



SPORT COMPACT 6000 SERIES COMPETITION VALVES



Ferrea Valves, the world's leading manufacturer of racing valves, introduces the **Sport Compact** market into the already race-proven **Ferrea 6000 Series Competition Valves**.

This **Ferrea Valves** Series is designed to provide excellent reliability in an environment of high RPM and high spring pressures, at a budget price.

These valves have **higher fatigue resistance** and **tensile strengths** than our competitor's best offering. The 6000 Series Competition Valves are specially designed for street, drag and rally racing applications.

To manufacture the valves we use our exclusive **two-step slow-forging process** applied to the **special alloys** selected to suit **intake and exhaust applications**.

We provide a unique **heat-treatment** and **stress-relieving process**, along with **hard chrome stems** and **friction-welded hard tips**. We finish the valves with a **swirl-polished head**.

Ferrea Valves feature **flow improvements** to deliver the power needed for today's sophisticated **Sport Compact** racing engines.



SPORT COMPACT 6000 SERIES COMPETITION VALVES

Part N°	Type	Head Diam.	Stem Diam.	Overall Length	Tip Length	References
ACURA INTEGRA GSR 1.7L - DOHC V-TEC 16 VALVE (B17A1) - 1992-1993						
ACURA INTEGRA GSR 1.8L - DOHC V-TEC 16 VALVE (B18C1-C3) - 1994-2000						
F6049	E	28 mm	5.45 mm	102.5 mm	2.5 mm	25° Flo Stock size. Special Alloy
F6047	E	28.5 mm	5.45 mm	102.5 mm	2.5 mm	25° Flo - .5 mm oversize. Special Alloy
F6045	E	29 mm	5.45 mm	102.5 mm	2.5 mm	25° Flo - 1 mm oversize. Special Alloy
F6048	I	33 mm	5.47 mm	102.35 mm	2.5 mm	25° Super Flo. Stock size
F6046	I	33.5 mm	5.47 mm	102.35 mm	2.5 mm	25° Super Flo - .5 mm oversize
F6044	I	34 mm	5.47 mm	102.35 mm	2.5 mm	25° Super Flo - 1 mm oversize
ACURA INTEGRA LS-GS 1.8L - DOHC 16 VALVE (B18A1-B1) - 1990-2000						
F6015	E	28 mm	6.54 mm	106.02 mm	4.1 mm	30° Flo Dish Head - Stock size. Special Alloy
F6016	I	31 mm	6.57 mm	105.5 mm	4.1 mm	20° Super Flo Dish Head - Stock size
ACURA RSX 2.0L - DOHC V-TEC 16 VALVE (K20) - 2001-2006						
F6071	E	30 mm	5.45 mm	109.15 mm	2.5 mm	22° Flo. Radius Groove - Stk size. Special Alloy
F6072	E	31 mm	5.45 mm	109.15 mm	2.5 mm	22° Flo. Radius Groove. + 1 mm over size. Special Alloy
F6073	I	35 mm	5.47 mm	109.3 mm	2.5 mm	20° Super Flo. Radius Groove. Stk size.
F6074	I	36 mm	5.47 mm	109.3 mm	2.5 mm	20° Super Flo. Radius Groove. + 1 mm over size
AUDI 80 QUATRO 2.2 L - DOHC 20 VALVE (7A) - 1989-1992						
AUDI 200 QUATRO 2.2 L - DOHC 20 VALVE (3B) - 1991						
AUDI COUPE QUATRO 2.2 L - DOHC 20 VALVE (7A) - 1990-1991						
F6027	E	28.1 mm	6.93 mm	98.3 mm	2.8 mm	22° Flo Radius Groove. Stk size. Special Alloy
F6028	E	28.6 mm	6.93 mm	98.3 mm	2.8 mm	22° Flo Radius Groove. + 0.5 mm over size. Special Alloy
F6029	I	32 mm	6.96 mm	95.5 mm	2.6 mm	15° S. Flo Radius Groove. Stock size.
F6030	I	32.5 mm	6.96 mm	95.5 mm	2.6 mm	15° S. Flo Radius Groove. + 0.5 mm over size.

New

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New

Part N°	Type	Head Diam.	Stem Diam.	Overall Length	Tip Length	References
AUDI RS2 2.2 L - DOHC 20 VALVE (ADU) - 1994-1995						
AUDI S4 2.2 L - DOHC 20 VALVE (AAN) - 1992-1994						
AUDI S6 2.2 L - DOHC 20 VALVE (AAN) - 1995						
F6027	E	28.1 mm	6.93 mm	98.3 mm	2.8 mm	22° Flo Radius Groove. Stk size. Special Alloy
F6028	E	28.6 mm	6.93 mm	98.3 mm	2.8 mm	22° Flo Radius Groove. + 0.5 mm over size. Special Alloy
F6029	I	32 mm	6.96 mm	95.5 mm	2.6 mm	15° S. Flo Radius Groove. Stock size.
F6030	I	32.5 mm	6.96 mm	95.5 mm	2.6 mm	15° S. Flo Radius Groove. + 0.5 mm over size
AUDI V8 3.6 L - DOHC 32 VALVE (PT) - 1990-1991						
AUDI V8 4.2 L - DOHC 32 VALVE (ABH) - 1992-1994						
F6027	E	28.1 mm	6.93 mm	98.3 mm	2.8 mm	22° Flo Radius Groove. Stk size. Special Alloy
F6028	E	28.6 mm	6.93 mm	98.3 mm	2.8 mm	22° Flo Radius Groove. + 0.5 mm over size. Special Alloy
F6029	I	32 mm	6.96 mm	95.5 mm	2.6 mm	15° S. Flo Radius Groove. Stock size.
F6030	I	32.5 mm	6.96 mm	95.5 mm	2.6 mm	15° S. Flo Radius Groove. + 0.5 mm over size
HONDA CIVIC 1.6L - SOHC 16 VALVE (D16Z6-Y5-Y7-Y8) - 1992-2000						
F6067	E	26 mm	5.46 mm	115.95 mm	1.9 mm	22° Flo. Radius Groove. Stk size
F6070	E	27 mm	5.46 mm	115.95 mm	1.9 mm	22° Flo. Radius Groove. + 1 mm over size.
F6068	I	30 mm	5.48 mm	118.6 mm	1.9 mm	20° Super Flo. Radius Groove. Stk size
F6069	I	31 mm	5.48 mm	118.6 mm	1.9 mm	20° Super Flo. Radius Groove. + 1 mm over size.
HONDA DEL SOL 1.6L - DOHC V-TEC 16 VALVE (B16A1) - 1994-1997						
HONDA CIVIC SI 1.6L - DOHC V-TEC 16 VALVE (B16A3) - 1999-2000						
F6049	E	28 mm	5.45 mm	102.5 mm	2.5 mