					
REC 216	3.0 Litre Essex V6 Group 1	1.750"/44.4mm	Inlet	O/S H/D +3.3mm, O/S Length +0.7mm	
REC 290	3.0 Litre Essex V6 Group 2	1.800"/45.7mm	Inlet	O/S H/D +4.6mm, O/S Length +0.7mm	
REC 217	3.0 Litre Essex V6 Group 1	1.620"/41.1mm	Exhaust	O/S H/D +4.2mm, O/S Length +0.7mm	
Capri (V6) (Cologne Engine)					
REC 294	2.8 Litre Cologne V6	1.750"/44.4mm	Inlet	O/S H/D +4.5mm	
REC 295	2.8 Litre Cologne V6	1.500"/38.0mm	Exhaust	O/S H/D +2.0mm, MK8 Collets	
Capri / Granada (EAO V6 Engine) Simease Ports					
REC 429	2.9 Litre Cologne V6	1.750"/44.4mm	Inlet	O/S H/D +2.4mm	
REC 430	2.9 Litre Cologne V6	1.500"/38.0mm	Exhaust	O/S H/D +2.0mm, MK8 Collets	
Sierra, Escort, Fiesta, Orion (HL1.6 C.V.H. Engine)					
REC 267	1.6 Litre C.V.H.	1.670"/42.4mm	Inlet	Std. H/D, MK8 Collets	
REC 596		1.670"/42.4mm	Inlet	Std. H/D, 9/32" Stem, 88G459 or PP0672 Collets	
REC 581		1.700"/43.1mm	Inlet	O/S H/D +0.9mm, MK8 Collets	
REC 268	1.6 Litre C.V.H.	1.470"/37.3mm	Exhaust	Std. H/D, Std. Stem, Triple Groove, , MK8 Collets	
REC 872		1.490"/37.8mm	Exhaust	O/S H/D +0.5mm, Std. Stem, Triple Groove, MK8	
REC 597		1.470"/37.3mm	Exhaust	Std. H/D, 9/32" Stem, 88G459 or PP0672 Collets	
C-Max, Focus, Fiesta & Mondeo III 2.0 Litre (I4 Duratec AODA, AODB, CJBA, CJBB & N4JB Engine)					
REC 849	C-Max 2.0	02/2007-on	1.378"/35.0mm	Inlet	Std. H/D
REC 835			1.417"/36.0mm	Inlet	O/S H/D +1.0mm
REC 916	Focus C-Max 2.0	C-Max 03/04 - 03/07	1.457"/37.0mm	Inlet	O/S H/D +2.0mm
REC 936			1.378"/35.0mm	Inlet	High Flow , Std. H/D
REC 937	Focus II Cabriolet 2.0	10/2006-on	1.417"/36.0mm	Inlet	High Flow , O/S H/D +1.0mm
REC 938			1.457"/37.0mm	Inlet	High Flow , O/S H/D +2.0mm
REC 850	Fiesta V ST150	03/2005-on	1.181"/30.0mm	Exhaust	Std. H/D
REC 932			1.181"/30.0mm	Exhaust	High Power N/A , Std. H/D - (No Undercut)
REC 850N	Focus II 2.0	11/2004-on	1.181"/30.0mm	Exhaust	High Power Turbo , Nimonic, Std. H/D
REC 836			1.220"/31.0mm	Exhaust	O/S H/D +1mm
REC 918	Mondeo III 2.0 16V	11/00 - 08/07	1.260"/32.0mm	Exhaust	O/S H/D +2mm - (No Undercut)
Sierra (Cosworth YB Engine)					
REC 878	Sierra Non-Turbo (Cosworth YB Engine)		1.459"/37.0mm	Inlet	9/32" Stem, PP0672 Collets
REC 879	Sierra Non-Turbo (Cosworth YB Engine)		1.222"/31.0mm	Exhaust	9/32" Stem, PP0672 Collets
Sierra - PTO					
REC 753	Sierra 4x4 Turbo (Ford YB Engine)		1.382"/35.1mm	Inlet	Std. , RK7 Collets, 7mm Stem
51162	Sierra 4x4 Turbo (Cosworth YB Engine)		1.428"/36.2mm	Inlet	Turbo, PP0672 Collets
REC 898			1.496"/38.0mm	Inlet	Turbo, O/S H/D, Length -0.095" from Tip, PP0672
REC 754	Sierra 4x4 Turbo (Ford YB Engine)		1.226"/31.1mm	Exhaust	Std., Hydraulic Followers, RK7 Collets, 8mm Stem
REC 754N			1.226"/31.1mm	Exhaust	Nimonic, Std., Hyd. Followers, RK7, 8mm Stem
REC 556N	Sierra 4x4 Turbo (Cosworth YB Engine)		1.260"/32.0mm	Exhaust	Nimonic, 9/32" Stem, Mk2 Head, PP0672 Collets
REC 899N			1.299"/33.0mm	Exhaust	Nimonic, 9/32" Stem, O/S H/D Length -0.098" from Tip, PP0672 Collets

Ford (Retainers and Guides Available) - Continued



Escort, Fiesta, Mondeo, Focus 1800cc/2000cc (RD, RK & RQ Zetec E Engine) - 'Silver Top' Iron Block

Part No.	Application	Head Diameter	Type	Comments
Sierra - Continued				
REC 555	Sierra 4x4 Non-Turbo (Cosworth YB Engine)	1.427"/36.2mm	Inlet	9/32" Stem, Mk2 Head, 0.218" Dia. U/Cut, PP0672
REC 555/1		1.427"/36.2mm	Inlet	9/32" Stem, Mk2 Head, 0.232" Dia. U/Cut, PP0672
REC 529		1.500"/38.1mm	Inlet	9/32" Stem, Mk2 Head, PP0672 Collets
REC 556		1.260"/32.0mm	Exhaust	9/32" Stem, Mk2 Head, PP0672 Collets
REC 530		1.300"/33.0mm	Exhaust	9/32" Stem, Mk2 Head, PP0672 Collets

RS2000 Sierra

REC 347/1	Sierra RS2000 Non-Turbo	1.400"/35.6mm	Inlet	9/32" Stem, 2WD, 4 Valve Head, PP0672 Collets
REC 348/1	Sierra RS2000 Non-Turbo	1.225"/31.1mm	Exhaust	9/32" Stem, 2WD, 4 Valve Head, PP0672 Collets

Fiesta V, Focus II, Fusion

(FYDA, DB, DC, DD, DH, JA, JB, HWDA, DB, HXDA & SHDA 1.6L Zetec SE Alloy Block Yamaha Engine)

REC 880	Zetec Sigma 1600cc Ti VCT 2001-on	1.240"/31.5mm	Inlet	Triple Groove, O/S H/D +1.5mm, MK6 Collets
REC 881	Zetec Sigma 1600cc Ti VCT 2001-on	0.984"/25.0mm	Exhaust	Triple Groove, O/S H/D +0.85mm, MK6 Collets

Puma Coupe DOHC (ZH17 Zetec S VCT MHA & MHB Engine,) 1700cc Alloy Block, Yamaha Engine

REC 902	Ford Super Puma 09/1997 - 07/2002	1.181"/30.0mm	Inlet	Swindon Engine (1mm Radius)
REC 902/1		1.181"/30.0mm	Inlet	SK6 Collet/Retainer 11256, NOT std. collets/retainer
REC 902/2		1.181"/30.0mm	Inlet	Std. Collets & Retainer
REC 903	Ford Super Puma 09/1997 - 07/2002	1.024"/26.0mm	Exhaust	Swindon Engine (1mm Radius)
REC 903/1		1.024"/26.0mm	Exhaust	SK6 Collet/Retainer 11256, NOT std. collets/retainer
REC 903/2		1.024"/26.0mm	Exhaust	Std. Collets & Retainer

Escort, Fiesta, Mondeo, Focus, Orion 1800cc/2000cc, (Zetec Engine) - 'Silver Top', Iron Block

REC 696	Zetec 1.800/2.000 Litre 05/1991 - 8/1997	1.319"/33.5mm	Inlet	Single Groove, O/S H/D +1.5mm, Std. O/E Collets or Conversion SK6 Collets & 11319 Retainer
REC 697	Zetec 1.800/2.000 Litre 05/1991 - 8/1997	1.181"/30.0mm	Exhaust	Single Groove, O/S H/D +2.0mm, Std. O/E Collets or Conversion SK6 Collets & 11319 Retainer

Escort, Fiesta, Mondeo, Focus 1800cc/2000cc, (Zetec R Engine) - 'Black Top', Iron Block

REC 920	Zetec 1.800/2.000 Litre 06/1998 - 2004	1.339"/34.0mm	Inlet	Triple Groove, O/S H/D +1mm, MK6 Collets Dished, Seat to Groove +1mm Retainer 10991 (+2.5mm on spring for increased lift)
REC 921	Zetec 1.800/2.000 Litre 06/1998 - 2004	1.142"/29.0mm	Exhaust	Triple Groove, O/S H/D +1mm, MK6 Collets Flat Back, Seat to Groove +1mm Retainer 10991 (+2.5mm on spring for increased lift)

Focus 2000cc, (Zetec ST170 - ALDA Engine) - 'Silver Top, Badged Duratec', Iron Block

REC 922	Zetec 2.000 Litre 2002-on	1.358"/34.5mm	Inlet	Triple Groove, O/S H/D +1mm, MK6 Collets Dished, Seat to Groove +1mm Retainer 10991 (+2.5mm on spring for increased lift)
REC 923	Zetec 2.000 Litre 2002-on	1.142"/29.0mm	Exhaust	Triple Groove, O/S H/D +1mm, MK6 Collets Flat Back, Seat to Groove +1mm Retainer 10991 (+2.5mm on spring for increased lift)

Hart

Part No.	Application	Head Diameter	Type	Comments
REC 447	420R Formula 2 (4 Cylinder)	1.500"/38.0mm		Inlet
REC 713		1.550"/39.4mm		Inlet
REC 724		1.600"/40.6mm		Inlet
REC 448		1.250"/31.7mm		Exhaust
REC 723		1.300"/33.0mm		Exhaust

Hillman

Part No.	Application	Head Diameter	Type	Comments
REC 747	Imp 1963-76	1.400"/35.5mm	Inlet	O/S H/D +3mm
REC 748	Imp 1963-76	1.125"/28.5mm	Exhaust	O/S H/D +0.7mm

Honda



Part No.	Application	Head Diameter	Type	Comments
REC 669	Civic VTI EK4	33.0mm	Inlet	B16a, B16b & B18c Engines
REC 670	Civic VTI EK4	28.1mm	Exhaust	B16a, B16b & B18c Engines
REC 669	Civic Type R EK9	33.0mm	Inlet	B16a, B16b & B18c Engines
REC 670	Civic Type R EK9	28.1mm	Exhaust	B16a, B16b & B18c Engines
REC 946	Civic Type R 2001-2011	35.0mm Std. H/D	Inlet	K20A Engines
REC 948		36.0mm	Inlet	O/S H/D +1mm, K20A Engines
REC 947	Civic Type R 2001-2011	30.0mm Std. H/D	Exhaust	K20A Engines
REC 949		31.0mm	Exhaust	O/S H/D +1mm, K20A Engines
REC 669	Integra Type R DC2	33.0mm	Inlet	B16a, B16b & B18c Engines
REC 670	Integra Type R DC2	28.1mm	Exhaust	B16a, B16b & B18c Engines
REC 946	Integra Type R 2001-2006	35.0mm Std. H/D	Inlet	K20A Engines
REC 948		36.0mm	Inlet	O/S H/D +1mm, K20A Engines
REC 947	Integra Type R 2001-2006	30.0mm St.d H/D	Exhaust	K20A Engines
REC 949		31.0mm	Exhaust	O/S H/D +1mm, K20A Engines
REC 946	Accord Euro R 2001-2006	35.0mm Std. H/D	Inlet	K20A Engines
REC 948		36.0mm	Inlet	O/S H/D +1mm, K20A Engines
REC 947	Accord Euro R 2001-2006	30.0mm St.d H/D	Exhaust	K20A Engines
REC 949		31.0mm	Exhaust	O/S H/D +1mm, K20A Engines
REC 948	S2000 1999-2009	36.0mm Std. H/D	Inlet	AP1 (F20C) Engines
REC 949	S2000 1999-2009	31.0mm St.d H/D	Exhaust	AP1 (F20C) Engines

Jaguar (Guides & Collets Available)

Part No.	Application	Head Diameter	Type	Comments
REC 400	3.4, 3.8, 4.2 Litre (Series 1 & 2)	1.800"/45.7mm	Inlet	XK Engine, 6 Cylinder, O/S H/D +0.050" 10823 (EBC2997) Collets
REC 552	3.4, 3.8, 4.2 Litre (Series 3)	1.875"/47.6mm	Inlet	XK Engine, 6 Cylinder, Fuel Injection 10823 (EBC2997) Collets
REC 716	3.4, 3.8, 4.2 Litre (6 Cylinder)	2.000"/50.8mm	Inlet	XK Engine, Std. Length, No Seat on Valve 10823 (EBC2997) Collets
REC 885		2.000"/50.8mm	Inlet	XK Engine, Length +0.050", No Seat on Valve 10823 (EBC2997) Collets
REC 401	3.4, 3.8, 4.2 Litre (6 Cylinder)	1.650"/41.9mm	Exhaust	XK Engine, Std. Length, O/S H/D +0.025" 10823 (EBC2997) Collets
REC 886		1.650"/41.9mm	Exhaust	XK Engine, +0.050" Length, O/S H/D +0.025" 10823 (EBC2997) Collets

E-Type, XJS, XJ12, Daimler Double Six, Panther J7.2 & Panther De Ville

REC 649	V12 5.3 Litre, 1971-1981	1.800"/45.7mm	Inlet	O/S H/D +4.4mm, Pre HE Cylinder Heads 10823 (EBC2997) Collets
REC 650	V12 5.3 Litre, 1971-1981	1.450"/36.8mm	Exhaust	O/S H/D +2.3mm, Pre HE Cylinder Heads 10823 (EBC2997) Collets

Lada

Part No.	Application	Head Diameter	Type	Comments
REC 408	1200, 1300, 1500 Vaz, 1974 - 1979 1600 Niva 4x4, 1977-1994 (Group A)	1.456"/37.0mm	Inlet	1198cc - 1011, 2101, 2102 Engines 1294cc - 21011, 21033 Engines & 1451cc - 2103 Engine Std. H/D. 1568cc - 2106, 2107 & 2121 Engines RK8 Collets
REC 409	1200, 1300, 1500 Vaz, 1974 - 1979 1600 Niva 4x4, 1977-1994 (Group A)	1.240"/31.5mm	Exhaust	1198cc - 1011, 2101, 2102 Engines 1294cc - 21011, 21033 Engines & 1451cc - 2103 Engine Std. H/D. 1568cc - 2106, 2107 & 2121 Engines RK8 Collets

Lancia - (Collets Available)

Part No.	Application	Head Diameter	Type	Comments
REC 468	Thema 8.32, 1986-1991	1.138"/37.0mm	Inlet	V8, 4 Valve (Ferrari Engine), RK7 Collets
REC 469	Thema 8.32, 1986-1991	1.020"/25.9mm	Exhaust	V8, 4 Valve (Ferrari Engine), RK7 Collets



Lotus (Guides & Collets Available) (PTO)

Part No.	Application	Head Diameter	Type	Comments
REC 218	1558cc Twin Cam	1.530"/38.8mm	Inlet	Std. Length, 10823 (X026E0045Z) Collets
REC 355		1.530"/38.8mm	Inlet	Race Length, 10823 (X026E0045Z) Collets
REC 220	1558cc Sprint Group II, Twin Cam	1.563"/39.7mm	Inlet	EN52, Std. Length, 10823 (X026E0045Z) Collets
REC 220/1	1558cc Sprint Group II, Twin Cam	1.563"/39.7mm	Inlet	214N, Std. Length, 10823 (X026E0045Z) Collets
REC 220/2	1558cc Sprint Group II, Twin Cam	1.563"/39.7mm	Inlet	Length + 0.100", 10823 (X026E0045Z) Collets
REC 244	1558cc Twin Cam	1.625"/41.2mm	Inlet	Std. Length, 10823 (X026E0045Z) Collets
REC 223	1558cc BRM, Twin Cam	1.610"/40.9mm	Inlet	Race Length, 10823 (X026E0045Z) Collets
REC 225		1.625"/41.2mm	Inlet	Race Length, 10823 (X026E0045Z) Collets
REC 470	1558cc Twin Cam	1.700"/43.1mm	Inlet	Race Length, 10823 (X026E0045Z) Collets
REC 219	1558cc Twin Cam	1.322"/33.5mm	Exhaust	Std. Length, 10823 (X026E0045Z) Collets
REC 219/1		1.322"/33.5mm	Exhaust	Length +0.100", 10823 (X026E0045Z) Collets
REC 356		1.322"/33.5mm	Exhaust	Race Length, 10823 (X026E0045Z) Collets
REC 222		1.375"/34.9mm	Exhaust	Std. Length, 10823 (X026E0045Z) Collets
REC 320		1.400"/35.5mm	Exhaust	Std. Length, 10823 (X026E0045Z) Collets
REC 226		1558cc BRM, Twin Cam	1.375"/34.9mm	Exhaust
REC 227	1.400"/35.5mm		Exhaust	Race Length, 10823 (X026E0045Z) Collets
REC 264	1558cc Twin Cam	1.440"/36.5mm	Exhaust	Race Length, 10823 (X026E0045Z) Collets
REC 252	907 2.0 Litre	1.450"/36.8mm	Inlet	O/S H/D +1.27mm, Race Length, PP0672 Collets
REC 252/1		1.450"/36.8mm	Inlet	O/S H/D +1.27mm, 30 Deg. Break Race Length
REC 253	907 2.0 Litre	1.275"/32.4mm	Exhaust	O/S H/D +1.50mm, Race Length, PP0672 Collets
REC 253/1		1.275"/32.4mm	Exhaust	O/S H/D +1.50mm, 25 deg. Angle Race Length
REC 739	Elise 1800cc, 18K4F Engine	1.161"/29.5mm	Inlet	SK6 Collets
REC 740	Elise 1800cc, 18K4F Engine	1.023"/26.0mm	Exhaust	SK6 Collets
REC 740/1		1.023"/26.0mm	Exhaust	Undercut, SK6 Collets
REC 757	Elise 1800cc, VVC/VHPD, 18K4K Engine	31.5mm/1.240"	Inlet	Std. H/D, SK6 Collets
REC 767		32.5mm/1.280"	Inlet	O/S H/D +1mm, SK6 Collets
REC 768		33.5mm/1.319"	Inlet	O/S H/D +2mm, SK6 Collets
REC 846		34.5mm/1.358"	Inlet	O/S H/D +3mm, SK6 Collets
REC 758	Elise 1800cc, VVC/VHPD, 18K4K Engine	27.3mm/1.079"	Exhaust	Std. H/D, SK6 Collets
REC 758/1		27.3mm/1.079"	Exhaust	Undercut, Std. H/D, SK6 Collets
REC 783		28.5mm/1.122"	Exhaust	O/S H/D +1mm, SK6 Collets
REC 783/1		28.5mm/1.122"	Exhaust	Undercut, O/S H/D +1mm, SK6 Collets
REC 868	Esprit 1996 (918 DOHC Twin Turbo V8)	33.5mm	Inlet	Std. Valve, EN52
REC 869	Esprit 1996 (918 DOHC Twin Turbo V8)	30.0mm	Exhaust	Std. Valve, Nimonic 80A/EN52 Bi-metal

Maserati

Part No.	Application	Head Diameter	Type	Comments
REC 639	Merek 3.0 Litre SS	1.689"/43.0mm	Exhaust	V6 Engine

Mazda

Part No.	Application	Head Diameter	Type	Comments
REC 698	323 4WD GT-R, DOHC, 16v, 1839 cc	1.299"/33.0mm	Inlet	Std. Inlet, Engine BPD
REC 699	323 4WD GT-R, DOHC, 16v, 1839 cc	1.102"/28.0mm	Exhaust	Std. Exhaust, Engine BPD

MX5

REC 928	MX5 MK1 1600cc 1989-98 Eunos / UK	31.0mm/1.220"	Inlet	Std. H/D., Hyd. Lifters, (Engine B61P), Flat
REC 930		32.0mm/1.260"	Inlet	O/S H/D. + 1mm, Hyd. Lifters, (Engine B61P), Flat
REC 929	MX5 MK1 1600cc 1989-98 Eunos / UK	26.2mm/1.032"	Exhaust	Std. H/D., Hyd. Lifters, (Engine B61P), Flat
REC 931		27.2mm/1.071"	Exhaust	O/S H/D. +1mm, Hyd. Lifters, (Engine B61P), Flat
REC 926	MX5 MK2 1800cc 2001-2005	33.0mm/1.299"	Inlet	Std. H/D., VVT, Solid Lifters (Engine BPZ3), Flat
REC 927	MX5 MK2 1800cc 2001-2005	28.0mm/1.102"	Exhaust	Std. H/D., VVT, Solid Lifters (Engine BPZ3), Flat

MG - (Collets & Guides Available) (PTO)



MGB - Rimflow (SV)

Part No.	Application	Head Diameter	Type	Comments
SV 310/1	MGB Rimflow	1.565"/39.7mm	Inlet	Std. H/D, Std. 11/32" Stem
SV 310/2		1.625"/41.2mm	Inlet	O/S H/D +1.5mm, Std. 11/32" Stem
SV 310/3		1.690"/43.0mm	Inlet	O/S H/D +3.2mm, Std. 11/32" Stem
SV 310/5		1.748"/44.4mm	Inlet	O/S H/D +4.7mm, Std. 11/32" Stem
SV 310/50	MGB Rimflow	1.350"/34.2mm	Exhaust	Std. H/D, Std. 11/32" Stem
SV 310/51		1.440"/36.6mm	Exhaust	O/S H/D +2.4mm, Std. 11/32" Stem
SV 310/52		1.469"/37.3mm	Exhaust	O/S H/D +3.1mm, Std. 11/32" Stem

MG TB, TC & Early TD Mk1

REC 1733	1250cc Xpag Engine	1.320"/33.5mm	Inlet	Std. H/D
REC 1734	1250cc Xpag Engine	1.220"/31.0mm	Exhaust	O/S H/D +0.030"
REC 523		1.245"/31.6mm	Exhaust	O/S H/D +0.060"

MG TD Mk2 & TF

REC 1735	1250cc/1466cc Xpag Engine	1.437"/36.5mm	Inlet	Std. H/D
REC 1736	1250cc/1466cc Xpag Engine	1.358"/35.5mm	Exhaust	U/S H/D 0.020", (Std. H/D 1.375")

MGA

REC 140	MGA 1955-1962	1.281"/32.5mm	Exhaust	Stellite Seat, Std. H/D
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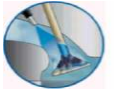
Metro Turbo

38418	MG Metro Turbo 1275cc 1982-on	1.215"/30.85mm	Exhaust	O/S H/D +1.5mm, 8mm Stems, Triple Groove, MK8
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MGB - (4 cylinder)

REC 112	MGB 1800cc 4 Cyl. 1967-80 (Eng. 18V)	1.690"/43.0mm	Inlet	O/S H/D +3.2mm, Std. 11/32" Stem
REC 793		1.700"/43.2mm	Inlet	O/S H/D +3.5mm, 7mm Stem, Kit, KK7 Collets
REC 125	MGB 1800cc 4 Cyl. 1967-80 (Eng. 18V)	1.355"/34.4mm	Exhaust	Std. H/D, Stellite Seat, Std. 11/32" Stem
REC 113		1.440"/36.6mm	Exhaust	O/S H/D +2.4mm, Std. 11/32" Stem
REC 794		1.456"/37.0mm	Exhaust	O/S H/D +2.6mm, 7mm Stem, Kit, KK7 Collets

MG - (Collets & Guides Available) (PTO)



MGB - (V8)

REC 315	V8 3500cc 1973-1976	1.630"/41.4mm	Inlet	O/S H/D +3.3mm, Std. Stem, Std. Groove
REC 460		1.692"/43.0mm	Inlet	O/S H/D +4.9mm, Std. Stem, Std. Groove
REC 477		1.692"/43.0mm	Inlet	O/S H/D +4.9mm, 5/16" Stem, Triple Groove, MK8
REC 477/1		1.692"/43.0mm	Inlet	O/S H/D +4.9mm, 5/16" Stem 10823 (X026E0045Z) Lotus T/Cam Collets
REC 508		1.750"/44.4mm	Inlet	O/S H/D +6.3mm, 5/16" stem, Triple Groove, MK8
REC 456		1.844"/46.8mm	Inlet	O/S H/D +8.7mm, 5/16" stem, Triple Groove, MK8
REC 117	V8 3500cc 1973-1976	1.350"/34.3mm	Exhaust	O/S H/D +1.0mm, Std. Stem, Std. Groove
REC 316		1.400"/35.5mm	Exhaust	O/S H/D +2.2mm, Std. Stem, Std. Groove
REC 461		1.455"/37.0mm	Exhaust	O/S H/D +3.7mm, Std. Stem, Std. Groove
REC 478		1.455"/37.0mm	Exhaust	O/S H/D +3.7mm, 5/16" Stem, Triple Groove, MK8
REC 478/1		1.455"/37.0mm	Exhaust	O/S H/D +3.7mm, 5/16" Stem 10823 (Z026E0045Z) Lotus T/Cam Collets
REC 509		1.470"/37.3mm	Exhaust	O/S H/D +4mm, 5/16" Stem, Triple Groove, MK8
REC 457		1.556"/39.5mm	Exhaust	O/S H/D +6.2mm, 5/16" Stem, Triple Groove, MK8

MGC

REC 141	MGC 1967-1969	1.770"/45.0mm	Inlet	O/S H/D 0.020" / +0.5mm
REC 142	MGC 1967-1969	1.563"/39.7mm	Exhaust	Stellite Seat

MGF

REC 757	MGF (VVC Timing)	31.5mm/1.240"	Inlet	SK6 Collets
REC 767		32.5mm/1.280"	Inlet	SK6 Collets
REC 768		33.5mm/1.319"	Inlet	SK6 Collets
REC 846	MGF (VVC Timing), Touring Car	34.5mm/1.358"	Inlet	SK6 Collets
REC 758	MGF (VVC Timing)	27.3mm/1.079"	Exhaust	SK6 Collets
REC 783		28.5mm/1.122"	Exhaust	SK6 Collets

Nissan (see Datsun)

Part No.	Application	Head Diameter	Type	Comments
REC 610	Primera 2.0 Litre (SR20DE Engine)	1.417"/36.0mm	Inlet	Std. Cam Setup, Roller Rockers
REC 610/1		1.417"/36.0mm	Inlet	Length -1mm, Roller Rockers
REC 611	Primera 2.0 Litre (SR20DE Engine)	1.220"/31.0mm	Exahust	Std. Cam Setup, Roller Rockers
REC 610	Serena 2.0 Litre (SR20DE Engine)	1.417"/36.0mm	Inlet	Std. Cam Setup, Roller Rockers
REC 610/1		1.417"/36.0mm	Inlet	Length -1mm, Roller Rockers
REC 611	Serena 2.0 Litre (SR20DE Engine)	1.220"/31.0mm	Exahust	Std. Cam Setup, Roller Rockers
REC 312	Cherry / Sunny, 100A,A12	1.500"/38.1mm	Inlet	O/S H/D +3.1mm
REC 314	Cherry / Sunny, 100A,A12	1.260"/32.0mm	Exahust	O/S H/D +3mm
REC 352	Sunny / Pulsar, E15 EGI Engine	1.535"/39.0mm	Inlet	O/S H/D +2mm
REC 353	Sunny / Pulsar, E15 EGI Engine	1.259"/32.0mm	Exahust	O/S H/D +1mm
REC 533	200SX (SR20 Engine)	1.417"/36.0mm	Inlet	O/S H/D +2mm, Early Roller Rocker
REC 534	200SX (SR20 Engine)	1.220"/31.0mm	Exahust	O/S H/D +1mm, Early Roller Rocker
REC 610	200SX (SR20DE Engine)	1.342"/34.0mm	Inlet	Std. Cam Setup, Roller Rockers
REC 610/1		1.342"/34.0mm	Inlet	Length -1mm, Roller Rockers
REC 611	200SX (SR20DE Engine)	1.181"/30.0mm	Exahust	Std. Cam Setup, Roller Rockers
REC 684	Micra, Group A 1992-2002	1.083"/27.5mm	Inlet	K11 1275cc (CG13DF Engine)
REC 685	Micra, Group A 1992-2002	0.885"/22.5mm	Exhaust	K11 1275cc (CG13DF Engine)

Opel - (Collets Available)

Part No.	Application	Head Diameter	Type	Comments
REC 288	Manta. Kadett (Group A) 2 valve 1970-78	42.0mm/1.653"	Inlet	9mm Stem, Single Groove, KK9 Collets
REC 286	Manta. Kadett (Group 1) 2 valve 1970-78	45.0mm/1.771"	Inlet	9mm Stem, Single Groove, KK9 Collets
REC 359	Manta. Kadett 2 valve 1970-78	46.0mm/1.811"	Inlet	9mm Stem, Single Groove, KK9 Collets
REC 289	Manta. Kadett (Group A) 2 valve 1970-78	37.0mm/1.456"	Exhaust	9mm Stem, Single Groove, KK9 Collets
REC 287	Manta. Kadett (Group 1) 2 valve 1970-78	40.0mm/1.575	Exhaust	9mm Stem, Single Groove, KK9 Collets
REC 291	Manta. Kadett (Group B) 2 valve 1970-78	41.0mm/1.614	Exhaust	9mm Stem, Single Groove, KK9 Collets
REC 358	Manta. Kadett 2 valve 1970-78	45.0mm/1.772"	Inlet	8mm Stem, Triple Groove, MK8 Collets
REC 357		46.0mm/1.811"	Inlet	8mm Stem, Single Groove, RK8 Collets
REC 451		47.0mm/1.850"	Inlet	8mm Stem, Triple Groove, MK8 Collets
REC 364	Manta. Kadett 2 valve 1970-78	40.0mm/1.575	Exhaust	8mm Stem, Triple Groove, MK8 Collets
REC 365		41.0mm/1.614"	Exhaust	8mm Stem, Triple Groove, MK8 Collets
REC 513	Manta, Ascona 400 2.4L 4 valve 1981-84	37.0mm/1.460"	Inlet	7mm Stem, Triple Groove, MK7 Collets
REC 514	Manta, Ascona 400 2.4L 4 valve 1981-84	32.4mm/1.275"	Exhaust	7mm Stem, Triple Groove, MK7 Collets

Peugeot - (Collets Available) (PTO)

Part No.	Application	Head Diameter	Type	Comments
REC 859	106 1.3i, Rallye 1294cc, 8 Valve 1994-on	40.3mm/1.585"	Inlet	TU2/J2 Engine, O/S H/D + 1.0mm, MK7 Collets
REC 860	106 1.3i, Rallye 1294cc, 8 Valve 1994-on	32.3mm/1.270"	Exhaust	TU2/J2 Engine, O/S H/D + 1.0mm, MK7 Collets
REC 859	106 XiS, Rallye 1361cc, 8 Valve 1991-on	40.3mm/1.585"	Inlet	TU3F/J2K, TU2/J2 Engine, O/S H/D + 1.0mm, MK7
REC 860	106 XiS, Rallye 1361cc, 8 Valve 1991-on	32.3mm/1.270"	Exhaust	TU3F/J2K, TU2/J2 Engine, O/S H/D + 1.0mm, MK7
REC 859	106 XSI 1361cc, 8 Valve 1996-on	40.3mm/1.585"	Inlet	TU5JP, TU5J2 Engine, O/S H/D + 1.0mm, MK7
REC 860	106 XSI 1361cc, 8 Valve 1996-on	32.3mm/1.270"	Exhaust	TU5JP, TU5J2 Engine, O/S H/D + 1.0mm, MK7
REC 859	106 1587cc, 8 Valve 1994-on	40.3mm/1.585"	Inlet	TU5JP/J2 Engine, O/S H/D + 1.0mm, MK7 Collets
REC 860	106 1587cc, 8 Valve 1994-on	32.3mm/1.270"	Exhaust	TU5JP/J2 Engine, O/S H/D + 1.0mm, MK7 Collets



Peugeot - (Collets Available) - Continued

Part No.	Application	Head Diameter	Type	Comments
REC 833	106 1.6i, GTI 1587cc 16 Valve 5/96-2003	29.50mm/1.161"	Inlet	TU5J4 (NFX) Engine, O/S H/D + 0.76mm, LK6
REC 834 REC 834/1	106 1.6i, GTI 1587cc 16 Valve 5/96-2003	25.50mm/1.004"	Exhaust	TU5J4 (NFX) Engine, O/S H/D + 1.00mm, LK6 Stellite Seat, REC 834/1 - No Stellite Seat
REC 911	205 1580cc, 1905cc, 1984-on	42.50mm/1.673"	Inlet	XU5, XU7, XU9 Engine (8 Valve) O/S H/D + 1.0mm, KK8 Collets
REC 912	205 1580cc, 1905cc, 1984-on	35.50mm/1.397"	Exhaust	XU5, XU7, XU9 Engine (8 Valve) O/S H/D + 1.0mm, KK8 Collets
REC 859	206 1580cc, 8 Valve 06/1998-on	40.3mm/1.585"	Inlet	TU5JP/J2 Engine, O/S H/D + 1.0mm, MK7 Collets
REC 860	206 1580cc, 8 Valve 06/1998-on	32.3mm/1.270"	Exhaust	TU5JP/J2 Engine, O/S H/D + 1.0mm, MK7 Collets
REC 915	206 1600cc 16 Valve 9/2000-on	31.5mm/1.240"	Inlet	TU5JP4 (NFU) Engine, Std. H/D, LK6
REC 908		32.30mm/1.270"	Inlet	TU5JP4 (NFU) Engine, O/S H/D + 1.00mm, LK6
REC 834 REC 834/1	206 1600cc 16 Valve 9/2000-on	25.50mm/1.004"	Exhaust	TU5J4 (NFX) Engine, O/S H/D + 1.00mm, LK6 Stellite Seat, REC 834/1 - No Stellite Seat
REC 915	207 1600cc 16 Valve 02/2006-on	31.5mm/1.240"	Inlet	TU5JP4 (NFU) Engine, Std. H/D, LK6
REC 908	207 1600cc 16 Valve 02/2006-on	32.30mm/1.270"	Inlet	TU5JP4 (NFU) Engine, O/S H/D + 1.00mm, LK6
REC 834 REC 834/1	207 1600cc 16 Valve 02/2006-on	25.50mm/1.004"	Exhaust	TU5J4 (NFX) Engine, O/S H/D + 1.00mm, LK6 Stellite Seat, REC 834/1 - No Stellite Seat
REC 911	305 1580cc, 1905cc, 1983-on	42.50mm/1.673"	Inlet	XU5, XU7, XU9 Engine (8 Valve) O/S H/D + 1.0mm, , KK8 Collets
REC 912	305 1580cc, 1905cc, 1983-on	35.50mm/1.387"	Exhaust	XU5, XU7, XU9 Engine (8 Valve) O/S H/D + 1.0mm, KK8 Collets
REC 859	306 1587cc, 8 Valve 1993-on	40.3mm/1.585"	Inlet	TU5JP/J2 Engine, O/S H/D + 1.0mm, MK7 Collets
REC 860	306 1587cc, 8 Valve 1993-on	32.3mm/1.270"	Exhaust	TU5JP/J2 Engine, O/S H/D + 1.0mm, MK7 Collets
REC 911	306 1762cc, 1905cc, 1993-on	42.50mm/1.673"	Inlet	XU5, XU7, XU9 Engine (8 Valve) O/S H/D + 1.0mm, , KK8 Collets
REC 912	306 1762cc, 1905cc, 1993-on	35.50mm/1.387"	Exhaust	XU5, XU7, XU9 Engine (8 Valve) O/S H/D + 1.0mm, KK8 Collets
REC 795	306 2000cc, 1997-5/2001	34.60mm/1.362"	Inlet	XU10J4RS/JP4R Engine, (16 Valve) 6mm stem O/S H/D + 0.5mm, LK6 Collets, Single Groove
REC 909	406 2000cc, 1995-on 605 2000cc, 1995-on		34.6mm/1.362"	Inlet
REC 796	306 2000cc, 1997-5/2001	406 31.30mm/1.232"	Exhaust	XU10J4RSJP4R Engine, (16 Valve) 6mm stem O/S H/D + 0.5mm, LK6 Collets, Single Groove
REC 910	2000cc, 1995-on 605 2000cc, 1995-on		31.3mm/1.232"	Exhaust
REC 915	307 1600cc 16 Valve 8/2000-on	31.5mm/1.240"	Inlet	TU5JP4 (NFU) Engine, Std. H/D, LK6
REC 908		32.30mm/1.270"	Inlet	TU5JP4 (NFU) Engine, O/S H/D + 1.00mm, LK6
REC 834 REC 834/1	307 1600cc 16 Valve 8/2000-on	25.50mm/1.004"	Exhaust	TU5J4 (NFX) Engine, O/S H/D + 1.00mm, LK6 Stellite Seat, REC 834/1 - No Stellite Seat
REC 911	405 1762cc, 07/1992-on	42.5mm/1.673"	Inlet	XU7 Engine (8 Valve), O/S H/D + 1mm, KK8
REC 912	405 1762cc, 07/1992-on	35.5mm/1.397"	Exhaust	XU7 Engine (8 Valve), O/S H/D + 1mm, KK8
REC 911	406 SL, ST, SR 1762cc, 10/1995-on	42.5mm/1.673"	Inlet	XU7 Engine (8 Valve), O/S H/D + 1mm, KK8
REC 912	406 SL, ST, SR 1762cc, 10/1995-on	35.5mm/1.397"	Exhaust	XU7 Engine (8 Valve), O/S H/D + 1mm, KK8
REC 911	806 SR 1762cc, 1996-on	42.5mm/1.673"	Inlet	XU7 Engine (8 Valve), O/S H/D + 1mm, KK8
REC 912	806 SR 1762cc, 1996-on	35.5mm/1.397"	Exhaust	XU7 Engine (8 Valve), O/S H/D + 1mm, KK8



Part No.	Application	Head Diameter	Type	Comments
REC 601	Clio Williams 2.0 Litre 16v 1993-on	1.213"/30.8mm	Inlet	F7P Engine (Triple Groove, MK7)
REC 602	Clio Williams 2.0 Litre 16v 1993-on	1.132"/28.75mm	Exhaust	F7P Engine (Triple Groove, MK7)

Rover - (Retainers, Collets and Guides Available)

Part No.	Application	Head Diameter	Type	Comments
REC 315	V8 3500cc, SDI V8 3500cc 1967-1975	1.630"/41.4mm	Inlet	O/S H/D +3.3mm, Std. Stem, Std. Groove
REC 316	V8 3500cc, SDI V8 3500cc 1967-1975	1.400"/35.5mm	Exhaust	O/S H/D +2.2mm, Std. Stem, Std. Groove

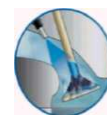
REC 460	V8 3500cc 1975-on	1.692"/43.0mm	Inlet	O/S H/D +3.1mm, Std. Stem, Std. Groove
REC 477		1.692"/43.0mm	Inlet	O/S H/D +3.1mm, 5/16" Stem, Triple Groove, MK8
REC 477/1		1.692"/43.0mm	Inlet	O/S H/D +3.1mm, 5/16" Stem 10823 (X026E0045Z) Lotus T/Cam Collets
REC 508		1.750"/44.4mm	Inlet	O/S H/D +4.5mm, 5/16" stem, Triple Groove, MK8
REC 456		1.844"/46.8mm	Inlet	O/S H/D +6.9mm, 5/16" stem, Triple Groove, MK8
REC 117	V8 3500cc 1975-on	1.350"/34.3mm	Exhaust	Std. H/D
REC 461		1.455"/37.0mm	Exhaust	O/S H/D +2.7mm, Std. Stem, Std. Groove
REC 478		1.455"/37.0mm	Exhaust	O/S H/D +2.7mm, 5/16" Stem, Triple Groove, MK8
REC 478/1		1.455"/37.0mm	Exhaust	O/S H/D +2.7mm, 5/16" Stem 10823 (X026E0045Z) Lotus T/Cam Collets
REC 509		1.470"/37.3mm	Exhaust	O/S H/D +3mm, 5/16" Stem, Triple Groove, MK8
REC 457		1.556"/39.5mm	Exhaust	O/S H/D +5.2mm, 5/16" Stem, Triple Groove, MK8

REC 676	K Series 1400cc, 14K4F Engine	27.7mm/1.092"	Inlet	Std. H/D, SK6 Collets
REC 677	K Series 1400cc, 14K4F Engine	24.15mm/0.951"	Exhaust	Std. H/D, SK6 Collets
REC 677/1		24.15mm/0.951"	Exhaust	Undercut, Std. H/D, SK6 Collets

REC 676	K Series 1600cc, 16K4F Engine	27.7mm/1.092"	Inlet	Std. H/D, SK6 Collets
REC 739		29.5mm/1.161"	Inlet	O/S H/D +1.8mm, SK6 Collets
REC 677	K Series 1600cc, 16K4F Engine	24.15mm/0.951"	Exhaust	Std. H/D, SK6 Collets
REC 677/1		24.15mm/0.951"	Exhaust	Undercut, Std. H/D, SK6 Collets
REC 740		26.0mm/1.023"	Exhaust	O/S H/D +1.85mm, SK6 Collets
REC 740/1		26.0mm/1.023"	Exhaust	Undercut, O/S H/D +1.85mm, SK6 Collets

REC 676	K Series 1800cc, 18K4F Engine	27.7mm/1.092"	Inlet	Std. H/D, SK6 Collets
REC 739		29.5mm/1.161"	Inlet	O/S H/D +1.8mm, SK6 Collets
REC 677	K Series 1800cc, 18K4F Engine	24.15mm/0.951"	Exhaust	Std. H/D, SK6 Collets
REC 677/1		24.15mm/0.951"	Exhaust	Undercut, Std. H/D, SK6 Collets
REC 740		26.0mm/1.023"	Exhaust	O/S H/D +1.85mm, SK6 Collets
REC 740/1		26.0mm/1.023"	Exhaust	Undercut, O/S H/D +1.85mm, SK6 Collets

REC 757	K Series 1800cc VVC/VHPD, 18K4K Eng.	31.5mm/1.240"	Inlet	Std. H/D, SK6 Collets
REC 767		32.5mm/1.280"	Inlet	O/S H/D +1mm, SK6 Collets
REC 768		33.5mm/1.319"	Inlet	O/S H/D +2mm, SK6 Collets
REC 846		34.5mm/1.358"	Inlet	O/S H/D +3mm, SK6 Collets
REC 758	K Series 1800cc VVC/VHPD, 18K4K Eng.	27.3mm/1.079"	Exhaust	Std. H/D, SK6 Collets
REC 758/1		27.3mm/1.079"	Exhaust	Undercut, Std. H/D, SK6 Collets
REC 783		28.5mm/1.122"	Exhaust	O/S H/D +1mm, SK6 Collets
REC 783/1		28.5mm/1.122"	Exhaust	Undercut, O/S H/D +1mm, SK6 Collets



Part No.	Application	Head Diameter	Type	Comments
REC 402	Favorit 1300cc (Group A)	1.339"/34.0mm	Inlet	Std. H/D
REC 404	Favorit 1300cc	1.496"/38.0mm	Inlet	O/S H/D
REC 403	Favorit 1300cc (Group A)	1.140"/29.0mm	Exhaust	Std. H/D
REC 405	Favorit 1300cc	1.259"/32.0mm	Exhaust	O/S H/D

Spiess

Part No.	Application	Head Diameter	Type	Comments
REC 694	VW Formula 3 1984-on	1.622"/41.2mm	Inlet	Single Groove
REC 695	VW Formula 3 1984-on	1.426"/36.2mm	Exhaust	Single Groove

REC 725	Formula 3000	1.299"/33.0mm	Inlet	16 Valve Engine, 6mm Stem
REC 726	Formula 3000	1.140"/29.0mm	Exhaust	16 Valve Engine, 6mm Stem

Suzuki

Part No.	Application	Head Diameter	Type	Comments
REC 749	Swift 1300 GTI	1.140"/29.0mm	Inlet	Non Standard Length

Toyota

Part No.	Application	Head Diameter	Type	Comments
REC 298	Corolla 1200cc 1969-1976	1.425"/36.2mm	Inlet	3K Engine
REC 299	Corolla 1200cc 1969-1976	1.150"/29.2mm	Exhaust	3K Engine

REC 298	Corolla 1300cc 1978-on	1.425"/36.2mm	Inlet	4K Engine
REC 299	Corolla 1300cc 1978-on	1.150"/29.2mm	Exhaust	4K Engine

REC 298	Carina, Corolla 1500cc 1983-on	1.425"/36.2mm	Inlet	5K Engine
REC 299	Carina, Corolla 1500cc 1983-on	1.150"/29.2mm	Exhaust	5K Engine

REC 386	Formula 3, 2 Litre	1.781"/45.2mm	Inlet	2TG DOHC (8 Valve) Engine, Length 107.70mm
REC 423		1.781"/45.2mm	Inlet	2TG DOHC (8 Valve) Engine, Length 108.70mm
REC 387	Formula 3, 2 Litre	1.515"/38.5mm	Exhaust	2TG DOHC (8 Valve) Engine, Length 106.75mm
REC 424		1.515"/38.5mm	Exhaust	2TG DOHC (8 Valve) Engine, Length 107.80mm



Part No.	Application	Head Diameter	Type	Comments
REC 331	TR2 1952-61, 1991cc	1.561"/39.7mm	Inlet	Std. H/D, 5/16" Stem, Std. Collets
REC 546		1.655"/42.0mm	Inlet	O/S H/D +2.5mm, 9/32" Stem, Kit, 88G459 Collets
REC 330	TR2 1952-61, 1991cc	1.306"/33.2mm	Exhaust	Std. H/D, (Stellite Seat), 5/16" Stem, U-Cut 1.640"
REC 535		1.305"/33.2mm	Exhaust	Std. H/D, 5/16" Stem, U-Cut 1.387", Std. Collets
REC 547		1.437"/36.5mm	Exhaust	O/S H/D +3.3mm, 9/32" Stem, Kit, 88G459 Collets
REC 331	TR3 1952-61, 1991cc	1.561"/39.7mm	Inlet	Std. H/D, 5/16" Stem, Std. Collets
REC 546		1.655"/42.0mm	Inlet	O/S H/D +2.5mm, 9/32" Stem, Kit, 88G459 Collets
REC 330	TR3 1952-61, 1991cc	1.306"/33.2mm	Exhaust	Std. H/D, 5/16" Stem, (Stellite Seat), U-Cut 1.640" CAN USE REC 535
REC 535		1.305"/33.2mm	Exhaust	Std. H/D, 5/16" Stem, U-Cut 1.387"
REC 547		1.437"/36.5mm	Exhaust	O/S H/D +3.3mm, 9/32" Stem, Kit, 88G459 Collets
REC 331	TR4 1961-65, TR4A 1964-1967 2138cc	1.561"/39.7mm	Inlet	Std. H/D, 5/16" Stem, Std. Collets
REC 546		1.655"/42.0mm	Inlet	O/S H/D +2.5mm, 9/32" Stem, Kit, 88G459 Collets
REC 330	TR4 1961-65, TR4A 1964-1967 2138cc	1.306"/33.2mm	Exhaust	Std. H/D, 5/16" Stem, (Stellite Seat), U-Cut 1.640" CAN USE REC 535
REC 535		1.305"/33.2mm	Exhaust	Std. H/D, 5/16" Stem, U-Cut 1.387", Std. Collets
REC 547		1.437"/36.5mm	Exhaust	O/S H/D +3.3mm, 9/32" Stem, Kit, 88G459 Collets
REC 548	TR6 1969-1976	1.535"/39.0mm	Inlet	O/S H/D +2.4mm, 9/32" Stem, Kit, 88G459 Collets
REC 549	TR6 1969-1976	1.299"/33.0mm	Exhaust	O/S H/D +1mm, 9/32" Stem, Kit, 88G459 Collets
REC 548	GT6 1968-1973	1.535"/39.0mm	Inlet	O/S H/D +2.4mm, 9/32" Stem, Kit, 88G459 Collets
REC 549	GT6 1968-1973	1.299"/33.0mm	Exhaust	O/S H/D +1mm, 9/32" Stem, Kit, 88G459 Collets
REC 548	2000 Mk2 1969-1977	1.535"/39.0mm	Inlet	O/S H/D +2.4mm, 9/32" Stem, Kit, 88G459 Collets
REC 549	2000 Mk2 1969-1977	1.299"/33.0mm	Exhaust	O/S H/D +1mm, 9/32" Stem, Kit, 88G459 Collets
REC 548	2500 S/TC 1968-1977	1.535"/39.0mm	Inlet	O/S H/D +2.4mm, 9/32" Stem, Kit, 88G459 Collets
REC 549	2500 S/TC 1968-1977	1.299"/33.0mm	Exhaust	O/S H/D +1mm, 9/32" Stem, Kit, 88G459 Collets
REC 548	Vitesse 2 Mk2 1969-on	1.535"/39.0mm	Inlet	O/S H/D +2.4mm, 9/32" Stem, Kit, 88G459 Collets
REC 549	Vitesse 2 Mk2 1969-on	1.299"/33.0mm	Exhaust	O/S H/D +1mm, 9/32" Stem, Kit, 88G459 Collets
REC 891	Dolomite Sprint, 2 Litre, 1973-on	1.400"/35.6mm	Inlet	O/S H/D +0.5mm, 4 valve engine
REC 893		1.420"/36.1mm	Inlet	O/S H/D +1.0mm, 4 valve engine
REC 892	Dolomite Sprint, 2 Litre, 1973-on	1.225"/31.1mm	Exhaust	O/S H/D +0.4mm, 4 valve engine



TVR

Part No.	Application	Head Diameter	Type	Comments
REC 460	350, 390, 400, 420, 450, Griffith Chimaera (Rover 3500cc V8) 1983-2001	1.692"/43.0mm	Inlet	Std. Inlet, Std. Stem, Std. Groove
REC 461	350, 390, 400, 420, 450, Griffith Chimaera (Rover 3500cc V8) 1983-2001	1.455"/37.0mm	Exhaust	Std. Inlet, Std. Stem, Std. Groove
REC 508	350, 390, 400, 420, 450, Griffith Chimaera (Rover 3500cc V8) 1983-2001	1.750"/44.4mm	Inlet	O/S H/D +1.5mm, 5/16" stem, Triple Groove MK8 Collets, REC 004 Springs, 10424 Retainer
REC 509	350, 390, 400, 420, 450, Griffith Chimaera (Rover 3500cc V8) 1983-2001	1.470"/37.3mm	Exhaust	O/S H/D +1.5mm, 5/16" stem, Triple Groove MK8 Collets, REC 004 Springs, 10424 Retainer

Vauxhall - (Retainers, Collets and Guides Available) (PTO)

Part No.	Application	Head Diameter	Type	Comments
REC 300	Chevette 1256cc Brabham	1.437"/36.5mm	Inlet	
REC 301	Chevette 1256cc Brabham	1.220"/31.0mm	Exhaust	
REC 317	Chevette H.S.S 4 Valve Twin Cam	1.420"/36.0mm	Inlet	Std. Stem
REC 462		1.477"/37.5mm	Inlet	9/32" Stem
REC 318	Chevette H.S.S 4 Valve Twin Cam	1.200"/30.5mm	Exhaust	Std. Stem
REC 463		1.260"/32.0mm	Exhaust	9/32" Stem

REC 283	Droop Snoot 2.3 Litre OHC	1.850"/47.0mm	Inlet	
REC 284	Droop Snoot 2.3 Litre OHC	1.600"/40.6mm	Exhaust	

Astra / Nova / Corsa 1300cc (13N, 13NB, 13S & C13N Engine)

REC 302	Mk1 & Mk2 1979-1991, Group A	33.0mm/1.298"	Inlet	7.01mm Stem, Single Groove, KK7 Collets
REC 304		35.0mm/1.378"	Inlet	O/S H/D, 7.01mm Stem, Single Groove, KK7 Collets
REC 303	Mk1 & Mk2 1979-1991, Group A	29.0mm/1.141"	Exhaust	6.99mm Stem, Single Groove, KK7 Collets
REC 305		31.1mm/1.224"	Exhaust	O/S H/D, 6.99mm Stem, Single Groove, KK7 Collets

Astra / Nova / Corsa 1400cc (2 Valve, C1.4SE Engine)

REC 553	Mk3 & Mk4 1991-2001 (8 Valve)	39.0mm/1.535"	Inlet	KK7 Collets, O/S H/D +1.00mm
REC 648	Mk3 & Mk4 1991-2001 (8 Valve)	32.0mm/1.259"	Exhaust	KK7 Collets, O/S H/D +1.00mm

Astra / Nova / Corsa 1400cc / 1600cc (4 Valve, X14XE/X16XE/X16XEL Engine)

REC 661	Mk3 & Mk4 1996-2001 (16 Valve)	31.0mm/1.219"	Inlet	Std. H/D, Group A (16 Valve)
REC 663		32.0mm/1.260"	Inlet	O/S H/D +1mm, Undercut (16 Valve)
REC 662	Mk3 & Mk4 1996-2001 (16 Valve)	27.4mm/1.080"	Exhaust	Std. H/D, Group A (16 Valve)
REC 664		28.4mm/1.120"	Exhaust	O/S H/D +1mm (16 Valve)

Astra 1600cc GTE / Nova / Belmont / Cavalier (2 Valve, 16SV, C1.6NZ, C1.6SE Engine)

REC 439	Mk1,2 & 3 1984-95, Group A (8 Valve)	38.0mm/1.498"	Inlet	7.01mm Stem, Single Groove, KK7 Collets
REC 444		39.0mm/1.535"	Inlet	O/S H/D, 7.01mm Stem, Single Groove, KK7 Collets
REC 440	Mk1,2 & 3 1984-95, Group A (8 Valve)	30.8mm/1.215"	Exhaust	7.00mm Stem, Single Groove, KK7 Collets
REC 445		31.8mm/1.254"	Exhaust	O/S H/D, 7.00mm Stem, Single Groove, KK7 Collets

Astra 1800cc, Cavalier 1800cc (2 Valve, 18E, C18E, C18NE & C18NT Engine)

REC 343	Mk1 & Mk2, Group A (8 Valve)	41.0mm/1.614"	Inlet	8.00mm Stem, Single Groove, KK8 Collets
REC 384		42.0mm/1.654"	Inlet	O/S H/D, 8.00mm Stem, Single Groove, KK8 Collets
REC 464	Mk1 & Mk2, Group A (8 Valve)	44.5mm/1.750"	Inlet	O/S H/D, 8.00mm Stem, Single Groove, KK8 Collets
REC 344		35.0mm/1.378"	Exhaust	O/S H/D, 8.00mm Stem, Single Groove, KK8 Collets
REC 385		36.0mm/1.418"	Exhaust	8.00mm Stem, Single Groove, KK8 Collets



Vauxhall - (Retainers, Collets and Guides Available) - Continued

Part No.	Application	Head Diameter	Type	Comments
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Cavalier 2000cc / Carlton 2000cc (2 Valve, 20N & 20S Engine), *for oversize see Opel*

REC 288	Cavalier Mk1 1979-81 / Carlton 1982-86	42.0mm/1.653"	Inlet	9mm Stem, Single Groove, KK9 Collets
REC 289	Cavalier Mk1 1979-81 / Carlton 1982-86	37.0mm/1.456"	Exhaust	9mm Stem, Single Groove, KK9 Collets

Astra 2000cc GTE / Cavalier (2 Valve, 20NE, 20SEH, 20SER, C20NE, 20SE & C20SE Engine)

REC 441	Mk2 & Mk3 1986-92 (8 Valve)	43.0mm/1.692"	Inlet	O/S H/D +1.2mm, Single Groove, KK7 Collets
REC 688	Mk2 & Mk3 1986-92 (8 Valve)	37.0mm/1.456"	Exhaust	O/S H/D +0.5mm, Single Groove, KK7 Collets

Astra / Cavalier 2000 Litre (4 Valve, 20XE, C20XE, C20LE & C20LET Engine) - 'Red Top' Engine

REC 458	Mk3 1989-95, Group A (16 Valve)	33.0mm/1.300"	Inlet	Std. Stem, MK7 Collets
REC 777		33.0mm/1.300"	Inlet	6mm Stem, Kit, SK6 Collets
REC 442		34.0mm/1.340"	Inlet	O/S H/D +1mm, Std. Stem, MK7 Collets
REC 779		34.0mm/1.340"	Inlet	6mm Stem, Kit, SK6 Collets
REC 589		35.0mm/1.377"	Inlet	O/S H/D +2mm, Std. Stem, MK7 Collets
REC 781		35.0mm/1.377"	Inlet	6mm Stem, Kit, SK6 Collets
REC 798		36.0mm/1.417"	Inlet	6mm Stem, Kit, SK6 Collets
REC 459		Mk3 1989-95, Group A (16 Valve)	29.0mm/1.142"	Exhaust
REC 459S	(Std.) Turbo	29.0mm/1.142"	Exhaust	Turbo, Stellite Seat, Std. Stem, MK7 Collets
REC 778	Mk3 1989-95, Group A (16 Valve)	29.0mm/1.142"	Exhaust	6mm Stem, Kit, SK6 Collets
REC 443		30.0mm/1.180"	Exhaust	O/S H/D +1mm, Std. Stem, MK7 Collets
REC 443S	(Std.) Turbo	30.0mm/1.180"	Exhaust	Turbo, O/S H/D +1mm, Stellite Seat, Std. Stem
REC 443N	(High Power) Turbo	30.0mm/1.180"	Exhaust	Turbo, O/S H/D +1mm, Nimonic 80A, Std. Stem
REC 780	Mk3 1989-95, Group A (16 Valve)	30.0mm/1.180"	Exhaust	6mm Stem, Kit, SK6 Collets
REC 590		31.0mm/1.219"	Exhaust	O/S H/D +2mm, Std. Stem, MK7 Collets
REC 590S		31.0mm/1.219"	Exhaust	O/S H/D +2mm, Turbo, Stellite Seat, Std. Stem
REC 782		31.0mm/1.219"	Exhaust	6mm Stem, Kit, SK6 Collets

Senator 3000cc CDi (2 Valve, C30NE Engine), *for oversize see Opel*

REC 359	Senator 3L Cdi (2 valve) 1987-on	46.0mm/1.811"	Inlet	O/S H/D, 9mm Stem, Single Groove, KK9 Collets
REC 291	Senator 3L Cdi (2 valve) 1987-on	41.0mm/1.614	Exhaust	O/S H/D, 9mm Stem, Single Groove, KK9 Collets

Astra 16V/Vectra 24V/Omega 24V/Calibra 24V/Cavalier/Frontera/Signum V6/VX220

(C1.8XE, X20XER, X20XEV, C25XE, X25XE, Z20LEH, Z20LEL, Z20LER, Z20LET, X22SE, X22XE, Y22SE, Y22XE, Z22XE, X30XE, Y32SE & Z32SE Engine)

REC 815	EcoTec Engine	33.0mm/1.299"	Inlet	O/S H/D +1mm
REC 816	EcoTec Engine	30.2mm/1.189"	Exhaust	O/S H/D +1mm
REC 816SS	EcoTec (Std.) Turbo Engine	30.2mm/1.189"	Exhaust	Turbo, O/S H/D +1mm, Stellite Seat, Std. Stem
REC 816N	EcoTec (High Power) Turbo Engine	30.2mm/1.189"	Exhaust	Turbo, O/S H/D +1mm, Nimonic 80A

Touring Car

REC 826	2000 Litre 16 Valve (Swindon Engine)	35.0mm/1.378"	Inlet	5mm Stems, LK5 Collets
REC 827	2000 Litre 16 Valve (Swindon Engine)	30.0mm/1.181"	Exhaust	5mm Stems, LK5 Collets



VW

Part No.	Application	Head Diameter	Type	Comments
REC 310	Judd F3, 2 Litre	40.2mm/1.583"	Inlet	8 Valve Engine, Std. Ford Cross-Flow Triple Collets
REC 311	Judd F3, 2 Litre	35.0mm/1.375"	Exhaust	8 Valve Engine, Std. Ford Cross-Flow Triple Collets
REC 517	Beetle, Karmann Ghia 1300L, 1302, 1303L 1972-On	42.0mm/1.652"	Inlet	O/S H/D +6.5mm, Seat to groove -0.5mm, Mk8 (1285cc, AD Engine)
REC 517	Variant 1500A, N & S 1963-1975	42.0mm/1.652"	Inlet	O/S H/D +6.5mm, Seat to groove -0.5mm, Mk8 (1493cc, AD Engine)
REC 517	Variant 1600A, L, N, TL, Transporter 1963-1975	42.0mm/1.652"	Inlet	O/S H/D +6.5mm, Seat to groove -0.5mm, Mk8 (1493cc, AD Engine)
REC 517	Variant 1600A, L, N, TL, Transporter 1963-1975	42.0mm/1.652"	Inlet	O/S H/D +6.5mm, Seat to groove -0.5mm, Mk8 (1493cc, AD Engine)
REC 517	Transporter, Kombi Bus 1974-on	42.0mm/1.652"	Inlet	O/S H/D +6.5mm, Seat to groove -0.5mm, Mk8 (15845cc, AD Engine)
REC 500	Golf Mk1 GTI, Jetta, Scirocco 1975-1982	40.0mm/1.575"	Inlet	Single Groove, O/S H/D +2mm, Length -1mm (1588cc EG Engine), RK8 Collets
REC 501	Golf Mk1 GTI, Jetta, Scirocco 1975-1982	35.0mm/1.378"	Exhaust	Single Groove, O/S H/D +3.8mm, Length -1mm (1588cc, EG Engine), RK8 Collets
REC 711	Golf Mk2 GTI 1983 - 1985 (8 Valve)	42.0mm/1.654"	Inlet	(1781cc DX Engine), O/S H/D +2mm, MK8 Collets
REC 712	Golf Mk2 GTI 1983 - 1985 (8 Valve)	35.0mm/1.382"	Exhaust	(1781cc DX Engine), O/S H/D +2mm, MK8 Collets
REC 775	Golf Mk2 GTI 1986 - 1991 (8 Valve)	40.0mm/1.575"	Inlet	(1781cc, DX Engine), Hydraulic, Std. H/D, MK8
REC 805		42.0mm/1.653"	Inlet	(DX Engine), Hydraulic, O/S H/D +2mm, MK8
REC 776		33.1mm/1.304"	Exhaust	(1781cc, DX Engine), Hydraulic, Std. H/D, MK8
REC 806		35.0mm/1.377"	Exhaust	(DX Engine), Hydraulic, O/S H/D +2mm, MK8
REC 502	Golf MK2 GTI, Jetta, Passat, Scirocco (16 Valve) 1985-on	32.0mm/1.260"	Inlet	(1781cc PL, KR Engine), Single Groove Hydraulic Tappets , RK7 Collets
REC 503	Golf MK2 GTI, Jetta, Passat, Scirocco (16 Valve) 1985-on	28.0mm/1.104"	Exhaust	(1781cc PL, KR Engine), Single Groove Hydraulic Tappets , RK7 Collets
REC 536	Golf MK2 GTI, Jetta, Passat, Scirocco (16 Valve) 1985-on	32.0mm/1.260"	Inlet	(1781cc PL, KR Engine), Single Groove Solid Tappet , RK7 Collets
REC 537	Golf MK2 GTI, Jetta, Passat, Scirocco (16 Valve) 1985-on	28.0mm/1.102"	Exhaust	(1781cc PL, KR Engine), Single Groove Solid Tappet , RK7 Collets

Volvo

Part No.	Application	Head Diameter	Type	Comments
REC 538		1.811"/46.0mm	Inlet	
REC 540		1.890"/48.0mm	Inlet	
REC 539		1.929"/49.0mm	Inlet	
REC 541		1.574"/40.0mm	Exhaust	
REC 673		1.614"/41.0mm	Exhaust	
REC 412		1.890"/48.0mm	Inlet	Single Groove 10823 (X026E0045Z) Lotus T/Cam Collets
REC 413		1.968"/50.0mm	Inlet	Single Groove 10823 (X026E0045Z) Lotus T/Cam Collets
REC 414		1.574"/40.0mm	Exhaust	Single Groove 10823 (X026E0045Z) Lotus T/Cam Collets
REC 492	West Coast	1.811"/46.0mm	Inlet	
REC 493	West Coast	1.496"/38.0mm	Exhaust	
REC 521	WCE	1.850"/47.0mm	Inlet	
REC 519		1.890"/48.0mm	Inlet	
REC 520	WCE	1.574"/40.0mm	Exhaust	
REC 522		1.614"/41.0mm	Exhaust	



Volvo - Continued

Part No.	Application	Head Diameter	Type	Comments
REC 466		1.890"/48.0mm	Inlet	
REC 465		1.968"/50.0mm	Inlet	
REC 467		1.614"/41.0mm	Exhaust	
REC 308	B20	1.811"/46.0mm	Inlet	Triple Groove (MK8 Collets)
REC 309	B20	1.496"/38.0mm	Exhaust	Triple Groove (MK8 Collets)
REC 665	B23	1.898"/48.2mm	Inlet	Triple Groove (MK8 Collets)
REC 666	B23	1.572"/40.0mm	Exhaust	Triple Groove (MK8 Collets)

Please note this is only a small percentage of our stock valves that we currently hold at Race Engine Components Ltd. Part numbers listed with REC, we have drawings and have made, but do not stock. Valves O/E Titanium are replacements made from 1.4882 Austenitic Stainless Steel. For any other valves not listed, please do not hesitate to call:

Race Engine Components:

Phone: +44 (0) 1902 373770, Fax: +44 (0) 1902 373772 or Email: recvalves@gmail.com

or

G&S Valves Ltd.:

Phone +44 (0) 1483 415444, Fax +44 (0) 1483 426891 or Email: GSValves@aol.com



Part No.	Application	Head Diameter	Type	Comments	Weight
REC 489		34.0mm	Exhaust		
REC 377	250cc	31.0mm	Exhaust		

REC 374	350cc	39.0mm	Inlet		
REC 375	350cc	33.0mm	Exhaust		

Ducati (PTO)

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 360	Ducati 125cc	32.0mm	Inlet		
REC 361	Ducati 125cc	27.6mm	Exhaust		

REC 362	Ducati 200cc	36.8mm	Inlet		
REC 363	Ducati 200cc	32.5mm	Exhaust		

REC 338	Ducati 250cc / 350cc	40.9mm	Inlet		
REC 339	Ducati 250cc / 350cc	34.9mm	Exhaust		

REC 702/1	Ducati	38.0mm	Inlet	Flat Back	62.1
REC 703/1	Ducati	32.0mm	Exhaust	Flat Back	56.3

REC 595/1	Ducati Super Mono (Single) 1993-1995	36.0mm Std. H/D	Inlet	Flat Back, (4 Valve Engine)	58.4
REC 593/1		37.0mm	Inlet	Flat Back, (4 Valve Engine)	60.1
REC 594/1	Ducati Super Mono (Single) 1993-1995	31.0mm Std. H/D	Exhaust	Flat Back, (4 Valve Engine)	54.3

REC 714	Ducati 748BP (V-Twin) 1994 - 1999	32.0mm	Inlet	Flat Back, (4 Valve Engine)	
REC 729		33.0mm Std. H/D	Inlet	Flat Back, (4 Valve Engine)	
REC 715	Ducati 748BP (V-Twin) 1994 - 1999	29.0mm Std. H/D	Exhaust	Flat Back, (4 Valve Engine)	

REC 608/1	Ducati 748RS, 888 (V-Twin) 1991 - 1994	34.0mm Std. H/D	Inlet	Flat Back, (4 Valve Engine)	55.1
REC 606/1		36.0mm	Inlet	Flat Back, (4 Valve Engine)	58.6
REC 737		39.0mm	Inlet	Flat Back, (4 Valve Engine)	64.1
REC 609/1	Ducati 748RS, 888 (V-Twin) 1991 - 1994	30.0mm Std. H/D	Exhaust	Flat Back, (4 Valve Engine)	54.0
REC 607/1		31.0mm	Exhaust	Flat Back, (4 Valve Engine)	54.3
REC 738		32.0mm	Exhaust	Flat Back, (4 Valve Engine)	58.1

REC 738	Ducati 851 (V-Twin) 1987 - 1992	32.0mm	Inlet	Flat Back, (4 Valve Engine)	58.1
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REC 593/1	Ducati 916 (V-Twin) 1994 - 1998	37.0mm Std. H/D	Inlet	Flat Back, (4 Valve Engine)	60.1
REC 594/1	Ducati 916 (V-Twin) 1994 - 1998	31.0mm Std. H/D	Exhaust	Flat Back, (4 Valve Engine)	54.3

REC 873	Ducati	40.0mm Std. H/D	Inlet	Flat Back	63.7
REC 874	Ducati	33.0mm Std. H/D	Exhaust	Flat Back	54.3

REC	Ducati 996	39.0mm	Inlet	O/E Titanium 39.7g	
REC	Ducati 996	32.0mm	Exhaust		

REC 873	Ducati 996R 2001 - On	40.0mm Std. H/D	Inlet	Flat Back	
REC 874	Ducati 996R 2001 - On	33.0mm Std. H/D	Exhaust	Flat Back	



Ducati - Continued

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 873	Ducati 998, 998R, 998S, 998 Testastretta	40.0mm Std. H/D	Inlet	Flat Back	
REC 874	Ducati 998, 998R, 998S, 998 Testastretta	33.0mm Std. H/D	Exhaust	Flat Back	
REC 873	Ducati 999, 999S 2003 - On	40.0mm Std. H/D	Inlet	Flat Back	
REC 874	Ducati 999, 999S 2003 - On	33.0mm Std. H/D	Exhaust	Flat Back	
REC 873	Ducati Monster S4RS	40.0mm Std. H/D	Inlet	Flat Back	
REC 874	Ducati Monster S4RS	33.0mm Std. H/D	Exhaust	Flat Back	
REC	Ducati RS02 998cc	42.0mm	Inlet	O/E Titanium 39.8g	
REC	Ducati RS02 998cc	34.0mm	Exhaust	O/E Titanium 31.9g	
REC	Ducati F02-F04 999cc	43.5mm	Inlet	O/E Titanium 41.1g	
REC	Ducati F02-F04 999cc	35.5mm	Exhaust	O/E Titanium 33.6g	

Goddon

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 327		35.0mm	Inlet		
REC 328		28.6mm	Exhaust		
REC 421	Speedway (GM Engine)	33.3mm	Inlet		
REC 422	Speedway (GM Engine)	28.8mm	Exhaust		

Honda (Retainers Available) (PTO)

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 733	Honda XRV750 "Africa" (Twin) 1990-03	27.0mm	Inlet	O/S. H/D +1mm	
REC 406/1	Honda CB72, 250cc	31.8mm	Inlet	Std. H/D, Dish	43.3
REC 407/1	Honda CB72, 250cc	26.4mm	Exhaust	Std. H/D, Dish	37.8
REC 406	Honda CB77, 305cc	33.2mm	Inlet	Dished	44.7
REC 407	Honda CB77, 305cc	28.0mm	Exhaust	Dished	39.6
REC 340	Honda CB350 K0 to K4 350cc 1968 - 73	35.0mm	Inlet	Dished, Round Groove, O/S H/D +1mm	48.8
REC 689		35.0mm	Inlet	5.5mm Stem's, O/S H/D +1mm	
REC 579		36.0mm	Inlet	Dished, Round Groove, O/S H/D +2mm	
REC 341	Honda CB350 K0 to K4 350cc 1968 - 73	28.0mm	Exhaust	Dished, Round Groove, Std. H/D	42.4
REC 690		28.0mm	Exhaust	5.5mm Stem's, Std. H/D	
REC 580		29.0mm	Exhaust	Dished, Round Groove, O/S H/D +1mm	
38551	Honda CB450, (Torsion Bar Springs)	38.0mm	Inlet	1.50mm Seat, Dished, Square Groove	61.0
38552	Honda CB450, (Torsion Bar Springs)	33.0mm	Exhaust	2.15mm Seat, Dished, Square Groove	54.5
REC 952	Honda CB500 (4 Cyl) 1972	28.5mm O/S H/D	Inlet	Dished, 1.5mm Seat	32.4
REC 953	Honda CB500 (4 Cyl.) 1972	24.0mm O/S H/D	Exhaust	Dished, 1.75mm Seat	28.7
REC 954	Honda CB750 1980-83 Honda CB1000 1980-82 (4 Cyl.) Honda CB1100 1983-on	28.5mm O/S H/D	Inlet	Dished, 1.5mm Seat, O/S H/D +1mm	32.4
REC 955	Honda CB750 1980-83 Honda CB1000 1980-82 (4 Cyl.) Honda CB1100 1983-on	24.0mm O/S H/D	Exhaust	Dished, 1.75mm Seat, O/S H/D +1mm	28.7



Honda (Retainers Available) (PTO) - Continued

Part No.	Application	Head Diameter	Type	Comments	Weight
REC	Honda CB1100R	26.0mm	Inlet		
REC 735/1	Honda CBR600F3 1995 - 1998	25.5mm Std. H/D	Inlet	Dished, Std. Head Shape Std. Length	18.4
REC 735		25.5mm Std. H/D	Inlet	Dished, Std. Length	18.2
REC 603		25.5mm Std. H/D	Inlet	Flat Back, Std. Length	19.0
REC 603/1		25.5mm Std. H/D	Inlet	Flat back, Seat to Groove +0.381mm Length +0.381mm, 1.8mm Seat	19.2
REC 603/2		25.5mm Std. H/D	Inlet	Flat Back, Seat to Groove +0.381mm Length +0.381mm, 1.0mm Seat, Flat Back	18.5
REC 736/1	Honda CBR600F3 1995 - 1998	22.0mm Std. H/D	Exhaust	Dished, Std. Head Shape, Std. Length	16.0
REC 736		22.0mm Std. H/D	Exhaust	Dished, Std. Length	15.7
REC 604		22.0mm Std. H/D	Exhaust	Flat Back, Std. Length	16.0
REC 604/1		22.0mm Std. H/D	Exhaust	Seat to Groove + 0.381mm Length +0.381mm, Flat Back	16.4
REC 759	Honda CBR600F4/FX/FY 1998 - 2000	26.5mm Std. H/D	Inlet	1mm Seat, Std. Length, Dish, Std. Collets	20.0
REC 759/1		26.5mm Std. H/D	Inlet	1mm Seat, Std. Length, Dished, Kit, SK4	20.0
REC 760	Honda CBR600F4/FX/FY 1998 - 2000	23.0mm Std. H/D	Exhaust	1.5mm Seat, Dish, Std. Collets	16.3
REC 760/1		23.0mm Std. H/D	Exhaust	1.5mm Seat, Dished, Kit, SK4 Collets	16.3
REC 813	Honda CBR600RR3, RR5 2003 - 2006	27.4mm Std. H/D	Inlet	1.25mm Seat, Flat Back, Blue Spring	22.3
REC 814	Honda CBR600RR3, RR5 2003 - 2006	23.0mm Std. H/D	Exhaust	2.0mm Seat, Flat Back, Orange Spring	18.0
REC 813	Honda CBR600RR7, RR12 2007 - 2012	27.4mm Std. H/D	Inlet	Flat Back	22.3
REC 814	Honda CBR600RR7, RR12 2007 - 2012	23.0mm	Exhaust	O/S H/D +0.5mm, Flat Back	18.0
REC 682	Honda CBR900RR Fireblade 1992 - 1997	27.5mm Std. H/D	Inlet	Flat Back, Carburetor Engine	24.4
REC 680		28.5mm	Inlet	Flat Back, Carburetor Engine	25.7
REC 683	Honda CBR900RR Fireblade 1992 - 1997	23.0mm Std. H/D	Exhaust	Flat Back, Carburetor Engine	20.6
REC 681		24.0mm	Exhaust	Flat Back, Carburetor Engine	21.6
REC 853	Honda CBR1000RR Fireblade 2004 - On	29.0mm Std. H/D	Inlet	Seat 1.0mm, Flat back	26.4
REC 854	Honda CBR1000RR Fireblade 2004 - On	24.0mm Std. H/D	Exhaust	Seat 1.5mm, Flat Back	20.0
REC 769	Honda CBR1100XX Blackbird 1997 - 99	32.0mm Std. H/D	Inlet	Pre-Injection, Flat Back Seat to Groove -0.254mm, Std. Length	32.1
REC 771		33.0mm	Inlet	Pre-Injection, Flat Back Seat to Groove -0.254mm, Std. Length	33.7
REC 770	Honda CBR1100XX Blackbird 1997 - 99	27.0mm Std. H/D	Exhaust	Pre-Injection, Flat Back Seat to Groove -0.254mm, Std. Length	27.3
REC 772		28.0mm	Exhaust	Pre-Injection, Flat Back Seat to Groove -0.254mm, Std. Length	28.4
REC	Honda CBX1000 (6 Cyl.)	22.0mm Std. H/D	Exhaust		



Honda (Retainers Available) (PTO) - Continued

Part No.	Application	Head Diameter	Type	Comments	Weight
REC	Honda CRF150F 2005 - On	26.0mm Std. H/D	Inlet		
REC	Honda CRF150F 2005 - On	22.5mm Std. H/D	Exhaust		
REC 866	Honda CRF250R (4 Valve)	31.0mm Std. H/D	Inlet	O/E Titanium 18.2g	26.3
REC 867		26.0mm Std. H/D	Exhaust	O/E Steel	25.3
REC	Honda GL1000	32mm	Exhaust		
REC	Honda RC173	21.5mm	Inlet		
REC 717	Honda VFR400R NC30 400cc 1989 - 92	22.5mm	Inlet	Flat Back	17.4
REC 718	Honda VFR400R NC30 400cc 1989 - 92	19.2mm	Exhaust	Flat Back	15.5
REC 717	Honda RVF400R NC35 400cc 1994 - 96	22.5mm	Inlet	Flat Back	17.4
REC 718	Honda RVF400R NC35 400cc 1994 - 96	19.2mm	Exhaust	Flat Back	15.5
REC 635	Honda VFR750R RC30 750cc 1987 - 90	28.0mm Std. H/D	Inlet	Dished	24.3
REC 418		28.5mm	Inlet	Dished	
REC 419		29.0mm	Inlet	Dished	27.4
REC 419SS		29.0mm	Inlet	Stellite Seat, Dished	27.4
REC 636	Honda VFR750R RC30 750cc 1987 - 90	24.5mm Std. H/D	Exhaust	Dished	21.9
REC 420		25.5mm	Exhaust	Dished	23.3
REC 629	Honda RFV750R RC45 750cc 1994 - 95	29.0mm Std. H/D	Inlet	Std. Length, Flat Underhead & Backs	26.9
REC 633		29.0mm Std. H/D	Inlet	Seat to Groove -0.3mm, Length -0.3mm Flat Underhead & Backs	26.9
REC 633SS		29.0mm Std. H/D	Inlet	Stellite Seat, Seat to Groove -0.3mm, Length -0.3mm, Flat Underhead & Backs,	26.9
REC 630		24.5mm Std. H/D	Exhaust	Std. Length, Flat Underhead & Backs	23.0
REC 634		24.5mm Std. H/D	Exhaust	Seat to Groove -0.3mm, Length- 0.3mm Flat Underhead & Backs	23.0
REC 336	Honda XL500 500cc 1979 - 1982	35.5mm	Inlet	Dished	56.3
REC 337	Honda XL500 500cc 1979 - 1982	31.0mm	Exhaust	Dished	45.0
REC 378	Honda XL600 589cc 1983 - 1987	35.7mm	Inlet	Radial Head, Dished	49.1
REC 379	Honda XL600 589cc 1983 - 1987	31.0mm	Exhaust	Radial Head, Dished	50.9
REC	Honda XRV750 V-Twin	27.25mm Std. H/D	Inlet	(x2)	
REC	Honda XRV750 V-Twin	33.5mm Std. H/D	Exhaust	(x1)	
REC 954	Honda VF750 1983-85	28.5mm O/S H/D	Inlet	Dished, 1.5mm Seat, O/S H/D +1mm	32.4
REC 955	Honda VF750 1983-85	24.0mm O/S H/D	Exhaust	Dished, 1.75mm Seat, O/S H/D +1mm	28.7
52215	Honda VTR1000F Firestorm 1997 - 2005	38mm Std. H/D	Inlet	Flat Back	60.6
52159		39mm	Inlet	O/S. H/D +1mm, Flat Back	62.8
52228	Honda VTR1000F Firestorm 1997 - 2005	34mm Std. H/D	Exhaust	Flat Back	53.8
52160		35mm	Exhaust	O/S H/D +1mm, Flat Back	56.5



Husaberg / VOR & Vertemati

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 671	FE350cc / FE400cc 1995	31.0mm	Inlet		
REC 672	FE350cc / FE400cc 1995	27.0mm	Exhaust		
REC 506	FE550cc / FE600cc 1990-1999	35.0mm	Inlet		
REC 507	FE550cc / FE600cc 1990-1999	30.0mm	Exhaust		

Husqvarna (Retainers Available)

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 844	Husqvarna TE 250cc, 2003 - 2005	29.0mm Std. H/D	Inlet	O/E Titanium 17.4g, 4.5mm Stem	25.3
REC 845	Husqvarna TE 250cc, 2003 - 2005	24.0mm Std. H/D	Exhaust	O/E Titanium 13.0g, 4.5mm Stem	21.0
REC 515	Husqvarna TE 350cc 1992-On	32.5mm	Inlet	Dished	44.1
REC 516	Husqvarna TE 350cc 1992-On	27.0mm	Exhaust	Dished	36.3
REC 515	Husqvarna TE 410cc 1994-2001	32.5mm	Inlet	Dished	44.1
REC 516	Husqvarna TE 410cc 1994-2001	27.0mm	Exhaust	Dished	36.3
REC 847	Husqvarna TE 450cc, 2004 - 2006	33.0mm Std. H/D	inlet	O/E Titanium 22.5g	32.3
REC 848	Husqvarna TE 450cc, 2004 - 2006	28.6mm Std. H/D	exhaust	O/E Titanium 16.5g	25.5
REC 894	Husqvarna TE 450cc 2006 - On	37.0mm	Inlet	Flat Back	42.3
REC 895	Husqvarna TE 450cc 2006 - On	31.0mm	Exhaust	Flat Back	32.5
REC 452	Husqvarna 510cc 1983 - 1990	34.7mm	Inlet	Dished	48.7
REC 453	Husqvarna 510cc 1983 - 1990	30.0mm	Exhaust	Dished	38.2
REC 894	Husqvarna 510cc 2006 - On	37.0mm	Inlet	Flat Back	42.3
REC 895	Husqvarna 510cc 2006 - On	31.0mm	Exhaust	Flat Back	32.5
REC 452	Husqvarna 610cc 1991 - 1994	34.7mm	Inlet	Dished	48.7
REC 453	Husqvarna 610cc 1991 - 1994	30.0mm	Exhaust	Dished	38.2
REC 544	Husqvarna 610cc	36.0mm	Inlet	Dished	51.4
REC 545	Husqvarna 610cc	32.5mm	Exhaust	Dished	43.0

Jawa

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 321		34.0mm	Inlet		
REC 322		29.0mm	Exhaust		

Kawasaki (Retainers Available) (PTO)

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 939	Kawasaki ER6 Ninja, 650cc 2006-2017	34.4mm	Inlet	O/S H/D +1.0mm, Flat Backs	
REC 940	Kawasaki ER6 Ninja, 650cc 2006-2017	28.8mm	Exhaust	O/S H/D +0.5mm, Flat Backs	
REC 638	Kawasaki KLV250	29.0mm	Inlet	Flat Back	20.6
REC 896	Kawasaki KX250F	31.0mm Std. H/D	Inlet	O/E Titanium 16.0g	24.8
REC 897	Kawasaki KX250F	24.9mm Std. H/D	Exhaust	O/E Titanium 12.6g	18.8
REC	Kawasaki KZ1300	31.0mm			
REC	Kawasaki GPZ550	28.0mm	Inlet		
REC 449	Kawasaki GPZ600R (Ninja) 1985-1989	22.5mm	Inlet	Flat Back	20.9
REC 450	Kawasaki GPZ600R (Ninja) 1985-1989	20.0mm	Exhaust	Flat Back	18.3
REC	Kawasaki GPZ900R	29.0mm	Inlet		



Kawasaki (Retainers Available) (PTO) - Continued

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 481	Kawasaki Z900 1976 - on	36.0mm Std. H/D	Inlet	Dished, Square Groove	52.2
REC 482		37.0mm	Inlet	Dished, Square Groove	55.5
REC 483	Kawasaki Z900 1976 - on	30.0mm Std. H/D	Exhaust	Dished, Square Groove	49.4
REC 484		31.0mm	Exhaust	Dished, Square Groove	47.8
REC 481	Kawasaki Z1000, Z1, Z1A, Z1B 1972-on	36.0mm Std. H/D	Inlet	Dished, Square Groove	52.2
REC 482		37.0mm	Inlet	Dished, Square Groove	55.5
REC 483	Kawasaki Z1000, Z1, Z1A, Z1B 1972-on	30.0mm Std. H/D	Exhaust	Dished, Square Groove	49.4
REC 484		31.0mm	Exhaust	Dished, Square Groove	47.8
REC	Kawasaki ZX10	31.0mm Std. H/D	Inlet	O/E Steel	25.6
REC	Kawasaki ZX10	25.5mm Std. H/D	Exhaust	O/E Titanium 13.7g	20.0
REC 657/1	Kawasaki ZX6R 1995 - On	27.0mm Std. H/D	Inlet	Std. Groove, Flat Back, Std. Collets	19.7
REC 657		27.0mm Std. H/D	Inlet	Flat Back, Kit, SK4 Collets	19.8
REC 657K		27.0mm Std. H/D	Inlet	Flat Back, Modified Underhead, Kit, SK4	19.3
REC 797		27.0mm Std. H/D	Inlet	Flat Back, Length -0.2mm Seat to Groove -0.2mm, Kit, SK4 Collets	19.2
REC 658/1	Kawasaki ZX6R 1995 - On	22.5mm Std. H/D	Exhaust	Std. Groove, Flat Back, Std. Collets	17.3
REC 658		22.5mm Std. H/D	Exhaust	Flat Back, Kit, SK4 Collets	17.3
REC 809/1	Kawasaki ZX6RR 2002 - 2004	27.0mm Std. H/D	Inlet	Dished, Kit, SK4 Collets	20.1
REC 810/1	Kawasaki ZX6RR 2002 - 2004	22.6mm Std. H/D	Exhaust	Dished, Kit, SK4 Collets	17.9
REC 840/1	Kawasaki ZX6RR 2004 - On	27.5mm Std. H/D	Inlet	Dished, Kit, SK4 Collets	19.2
REC 841/1	Kawasaki ZX6RR 2004 - On	22.6mm Std. H/D	Exhaust	Dished, Kit, SK4 Collets	16.8
REC 708	Kawasaki ZX7R 1996 - 2003	29.0mm	Inlet	Flat Back	25.4
REC 719		30.0mm	Inlet	Flat Back	26.7
REC 709	Kawasaki ZX7R 1996 - 2003	25.0mm	Exhaust	Flat Back	22.0
REC 851	Kawasaki ZX12R 2002 -2006	33.5mm	Inlet	Dished	34.5
REC 852	Kawasaki ZX12R 2002 -2006	28.3mm	Exhaust	Dished	29.0
REC 587	Kawasaki ZXR400 1989 - On	22.0mm	Inlet	Dished, Std. Length, Std. Collets Seat to Groove -0.5mm	13.5
REC 587/1		22.0mm	Inlet	Dished, Std. Length, Kit, SK4 Collets Seat to Groove -0.5mm	13.5
REC 627		22.0mm	Inlet	Flat Back, Std. Length, Std. Collets Seat to Groove -0.5mm	13.8
REC 627/1		22.0mm	Inlet	Flat, Std. Length, Kit, SK4 Collets Seat to Groove -0.5mm	13.8
REC 588	Kawasaki ZXR400 1989 - On	19.0mm	Exhaust	Dished, Std. Length, Std. Collets Seat to Groove -0.5mm	12.6
REC 588/1		19.0mm	Exhaust	Dished, Std. Length, Kit, SK4 Collets Seat to Groove -0.5mm	12.6
REC 628		19.0mm	Exhaust	Flat Back, Std. Length, Std. Collets Seat to Groove -0.5mm	13.2
REC 628/1		19.0mm	Exhaust	Flat, Std. Length, Kit, SK4 Collets Seat to Groove -0.5mm	13.2



Kawasaki (Retainers Available) (PTO) - Continued

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 550	Kawasaki ZXR750 1989 - 1995	29.0mm Std. H/D	Inlet	Flat Back	25.2
REC 551	Kawasaki ZXR750 1989 - 1995	25.0mm Std. H/D	Exhaust	Flat Back	21.7

Springs (REC 006) & Titanium Retainers (10537), using std. Collets to suit Kawasaki ZXR750

REC 550	Kawasaki ZXR900 1994 - 2003	29.0mm	Inlet	Flat Back	25.2
REC 551	Kawasaki ZXR900 1994 - 2003	25.0mm	Exhaust	Flat Back	21.7

Springs (REC 006) & Titanium Retainers (10537), using std. Collets to suit Kawasaki ZXR900

REC 631	Kawasaki ZZR600 1994 - On	26.0mm Std. H/D	Inlet	'D' Motor, Flat Back	23.1
REC 632	Kawasaki ZZR600 1994 - On	22.0mm	Exhaust	Std. H/D, 'D' Motor, Flat Back	20.1

REC 840/1	Kawasaki ZZR600 2004 - On	27.5mm Std. H/D	Inlet	Dished (Dimple), Kit, SK4 Collets	23.1
REC 841/1	Kawasaki ZZR600 2004 - On	22.5mm Std. H/D	Exhaust	Dished (Dimple), Kit, SK4 Collets	20.1

REC 605	Kawasaki ZZR1100 1990 - 2001	31.5mm	Inlet	Dished	31.4
REC 887		31.5mm	Inlet	Dished, Length -0.762mm	
REC 734		32.5mm	Inlet	Dished	32.9
REC 693		27.0mm	Exhaust	Dished	25.5
REC 888		27.0mm	Exhaust	Dished, Length -0.762mm	25.5

KTM

REC 667	EGS, KTMC4, SC & SX (620 Single)	36.0mm	Inlet	LC4 Engine	
REC 668	EGS, KTMC4, SC & SX (620 Single)	30.0mm	Exhaust	LC4 Engine	
REC 668/1		32.0mm	Exhaust	LC4 Engine, O/S H/D +2mm	

REC 941	KTM 250cc 2002 - on	28.0mm	Inlet	RFS Engine	
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Rotax

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 941	250cc 2002-on (RFS Engine)	28.0mm	Inlet	Std. H/D, Triple Groove, MK6 Collets	
REC 667	Rotax 500cc	36.0mm	Inlet	Std. H/D, Triple Groove, MK7 Collets	
REC 706		37.5mm	Inlet	O/S H/D +1.5mm, Triple Groove, MK7	
REC 668	Rotax 500cc	30.0mm	Exhaust	Std. H/D, Triple Groove, MK7 Collets	
REC 668/1		32.0mm	Exhaust	O/S H/D +2mm, Triple Groove, MK7	

Suzuki (Retainers Available) (PTO)

Part No.	Application	Head Diameter	Type	Comments	Weight
REC	Suzuki DRZ400	31.0mm	Exhaust		31.5

REC 527	Suzuki DR750S Super Mono 1988-1989	41.0mm	Inlet		
REC		42.0mm	Inlet	O/S H/D +1mm	
REC 528	Suzuki DR750S Super Mono 1988-1989	35.0mm	Exhaust		

REC 527	Suzuki DR800S Super Mono 1990-1997	41.0mm	Inlet		
REC		42.0mm	Inlet	O/S H/D +1mm	
REC 528	Suzuki DR800S Super Mono 1990-1997	35.0mm	Exhaust		

REC 485	Suzuki GS1000/GS1100 1976 - 1983	38.0mm	Inlet	Std. H/D, Dished	54.0
REC 415		39.0mm	Inlet	O/S H/D +1mm, Dished	52.8
REC 416		40.0mm	Inlet	O/S H/D +2mm, Dished	53.1
REC 622		41.0mm	Inlet	O/S H/D +3mm, Dished	63.9
REC 486	Suzuki GS1000/GS1100 1976 - 1983	32.0mm	Exhaust	Std. H/D, Dished	49.9
REC 417		33.5mm	Exhaust	O/S H/D +1.5mm, Dished	50.5



Suzuki (Retainers Available) (PTO) - Continued

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 323	Suzuki GSX1100, Katana 1979 - 1983	28.5mm	Inlet	O/S +1.5mm, Dish, Collet 12932-49200	29.2
REC 324		29.0mm	Inlet	O/S +2.0mm, Dish, Collet 12932-49200	29.2
REC 329		30.0mm	Inlet	O/S +3.0mm, Dish, Collet 12932-49200	27.7
REC 342		31.5mm	Inlet	O/S +3.5mm, Dish, Collet 12932-49200	33.6
REC 710		33.0mm	Inlet	O/S +6.0mm, Dish, Collet 12932-49200	36.3
REC 325	Suzuki GSX1100, Katana 1979 - 1983	25.0mm	Exhaust	O/S +2.0mm, Dish, Collet 12932-49200	24.0
REC 326		25.5mm	Exhaust	O/S +2.5mm, Dish, Collet 12932-49200	24.6
REC 731	Suzuki GSXR400 1984 - 1996	22.5mm	Inlet	Dished	15.3
REC 732	Suzuki GSXR400 1984 - 1996	20.0mm	Exhaust	Dished	13.3
REC 745	Suzuki GSXR600WX 1999 - On	26.5mm Std. H/D	Inlet	1.5mm Seat, Dish, Std. Collets	24.5
REC 746	Suzuki GSXR600WX 1999 - On	22.0mm Std. H/D	Exhaust	Stellite Seat, 1.5mm Seat, Dish, Std Collet	18.4
REC 803	Suzuki GSXR600 2001 - 2003	27.2mm Std. H/D	Inlet	Dish, Std. Collets	21.0
REC 803/1		27.2mm Std. H/D	Inlet	Dish, Kit, SK4 Collets	21.0
REC 811/1		27.2mm Std. H/D	Inlet	Flat Back, Kit, SK4 Collets	22.8
REC 804	Suzuki GSXR600 2001 - 2003	22.0mm Std. H/D	Exhaust	Dish, Std. Collets	15.7
REC 804/1		22.0mm Std. H/D	Exhaust	Dish, Kit, SK4 Collets	15.7
REC 812/1		22.0mm Std. H/D	Exhaust	Flat Back, Kit, SK4 Collets	16.9
REC 842	Suzuki GSXR600 2004 - On	27.2mm Std. H/D	Inlet	1mm Seat, Dished, Std. Collets EN52 Inlet Material, O/E Titanium 15.4g	21.9
REC 870		27.1mm Std. H/D	Inlet	Dished, Kit, SK4.5, O/E Titanium 15.4g	22.5
REC 843	Suzuki GSXR600 2004 - On	22.0mm Std. H/D	Exhaust	1.5mm Seat, Dished, Std. Collets O/E Titanium 11.8g	17.8
REC 871		22.0mm Std. H/D	Exhaust	Dished, Kit, SK4.5, O/E Titanium 11.8g	17.8
REC 642	Suzuki GSXR750WN/WP 1993 - 1995	27.0mm Std. H/D	Inlet	Water Cooled, Flat Back	25.3
REC 643	Suzuki GSXR750WN/WP 1993 - 1995	24.0mm Std. H/D	Exhaust	Water Cooled, Flat Back	20.5
REC 700	Suzuki GSXR750WP 1996 - On	29.0mm Std. H/D	Inlet	Water Cooled, Flat Back	24.0
REC 744		30.0mm	Inlet	Water Cooled, Flat Back	25.0
REC 701	Suzuki GSXR750WP 1996 - On	24.0mm Std. H/D	Exhaust	Water Cooled, Flat Back	20.6
REC 730		25.0mm	Exhaust	Water Cooled, Flat Back	21.5
REC 799	Suzuki GSXR750 2001 - 2004	29.0mm Std. H/D	Inlet	Dished, Std. Collets	24.1
REC 799/1		29.0mm Std. H/D	Inlet	Dished, Kit, SK4 Collets	24.1
REC 801		29.0mm Std. H/D	Inlet	Flat Back, Std. Collets	24.1
REC 801/1		29.0mm Std. H/D	Inlet	Flat Back, Kit, SK4 Collets	24.1
REC 865		29.5mm	Inlet	Flat Back, Kit, SK4 Collets	24.4
REC 863	30.0mm Std. H/D	Inlet	O/S H/D +1mm, Flat Back	26.7	
REC 800	Suzuki GSXR750 2001 - 2004	24.0mm Std. H/D	Exhaust	Dished, Std. Collets	19.1
REC 800/1		24.0mm Std. H/D	Exhaust	Dished, Kit, SK4 Collets	19.1
REC 802		24.0mm Std. H/D	Exhaust	Flat Back, Std. Collets	19.1
REC 802/1		24.0mm Std. H/D	Exhaust	Flat Back, Kit, SK4 Collets	19.1
REC 919		25.0mm	Exhaust	O/S H/D +1mm, Flat Back, Std. Collets	20.1
REC 861	Suzuki GSXR750, 2005 - On	30.0mm Std. H/D	Inlet	1mm Seat, Std. Collets, O/E Titanium	26.1
REC 861/1		30.0mm Std. H/D	Inlet	1mm Seat, Kit, SK4.5, O/E Titanium	26.1
REC 862	Suzuki GSXR750, 2005 - On	24.0mm Std. H/D	Exhaust	1.5mm Seat, Std. Collets, O/E Titanium	20.7
REC 862/1		24.0mm Std. H/D	Exhaust	1.5mm Seat, Kit, SK4.5, O/E Titanium	20.7



Suzuki (Retainers Available) (PTO) - Continued

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 799	Suzuki GSXR1000 2001 - 2004	29.0mm Std. H/D	Inlet	Dished, Std. Collets	24.1
REC 799/1		29.0mm Std. H/D	Inlet	Dished, Kit, SK4 Collets	24.1
REC 801		29.0mm Std. H/D	Inlet	Flat Back, Std. Collets	24.1
REC 801/1		29.0mm Std. H/D	Inlet	Flat Back, Kit, SK4 Collets	24.1
REC 865		29.5mm	Inlet	O/S H/D +0.5mm, Flat Back Kit, SK4 Collets	24.4
REC 863		30.0mm	Inlet	O/S H/D +1mm, Flat Back, Std. Collets	
REC 800	Suzuki GSXR1000 2001 - 2004	24.0mm Std. H/D	Exhaust	Dished, Std. Collets	19.1
REC 800/1		24.0mm Std. H/D	Exhaust	Dished, Kit, SK4 Collets	19.1
REC 802		24.0mm Std. H/D	Exhaust	Flat Back, Std. Collets	19.1
REC 802/1		24.0mm Std. H/D	Exhaust	Flat Back, Kit, SK4 Collets	19.1
REC 919		25.0mm	Exhaust	O/S H/D +1.0mm, Flat Back, Std. Collets	20.1
REC 861	Suzuki GSXR1000 K5, 2005 - On	30.0mm Std. H/D	Inlet	1mm Seat, O/E Titanium	26.1
REC 862	Suzuki GSXR1000 K5, 2005 - On	24.0mm Std. H/D	Exhaust	1.5mm Seat, O/E Titanium	20.7
REC 861/1	Suzuki GSXR1000 K5, 2005 - On	30.0mm Std. H/D	Inlet	Kit, SK4.5 Collets, O/E Titanium 13.0g	26.1
REC 862/1	Suzuki GSXR1000 K5, 2005 - On	24.0mm Std. H/D	Exhaust	Kit, SK4.5 Collets, O/E Titanium 18.0g	20.7
REC 487	Suzuki GSXR1100G/H/J/K/L 1986 - 1990	30.0mm	Inlet	O/S H/D +1mm, 2.1mm Seat, Rocker Eng. Dished (G/H/J), 1052cc, (K/L) 1127cc	29.9
REC 487/1		30.0mm	Inlet	O/S H/D +1mm, 1.2mm Seat, Rocker Eng. Dished (G/H/J), 1052cc, (K/L) 1127cc	29.9
REC 616		31.0mm	Inlet	O/S H/D +2mm, 2.1mm Seat, Rocker Eng. Dished (G/H/J) 1052cc, (K/L) 1127cc	31.6
REC 488	Suzuki GSXR1100G/H/J/K/L 1986 - 1990	26.0mm	Exhaust	O/S H/D +1mm, 2.1mm Seat, Rocker Eng. Dished (G/H/J) 1052cc, (K/L) 1127cc	24.7
REC 488/1		26.0mm	Exhaust	O/S H/D +1mm, 1.5mm Seat, Rocker Eng. Dished (G/H/J) 1052cc, (K/L) 1127cc	24.7
REC 617		27.0mm	Exhaust	O/S H/D +2mm, 2.1mm Seat, Rocker Eng. Dished (G/H/J) 1052cc, (K/L) 1127cc	26.0
REC 646	Suzuki GSXR1100M/N 1991 - 1992	28.5mm Std. H/D	Inlet	1mm Seat, Oil & Air Cooled, Flat Back	26.4
REC 691	Suzuki Bandit 1200 GSF1200 1996-2007	30.0mm	Inlet	1mm Seat, Oil & Air Cooled, Flat Back	28.2
REC 647	Suzuki GSXR1100M/N 1991 - 1992 Suzuki Bandit 1200 GSF1200 1996-2007	25.0mm Std. H/D	Exhaust	2.3mm Seat, Oil & Air Cooled, Flat Back	24.0
REC 692		26.0mm	Exhaust	2.3mm Seat, Oil & Air Cooled, Flat Back	25.0
REC 692/1		26.0mm	Exhaust	1.5mm Seat, Oil & Air Cooled, Flat Back	25.0
REC 644	Suzuki GSXR1100WP/WR 1993 - On	31.0mm Std. H/D	Inlet	1.75mm Seat, Water Cooled, Flat Back	30.5
REC 721	Suzuki GSXR1100WP/WR 1993 - On	32.0mm	Inlet	1.75mm Seat, Water Cooled,	32.1
REC 645	Suzuki GSXR1100WP/WR 1993 - On	27.0mm Std. H/D	Exhaust	Flat Back, 2.3mm Seat, Water Cooled	25.5
REC 722	Suzuki GSXR1100WP/WR 1993 - On	28.0mm	Exhaust	2.3mm Seat, Water Cooled, Flat Back	26.8



Suzuki (Retainers Available) (PTO) - Continued

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 817	Suzuki GSXR1300 Hayabusa 1999 - 2007	33.0mm Std. H/D	Inlet	1.0mm Seat, Dished, First Generation	33.9
REC 819		34.0mm	Inlet	1.0mm Seat, Dished, First Generation	32.5
REC 818	Suzuki GSXR1300 Hayabusa 1999 - 2007	27.5mm Std. H/D	Exhaust	1.5mm Seat, Dished, First Generation Light weight, Bike Only	25.9
REC 818/1		27.5mm Std. H/D	Exhaust	1.5mm Seat, Dished, 30 Deg. Break First Generation, Radical (Car Engine)	27.0
REC 820		28.5mm	Exhaust	1.5mm Seat, Dished, First Generation Light weight, Bike Only	27.0
REC 820/1		28.5mm	Exhaust	1.5mm Seat, Dished, 30 Deg. Break First Generation, Radical (Car Engine)	30.5

REC 644	Suzuki SV650 Twin	31.0mm Std. H/D	Inlet	1.75mm Seat, Flat Back	30.5
REC 721		32.0mm	Inlet	1.75mm Seat, Flat Back	32.1
REC 883	Suzuki SV650 Twin	25.5mm Std. H/D	Exhaust	Dished	
REC 884		27.0mm	Exhaust	Flat Back	

REC	Suzuki TL1000	40.0mm Std. H/D	Inlet		57.8
REC	Suzuki TL1000	33.0mm Std. H/D	Exhaust		43.6

REC 896	Suzuki RMZ250	24.9mm Std. H/D	Exhaust	O/E Titanium 12.6g	18.8
REC 897	Suzuki RMZ250	31.0mm Std. H/D	Inlet	O/E Titanium 16.0g	24.8

REC 686	Suzuki RF900	29.0mm	Inlet	Flat Back	28.8
REC 687	Suzuki RF900	25.0mm	Exhaust	O/S H/D +1mm, Flat Back	22.2

Vincent

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 345	Black Lightning / Shadow	1.805"/ 45.85mm	Inlet		
REC 346	Black Lightning / Shadow	1.675"/ 42.50mm	Exhaust	Stellite Seat	

Yamaha (Retainers Available) (PTO)

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 531	Yamaha FJ1200 1984 - 1996	30.0mm	Inlet	Dished	29.3
REC 532	Yamaha FJ1200 1984 - 1996	26.0mm	Exhaust	Dished	26.5

REC 349	Yamaha FZ750 1985 - 1991	22.0mm	Inlet	(x2) Dished, 1.7mm Seat	
REC 350		22.0mm	Inlet	(x1) Dished, 1.7mm Seat	
REC 351	Yamaha FZ750 1985 - 1991	24.0mm	Exhaust	(x2) Dished, 2.3mm Seat	25.1

REC 591	Yamaha FZR400 (3TJ Engine) 1986 - 94	22.0mm	Inlet	Dished, Std. Collets	15.0
REC 623		22.0mm	Inlet	Flat Back, Std. Collets	16.6
REC 623/1		22.0mm	Inlet	Flat Back, Kit, SK4 Collets	16.6
REC 592	Yamaha FZR400 (3TJ Engine) 1986 - 94	19.0mm	Exhaust	Dished, Std. Collets	13.8
REC 624		19.0mm	Exhaust	Flat Back, Std. Collets	14.1
REC 624/1		19.0mm	Exhaust	Flat Back, Kit, SK4 Collets	14.1

REC 618	Yamaha FZR600 Upto - 1994	24.0mm Std. H/D	Inlet	0.8mm Seat, Dished	19.2
REC 619	Yamaha FZR600 Upto - 1994	21.0mm Std. H/D	Exhaust	Dished	17.2



Yamaha (Retainers Available) (PTO) - Continued

Part No.	Application	Head Diameter	Type	Comments	Weight
REC 620	Yamaha FZR600R 1994 - 1999	24.0mm Std. H/D	Inlet	1.5mm Seat, Flat Back	18.0
REC 625		24.0mm Std. H/D	Inlet	2.1mm Seat, Flat Back	17.8
REC 864		25.2mm	Inlet	1mm Seat, Flat Back	18.0
REC 621	Yamaha FZR600R 1994 - 1999	21.0mm Std. H/D	Exhaust	Flat Back	16.1
REC 626		21.0mm Std. H/D	Exhaust	Flat Back	15.0
REC 512	Yamaha FRZ750R OWO1 1988 - 1991	23.0mm Std. H/D	Inlet	(x1) Dished, 1.5mm Seat	18.7
REC 474		24.0mm	Inlet	(x1) Dished, 1.5mm Seat	19.6
REC 511		23.0mm Std. H/D	Inlet	(x2) Dished, 1.5mm Seat	18.9
REC 473		24.0mm	Inlet	(x2) Dished, 1.5mm Seat	19.8
REC 510	Yamaha FRZ750R OWO1 1988 - 1991	24.5mm Std. H/D	Exhaust	(x2) Dished, 1.5mm Seat	20.6
REC 475		25.5mm	Exhaust	(x2) Dished, 1.5mm Seat	21.5
REC 652	FZR1000 Exup / Thunderace 1987 - 1995	23.5mm Std. H/D	Inlet	(x1) Flat Back	19.3
REC 651		23.5mm Std. H/D	Inlet	(x2) Flat Back	19.4
REC 655		24.0mm	Inlet	(x1) Flat Back	19.7
REC 654		24.0mm	Inlet	(x2) Flat Back	19.8
REC 600		24.5mm	Inlet	(x1) Flat Back	20.1
REC 653	FZR1000 Exup / Thunderace 1987 - 1995	25.0mm Std. H/D	Exhaust	(x2) Flat Back	20.7
REC 656		25.5mm	Exhaust	(x2) Flat Back	21.1
52462	Yamaha SR500	45.0mm	Inlet		94.1
52463	Yamaha SR500	39.1mm	Exhaust		80.8
REC	Yamaha V-Max 1985 - 2007	31.5mm	Inlet	O/S H/D +1mm	34.9
REC	Yamaha V-Max 1985 - 2007	26.0mm	Exhaust	O/S H/D +1mm	30.2
REC	Yamaha XS650	41.1mm	Inlet		
REC	Yamaha XT500 1976 - 1981	45.0mm	Inlet		94.1
REC	Yamaha XT500 1976 - 1981	39.1mm	Exhaust		80.8
REC 640	Yamaha XTZ660 Early 1992	30.0mm Std. H/D	Inlet	(x3) Dished	41.1
REC 641	Yamaha XTZ660 Early 1992	32.0mm Std. H/D	Exhaust	(x2) Dished	43.7
REC 774		33.0mm	Exhaust	(x2) Dished	46.2
REC 838	Yamaha YZ250F, WR250F	23.0mm	Inlet	(x1) Dished, 1.0mm Seat O/E Titanium 10.0g	15.1
REC 837		23.0mm	Inlet	(x2) Dished, 1.0mm Seat O/E Titanium 10.1g	15.1
REC 839	Yamaha YZ250F, WR250F	24.5mm	Exhaust	(x2) Dished, 1.0mm Seat O/E Titanium 12.3g	18.4
REC	Yamaha YZ426 2000 - On	27.0mm Std. H/D	Inlet	(x1)	25.1
REC		28.0mm	Inlet	(x1) O/S H/D +1mm	27.1
REC		27.0mm Std. H/D	Inlet	(x2)	25.1
REC		28.0mm	Inlet	(x2) O/S H/D +1mm	27.1
REC	Yamaha YZ426 2000 - On	28.0mm Std. H/D	Exhaust	(x2) Dished, O/E Steel	30.7



Yamaha (Retainers Available) (PTO) - Continued

Part No.	Application	Head Diameter	Type	Comments	Weight
54321	Yamaha YZ450F	27.0mm Std. H/D	Inlet	(x1) EN52 Inlet Material, Std., Std. Stem Dished, O/E Titanium 14.1g	17.5
54322		27.0mm Std. H/D	Inlet	(x2) Dished, EN52 Inlet Material O/E Titanium 14.2g	17.6
54323	Yamaha YZ450F	28.0mm Std. H/D	Exhaust	(x2) Dished, Std. Stem, O/E Titanium 16.8g	22.5
REC 620	Yamaha YZF600R Thundercat 1996 - 07	24.0mm Std. H/D	Inlet	1.25mm Seat, Flat Back	18.0
REC 625		24.0mm Std. H/D	Inlet	EN52 Inlet Material 1.25mm Seat, Flat Back	15.8
REC 864		25.2mm	Inlet	1mm Seat, Flat Back	18.0
REC 621	Yamaha YZF600R Thundercat 1996 - 07	21.0mm Std. H/D	Exhaust	Flat Back	16.1
REC 626		21.0mm Std. H/D	Exhaust	Flat Back	15.0
REC 599	Yamaha YZF750P,R & SP 1993 - 1998	23.0mm Std. H/D	Inlet	(x1) Flat Back, 1.5mm Seat	18.7
REC 583		23.0mm Std. H/D	Inlet	(x1) Dished, 1.5mm Seat	18.4
REC 598		23.0mm Std. H/D	Inlet	(x2) Flat Back, 1.5mm Seat	18.9
REC 582		23.0mm Std. H/D	Inlet	(x2) Dished, 1.5mm Seat	18.5
REC 600	Yamaha YZF750P,R & SP 1993 - 1998	24.5mm Std. H/D	Exhaust	(x2) Flat Back, 1.5mm Seat	20.1
REC 584		24.5mm Std. H/D	Exhaust	(x2) Dished, 1.5mm Seat	21.3
REC 652	Yamaha YZF1000 Thunderace 1996 - 03	23.5mm Std. H/D	Inlet	(x1) Flat Back	19.3
REC 651		23.5mm Std. H/D	Inlet	(x2) Flat Back	19.4
REC 655		24.0mm	Inlet	(x1) Flat Back	19.7
REC 654		24.0mm	Inlet	(x2) Flat Back	19.8
REC 653	Yamaha YZF1000 Thunderace 1996 - 03	25.0mm Std. H/D	Exhaust	(x2) Flat Back	20.7
REC 656		25.5mm	Exhaust	(x2) Flat Back	21.1
REC 742	Yamaha YZFR1 1998 - 2003	23.0mm Std. H/D	Inlet	(x1) Flat Back, 1mm Seat	16.1
REC 741		23.0mm Std. H/D	Inlet	(x2) Flat Back, 1mm Seat	16.4
REC 807		24.0mm	Inlet	(x2) Flat Back, 1mm Seat, O/S H/D +1mm	
REC 743	Yamaha YZFR1 1998 - 2003	24.5mm Std. H/D	Exhaust	(x2) Flat Back, 1.5mm Seat	22.2
REC 824	Yamaha YZFR1 2004 - 2007	23.5mm Std. H/D	Inlet	(x1) 1.25mm Seat, Flat Back	16.3
REC 824/1		23.5mm Std. H/D	Inlet	(x1) Flat Back, 1.2mm Seat, Inlet Material	15.8
REC 823		23.5mm Std. H/D	Inlet	(x2) Flat Back, 1.2mm Seat	16.4
REC 823/1		23.5mm Std. H/D	Inlet	(x2) Flat Back, 1.2mm Seat EN52 Inlet Material	16.0
REC 825	Yamaha YZFR1 2004 - 2007	25.0mm Std. H/D	Exhaust	(x2) Flat Back, 1.58mm Seat	21.1
REC 877	Yamaha YZFR1 2007 - On	25.0mm Std. H/D	Exhaust	(x2) Flat back, 1.58mm Seat 4 Valve Engine	21.5
REC 875	Yamaha YZFR6 2006 - On	27.0mm Std. H/D	Inlet	1mm Seat, Flat Back, O/E Titanium 16.1g	23.0
REC 876	Yamaha YZFR6 2006 - On	23.0mm Std. H/D	Exhaust	1.5mm Seat, Flat Back O/E Titanium 13.7g	19.8
REC 755	Yamaha YZFR6 1999 - 2005	25.0mm Std. H/D	Inlet	1mm Seat, Dished Back	19.1
REC 857		26.0mm	Inlet	Flat Back	
REC 756	Yamaha YZFR6 1999 - 2005	22.0mm Std. H/D	Exhaust	1.5mm Seat, Dished	18.2
REC 858		23.0mm	Exhaust	Flat Back	



Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10018	156	LK6N	12.50		Titanium
REC 10017	156	RK7N	13.10	53662, 53663	Titanium

Austin Healey

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10312	100/4, 100/6 & 3000, Std. Retainer	Std. Collets			

BMW

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 11078	BMW Mini, R52, R53 (W11 Engine) Spring Retainer Single Groove Conversion	SK6N		REC 933, REC 934, REC 935	EN24T
REC 11187	BMW Mini Cooper S Turbo 1600cc Spring Retainer (N14 & N18 Engine) 2007-2010	MK5 (Std.)		REC 942, REC 943 (Triple Groove)	EN24T
REC 11188	BMW Mini Cooper S Turbo 1600cc Spring Retainer (N14 & N18 Engine) 2007-2010 Single Groove Conversion	SK5		REC 942/1, REC 943/1 (Single Groove)	EN24T

BRM

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10059	P142 V12, 3 Litre Spring Retainer 6mm Stems	KK6N		54088, 54089	Titanium

Citroen

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10117	Citroen Spring Retainer	5/16" Collets		54766, 54767	EN24T

Cosworth

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10370	BDG Spring Retainer 6mm Stem	LK6N		57102, 57103	Titanium
REC 10371	BDG Spring Platform	N/A		57102, 57103	EN24T
REC 10020	MAE 1100cc Spring Retainer	88G459	9.60	REC275, REC 282 & REC 002 Springs	Titanium
REC 10388	MAE 1100cc Spring Platform (to suit 0.500" Guides)	N/A		REC 002 Springs	EN24T
REC 11292	DVF Spring Retainer	PP0672	19.66	REC761, REC 762, REC 765, REC 766, REC 789, REC 906 & REC 907	EN24T

Coventry

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10162	Climax 750cc Spring Retainer 6mm Stems	LK6N		54901, 54902	EN24T
REC 10161	Climax 750cc Spring Retainer			54899, 54900	EN24T
REC 10113	Climax FWA / FWE Spring Retainer	10823		5/16" Stem	EN24T
REC 11356		PP0672		9/32" Stem	EN24T
REC 10083	Climax V8 Spring Retainer			53103, 53104	EN24T
REC 10277	Climax FW750cc Spring Retainer	LK7		56388 / 56389	Titanium

Ferrari



Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10031	Ferrari 12 Cylinder Spring Retainer	Std. Collets		REC 821/1, REC 822/1	EN24T
REC 10030	Ferrari 12 Cylinder Spring Retainer Fitted Length +0.050"	Std. Collets			EN24T
REC 11259	Ferrari Dino, 246, 308 (2 Valve), 365 512BB & Boxer Spring Retainer	11025 Std. Collets		REC 380, REC 381, REC 479, REC 480	EN24T

Ford

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10133	Escort, Cortina & Capri Spring Retainer Ford Pinto 2 Litre Std. Springs				EN24T
REC 10134	Escort, Cortina & Capri Spring Retainer Ford Pinto 2 Litre (Supplied before 2011)	10823 Imperial Collet	18.60	REC 296, REC 297, REC 882/1 (Issue 2) To Identify Check Groove Dia. 0.250"/0.248"	EN24T
REC 10135	REC 004 Springs	10823 Imperial Collet	10.60	REC 296, REC 297, REC 882/1 (Issue 2) To Identify Check Groove Dia. 0.250"/0.248"	Titanium
REC 10424	Escort, Cortina & Capri Spring Retainer Ford Pinto 2 Litre	RK8 Metric Collet		REC 296, REC 297, REC 882/1 (Issue 3) To Identify Check Groove Dia. 0.245"/0.243"	EN24T
REC 10451	REC 004 Springs	RK8 Metric Collet		REC 296, REC 297, REC 882/1 (Issue 3) To Identify Check Groove Dia. 0.245"/0.243"	Titanium
REC 10085	Escort, Cortina, Capri, Fiesta Spring Retainer Ford Cross-Flow (Std. 5/16" Stem) REC 004 Springs	10823		REC 250, REC 251, REC 425	Titanium
REC 11355	Escort, Cortina, Capri, Fiesta Spring Retainer Ford Cross-Flow (Std. 5/16" Stem) REC 002 Springs	Std. Triple Groove Collets		REC 208W, REC 209W, REC 260 REC 261, REC 306, REC 307	EN24T
REC 10020	Escort, Cortina, Capri, Fiesta Spring Retainer Ford Cross-Flow (9/32" Stem)	88G459		REC 247, REC 248, REC 265, REC 266 REC 292, REC 293	Titanium
REC 10303	REC 002 Springs, REC 05 Guides 10460 Spring Platforms	88G459		REC 247, REC 248, REC 265, REC 266 REC 292, REC 293	EN24T
REC 10460	Escort, Cortina, Capri Fiesta Spring Platform Ford Cross-Flow (9/32" Stem) REC 002 Springs, REC 05 Guides	88G459		REC 247, REC 248, REC 265, REC 266 REC 292, REC 293	EN24T
REC 11256	Ford Super Puma Spring Retainer 97 - 02	SK6N		REC 902/1 & REC 903/1	EN24
REC 11319	Escort, Fiesta, Mondeo, Focus Spring Retainer 1800cc/2000cc Zetec Engine, Silver Top	SK6N		REC 696 & REC 697, Single Groove Conversion from OE Single Groove Collet	EN24
REC 10991	Escort, Fiesta, Mondeo, Focus Spring Retainer 1800cc/2000cc Zetec R (Black Top & ST170 Engine)	MK6N		Fitted Length +2.5mm (for more lift) REC 920, REC 921, REC 922 & REC 923, Triple Groove, Std. Collets	EN24

Honda

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10063	CBR600FX 98-00 Inlet Spring Retainer	SK4N		REC 759/1	EN24
REC 10064	CBR600FX 98-00 Exhaust Spring Retainer	SK4N		REC 760/1	EN24
REC 10087	CBR600RR3 2003-on Spring Retainer	SK4N			EN24
REC 10073	Honda Spring Retainer		7.90	54210	Titanium
REC 10074	Honda Spring Retainer Length -0.100"		10.10	54210	Titanium
REC 10077	Honda Spring Retainer Length -0.100"		7.90	54210	Titanium



Part No.	Application	Collets	Weight	Comments	Weight
10918	Husqvarna TE 250cc/450cc, 2003 - 2004 Spring Retainer (Stem Dia. 4.5mm)	Std. Collets		REC 844, REC 845, REC 847 & REC 848	

Kawasaki

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10860	ZXR400 Spring Retainer	Std. Collets		REC 587, REC 588, REC 627 & REC 628	EN24T
REC 10861		SK4N		REC 587/1, REC 588/1, REC 627/1 & REC 628/1	EN24T
REC 10126	ZX6RR Spring Retainer	SK4N	3.60	REC 840/1, REC841/1	Titanium
REC 10125		Std. Collets	3.02		Alloy
REC 10082	ZX6RR 2002-04 Spring Retainer	SK4N		REC 809/1, REC 810/1	EN24T
REC 10537	ZXR900 / ZXR750 Spring Retainer	Std. Collets		REC 550, REC 551, REC 006 Springs	Titanium
REC 10105	ZX10 Spring Retainer	Std. Collets	3.60	54706, 54708	Alloy

Mini

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10020	Mini Spring Retainer REC 002 Springs	88G459	9.60	All REC Mini A-Series Valves	Titanium
REC 10303	Mini Spring Platform REC 002 Springs	88G459		All REC Mini A-Series Valves	EN24T
REC 10057	Mini Spring Retainer Isky Springs - Light Inner	88G459		All REC Mini A-Series Valves (Check Springs)	Titanium
REC 10302		88G459		All REC Mini A-Series Valves (Check Springs)	EN24T
REC 10107	Mini Spring Retainer with Shims-10034) REC 002 Springs	SK6N		REC 134, REC 135, REC 136	Titanium
REC 10060		LK6N 10034 Shims		REC 134/1, REC 135/1, REC 136/1 REC 137, REC 138	Titanium
REC 10460	Mini Spring Platform to suit 0.471" Guides	N/A		REC 002 Springs	EN24T
REC 11078	BMW Mini, R52, R53 (W11 Engine) Spring Retainer Single Groove Conversion	SK6N		REC 933, REC 934, REC 935	EN24T
REC 11187	BMW Mini Cooper S Turbo 1600cc Spring Retainer (N14 & N18 Engine) 2007-2010	MK5 (Std.)		REC 942, REC 943 (Triple Groove)	EN24T
REC 11188	BMW Mini Cooper S Turbo 1600cc Spring Retainer (N14 & N18 Engine) 2007-2010 Single Groove Conversion	SK5		REC 942/1, REC 943/1 (Single Groove)	EN24T

MG

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10532	MGB 1800cc 4 Cyl. 1967-80 (Eng. 18V) Spring Retainer with Shim (10435) REC 002 Springs, REC 57 Guides	KK7N 10435		REC 793. REC 794	EN24T

Rover

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10079	K Series, Piper Spring, Hydraulic Cam Spring Retainer VSSK Single Spring or VDSK Duel Spring	SK6N		1800cc Engine In. 3.420"/86.9mm, Ex. 3.435"/87.2mm	Titanium
REC 11135	K Series, Piper Spring, Solid Cam Spring Retainer VSSK Single Spring or VDSK Duel Spring	SK6N	6.63	1800cc Engine In. 3.440"/87.4mm, Ex. 3.460"/87.90mm	Titanium

Subaru



Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10097	Turbo Spring Retainer Piper Spring	Yoshimora Collets	10.50	50849, 50850	Titanium

Suzuki (PTO)

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10144	GSXR600 2001 - 2003 Spring Retainer	Std. Collets	4.52		Alloy
REC 10200	GSXR600 2001 - 2003 Spring Retainer Lightweight	Std. Collets	4.40	REC 803, REC 804	Titanium
REC 10062	GSXR600 2001 - 2003 Spring Retainer Std. Shape	SK4N	7.00	REC 803/1, REC 804/1, REC 811/1 REC 812/1	Titanium
REC 10199	GSXR600 2001 - 2003 Spring Retainer Lightweight	SK4N	4.60	REC 799/1, REC 800/1, REC 801/1 REC 802/1	Titanium

REC 10218	GSXR600 2004 - on Spring Retainer Lightweight	SK4.5N	4.40	REC 870, REC 871	Titanium
REC 10217	GSXR600 2004 - on Spring Retainer Std. Shape	SK4.5N	7.00	REC 870, REC 871	Titanium

REC 10144	GSXR750 2001 - 2004 Spring Retainer	Std. Collets	4.52		Alloy
REC 10200	GSXR750 2001 - 2004 Spring Retainer Lightweight	Std. Collets	4.40	REC 799, REC 800, REC 801, REC 802	Titanium

REC 10062	GSXR750 2001 - 2004 Spring Retainer Std. Shape	SK4N	7.00	REC 799/1, REC 800/1, REC 801/1 REC 802/1, REC 865	Titanium
REC 10199	GSXR750 2001 - 2004 Spring Retainer Lightweight	SK4N	4.60	REC 799/1, REC 800/1, REC 801/1 REC 802/1, REC 865	Titanium

REC 10218	GSXR750 K5 2005 - on Spring Retainer Lightweight	SK4.5N	4.40	REC 861/1, REC 862/1	Titanium
REC 10217	GSXR750 K5 2005 - on Spring Retainer Std. Shape	SK4.5N	7.00	REC 861/1, REC 862/1	Titanium

REC 10144	GSXR1000 2001 - 2004 Spring Retainer	Std. Collets	4.52		Alloy
REC 10200	GSXR1000 2001 - 2004 Spring Retainer Lightweight	Std. Collets	4.40	REC 799, REC 800, REC 801, REC 802	Titanium
REC 10062	GSXR1000 2001 - 2004 Spring Retainer Std. Shape	SK4N	7.00	REC 799/1, REC 800/1, REC 801/1 REC 802/1, REC 865	Titanium
REC 10199	GSXR1000 2001 - 2004 Spring Retainer Lightweight	SK4N	4.60	REC 799/1, REC 800/1, REC 801/1 REC 802/1, REC 865	Titanium

REC 10218	GSXR1000 K5 2005 - on Spring Retainer Lightweight	SK4.5N	4.40	REC 861/1, REC 862/1	Titanium
REC 10217	GSXR1000 K5 2005 - on Spring Retainer Std. Shape	SK4.5N	7.00	REC 861/1, REC 862/1	Titanium

REC 10054	Ignas Spring Retainer	SK5.5N	6.40	54038, 540391	EN24T
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Triumph



Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10020	Triumph TR2, TR3A, TR4, TR4A Spring Retainer, REC 002 Springs	88G459	9.60	REC 546, REC547	Titanium
REC 10303		88G459		REC 546, REC547	EN24T
REC 10020	Triumph TR6 1969-76 Spring Retainer REC 002 Springs	88G459	9.60	REC 548, REC549	Titanium
REC 10303		88G459		REC 548, REC549	EN24T
REC 10178	955I 3 Cylinder Spring Retainer	SK5N		55261	EN24T
REC 10177	955I 3 Cylinder	Std. Collets			EN24T

TVR

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
10424	350, 390, 400, 420, 450, Griffith Chimaera (Rover 3500cc V8) 1983-2001 Spring Retainer, REC 004 Springs	RK8		REC 508	EN24T
10451		RK8		REC 509	Titanium

Vauxhall

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10129	1400, 1600 Corsa Spring Retainer	MK6N		REC 661, REC 662	Titanium
REC 10036	XE 2000 Group A (Std. Stem) Spring Retainer, REC 002 Springs	MK7N		REC 458, REC 459	Titanium
REC 10037	XE 2000 Group A (Std. Stem) Spring Retainer, Isky Springs Light Inner	MK7N		REC 458, REC 459	Titanium
REC 10019	XE 2000 Group A (6mm Stem) Spring Retainer, REC 002 springs	SK6N	8.40	REC 777, REC 778, REC 779, REC 780 REC 781, REC 782, REC 798	Titanium
REC 10023	XE 2000 Group A (6mm Stem) Spring Retainer, Isky Springs - Light Inner	SK6N	8.50	REC 777, REC 778, REC 779, REC 780 REC 781, REC 782, REC 798	Titanium

Yamaha

Part No.	Application	Collets	Weight	To Suit Valve Part No.	Material
REC 10065	FZR400 Spring Retainer	SK4N		REC 623/1, REC624/1	EN24T

A-Series Engine

Valves Collets



Part No.	Application	Groove Radius	Stem	Groove Diameter	Design
88G459	Mini - 7 Deg. , Single Groove	0.062"	9/32"	0.218"/0.216"	Turned

BRM

Part No.	Application	Groove Radius	Stem	Groove Diameter	Design
10826	BRM P68, P56 & P101 - 7.5 Deg. Single	0.062"	5/16"	0.251"/0.249"	Turned

Cosworth (Please Note: If using REC Retainers and Springs use Mini 88G459 Collets)

Part No.	Application	Groove Radius	Stem	Groove Diameter	Design
PP0672	all 9/32" Valves - 5 Deg. , Single Groove	0.062"	9/32"	0.218"/0.216"	Turned

Ferrari

Part No.	Application	Groove Radius	Stem	Groove Diameter	Design
11025	Dino,246,308,365,512BB & Boxer 7 Deg.	Square Groove	8.0mm	0.268"/0.266"	Turned

Ford / Lotus / Jaguar

10823	O/E Part - Ford Cross-Flow O/E Part - Lotus Twincam - 5 Deg. O/E Part - Jaguar 3.4, 3.6, 4.2 (6 Cyl.)	0.062"	5/16"	0.250"/0.248"	LK1808 X026E0045Z EBC2997	Turned
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G&S

Part No.	Application	Groove Radius	Stem	Groove Diameter	Design
10734	Honda 7mm Stem - 7 Deg. , Single	0.050"	7.0mm	0.224"/0.222"	Turned
11089	7mm - 7 Deg. , Single Groove Triple Groove Conversion	0.050"	7.0mm	0.232"/0.228"	Turned
P485F14355/5	3/8" - 5 Deg. , Single Groove	0.062"	3/8"	0.311"/0.309"	Turned

TRW (SK Design)

Part No.	Application	Groove Radius	Stem	Groove Diameter	Design
SK4N	5 Degree, Single Groove	0.030"	4.0mm	0.118"/0.114"	Forged
SK4.5N		0.030"	4.5mm	0.138"/0.134"	Forged
SK5N		0.030"	5.0mm	0.157"/0.153"	Forged
SK5.5N		0.030"	5.5mm	0.177"/0.173"	Forged
SK6N		0.030"	6.0mm	0.197"/0.193"	Forged

TRW (RK Design)

RK6N	5 Degree, Single Groove	0.062"	6.0mm	0.165"/0.161"	Forged
RK7N		0.062"	7.0mm	0.205"/0.200"	Forged
RK8N		0.062"	8.0mm	0.244"/0.239"	Forged
RK9N		0.062"	9.0mm	0.284"/0.276"	Forged
RK9.5N		0.062"	3/8"	0.304"/0.296"	Forged
RK10N		0.062"	10.0mm	0.323"/0.315"	Forged

TRW (LK Design)

LK5N	7 Degree, Single Groove	0.050"	5.0mm	0.153"/0.150"	Forged
LK5.5N		0.050"	5.5mm	0.173"/0.169"	Forged
LK6N		0.050"	6.0mm	0.193"/0.189"	Forged
LK7N		0.050"	7.0mm	0.232"/0.228"	Forged

TRW (KK Design)

KK6N	7 Degree, Single Groove	0.050"	6.0mm	0.193"/0.189"	Forged
KK7N		0.050"	7.0mm	0.232"/0.228"	Forged
KK8N		0.050"	8.0mm	0.271"/0.266"	Forged
KK9N		0.050"	9.0mm	0.311"/0.303"	Forged
KK12N		0.050"	12.0mm	0.429"/0.421"	Forged

Valves Collets



TRW (MK Design)

MK6N	7 Degree, Triple Groove	0.020" 0.079" Centers	6.0mm	0.183"/0.178"	Forged
MK7N		0.030" 0.106" Centers	7.0mm	0.208"/0.204"	Forged
MK8N		0.030" 0.106" Centers	8.0mm	0.248"/0.242"	Forged

A-Series Engine

Valves Guides



Part No.	Application	Material	O/D	Stem Dia.	Length	Circlip Grooves
REC 01	850cc/998cc/1098cc	Colsibro	0.471"	0.2818"	1.687"	2
REC 01	Cooper 'S' (Mk1) 1275cc Engine 9/32" Stems	Colsibro	0.471"	0.2818"	1.687"	2
REC 01	Cooper 'S' Mk2 12G940 Head Casting 9/32" Stems	Colsibro	0.471"	0.2818"	1.687"	2
REC 58	Cooper 'S' Mk2 12G940 Head Casting 6mm Stems	Colsibro	0.471"	0.2818"	1.687"	2

Cosworth

Part No.	Application	Material	O/D	Stem Dia.	Length	Circlip Grooves
REC 05	MAE 1000cc, 1100cc Push-Rod Engine 9/32" Stem	Colsibro	0.502"	0.2818"	1.850"	2
REC 59	BDG 9/32" Stem	Colsibro	0.513"	0.2818"	1.558"	2
REC 51	RS500 YB Sierra, Std. Inlet 7mm Stem	Colsibro	0.514"	0.2761"	1.681"	1
REC 52	RS500 YB Sierra, Std. Exhaust 8mm Stem	Colsibro	0.514"	0.3154"	1.732"	1

Ford

Part No.	Application	Material	O/D	Stem Dia.	Length	Circlip Grooves
REC 03	Anglia, Capri, Cortina, Corsair Pre Cross-Flow	Colsibro	0.502"	0.3130"	1.850"	1
REC 03	Cortina, Capri, Escort, Fiesta (5/16" Stem) Cross-Flow Engine	Colsibro	0.502"	0.3130"	1.850"	1
REC 05	Cortina, Capri, Escort, Fiesta (9/32" Stem) Cross-Flow Engine Use 10460 Spring Platform	Colsibro	0.502"	0.2818"	1.850"	2
REC 12	Cortina, Capri, Escort Pinto Engine	Colsibro	0.474"	0.3182"	1.975"	1
REC 08	Sierra, Escort, Fiesta, Orion C.V.H. Engine	Colsibro	0.5346"	0.3182"	2.545	0
REC 09	Sierra, Escort, Fiesta, Orion C.V.H. Engine (9/32" Stem)	Colsibro	0.5346"	0.2818"	2.545	0
REC 24	YB Sierra RS2000 9/32" Stem	Colsibro	0.514"	0.2818"	1.690"	2

Jaguar

Part No.	Application	Material	O/D	Stem Dia.	Length	Circlip Grooves
REC 31	3.4, 3.6, 3.8 & 4.2 Litre, Straight 6 5/16" Stem	Colsibro	0.502"	0.3130"	1.500"	1



Lotus

Part No.	Application	Material	O/D	Stem Dia.	Length	Circlip Grooves
REC 06	Twin Cam	Colsibro	0.502"	0.3130"	1.500"	1
REC 07	Twin Cam O/S Guide +0.003"	Colisbro	0.505"	0.3130"	1.500"	1
REC 54	Elise	Colisbro	0.388"	0.2367"	1.250"	N/A

MG

Part No.	Application	Material	O/D	Stem Dia.	Length	Circlip Grooves
REC 01	Midget Std. Stem	Colsibro	0.471"	0.2818"	1.687"	2
REC 25	MGB 1800cc, 4 Cylinder Pinto Valves	Colsibro	0.564"	0.3182"	2.250"	2
REC 57	MGB 1800cc, 4 Cylinder 7mm Stem	Colsibro	0.564"	0.2818"	2.250"	2
REC 36	MGB / MGB V8	Colsibro				

Rover

Part No.	Application	Material	O/D	Stem Dia.	Length	Circlip Grooves
REC 36	Rover V8 SDI	Colsibro	0.5955	0.3425	1.896	N/A
REC 54	'K' Series	Colsibro	0.388	0.2362	1.25	N/A

Vauxhall

Part No.	Application	Material	O/D	Stem Dia.	Length	Circlip Grooves
REC 42	Astra, Belmont, Nova, Corsa, Cavalier 2 Valve Engine, 7.01mm Stems	Colsibro	0.435"	0.2776"	1.790"	2 REC 553 REC 648
REC 38	Astra / Cavalier 2000cc 2 Valve Engine, 7.00mm Stems	Colsibro	0.513"	0.2740"	1.654"	REC 441 REC 688
REC 39	Astra / Cavalier 2000cc (XE Engine) 4 Valve Engine, 7.00mm Stems	Colsibro	0.4350"	0.2740"	1.790"	REC 458/9 REC 442/3
REC 62	Astra / Cavalier 2000cc (XE Engine) 4 Valve Engine, 6.00mm Stems	Colsibro	0.4350"	0.2367"	1.790"	REC 661/2
REC 55	Ectotec 2000cc (Short) 4 Valve Engine, 6.00mm Stems	Colsibro	0.3960"	0.2367"	1.377"	N/A REC 815 REC 816
REC 56	Ectotec 1400cc, 1600cc, 2000cc (Long) 4 Valve Engine, 6.00mm Stems	Colsibro	0.3960"	0.2367"	1.775"	N/A

A-Series Engine

Valves Springs



Part No.	Application	Fitted	Spring Rate (Assembled)
REC 002	850cc/998cc/1098cc	1.300"	85 Lb/In.
REC 002	Cooper 'S' (Mk1) 1275cc Engine	1.300"	85 Lb/In.
REC 002	Cooper 'S' Mk2 12G940 Head Casting 6mm / 9/32" Stems	1.300"	85 Lb/In.

Ford

Part No.	Application	Fitted	Spring Rate (Assembled)
REC 004	Cortina / Capri / Escort / Fiesta Cross-Flow Engine		126 Lb/In.
REC 004	Cortina / Capri / Escort Pinto Engine		126 Lb/In.

Kawasaki

Part No.	Application	Fitted	Spring Rate (Assembled)
REC 006	ZXR900 / ZXR750	1.300"	60 Lb/In.

Vauxhall

Part No.	Application	Fitted	Spring Rate (Assembled)
REC 002	Astra / Nova / Corsa / Cavalier 4 Valve Engines, 6mm Stems	1.300"	85 Lb/In.

Technical Valve Spring Data

REC 002 (Outer Spring)	Free Length: 1.576"	Outer	1.100"
	Installed Height: 1.300"	Inner	0.816"
	Spring Rate: 58 Lb/In.		
REC 002 (Inner Spring)	Free Length: 1.425"	Outer	0.816"
	Installed Height: 1.300"	Inner	0.606"
	Spring Rate: 27 Lb/In.		
REC 004 (Outer Spring)	Free Length: 1.965"	Outer	1.210"
	Installed Height: 1.300"	Inner	0.926"
	Spring Rate: 82 Lb/In.		
REC 004 (Inner Spring)	Free Length: 1.514"	Outer	0.926"
	Installed Height: 1.300"	Inner	0.686"
	Spring Rate: 44 Lb/In.		
REC 006 (Single Spring)	Free Length: 1.562" / 39.69mm	Outer	0.879" / 22.33mm
	Installed Height: 1.300" / 33.02mm		
	Spring Rate: 60 Lb/In. / 266.9N		

Crankshafts

Sprite and Mini Forged EN40B Crankshafts



All our crankshafts are manufactured from EN40B Steel, which are forged in specially modieed dies to give a better forged crankshaft than was originally made. Some of the improvements such as the counter balance weights increased to give better engine harmonics. Other options available are: cross drilling, removal of primary gear slot and different flywheel drilling can also be done on request. Other slight modiecations such as the harmonic balancer. Keyway increased in length and lightening of the big ends. Various strokes can be achieved as at the forging stage extra material was added to the big ends, to allow strokes ranging from 76mm to 86.2mm.



GearBox Clusters



Sprite 'Dog' Gear Clusters

These replacement gearbox clusters fit into standard Sprite gearbox casings and come complete with the following parts:



REC 2000

4 speed (3 dog selection)

New Gearbox Mainshaft

New Layshaft

New Gears (1st to 4th)

New Specially Designed Quaff Dog's

New Reverse Idler Gear

New Gear Selectors



REC 2001

4 speed (4 dog selection)

New Gearbox Mainshaft

New Layshaft

New Gears (1st to 4th)

New Specially Designed Quaff Dog's

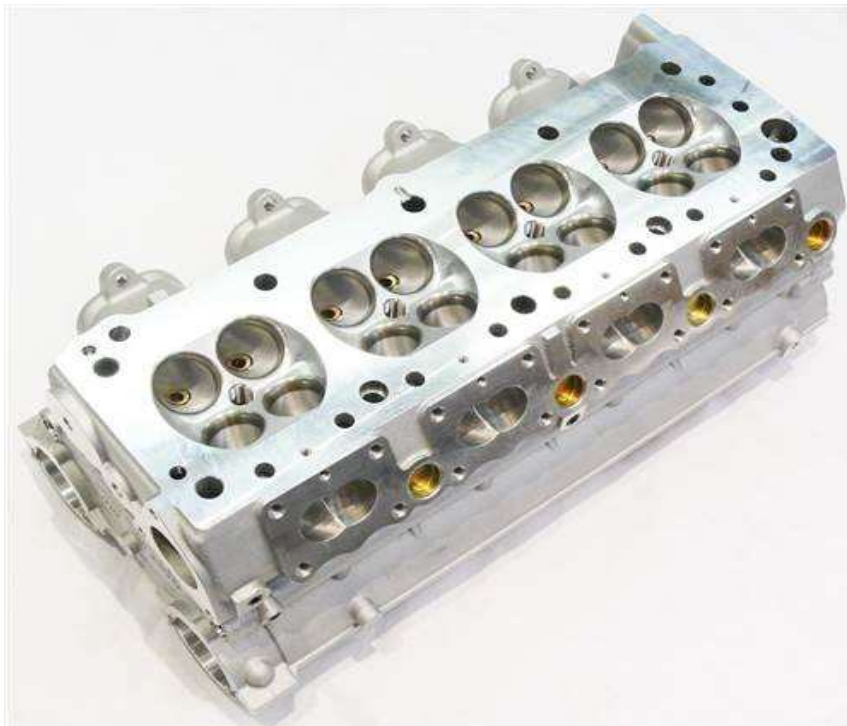
New Reverse Idler Gear

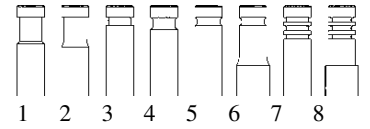
New Gear Selectors



Cylinder Heads

REC 2002 Genuine Cosworth Sierra YB (2 Wheel Drive) Cylinder Head





Quick Reference: Valve Dimensions

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 588	Single Groove - Type 5	1.4882	Null	0.748	3.361	0.1565
REC 588/1	Single Groove - Type 5	1.4882	Null	0.748	3.361	0.1565
REC 628	Single Groove - Type 5	1.4882	Null	0.748	3.361	0.1565
REC 628/1	Single Groove - Type 5	1.4882	Null	0.748	3.361	0.1565
REC 592	Single Groove - Type 5	1.4882	Stellite Tip	0.748	3.478	0.1560
REC 624	Single Groove - Type 5	1.4882	Stellite Tip	0.748	3.478	0.1560
REC 624/1	Single Groove - Type 5	1.4882	Stellite Tip	0.748	3.478	0.1560
REC 718	Single Groove - Type 5	1.4882	Stellite Tip	0.758	3.042	0.1770
REC 450	Single Groove - Type 5	1.4882	Stellite Tip	0.787	3.153	0.1953
REC 732	Single Groove - Type 5	1.4882	Stellite Tip	0.787	3.345	0.1560
REC 619	Single Groove - Type 5	1.4882	Null	0.822	3.453	0.1765
REC 621	Single Groove - Type 5	1.4882	Stellite Tip	0.825	3.435	0.1565
REC 626	Single Groove - Type 5	1.4882	Stellite Tip	0.825	3.435	0.1565
REC 591	Single Groove - Type 5	1.4882	Stellite Tip	0.864	3.470	0.1570
REC 623	Single Groove - Type 5	1.4882	Stellite Tip	0.864	3.470	0.1570
REC 623/1	Single Groove - Type 5	1.4882	Stellite Tip	0.864	3.470	0.1570
REC 604	Single Groove - Type 5	1.4882	Null	0.866	3.113	0.1570
REC 604/1	Single Groove - Type 5	1.4882	Null	0.866	3.128	0.1570
REC 736	Single Groove - Type 5	1.4882	Null	0.866	3.128	0.1570
REC 736/1	Single Groove - Type 5	1.4882	Null	0.866	3.128	0.1570
REC 587	Single Groove - Type 5	1.4882	Null	0.866	3.336	0.1570
REC 587/1	Single Groove - Type 5	1.4882	Null	0.866	3.336	0.1570
REC 627	Single Groove - Type 5	1.4882	Null	0.866	3.336	0.1570
REC 627/1	Single Groove - Type 5	1.4882	Null	0.866	3.336	0.1570
REC 804	Single Groove - Type 5	1.4882	Null	0.866	3.580	0.1560
REC 804/1	Single Groove - Type 5	1.4882	Null	0.866	3.580	0.1560
REC 812/1	Single Groove - Type 5	1.4882	Null	0.866	3.580	0.1560
REC 632	Single Groove - Type 5	1.4882	Null	0.866	3.636	0.1765
REC 756	Single Groove - Type 5	1.4882	Null	0.866	3.696	0.1565
REC 843	Single Groove - Type 5	1.4882	Null	0.866	3.800	0.1760
REC 871	Single Groove - Type 5	1.4882	Null	0.866	3.800	0.1760
REC 746	Single Groove - Type 5	1.4882	Null	0.866	3.835	0.1760
REC 350	Single Groove - Type 5	1.4882	Stellite Tip	0.866	3.895	0.1960
REC 349	Single Groove - Type 5	1.4882	Stellite Tip	0.866	3.966	0.1960
REC 731	Single Groove - Type 5	1.4882	Stellite Tip	0.883	3.323	0.1570
REC 717	Single Groove - Type 5	1.4882	Stellite Tip	0.885	3.042	0.1770
REC 685	Single Groove - Type 5	1.4882	Stellite Tip	0.886	3.772	0.2150
REC 449	Single Groove - Type 5	1.4882	Stellite Tip	0.887	3.208	0.1960
REC 810/1	Single Groove - Type 5	1.4882	Null	0.890	3.460	0.1565
REC 841/1	Single Groove - Type 5	1.4882	Null	0.890	3.520	0.1570
REC 658	Single Groove - Type 5	1.4882	Null	0.891	3.860	0.1570
REC 658/1	Single Groove - Type 5	1.4882	Null	0.891	3.860	0.1571
REC 512	Single Groove - Type 5	1.4882	Null	0.906	3.562	0.1768
REC 742	Single Groove - Type 5	1.4882	Null	0.906	3.568	0.1570
REC 583	Single Groove - Type 5	1.4882	Null	0.906	3.582	0.1765
REC 599	Single Groove - Type 5	1.4882	Null	0.906	3.582	0.1765

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 511	Single Groove - Type 5	1.4882	Null	0.906	3.616	0.1768
REC 741	Single Groove - Type 5	1.4882	Null	0.906	3.622	0.1571
REC 582	Single Groove - Type 5	1.4882	Null	0.906	3.635	0.1765
REC 598	Single Groove - Type 5	1.4882	Null	0.906	3.635	0.1765
REC 858	Single Groove - Type 5	1.4882	Null	0.905	3.696	0.1571
REC 876	Single Groove - Type 5	1.4882	Null	0.906	3.720	0.1765
REC 814	Single Groove - Type 5	1.4882	Null	0.906	3.495	0.1570
REC 838	Single Groove - Type 5	1.4882	Null	0.907	3.095	0.1570
REC 837	Single Groove - Type 5	1.4882	Null	0.907	3.152	0.1570
REC 760	Single Groove - Type 5	1.4882	Null	0.907	3.186	0.1570
REC 760/1	Single Groove - Type 5	1.4882	Null	0.907	3.186	0.1570
REC 683	Single Groove - Type 5	1.4882	Null	0.908	3.420	0.1770
REC 824	Single Groove - Type 5	1.4882	Null	0.925	3.431	0.1571
REC 824/1	Single Groove - Type 5	EN52	Null	0.925	3.431	0.1571
REC 823	Single Groove - Type 5	1.4882	Null	0.925	3.478	0.1571
REC 823/1	Single Groove - Type 5	EN52	Null	0.925	3.478	0.1571
REC 652	Single Groove - Type 5	1.4882	Null	0.925	3.570	0.1770
REC 651	Single Groove - Type 5	1.4882	Null	0.925	3.620	0.1770
REC 618	Single Groove - Type 5	1.4882	Null	0.938	4.442	0.1770
REC 474	Single Groove - Type 5	1.4882	Null	0.942	3.562	0.1768
REC 473	Single Groove - Type 5	1.4882	Null	0.942	3.616	0.1768
REC 807	Single Groove - Type 5	1.4882	Null	0.944	3.622	0.1570
REC 800	Single Groove - Type 5	1.4882	Null	0.944	3.756	0.1560
REC 800/1	Single Groove - Type 5	1.4882	Null	0.944	3.756	0.1560
REC 802	Single Groove - Type 5	1.4882	Null	0.944	3.756	0.1560
REC 802/1	Single Groove - Type 5	1.4882	Null	0.944	3.756	0.1560
REC 862	Single Groove - Type 5	1.4882	Null	0.944	3.761	0.1760
REC 862/1	Single Groove - Type 5	1.4882	Null	0.944	3.761	0.1760
REC 351	Single Groove - Type 5	1.4882	Stellite Tip	0.944	3.878	0.1960
REC 620	Single Groove - Type 5	1.4882	Stellite Tip	0.945	3.435	0.1570
REC 625	Single Groove - Type 5	1.4882	Stellite Tip	0.945	3.435	0.1570
REC 655	Single Groove - Type 5	1.4882	Null	0.945	3.570	0.1770
REC 654	Single Groove - Type 5	1.4882	Null	0.945	3.620	0.1770
REC 953	Single Groove - Type 5	1.4882	Null	0.945	3.642	0.2156
REC 854	Single Groove - Type 5	1.4882	Null	0.945	3.760	0.1565
REC 701	Single Groove - Type 5	1.4882	Null	0.946	3.798	0.1760
REC 643	Single Groove - Type 5	1.4882	Stellite Tip	0.946	3.810	0.1760
REC 681	Single Groove - Type 5	1.4882	Null	0.947	3.420	0.1770
REC 845	Single Groove - Type 5	1.4882	Null	0.947	3.451	0.1765
REC 677	Single Groove - Type 5	1.4882	Null	0.950	3.545	0.2350
REC 677/1	Single Groove - Type 5	1.4882	Null	0.950	3.545	0.2350
REC 584	Single Groove - Type 5	1.4882	Null	0.963	3.572	0.1765
REC 600	Single Groove - Type 5	1.4882	Null	0.963	3.572	0.1765
REC 743	Single Groove - Type 5	1.4882	Null	0.964	3.510	0.1571
REC 839	Single Groove - Type 5	1.4882	Null	0.965	3.066	0.1768
REC 636	Single Groove - Type 5	1.4882	Null	0.965	3.526	0.1768
REC 510	Single Groove - Type 5	1.4882	Null	0.965	3.576	0.1768
REC 634	Single Groove - Type 5	1.4882	Null	0.966	3.709	0.1765
REC 630	Single Groove - Type 5	1.4882	Null	0.966	3.721	0.1765
REC 755	Single Groove - Type 5	1.4882	Null	0.982	3.712	0.1570
REC 897	Single Groove - Type 5	1.4882	Null	0.984	3.114	0.1765
REC 325	Single Groove - Type 5	1.4882	Null	0.984	3.385	0.2150

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 647	Single Groove - Type 5	1.4882	Null	0.984	3.433	0.1952
REC 825	Single Groove - Type 5	1.4882	Null	0.984	3.449	0.1762
REC 653	Single Groove - Type 5	1.4882	Null	0.984	3.550	0.1765
REC 877	Single Groove - Type 5	1.4882	Null	0.984	3.567	0.1762
REC 551	Single Groove - Type 5	1.4882	Null	0.984	3.628	0.1760
REC 709	Single Groove - Type 5	1.4882	Null	0.984	3.725	0.1760
REC 919	Single Groove - Type 5	1.4882	Null	0.984	3.756	0.1560
REC 730	Single Groove - Type 5	1.4882	Stellite Tip	0.984	3.798	0.1760
REC 881	Triple Groove - Type 7	1.4882	Stellite Tip	0.984	3.994	0.2345
REC 687	Single Groove - Type 5	1.4882	Stellite Tip	0.985	3.812	0.1760
REC 620/1	Single Groove - Type 5	1.4882	Stellite Tip	0.994	3.435	0.1570
REC 864	Single Groove - Type 5	1.4882	Stellite Tip	0.994	3.435	0.1570
REC 808	Triple Groove - Type 7	1.4882	Stellite Tip	0.994	4.636	0.2340
REC 830	Triple Groove - Type 7	1.4882	Stellite Tip	0.994	4.636	0.2340
REC 934	Single Groove - Type 5	1.4882	Stellite Tip	0.994	4.636	0.2340
REC 935	Single Groove - Type 5	1.4882	Stellite Tip	0.994	4.636	0.2340
REC 808/1	Triple Groove - Type 7	1.4882	Stellite Tip	0.994	4.636	0.2355
REC 830/1	Triple Groove - Type 7	1.4882	Stellite Tip	0.994	4.636	0.2355
REC 233	Single Groove - Type 5	214N	Null	0.998	3.980	0.2790
REC 229	Single Groove - Type 5	214N	Null	1.000	3.920	0.2800
REC 941	Single Groove - Type 5	EN52	Barrel Harden	1.002	3.819	0.2355
REC 603	Single Groove - Type 5	1.4882	Null	1.004	3.107	0.1570
REC 603/1	Single Groove - Type 5	1.4882	Null	1.004	3.122	0.1570
REC 603/2	Single Groove - Type 5	1.4882	Null	1.004	3.122	0.1570
REC 735	Single Groove - Type 5	1.4882	Null	1.004	3.122	0.1570
REC 735/1	Single Groove - Type 5	1.4882	Null	1.004	3.122	0.1570
REC 326	Single Groove - Type 5	1.4882	Stellite Tip	1.004	3.385	0.2150
REC 883	Single Groove - Type 5	1.4882	Null	1.004	3.390	0.1768
REC 656	Single Groove - Type 5	1.4882	Null	1.004	3.550	0.1768
REC 475	Single Groove - Type 5	1.4882	Stellite Tip	1.004	3.576	0.1768
REC 834	Single Groove - Type 5	1.4882	Null	1.004	4.110	0.2355
REC 834/1	Single Groove - Type 5	1.4882	Null	1.004	4.110	0.2355
SV300-50	Single Groove - Type 5	214N	Stellite Tip	1.005	3.445	0.2790
REC 420	Single Groove - Type 5	1.4882	Null	1.010	3.526	0.1760
REC 469	Single Groove - Type 5	Nimonic 80A	Null	1.020	4.095	0.2746
REC 867	Single Groove - Type 5	1.4882	Null	1.022	3.222	0.1960
REC 488	Single Groove - Type 5	1.4882	Harden Tip	1.023	3.346	0.1955
REC 488/1	Single Groove - Type 5	1.4882	Harden Tip	1.023	3.346	0.1955
REC 740	Single Groove - Type 5	1.4882	Null	1.023	3.543	0.2350
REC 740/1	Single Groove - Type 5	1.4882	Null	1.023	3.543	0.2350
REC 857	Single Groove - Type 5	1.4882	Null	1.023	3.712	0.1571
REC 692	Single Groove - Type 5	1.4882	Null	1.024	3.432	0.1952
REC 692/1	Single Groove - Type 5	1.4882	Null	1.024	3.432	0.1952
REC 631	Single Groove - Type 5	1.4882	Null	1.024	3.624	0.1770
REC 532	Single Groove - Type 5	1.4882	Null	1.024	3.682	0.2155
REC 903	Single Groove - Type 5	1.4882	Null	1.024	3.868	0.2346
REC 903/1	Single Groove - Type 5	1.4882	Null	1.024	3.868	0.2346
REC 903/2	Single Groove - Type 5	1.4882	Null	1.024	3.868	0.2346
REC 943	Triple Groove - Type 8	Nimonic 80A	Null	1.024	4.335	0.1958
REC 943/1	Single Groove - Type 5	Nimonic 80A	Null	1.024	4.335	0.1958
REC 929	Single Groove - Type 5	1.4882	Null	1.032	4.146	0.2352
REC 407/1	Single Groove - Type 5	214N	Harden Tip	1.039	3.494	0.2745

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 745	Single Groove - Type 5	1.4882	Null	1.042	3.788	0.1770
REC 759	Single Groove - Type 5	1.4882	Null	1.043	3.462	0.1570
REC 759/1	Single Groove - Type 5	1.4882	Null	1.043	3.462	0.1570
REC 122	Single Groove - Type 5	214N	Stellite Tip	1.060	3.450	0.2800
REC 888	Single Groove - Type 5	1.4882	Null	1.060	3.470	0.1960
REC 693	Single Groove - Type 5	1.4882	Null	1.060	3.500	0.1960
REC 617	Single Groove - Type 5	1.4882	Harden Tip	1.062	3.346	0.1955
SV300-51	Single Groove - Type 5	214N	Stellite Tip	1.062	3.445	0.2790
REC 770	Single Groove - Type 5	1.4882	Null	1.062	3.632	0.1954
REC 884	Single Groove - Type 5	1.4882	Null	1.063	3.390	0.1760
REC 672	Single Groove - Type 5	1.4882	Stellite Tip	1.063	3.898	0.2350
REC 516	Single Groove - Type 5	214N/1.3343	Harden Tip	1.063	3.996	0.2355
REC 809/1	Single Groove - Type 5	1.4882	Null	1.064	3.407	0.1570
REC 875	Single Groove - Type 5	1.4882	Null	1.064	3.704	0.1765
REC 645	Single Groove - Type 5	1.4882	Null	1.064	3.718	0.1760
REC 797	Single Groove - Type 5	1.4882	Null	1.064	3.806	0.1571
REC 657	Single Groove - Type 5	1.4882	Null	1.064	3.814	0.1570
REC 657/1	Single Groove - Type 5	1.4882	Null	1.064	3.814	0.1571
REC 657K	Single Groove - Type 5	1.4882	Null	1.064	3.814	0.1571
REC 642	Single Groove - Type 5	1.4882	Stellite Tip	1.065	3.800	0.1765
REC 733	Single Groove - Type 5	1.4882	Stellite Tip	1.065	4.080	0.2160
REC 842	Single Groove - Type 5	EN52	Null	1.067	3.768	0.1765
REC 870	Single Groove - Type 5	1.4882	Null	1.067	3.768	0.1765
REC 130	Single Groove - Type 5	214N	Stellite Tip	1.070	3.438	0.2803
REC 803	Single Groove - Type 5	1.4882	Null	1.070	3.548	0.1570
REC 803/1	Single Groove - Type 5	1.4882	Null	1.070	3.548	0.1570
REC 811/1	Single Groove - Type 5	1.4882	Null	1.070	3.548	0.1570
REC 231	Single Groove - Type 5	214N	Null	1.070	3.927	0.2800
REC 235	Single Groove - Type 5	214N	Null	1.070	3.970	0.2800
REC 931	Single Groove - Type 5	1.4882	Null	1.071	4.146	0.2352
REC 758	Single Groove - Type 5	1.4882	Null	1.079	3.543	0.2350
REC 758/1	Single Groove - Type 5	1.4882	Null	1.079	3.543	0.2350
REC 813	Single Groove - Type 5	1.4882	Null	1.080	3.495	0.1570
REC 662	Triple Groove - Type 7	1.4882	Null	1.080	4.022	0.2345
REC 682	Single Groove - Type 5	1.4882	Null	1.082	3.420	0.1770
REC 684	Single Groove - Type 5	1.4882	Stellite Tip	1.082	3.772	0.2155
REC 840/1	Single Groove - Type 5	1.4882	Null	1.083	3.460	0.1570
REC 818	Single Groove - Type 5	1.4882	Null	1.083	3.738	0.1960
REC 818/1	Single Groove - Type 5	1.4882	Null	1.083	3.738	0.1960
REC 676	Single Groove - Type 5	1.4882	Stellite Tip	1.092	3.528	0.2350
SV300-1	Single Groove - Type 5	214N	Stellite Tip	1.095	3.437	0.2796
REC 635	Single Groove - Type 5	1.4882	Null	1.102	3.532	0.1765
REC 407	Long Groove - Type 2	214N	Stellite Tip	1.102	3.543	0.2745
REC 772	Single Groove - Type 5	1.4882	Null	1.102	3.632	0.1954
REC 341	Single Groove - Type 5	214N	Stellite Tip	1.102	3.838	0.2750
REC 503	Single Groove - Type 5	214N	Stellite Tip	1.102	3.872	0.2740
REC 690	Single Groove - Type 5	1.4882	Stellite Tip	1.102	3.878	0.2150
REC 927	Single Groove - Type 5	1.4882	Null	1.102	4.012	0.2352
REC 537	Single Groove - Type 5	214N	Stellite Tip	1.102	4.346	0.2740
REC 722	Single Groove - Type 5	1.4882	Null	1.103	3.718	0.1760
REC 699	Single Groove - Type 5	1.4882	Stellite Tip	1.106	4.090	0.2350
REC 852	Single Groove - Type 5	1.4882	Null	1.114	3.870	0.1957

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 323	Single Groove - Type 5	1.4882	Stellite Tip	1.120	3.406	0.2158
REC 664	Triple Groove - Type 7	1.4882	Nil	1.120	4.022	0.2345
REC 680	Single Groove - Type 5	1.4882	Nil	1.121	3.420	0.1770
REC 646	Single Groove - Type 5	1.4882	Nil	1.122	3.458	0.1960
REC 418	Single Groove - Type 5	1.4882	Nil	1.122	3.532	0.1765
REC 783	Single Groove - Type 5	1.4882	Nil	1.122	3.543	0.2350
REC 783/1	Single Groove - Type 5	1.4882	Nil	1.122	3.543	0.2350
REC 952	Single Groove - Type 5	1.4882	Nil	1.122	3.675	0.2158
REC 820	Single Groove - Type 5	1.4882	Nil	1.122	3.738	0.1960
REC 820/1	Single Groove - Type 5	1.4882	Nil	1.122	3.738	0.1960
REC 748	Single Groove - Type 5	214N	Stellite Tip	1.125	3.248	0.2795
REC 848	Single Groove - Type 5	1.4882	Nil	1.125	3.558	0.1762
REC 328	Single Groove - Type 5	214N	Stellite Tip	1.125	4.375	0.2798
REC 602	Triple Groove - Type 7	214N	Nil	1.132	4.266	0.2745
REC 940	Single Groove - Type 5	1.4882	Nil	1.134	4.819	0.1764
REC 404	Triple Groove - Type 7	214N	Stellite Tip	1.138	3.937	0.3120
REC 468	Single Groove - Type 5	214N	Nil	1.138	3.998	0.2746
REC 303	Single Groove - Type 5	214N	Stellite Tip	1.140	4.134	0.2750
REC 749	Single Groove - Type 5	1.4882	Nil	1.140	4.298	0.2155
REC 324	Single Groove - Type 5	1.4882	Stellite Tip	1.141	3.406	0.2158
REC 844	Single Groove - Type 5	1.4882	Nil	1.141	3.428	0.1770
REC 700	Single Groove - Type 5	1.4882	Nil	1.141	3.786	0.1770
REC 322	Long Groove - Type 2	214N	Stellite Tip	1.141	3.800	0.2746
REC 686	Single Groove - Type 5	1.4882	Stellite Tip	1.141	3.812	0.1765
REC 778	Single Groove - Type 5	1.4882	Nil	1.141	4.132	0.2350
REC 459	Triple Groove - Type 8	214N	Nil	1.141	4.132	0.2740
REC 459S	Triple Groove - Type 8	214N	Nil	1.141	4.132	0.2740
REC 638	Single Groove - Type 5	1.4882	Nil	1.142	3.353	0.1765
REC 419	Single Groove - Type 5	1.4882	Nil	1.142	3.532	0.1765
REC 419SS	Single Groove - Type 5	1.4882	Stellite Tip	1.142	3.532	0.1765
REC 550	Single Groove - Type 5	1.4882	Nil	1.142	3.630	0.1765
REC 633	Single Groove - Type 5	1.4882	Nil	1.142	3.688	0.1765
REC 633SS	Single Groove - Type 5	1.4882	Stellite Tip	1.142	3.688	0.1765
REC 629	Single Groove - Type 5	1.4882	Nil	1.142	3.700	0.1765
REC 708	Single Groove - Type 5	1.4882	Nil	1.142	3.709	0.1765
REC 853	Single Groove - Type 5	1.4882	Nil	1.142	3.740	0.1570
REC 801	Single Groove - Type 5	1.4882	Nil	1.142	3.756	0.1565
REC 801/1	Single Groove - Type 5	1.4882	Nil	1.142	3.756	0.1565
REC 799	Single Groove - Type 5	1.4882	Nil	1.142	3.756	0.1565
REC 799/1	Single Groove - Type 5	1.4882	Nil	1.142	3.756	0.1565
REC 921	Triple Groove - Type 7	214N	Nil	1.142	3.843	0.2375
REC 238	Single Groove - Type 5	214N	Nil	1.142	3.980	0.2790
REC 580	Single Groove - Type 5	214N	Stellite Tip	1.142	3.838	0.2750
REC 923	Triple Groove - Type 7	214N	Nil	1.142	4.020	0.2375
REC 715	Single Groove - Type 6	214N	Stellite Tip	1.142	4.227	0.2375
REC 726	Single Groove - Type 5	214N	Nil	1.142	4.634	0.2349
REC 102	Single Groove - Type 5	214N	Stellite Tip	1.145	3.450	0.2800
REC 106	Single Groove - Type 5	214N	Stellite Tip	1.150	3.570	0.2793
REC 128	Single Groove - Type 5	214N	Stellite Tip	1.150	3.570	0.2793
REC 299	Long Groove - Type 1	214N	Stellite Tip	1.150	3.930	0.3140
SV300-52	Single Groove - Type 5	214N	Stellite Tip	1.153	3.592	0.2790
REC 942	Triple Groove - Type 8	1.4882	Nil	1.154	4.161	0.1960

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 942/1	Single Groove - Type 5	1.4882	Null	1.154	4.161	0.1960
SV300-2	Single Groove - Type 5	214N	Stellite Tip	1.157	3.437	0.2796
REC 123	Single Groove - Type 5	214N	Stellite Tip	1.160	3.592	0.2790
REC 395	Single Groove - Type 5	214N	Null	1.160	4.615	0.2790
REC 739	Single Groove - Type 5	1.4882	Null	1.161	3.528	0.2350
REC 865	Single Groove - Type 5	1.4882	Null	1.161	3.756	0.1565
REC 833	Single Groove - Type 5	1.4882	Null	1.161	4.110	0.2355
REC 744	Single Groove - Type 5	1.4882	Stellite Tip	1.180	3.786	0.1770
REC 487	Single Groove - Type 5	1.4882	Harden Tip	1.181	3.374	0.1960
REC 487/1	Single Groove - Type 5	1.4882	Harden Tip	1.181	3.374	0.1960
REC 329	Single Groove - Type 5	1.4882	Stellite Tip	1.181	3.410	0.2155
REC 691	Single Groove - Type 5	1.4882	Null	1.181	3.458	0.1960
REC 483	Long Groove - Type 1	214N	Stellite Tip	1.181	3.543	0.2750
REC 133	Single Groove - Type 5	214N	Stellite Tip	1.181	3.570	0.2798
REC 531	Single Groove - Type 5	1.4882	Null	1.181	3.705	0.2160
REC 719	Single Groove - Type 5	1.4882	Null	1.181	3.709	0.1765
REC 784	Single Groove - Type 6	214N/1.3343	Harden Tip	1.181	3.740	0.3140
REC 497	Single Groove - Type 5	214N/1.3343	Harden Tip	1.181	3.740	0.3140
REC 784/1	Single Groove - Type 6	214N/1.3343	Harden Tip	1.181	3.760	0.3140
REC 863	Single Groove - Type 5	1.4882	Null	1.181	3.756	0.1565
REC 902	Single Groove - Type 5	1.4882	Null	1.181	3.782	0.2350
REC 902/1	Single Groove - Type 5	1.4882	Null	1.181	3.782	0.2350
REC 902/2	Single Groove - Type 5	1.4882	Null	1.181	3.782	0.2350
REC 697	Single Groove - Type 6	1.4882	Null	1.181	3.808	0.2375
REC 507	Single Groove - Type 5	1.4882	Stellite Tip	1.181	3.858	0.2355
REC 453	Single Groove - Type 5	1.4882	Stellite Tip	1.181	3.946	0.2355
REC 611	Single Groove - Type 6	214N	Stellite Tip	1.181	4.027	0.2740
REC 850	Single Groove - Type 5	1.4882	Null	1.181	4.120	0.2155
REC 850N	Single Groove - Type 5	1.4882	Null	1.181	4.120	0.2155
REC 932	Single Groove - Type 5	1.4882	Null	1.181	4.120	0.2155
REC 780	Single Groove - Type 5	1.4882	Null	1.181	4.132	0.2350
REC 443	Triple Groove - Type 8	214N	Null	1.181	4.171	0.2740
REC 443S	Triple Groove - Type 8	214N	Null	1.181	4.171	0.2740
REC 443N	Triple Groove - Type 8	Nimonic	Null	1.181	4.171	0.2740
REC 609/1	Single Groove - Type 6	214N	Stellite Tip	1.181	4.188	0.2750
REC 869	Triple Groove - Type 8	Nimonic EN52	Barrel Harden	1.181	4.203	0.2343
REC 947	Single Groove - Type 5	1.4882/EN52	Barrel Harden	1.181	4.278	0.2155
REC 679	Triple Groove - Type 8	214N	Null	1.181	4.394	0.2763
REC 827	Single Groove - Type 5	1.4882	Null	1.181	4.559	0.1961
REC 861/1	Single Groove - Type 5	1.4882	Null	1.182	3.752	0.1765
REC 640	Single Groove - Type 5	1.4882/EN52	Harden Tip	1.182	3.963	0.2360
REC 668	Triple Groove - Type 7	214N	Stellite Tip	1.183	3.660	0.2745
REC 705	Triple Groove - Type 7	214N	Stellite Tip	1.183	3.660	0.2745
REC 766	Single Groove - Type 5	1.4882	Null	1.184	4.615	0.2790
REC 816	Triple Groove - Type 8	1.4882	Null	1.189	3.632	0.2350
REC 816SS	Triple Groove - Type 8	1.4882	Null	1.189	3.632	0.2350
REC 816N	Triple Groove - Type 8	Nimonic	Null	1.189	3.632	0.2350
REC 337	Single Groove - Type 5	214N	Stellite Tip	1.200	3.525	0.2588
REC 132	Single Groove - Type 5	214N	Stellite Tip	1.200	3.570	0.2803
REC 637	Single Groove - Type 5	214N	Stellite Tip	1.200	3.667	0.3115
REC 476	Single Groove - Type 5	214N	Null	1.200	4.585	0.2790
REC 476N	Single Groove - Type 5	Nimonic 80A	Null	1.200	4.585	0.2790

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 660	Single Groove - Type 5	214N	Null	1.200	4.905	0.2790
REC 318	Single Groove - Type 5	214N	Stellite Tip	1.201	5.039	0.3120
REC 257	Single Groove - Type 5	214N	Null	1.203	3.945	0.2790
REC 440	Single Groove - Type 5	214N	Stellite Tip	1.213	3.969	0.2750
REC 601	Triple Groove - Type 8	EN52	Null	1.214	4.232	0.2755
38418	Triple Groove - Type 7	214N	Stellite Tip	1.215	3.584	0.3138
SV300-53	Single Groove - Type 5	214N	Stellite Tip	1.215	3.592	0.2790
REC 896	Single Groove - Type 5	EN52	Null	1.220	3.107	0.1765
REC 866	Single Groove - Type 5	1.4882	Null	1.220	3.272	0.1960
REC 616	Single Groove - Type 5	1.4882	Harden Tip	1.220	3.374	0.1960
SV300-3	Single Groove - Type 5	214N	Stellite Tip	1.220	3.437	0.2796
REC 129	Single Groove - Type 5	214N	Stellite Tip	1.220	3.438	0.2803
REC 104	Single Groove - Type 5	214N	Stellite Tip	1.220	3.525	0.2800
REC 136/1	Single Groove - Type 5	214N	Stellite Tip	1.220	3.570	0.2347
REC 127	Single Groove - Type 5	214N	Stellite Tip	1.220	3.570	0.2798
REC 107	Single Groove - Type 5	214N	Stellite Tip	1.220	3.570	0.2798
REC 377	Long Groove - Type 1	214N	Stellite Tip	1.220	3.583	0.2953
REC 124	Single Groove - Type 5	214N	Stellite Tip	1.220	3.592	0.2790
REC 484	Long Groove - Type 1	214N	Stellite Tip	1.220	3.543	0.2750
REC 671	Single Groove - Type 5	1.4882/EN52	Harden Tip	1.220	3.898	0.2350
REC 228	Single Groove - Type 5	214N	Null	1.220	3.920	0.2800
REC 534	Single Groove - Type 6	214N	Stellite Tip	1.220	3.939	0.2740
REC 301	Long Groove - Type 1	214N	Stellite Tip	1.220	3.940	0.2760
REC 333	Single Groove - Type 5	214N	Stellite Tip	1.220	3.950	0.2590
REC 232	Single Groove - Type 5	214N	Null	1.220	3.980	0.2798
REC 661	Single Groove - Type 5	1.4882	Null	1.220	4.058	0.2350
REC 379	Single Groove - Type 5	214N	Stellite Tip	1.220	4.106	0.2590
REC 836	Single Groove - Type 5	1.4882	Null	1.220	4.120	0.2155
REC 928	Single Groove - Type 5	EN52	Null	1.220	4.146	0.2355
REC 782	Single Groove - Type 5	1.4882	Null	1.220	4.132	0.2350
REC 590	Triple Groove - Type 8	214N	Null	1.220	4.151	0.2740
REC 607/1	Single Groove - Type 6	214N	Stellite Tip	1.220	4.188	0.2750
REC 948	Single Groove - Type 5	1.4882/EN52	Barrel Harden	1.220	4.278	0.2155
REC 1734	Long Groove - Type 2	214N	Stellite Tip	1.220	4.404	0.3154
REC 895	Single Groove - Type 5	1.4882	Null	1.221	3.557	0.1960
REC 594/1	Single Groove - Type 6	214N	Stellite Tip	1.221	4.184	0.2750
REC 644	Single Groove - Type 5	1.4882	Null	1.222	3.728	0.1765
REC 879	Single Groove - Type 5	1.4882	Null	1.222	4.632	0.2790
REC 305	Single Groove - Type 5	214N	Stellite Tip	1.224	4.134	0.2750
REC 754	Single Groove - Type 6	214N	Null	1.225	4.166	0.3140
REC 754N	Single Groove - Type 6	214N	Null	1.225	4.166	0.3140
REC 892	Single Groove - Type 5	214N	Stellite Tip	1.225	4.530	0.2800
REC 348/1	Single Groove - Type 5	214N	Null	1.225	4.755	0.2790
REC 828	Triple Groove - Type 7	1.4882	Stellite Tip	1.230	4.303	0.2340
REC 933	Single Groove - Type 6	1.4882	Stellite Tip	1.230	4.303	0.2340
REC 411	Single Groove - Type 5	214N	Harden Tip	1.232	3.760	0.3140
REC 796	Single Groove - Type 5	1.4882	Null	1.232	4.146	0.2355
REC 910	Single Groove - Type 5	1.4882	Null	1.232	4.201	0.2355
REC 887	Single Groove - Type 5	1.4882	Null	1.236	3.470	0.1960
REC 605	Single Groove - Type 5	1.4882	Null	1.236	3.500	0.1960
REC 342	Single Groove - Type 5	1.4882	Stellite Tip	1.240	3.406	0.2158
REC 757	Single Groove - Type 5	1.4882	Null	1.240	3.528	0.2350

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 137/1	Single Groove - Type 5	214N	Stellite Tip	1.240	3.570	0.2347
REC 880	Triple Groove - Type 7	1.4882	Stellite Tip	1.240	3.898	0.2350
REC 915	Single Groove - Type 5	1.4882	Null	1.240	4.110	0.2355
REC 409	Single Groove - Type 5	214N	Stellite Tip	1.240	4.449	0.3150
REC 905	Triple Groove - Type 8	214N	Null	1.240	4.500	0.274
REC 523	Long Groove - Type 2	214N	Null	1.245	4.404	0.3154
REC 448	Single Groove - Type 5	214N	Stellite Tip	1.248	4.096	0.2800
SV300-54	Single Groove - Type 5	214N	Stellite Tip	1.250	3.592	0.2790
REC 282	Single Groove - Type 5	214N	Stellite Tip	1.250	3.953	0.2800
SV300-4	Single Groove - Type 5	214N	Stellite Tip	1.252	3.437	0.2796
REC 406/1	Single Groove - Type 5	214N	Harden Tip	1.252	3.543	0.2750
REC 907	Single Groove - Type 5	1.4882	Null	1.252	4.611	0.2790
REC 762	Single Groove - Type 5	1.4882	Null	1.252	4.646	0.2790
REC 445	Single Groove - Type 5	214N	Stellite Tip	1.253	3.969	0.2750
REC 641	Single Groove - Type 5	1.4882	Harden Tip	1.258	3.652	0.2355
REC 486	Single Groove - Type 5	214N	Stellite Tip	1.259	3.504	0.2750
REC 138/1	Single Groove - Type 5	214N	Stellite Tip	1.259	3.570	0.2347
REC 707	Triple Groove - Type 7	214N	Stellite Tip	1.259	3.660	0.2745
REC 502	Single Groove - Type 5	214N	Stellite Tip	1.259	3.760	0.2750
REC 405	Triple Groove - Type 7	214N	Stellite Tip	1.259	3.937	0.3120
REC 536	Single Groove - Type 5	214N	Stellite Tip	1.259	4.326	0.2750
REC 472	Single Groove - Type 5	214N	Null	1.259	4.496	0.3115
REC 353	Square Groove - Type 3	214N	Stellite Tip	1.259	4.715	0.2740
REC 108	Single Groove - Type 5	214N	Stellite Tip	1.260	3.570	0.2798
REC 668/1	Triple Groove - Type 7	214N	Stellite Tip	1.260	3.660	0.2745
REC 675	Single Groove - Type 5	214N	Stellite Tip	1.260	3.697	0.3115
REC 785	Single Groove - Type 6	214N	Harden Tip	1.260	3.740	0.3140
REC 785/1	Single Groove - Type 6	214N/1.3343	Harden Tip	1.260	3.740	0.3140
REC 663	Single Groove - Type 5	1.4882	Null	1.260	4.058	0.2350
REC 314	Long Groove - Type 2	214N	Stellite Tip	1.260	4.078	0.3135
REC 918	Single Groove - Type 5	1.4882	Null	1.260	4.120	0.2155
REC 648	Single Groove - Type 5	214N	Stellite Tip	1.260	4.134	0.2750
REC 930	Single Groove - Type 5	EN52	Null	1.260	4.146	0.2355
REC 714	Single Groove - Type 6	214N	Stellite Tip	1.260	4.184	0.2750
REC 703/1	Single Groove - Type 6	214N	Stellite Tip	1.260	4.188	0.2750
REC 556	Single Groove - Type 5	214N	Null	1.260	4.755	0.2790
REC 556/N	Single Groove - Type 5	Nimonic 80A	Null	1.260	4.755	0.2790
REC 463	Single Groove - Type 5	214N	Null	1.260	5.140	0.2810
REC 721	Single Groove - Type 5	1.4882	Null	1.261	3.728	0.1765
REC 769	Single Groove - Type 5	1.4882	Null	1.262	3.630	0.1960
REC 908	Single Groove - Type 5	1.4882	Null	1.270	4.110	0.2355
REC 860	Triple Groove - Type 7	214N	Stellite Tip	1.270	4.364	0.2745
REC 787	Single Groove - Type 5	214N/1.3343	Harden Tip	1.275	3.700	0.3140
REC 822	Single Groove - Type 5	214N/1.3343	Harden Tip	1.275	3.760	0.3140
REC 822/1	Single Groove - Type 5	214N/1.3343	Harden Tip	1.275	3.760	0.3140
REC 230	Single Groove - Type 5	214N	Null	1.275	3.925	0.2795
REC 263	Single Groove - Type 5	214N	Null	1.275	3.975	0.2795
REC 253	Single Groove - Type 5	214N	Stellite Tip	1.275	4.450	0.2800
REC 253/1	Single Groove - Type 5	214N	Stellite Tip	1.275	4.450	0.2800
REC 514	Triple Groove - Type 7	214N	Null	1.278	4.028	0.2738
REC 734	Single Groove - Type 5	214N	Null	1.280	3.510	0.1960
REC 767	Single Groove - Type 5	1.4882	Null	1.280	3.528	0.2350

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 545	Single Groove - Type 5	1.4882	Stellite Tip	1.280	3.946	0.2355
REC 515	Single Groove - Type 5	214N	Harden Tip	1.280	3.996	0.2355
REC 140	Single Groove - Type 5	214N	Stellite Tip	1.281	4.365	0.3423
REC 710	Single Groove - Type 5	1.4882	Stellite Tip	1.299	3.406	0.2158
REC 375	Long Groove - Type 1	214N	Stellite Tip	1.299	3.606	0.2952
REC 774	Single Groove - Type 5	1.4882	Harden Tip	1.299	3.652	0.2355
38552	Long Groove - Type 2	214N	Stellite Tip	1.299	3.780	0.2745
REC 926	Single Groove - Type 5	EN52	Null	1.299	4.010	0.2355
REC 777	Single Groove - Type 5	1.4882	Null	1.299	4.132	0.2350
REC 458	Triple Groove - Type 8	214N	Null	1.299	4.132	0.2742
REC 738	Single Groove - Type 6	214N	Stellite Tip	1.299	4.188	0.2750
REC 729	Single Groove - Type 6	214N	Stellite Tip	1.299	4.223	0.2750
REC 549	Single Groove - Type 5	214N	Stellite Tip	1.299	4.600	0.2800
REC 945	Single Groove - Type 3	214N	Stellite Tip	1.299	4.618	0.3142
REC 725	Single Groove - Type 5	1.4882	Null	1.299	4.634	0.2351
REC 899N	Single Groove - Type 5	Nimonic	Null	1.299	4.657	0.2790
REC 280	Single Groove - Type 5	214N	Stellite Tip	1.300	3.953	0.2800
REC 847	Single Groove - Type 5	1.4882	Null	1.300	3.953	0.1765
REC 669	Single Groove - Type 4	1.4882	Stellite Tip	1.300	4.035	0.2160
REC 723	Single Groove - Type 5	214N	Stellite Tip	1.300	4.096	0.2800
REC 302	Single Groove - Type 5	214N	Stellite Tip	1.300	4.134	0.2760
REC 530	Single Groove - Type 5	214N	Null	1.300	4.755	0.2790
REC 817	Single Groove - Type 5	1.4882	Null	1.301	3.738	0.1965
REC 771	Single Groove - Type 5	1.4882	Null	1.302	3.630	0.1960
REC 776	Triple Groove - Type 7	214N	Null	1.305	3.575	0.3130
REC 373	Triple Groove - Type 8	214N	Stellite Tip	1.305	3.840	0.3140
REC 535	Single Groove - Type 5	214N	Stellite Tip	1.305	4.437	0.3108
REC 406	Long Groove - Type 2	214N	Stellite Tip	1.310	3.543	0.2750
REC 126	Single Groove - Type 5	214N	Stellite Tip	1.310	3.570	0.2800
REC 543	Triple Groove - Type 7	Nimonic/EN52	Barrel Harden	1.311	3.890	0.3130
REC 121	Single Groove - Type 5	EN52	Harden Tip	1.312	3.437	0.2800
REC 421	Single Groove - Type 5	214N	Stellite Tip	1.312	3.620	0.2750
REC 417	Single Groove - Type 5	214N	Stellite Tip	1.315	3.520	0.2745
SV300-6	Single Groove - Type 5	214N	Stellite Tip	1.315	3.582	0.2796
REC 768	Single Groove - Type 5	1.4882	Null	1.319	3.528	0.2350
REC 696	Single Groove - Type 6	1.4882	Null	1.319	3.824	0.2380
REC 851	Single Groove - Type 5	1.4882	Null	1.319	3.843	0.1960
REC 868	Triple Groove - Type 8	EN52	Barrel Harden	1.319	4.240	0.2350
REC 678	Triple Groove - Type 8	214N	Null	1.319	4.406	0.2770
REC 1733	Long Groove - Type 2	214N	Null	1.320	4.404	0.3153
REC 356	Single Groove - Type 5	214N	Stellite Tip	1.322	3.965	0.3100
REC 219	Single Groove - Type 5	214N	Null	1.323	3.844	0.3108
REC 219SS	Single Groove - Type 5	214N	Null	1.323	3.844	0.3108
REC 236W	Single Groove - Type 5	214N	Null	1.325	3.980	0.2795
REC 236	Single Groove - Type 5	214N	Null	1.325	3.980	0.2795
REC 307	Triple Groove - Type 7	214N	Stellite Tip	1.330	4.355	0.3110
55011	Triple Groove - Type 7	214N	Stellite Tip	1.332	4.361	0.3100
REC 425	Triple Groove - Type 7	214N	Stellite Tip	1.337	4.392	0.3095
REC 489	Long Groove - Type 1	214N	Stellite Tip	1.338	3.606	0.2952
REC 321	Long Groove - Type 2	214N	Stellite Tip	1.338	3.840	0.2750
REC 402	Triple Groove - Type 7	214N	Stellite Tip	1.338	3.937	0.3120
REC 788	Single Groove - Type 5	214N/1.3343	Harden Tip	1.338	3.937	0.3135

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 332	Single Groove - Type 5	214N	Stellite Tip	1.338	3.985	0.2600
REC 779	Single Groove - Type 5	1.4882	Null	1.338	4.132	0.2350
REC 442	Triple Groove - Type 8	214N	Null	1.338	4.171	0.2742
REC 496	Single Groove - Type 5	214N/1.3343	Harden Tip	1.339	3.824	0.3150
REC 920	Triple Groove - Type 7	214N	Null	1.339	3.864	0.2380
REC 608/1	Single Groove - Type 6	214N	Stellite Tip	1.339	4.188	0.2750
REC 819	Single Groove - Type 5	1.4882	Null	1.340	3.738	0.1965
REC 261	Triple Groove - Type 7	214N	Stellite Tip	1.340	4.350	0.3100
REC 874	Single Groove - Type 6	214N	Null	1.299	4.061	0.2745
REC 698	Single Groove - Type 5	1.4882	Stellite Tip	1.299	4.090	0.2355
REC 610/1	Single Groove - Type 5	1.4882	Stellite Tip	1.342	3.954	0.2357
REC 610	Single Groove - Type 5	1.4882	Stellite Tip	1.342	3.994	0.2357
REC 101	Single Groove - Type 5	214N	Stellite Tip	1.343	3.437	0.2800
REC 557	Single Groove - Type 5	214N	Stellite Tip	1.343	3.670	0.3110
REC 248	Single Groove - Type 5	214N	Stellite Tip	1.343	4.330	0.2800
REC 251	Single Groove - Type 5	214N	Stellite Tip	1.343	4.330	0.3100
SV310-50	Single Groove - Type 5	214N	Stellite Tip	1.348	4.365	0.3423
REC 117	Single Groove - Type 5	214N	Stellite Tip	1.350	4.575	0.3420
REC 939	Single Groove - Type 5	1.4882	Null	1.354	4.807	0.1768
REC 125	Single Groove - Type 5	214N	Stellite Tip	1.355	4.365	0.3423
REC 846	Single Groove - Type 5	1.4882	Null	1.358	3.528	0.2350
REC 202	Long Groove - Type 1	214N	Stellite Tip	1.358	3.825	0.3100
REC 922	Triple Groove - Type 7	214N	Null	1.358	4.043	0.2375
REC 524	Long Groove - Type 2	214N	Null	1.358	4.404	0.3154
REC 1736	Long Groove - Type 2	214N	Null	1.358	4.404	0.3154
REC 205	Triple Groove - Type 7	214N	Stellite Tip	1.360	4.275	0.3100
REC 259	Single Groove - Type 5	214N	Null	1.362	3.975	0.2795
REC 795	Single Groove - Type 5	1.4882	Null	1.362	4.189	0.2355
REC 909	Single Groove - Type 5	1.4882	Null	1.362	4.233	0.2355
REC 258	Single Groove - Type 5	214N	Null	1.362	4.560	0.2795
REC 765	Single Groove - Type 5	1.4882	Null	1.362	4.615	0.2795
REC 452	Single Groove - Type 5	214N	Stellite Tip	1.369	3.941	0.2355
REC 131	Single Groove - Type 5	214N	Stellite Tip	1.372	3.570	0.2803
REC 311	Triple Groove - Type 8	214N	Null	1.372	4.250	0.3137
SV322-54	Triple Groove - Type 7	214N	Stellite Tip	1.372	4.392	0.3095
REC 339	Single Groove - Type 5	214N	Stellite Tip	1.375	3.355	0.3140
REC 222	Single Groove - Type 5	214N	Stellite Tip	1.375	3.840	0.3105
REC 222SS	Single Groove - Type 5	214N	Stellite Tip	1.375	3.840	0.3105
REC 226	Single Groove - Type 5	214N	Null	1.375	3.965	0.3110
REC 293	Single Groove - Type 5	214N	Stellite Tip	1.375	4.330	0.2800
REC 209	Triple Groove - Type 7	214N	Stellite Tip	1.375	4.355	0.3105
REC 209W	Triple Groove - Type 7	214N	Stellite Tip	1.375	4.355	0.3105
REC 327	Single Groove - Type 5	214N	Stellite Tip	1.375	4.375	0.2800
REC 394	Single Groove - Type 5	214N	Null	1.377	4.615	0.2795
REC 806	Triple Groove - Type 7	214N	Null	1.378	3.575	0.3130
REC 528	Single Groove - Type 5	214N/1.3343	Harden Tip	1.378	3.674	0.2740
REC 506	Single Groove - Type 5	EN52	Harden Tip	1.378	3.858	0.2355
REC 340	Single Groove - Type 5	214N	Stellite Tip	1.378	3.890	0.2750
REC 712	Triple Groove - Type 7	214N	Stellite Tip	1.378	3.904	0.3125
REC 689	Single Groove - Type 5	1.4882	Stellite Tip	1.378	3.929	0.2158
REC 727	Single Groove - Type 5	214N	Stellite Tip	1.378	3.934	0.2161
REC 849	Single Groove - Type 5	1.4882	Null	1.378	4.074	0.2155

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 836	Single Groove - Type 5	1.4882	Null	1.378	4.074	0.2155
REC 501	Single Groove - Type 5	214N	Stellite Tip	1.378	4.126	0.3130
REC 781	Single Groove - Type 5	1.4882	Null	1.378	4.132	0.2350
REC 304	Single Groove - Type 5	214N	Stellite Tip	1.378	4.134	0.2760
REC 589	Triple Groove - Type 7	214N	Null	1.378	4.151	0.2744
REC 344	Single Groove - Type 5	214N	Stellite Tip	1.378	4.193	0.3135
REC 946	Single Groove - Type 5	EN52	Harden Tip	1.378	4.283	0.2158
REC 826	Single Groove - Type 5	1.4882	Null	1.378	4.559	0.1964
REC 368	Square Groove - Type 3	214N	Stellite Tip	1.378	4.575	0.3140
REC 753	Single Groove - Type 5	214N	Null	1.382	4.165	0.2744
REC 912	Single Groove - Type 5	214N	Null	1.397	4.265	0.3140
REC 747	Single Groove - Type 5	214N	Stellite Tip	1.400	3.245	0.2795
REC 103	Single Groove - Type 5	214N	Stellite Tip	1.400	3.525	0.2798
REC 105	Single Groove - Type 5	214N	Stellite Tip	1.400	3.570	0.2798
REC 336	Single Groove - Type 5	214N	Stellite Tip	1.400	3.580	0.2588
REC 114	Single Groove - Type 5	214N	Stellite Tip	1.400	3.840	0.2795
REC 320	Single Groove - Type 5	214N	Null	1.400	3.850	0.3110
REC 281	Single Groove - Type 5	214N	Stellite Tip	1.400	3.953	0.2800
REC 242	Single Groove - Type 5	214N	Stellite Tip	1.400	3.960	0.2800
REC 227	Single Groove - Type 5	214N	Null	1.400	3.965	0.3100
REC 246	Triple Groove - Type 7	214N	Stellite Tip	1.400	4.150	0.3110
REC 891	Single Groove - Type 5	214N	Stellite Tip	1.400	4.430	0.2800
REC 256	Single Groove - Type 5	214N	Null	1.400	4.560	0.2795
REC 316	Long Groove - Type 1	214N	Stellite Tip	1.400	4.590	0.3410
REC 347/1	Single Groove - Type 5	214N	Null	1.400	4.764	0.2795
REC 659	Single Groove - Type 5	214N	Null	1.400	4.901	0.2795
REC 134/1	Single Groove - Type 5	214N	Stellite Tip	1.401	3.570	0.2347
REC 120	Single Groove - Type 5	214N	Stellite Tip	1.401	3.570	0.2800
SV300-7	Single Groove - Type 5	214N	Stellite Tip	1.403	3.582	0.2796
REC 761	Single Groove - Type 5	1.4882	Null	1.403	4.615	0.2795
REC 789	Single Groove - Type 5	1.4882	Null	1.403	4.645	0.2795
REC 378	Single Groove - Type 5	214N	Stellite Tip	1.410	4.162	0.2590
REC 704	Triple Groove - Type 7	214N	Stellite Tip	1.416	3.698	0.2750
REC 667	Triple Groove - Type 7	214N	Stellite Tip	1.416	3.700	0.2750
REC 481	Long Groove - Type 1	214N	Stellite Tip	1.417	3.607	0.2750
REC 410	Single Groove - Type 5	214N/1.3343	Harden Tip	1.417	3.830	0.3145
REC 579	Single Groove - Type 5	214N	Stellite Tip	1.417	3.890	0.2750
REC 533	Single Groove - Type 5	214N	Stellite Tip	1.417	3.906	0.2357
REC 544	Single Groove - Type 5	214N	Stellite Tip	1.417	3.941	0.2355
REC 391	Triple Groove - Type 7	214N	Stellite Tip	1.417	4.030	0.2740
REC 835	Single Groove - Type 5	1.4882	Null	1.417	4.074	0.2155
REC 937	Single Groove - Type 5	1.4882	Null	1.417	4.074	0.2155
REC 798	Single Groove - Type 5	1.4882	Null	1.417	4.132	0.2350
REC 595/1	Single Groove - Type 6	214N	Stellite Tip	1.417	4.184	0.2750
REC 606/1	Single Groove - Type 6	214N	Stellite Tip	1.417	4.188	0.2750
REC 948	Single Groove - Type 5	EN52	Harden Tip	1.417	4.283	0.2158
REC 925	Triple Groove - Type 8	214N	Stellite Tip	1.417	4.352	0.3156
REC 383	Triple Groove - Type 8	214N	Stellite Tip	1.417	4.425	0.3156
REC 471	Single Groove - Type 5	214N	Null	1.417	4.496	0.3120
REC 369	Square Groove - Type 3	214N	Stellite Tip	1.417	4.575	0.3140
REC 385	Single Groove - Type 5	214N	Stellite Tip	1.418	4.193	0.3135
REC 271	Single Groove - Type 5	214N	Stellite Tip	1.420	4.150	0.2800

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
SV320-56	Triple Groove - Type 7	214N	Stellite Tip	1.420	4.365	0.3153
REC 893	Single Groove - Type 5	214N	Stellite Tip	1.420	4.430	0.2800
REC 317	Single Groove - Type 5	EN52	Harden Tip	1.420	4.870	0.3130
REC 298	Long Groove - Type 1	214N	Stellite Tip	1.425	3.930	0.3140
REC 695	Single Groove - Type 5	214N	Stellite Tip	1.425	4.285	0.3140
REC 266	Single Groove - Type 5	214N	Stellite Tip	1.425	4.325	0.2800
REC 240	Single Groove - Type 5	214N	Stellite Tip	1.425	4.325	0.3100
REC 555	Single Groove - Type 5	214N	Null	1.427	4.764	0.2795
REC 555/1	Single Groove - Type 5	214N	Null	1.427	4.764	0.2795
51162	Single Groove - Type 5	214N	Null	1.427	4.764	0.2795
REC 906/1	Single Groove - Type 5	1.4882	Null	1.430	4.610	0.2795
REC 300	Long Groove - Type 1	214N	Stellite Tip	1.437	3.940	0.2760
REC 547	Single Groove - Type 5	214N	Stellite Tip	1.437	4.351	0.2800
REC 426	Triple Groove - Type 8	214N	Stellite Tip	1.437	4.356	0.3153
REC 1735	Long Groove - Type 2	214N	Null	1.437	4.404	0.3153
REC 904	Triple Groove - Type 8	214N	Null	1.437	4.537	0.2746
SV310-51	Single Groove - Type 5	214N	Stellite Tip	1.438	4.365	0.3423
REC 135/1	Single Groove - Type 5	214N	Stellite Tip	1.440	3.570	0.2347
REC 119	Single Groove - Type 5	214N	Stellite Tip	1.440	3.570	0.2800
REC 264	Single Groove - Type 5	214N	Stellite Tip	1.440	3.965	0.3110
REC 495	Triple Groove - Type 7	214N	Stellite Tip	1.440	4.046	0.2750
REC 113	Single Groove - Type 5	214N	Stellite Tip	1.440	4.340	0.3420
SV300-8	Single Groove - Type 5	214N	Stellite Tip	1.443	3.582	0.2796
REC 480	Single Groove - Type 5	214N	Stellite Tip	1.443	4.291	0.3135
REC 381	Single Groove - Type 6	214N	Stellite Tip	1.444	4.325	0.3140
REC 275	Single Groove - Type 5	214N	Stellite Tip	1.450	3.953	0.2800
REC 252	Single Groove - Type 5	214N	Stellite Tip	1.450	4.440	0.2800
REC 252/1	Single Groove - Type 5	214N	Stellite Tip	1.450	4.440	0.2800
REC 650	Single Groove - Type 5	214N	Stellite Tip	1.450	4.545	0.3100
REC 461	Long Groove - Type 1	214N	Stellite Tip	1.453	4.593	0.3417
REC 482	Long Groove - Type 1	214N	Stellite Tip	1.456	3.607	0.2750
REC 513	Triple Groove - Type 7	214N	Null	1.456	4.028	0.2740
REC 408	Single Groove - Type 5	214N	Stellite Tip	1.456	4.429	0.3150
REC 478	Triple Groove - Type 7	214N	Stellite Tip	1.456	4.590	0.3105
REC 478/1	Triple Groove - Type 7	214N	Stellite Tip	1.456	4.590	0.3105
REC 289	Single Groove - Type 5	214N/EN52	Harden Tip	1.456	4.850	0.3530
REC 674	Single Groove - Type 5	214N	Stellite Tip	1.457	3.700	0.3110
REC 894	Single Groove - Type 5	1.4882	Null	1.457	3.949	0.2160
REC 916	Single Groove - Type 5	1.4882	Null	1.457	4.074	0.2155
REC 938	Single Groove - Type 5	1.4882	Null	1.457	4.074	0.2155
REC 688	Single Groove - Type 5	214N	Null	1.457	4.085	0.2755
REC 593/1	Single Groove - Type 6	214N	Stellite Tip	1.457	4.184	0.2750
REC 794	Single Groove - Type 5	214N	Stellite Tip	1.457	4.230	0.2757
REC 878	Single Groove - Type 5	1.4882	Null	1.459	4.634	0.2795
REC 109	Single Groove - Type 5	214N	Stellite Tip	1.462	3.585	0.2798
REC 906	Single Groove - Type 5	1.4882	Null	1.463	4.610	0.2795
REC 505	Triple Groove - Type 7	214N	Stellite Tip	1.465	4.046	0.2750
REC 389	Single Groove - Type 5	214N	Stellite Tip	1.466	4.200	0.3140
SV300-10	Single Groove - Type 5	214N	Stellite Tip	1.468	3.582	0.2796
REC 509	Triple Groove - Type 7	214N	Stellite Tip	1.470	4.590	0.3105
REC 597	Single Groove - Type 5	214N	Stellite Tip	1.470	5.210	0.2800
REC 268	Triple Groove - Type 8	214N	Stellite Tip	1.470	5.210	0.3152

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 901	Single Groove - Type 5	214N/1.3343	Harden Tip	1.472	3.858	0.3144
REC 438	Single Groove - Type 5	214N/1.3343	Harden Tip	1.472	3.953	0.3140
REC 438/1	Single Groove - Type 5	214N/1.3343	Harden Tip	1.472	3.958	0.3140
REC 462	Single Groove - Type 5	214N	Null	1.472	4.926	0.2805
REC 792	Single Groove - Type 5	214N	Harden Tip	1.473	4.330	0.3140
REC 706	Triple Groove - Type 7	214N	Stellite Tip	1.476	3.720	0.2750
SV300-9	Single Groove - Type 5	214N	Stellite Tip	1.478	3.582	0.2796
REC 110	Single Groove - Type 5	214N	Stellite Tip	1.485	3.585	0.2798
REC 118	Single Groove - Type 5	214N	Stellite Tip	1.485	3.585	0.2800
REC 872	Triple Groove - Type 8	214N	Stellite Tip	1.490	5.210	0.3152
REC 485	Single Groove - Type 5	214N	Stellite Tip	1.496	3.582	0.2750
REC 786	Single Groove - Type 5	214N	Harden Tip	1.496	3.760	0.3142
REC 821	Single Groove - Type 5	214N/1.3343	Harden Tip	1.496	3.819	0.3142
REC 821/1	Single Groove - Type 5	214N/1.3343	Harden Tip	1.496	3.819	0.3142
REC 542	Triple Groove - Type 7	214N	Stellite Tip	1.496	3.884	0.3140
REC 404	Triple Groove - Type 7	214N	Stellite Tip	1.496	3.937	0.3120
REC 439	Single Groove - Type 5	214N	Stellite Tip	1.496	3.983	0.2760
38551	Long Groove - Type 2	214N	Stellite Tip	1.496	3.930	0.2750
REC 702/1	Single Groove - Type 6	214N	Stellite Tip	1.496	4.184	0.2750
REC 493	Single Groove - Type 6	214N	Stellite Tip	1.496	4.409	0.3135
REC 309	Triple Groove - Type 7	214N	Stellite Tip	1.496	4.606	0.3128
REC 898	Single Groove - Type 5	1.4882	Null	1.496	4.669	0.2795
REC 447	Single Groove - Type 5	214N	Stellite Tip	1.498	4.130	0.2800
SV310-52	Single Groove - Type 5	214N	Stellite Tip	1.498	4.365	0.3423
REC 312	Square Groove - Type 3	214N	Stellite Tip	1.500	4.078	0.3148
REC 295	Triple Groove - Type 8	214N	Stellite Tip	1.500	4.156	0.3145
REC 430	Triple Groove - Type 7	214N	Stellite Tip	1.500	4.230	0.3145
REC 297	Single Groove - Type 6	214N	Stellite Tip	1.500	4.352	0.3156
REC 951	Single Groove - Type 6	214N	Stellite Tip	1.500	4.352	0.3156
REC 297/1	Single Groove - Type 6	214N	Stellite Tip	1.500	4.392	0.3156
REC 297T	Single Groove - Type 8	214N	Stellite Tip	1.500	4.342	0.3156
REC 214	Triple Groove - Type 8	214N	Stellite Tip	1.500	4.425	0.3156
REC 214N	Triple Groove - Type 8	214N	Stellite Tip	1.500	4.425	0.3156
REC 856	Triple Groove - Type 6	214N	Stellite Tip	1.500	4.433	0.3156
REC 455	Triple Groove - Type 8	214N	Stellite Tip	1.500	4.590	0.3115
REC 529	Single Groove - Type 5	214N	Null	1.500	4.764	0.2795
SV320-58	Single Groove - Type 5	214N	Stellite Tip	1.502	4.365	0.3154
SV320-57	Triple Groove - Type 7	214N	Stellite Tip	1.502	4.392	0.3154
REC 387	Single Groove - Type 5	214N	Stellite Tip	1.515	4.203	0.3105
REC 424	Single Groove - Type 5	214N	Stellite Tip	1.515	4.243	0.3105
REC 111	Single Groove - Type 5	214N	Stellite Tip	1.525	3.580	0.2798
REC 218	Single Groove - Type 5	EN52	Harden Tip	1.528	3.872	0.3110
REC 355	Single Groove - Type 5	214N	Stellite Tip	1.530	4.050	0.3110
REC 269	Single Groove - Type 5	214N	Stellite Tip	1.531	3.953	0.2800
REC 415	Single Groove - Type 5	214N	Stellite Tip	1.535	3.570	0.2750
REC 444	Single Groove - Type 5	214N	Stellite Tip	1.535	3.983	0.2760
REC 436	Triple Groove - Type 8	214N	Stellite Tip	1.535	4.096	0.3140
REC 553	Single Groove - Type 5	214N	Stellite Tip	1.535	4.134	0.2760
REC 737	Single Groove - Type 6	214N	Stellite Tip	1.535	4.184	0.2750
REC 434	Triple Groove - Type 8	214N	Stellite Tip	1.535	4.192	0.3140
REC 548	Single Groove - Type 5	214N	Stellite Tip	1.535	4.600	0.2800
REC 352	Square Groove - Type 3	214N	Stellite Tip	1.535	4.715	0.2750

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 613	Single Groove - Type 5	214N	Stellite Tip	1.536	3.634	0.3135
REC 374	Long Groove - Type 1	214N	Stellite Tip	1.537	3.673	0.2560
REC 713	Single Groove - Type 5	214N	Stellite Tip	1.550	4.130	0.2800
SV322-6	Triple Groove - Type 7	214N	Stellite Tip	1.553	4.367	0.3105
REC 203	Triple Groove - Type 7	214N	Stellite Tip	1.556	4.275	0.3110
57974	Triple Groove - Type 7	214N	Stellite Tip	1.556	4.365	0.3110
REC 306	Triple Groove - Type 7	214N	Stellite Tip	1.556	4.365	0.3110
REC 457	Triple Groove - Type 7	214N	Stellite Tip	1.556	4.590	0.3105
REC 201	Long Groove - Type 1	214N	Stellite Tip	1.562	3.828	0.3110
REC 331	Single Groove - Type 5	EN52	Harden Tip	1.562	4.400	0.3112
REC 220	Single Groove - Type 5	EN52	Harden Tip	1.563	3.905	0.3110
REC 220/1	Single Groove - Type 5	214N	Stellite Tip	1.563	3.905	0.3110
REC 220/2	Single Groove - Type 5	214N	Stellite Tip	1.563	4.005	0.3110
SV310-1	Single Groove - Type 5	214N	Stellite Tip	1.563	4.365	0.3433
REC 142	Single Groove - Type 5	214N	Stellite Tip	1.563	4.500	0.3420
REC 372	Triple Groove - Type 8	214N	Stellite Tip	1.570	3.850	0.3150
REC 666	Triple Groove - Type 7	214N	Stellite Tip	1.570	4.412	0.3130
REC 416	Single Groove - Type 5	214N	Stellite Tip	1.574	3.570	0.2750
REC 500	Single Groove - Type 5	214N	Stellite Tip	1.574	4.125	0.3135
REC 414	Single Groove - Type 6	214N	Stellite Tip	1.574	4.406	0.3135
REC 775	Triple Groove - Type 8	214N	Null	1.575	3.575	0.3140
REC 873	Single Groove - Type 6	214N	Null	1.575	4.072	0.2748
REC 520	Single Groove - Type 6	214N	Stellite Tip	1.575	4.409	0.3135
REC 541	Single Groove - Type 6	214N	Stellite Tip	1.575	4.685	0.3135
REC 287	Single Groove - Type 5	214N	Harden Tip	1.575	4.850	0.3530
REC 364	Triple Groove - Type 8	214N	Harden Tip	1.578	4.842	0.3150
REC 247	Single Groove - Type 5	214N	Stellite Tip	1.580	4.335	0.2800
REC 310	Triple Groove - Type 8	214N	Null	1.582	4.250	0.3137
REC 859	Triple Groove - Type 7	214N	Stellite Tip	1.585	4.374	0.2745
REC 250	Single Groove - Type 5	214N	Stellite Tip	1.590	4.340	0.3105
REC 241	Single Groove - Type 5	214N	Stellite Tip	1.600	3.960	0.2800
REC 724	Single Groove - Type 5	214N	Stellite Tip	1.600	4.130	0.2800
REC 245	Triple Groove - Type 7	214N	Stellite Tip	1.600	4.145	0.3110
REC 260	Triple Groove - Type 7	214N	Stellite Tip	1.600	4.350	0.3110
REC 284	Single Groove - Type 4	214N	Stellite Tip	1.600	4.475	0.3410
REC 399	Long Groove - Type 2	214N	Stellite Tip	1.605	4.706	0.3425
REC 338	Single Groove - Type 5	214N	Stellite Tip	1.610	3.385	0.3140
REC 223	Single Groove - Type 5	214N	Null	1.610	4.050	0.3110
REC 622	Single Groove - Type 5	214N	Stellite Tip	1.614	3.472	0.2750
REC 527	Single Groove - Type 5	214N	Harden Tip	1.614	3.700	0.2746
REC 343	Single Groove - Type 5	214N	Stellite Tip	1.614	4.193	0.3140
REC 467	Single Groove - Type 6	214N	Stellite Tip	1.614	4.406	0.3135
REC 673	Single Groove - Type 6	214N	Stellite Tip	1.614	4.406	0.3135
REC 522	Single Groove - Type 6	214N	Stellite Tip	1.614	4.409	0.3135
REC 291	Single Groove - Type 5	214N	Harden Tip	1.614	4.850	0.3530
REC 365	Triple Groove - Type 8	214N	Harden Tip	1.618	4.842	0.3150
REC 694	Single Groove - Type 5	214N	Stellite Tip	1.620	4.285	0.3140
REC 217	Single Groove - Type 5	214N	Stellite Tip	1.620	4.540	0.3100
REC 499	Single Groove - Type 5	214N	Stellite Tip	1.620	4.706	0.3105
REC 890	Long Groove - Type 2	214N	Stellite Tip	1.620	4.706	0.3425
REC 244	Single Groove - Type 5	214N	Stellite Tip	1.625	3.905	0.3110
REC 243	Single Groove - Type 5	214N	Stellite Tip	1.625	3.960	0.2800

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 225	Single Groove - Type 5	214N	Null	1.625	4.050	0.3110
REC 204	Triple Groove - Type 7	214N	Stellite Tip	1.625	4.275	0.3110
REC 292	Single Groove - Type 5	214N	Stellite Tip	1.625	4.335	0.2800
REC 208W	Triple Groove - Type 7	214N	Stellite Tip	1.625	4.365	0.3110
REC 210	Triple Groove - Type 7	214N	Stellite Tip	1.625	4.365	0.3140
REC 208	Triple Groove - Type 7	214N	Stellite Tip	1.625	4.375	0.3110
SV322-7	Triple Groove - Type 7	214N	Stellite Tip	1.625	4.384	0.3105
SV310-2	Single Groove - Type 5	214N	Stellite Tip	1.628	4.365	0.3433
REC 315	Long Groove - Type 1	214N	Stellite Tip	1.630	4.590	0.3410
REC 380	Single Groove - Type 4	214N	Stellite Tip	1.644	4.350	0.3138
REC 401	Single Groove - Type 5	214N	Null	1.650	4.114	0.3100
REC 886	Single Groove - Type 5	214N	Null	1.650	4.164	0.3100
REC 270	Single Groove - Type 5	214N	Stellite Tip	1.650	4.150	0.2800
REC 614	Single Groove - Type 5	214N	Stellite Tip	1.650	4.200	0.2800
REC 805	Triple Groove - Type 8	214N	Null	1.653	3.575	0.3140
REC 437/1	Single Groove - Type 5	214N/1.3343	Harden Tip	1.653	3.858	0.3140
REC 711	Triple Groove - Type 7	214N	Stellite Tip	1.653	3.874	0.3135
REC 390	Triple Groove - Type 7	214N	Stellite Tip	1.653	4.017	0.2750
REC 924	Triple Groove - Type 7	EN52	Barrel Harden	1.653	4.375	0.3166
REC 382	Triple Groove - Type 7	EN52	Barrel Harden	1.653	4.425	0.3166
REC 517	Triple Groove - Type 8	214N	Stellite Tip	1.653	4.406	0.3130
REC 288	Single Groove - Type 5	214N	Harden Tip	1.653	4.850	0.3540
REC 900	Single Groove - Type 5	214N/1.3343	Harden Tip	1.654	3.858	0.3147
REC 791	Single Groove - Type 5	214N	Harden Tip	1.654	4.331	0.3139
REC 384	Single Groove - Type 5	214N	Stellite Tip	1.654	4.193	0.3140
REC 944	Single Groove - Type 3	214N	Stellite Tip	1.654	4.579	0.3142
SV320-1	Triple Groove - Type 7	214N	Stellite Tip	1.655	4.381	0.3164
SV320-12	Triple Groove - Type 7	214N	Stellite Tip	1.655	4.482	0.3164
REC 546	Single Groove - Type 5	214N	Stellite Tip	1.656	4.351	0.2800
REC 479	Single Groove - Type 4	214N	Stellite Tip	1.670	3.928	0.3145
REC 437	Single Groove - Type 5	214N	Harden Tip	1.670	3.962	0.3140
REC 494	Triple Groove - Type 7	EN52	Barrel Harden	1.670	4.046	0.2750
REC 596	Single Groove - Type 5	214N	Stellite Tip	1.670	5.333	0.2800
REC 267	Triple Groove - Type 8	EN52	Barrel Harden	1.670	5.333	0.3160
REC 911	Single Groove - Type 5	214N	Null	1.673	4.285	0.3140
REC 346	Single Groove - Type 5	214N	Null	1.675	4.615	0.3100
REC 265	Single Groove - Type 5	214N	Stellite Tip	1.680	4.325	0.2800
REC 639	Single Groove - Type 6	214N	Stellite Tip	1.687	3.936	0.3540
REC 460	Long Groove - Type 1	214N	Stellite Tip	1.687	4.593	0.3417
REC 112	Single Groove - Type 5	214N	Stellite Tip	1.690	4.360	0.3430
SV310-3	Single Groove - Type 5	214N	Stellite Tip	1.692	4.365	0.3433
REC 441	Single Groove - Type 5	214N	Null	1.693	4.086	0.2760
REC 388	Single Groove - Type 5	214N	Stellite Tip	1.693	4.238	0.3145
REC 477	Triple Groove - Type 7	214N	Stellite Tip	1.693	4.590	0.3115
REC 477/1	Single Groove - Type 5	214N	Stellite Tip	1.693	4.590	0.3115
REC 254	Single Groove - Type 5	214N	Null	1.700	3.960	0.3110
REC 470	Single Groove - Type 5	214N	Null	1.700	3.972	0.3110
REC 793	Single Groove - Type 5	214N	Stellite Tip	1.700	4.365	0.2760
REC 581	Triple Groove - Type 8	EN52	Barrel Harden	1.700	5.333	0.3160
REC 504	Triple Groove - Type 7	EN52	Barrel Harden	1.712	4.046	0.2750
REC 239	Single Groove - Type 5	214N	Stellite Tip	1.725	4.325	0.3105
REC 367	Square Groove - Type 3	214N	Stellite Tip	1.732	4.575	0.3130

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
SV310-5	Single Groove - Type 5	214N	Stellite Tip	1.748	4.365	0.3433
REC 294	Long Groove - Type 1	EN52	Harden Tip	1.750	4.156	0.3156
REC 464	Single Groove - Type 5	214N	Stellite Tip	1.750	4.193	0.3140
REC 429	Long Groove - Type 1	EN52	Harden Tip	1.750	4.200	0.3156
REC 296	Single Groove - Type 6	214N	Stellite Tip	1.750	4.375	0.3166
REC 296/1	Single Groove - Type 6	214N	Stellite Tip	1.750	4.415	0.3166
REC 296T	Single Groove - Type 8	214N	Stellite Tip	1.750	4.344	0.3166
REC 213	Triple Groove - Type 8	EN52	Barrel Harden	1.750	4.425	0.3166
2581	Triple Groove - Type 7	EN52	Barrel Harden	1.750	4.425	0.3166
REC 855	Single Groove - Type 6	214N	Stellite Tip	1.750	4.457	0.3166
REC 216	Single Groove - Type 5	214N	Stellite Tip	1.750	4.540	0.3110
REC 508	Triple Groove - Type 7	214N	Stellite Tip	1.750	4.590	0.3115
REC 612	Single Groove - Type 5	214N	Stellite Tip	1.752	4.128	0.3140
SV320-3	Single Groove - Type 5	214N	Stellite Tip	1.752	4.412	0.3166
SV320-2	Triple Groove - Type 7	214N	Stellite Tip	1.752	4.417	0.3164
REC 141	Single Groove - Type 5	214N	Stellite Tip	1.770	4.500	0.3425
REC 286	Single Groove - Type 5	214N	Harden Tip	1.771	4.850	0.3540
REC 358	Triple Groove - Type 8	214N	Harden Tip	1.772	4.842	0.3165
REC 386	Single Groove - Type 5	214N	Stellite Tip	1.781	4.240	0.3110
REC 423	Single Groove - Type 5	214N	Stellite Tip	1.781	4.280	0.3110
REC 398	Long Groove - Type 2	214N	Stellite Tip	1.790	4.700	0.3425
REC 400	Single Groove - Type 5	214N	Null	1.800	4.181	0.3105
REC 882T	Triple Groove - Type 7	EN52	Barrel Harden	1.800	4.375	0.3166
REC 882/1	Single Groove - Type 6	214N	Stellite Tip	1.800	4.375	0.3166
REC 950	Single Groove - Type 6	214N	Stellite Tip	1.800	4.375	0.3166
REC 917	Single Groove - Type 6	214N	Stellite Tip	1.800	4.457	0.3166
REC 454	Triple Groove - Type 8	214N	Stellite Tip	1.800	4.525	0.3166
REC 290	Single Groove - Type 5	214N	Stellite Tip	1.800	4.540	0.3110
REC 649	Single Groove - Type 5	214N	Stellite Tip	1.800	4.545	0.3100
REC 498	Single Groove - Type 5	214N	Stellite Tip	1.800	4.700	0.3115
REC 345	Single Groove - Type 5	214N	Null	1.800	4.705	0.3110
REC 308	Triple Groove - Type 7	EN52	Barrel Harden	1.810	4.590	0.3130
REC 538	Single Groove - Type 6	214N	Stellite Tip	1.811	4.409	0.3135
REC 492	Single Groove - Type 5	214N	Stellite Tip	1.811	4.409	0.3140
REC 357	Single Groove - Type 6	214N	Harden Tip	1.811	4.842	0.3165
REC 359	Single Groove - Type 5	214N	Harden Tip	1.811	4.850	0.3540
REC 456	Triple Groove - Type 7	214N	Stellite Tip	1.843	4.590	0.3115
REC 435	Triple Groove - Type 8	214N	Stellite Tip	1.850	4.096	0.3145
REC 433	Triple Groove - Type 8	214N	Stellite Tip	1.850	4.192	0.3145
REC 521	Single Groove - Type 6	214N	Stellite Tip	1.850	4.409	0.3135
REC 283	Single Groove - Type 4	EN52	Harden Tip	1.850	4.475	0.3420
REC 889	Long Groove Type 2	214N	Stellite Tip	1.850	4.700	0.3425
REC 451	Triple Groove - Type 8	214N	Stellite Tip	1.850	4.842	0.3165
REC 913	Triple Groove - Type 8	214N	Stellite Tip	1.870	4.096	0.3145
REC 552	Single Groove - Type 5	214N	Null	1.875	4.181	0.3105
REC 526	Single Groove - Type 5	214N	Null	1.875	4.531	0.3410
REC 491	Single Groove - Type 5	214N	Null	1.875	5.072	0.3410
REC 466	Single Groove - Type 6	214N	Stellite Tip	1.890	4.390	0.3135
REC 519	Single Groove - Type 6	214N	Stellite Tip	1.890	4.409	0.3135
REC 764	Single Groove - Type 5	214N	Null	1.878	4.832	0.3410
REC 540	Single Groove - Type 6	214N	Stellite Tip	1.890	4.685	0.3135
REC 412	Single Groove - Type 6	214N	Stellite Tip	1.890	4.450	0.3135

Part No.	Groove Type (see Diag.)	Material	Hardened Tip	Head Dia	Length	Stem
REC 665	Triple Groove - Type 7	214N	Stellite Tip	1.898	4.396	0.3130
REC 393	Single Groove - Type 5	214N	Nil	1.905	4.845	0.3410
REC 539	Single Groove - Type 6	214N	Stellite Tip	1.929	4.409	0.3135
REC 465	Single Groove - Type 6	214N	Stellite Tip	1.968	4.390	0.3135
REC 413	Single Groove - Type 6	214N	Stellite Tip	1.968	4.450	0.3135
REC 716	Single Groove - Type 5	214N	Nil	2.000	4.181	0.3105
REC 885	Single Groove - Type 5	214N	Nil	2.000	4.231	0.3105
REC 763	Single Groove - Type 5	214N	Nil	2.012	4.820	0.3422
REC 392	Single Groove - Type 5	214N	Nil	2.041	4.832	0.3423
REC 525	Single Groove - Type 5	214N	Nil	2.103	4.662	0.3422
REC 773	Single Groove - Type 5	214N	Nil	2.200	5.072	0.3420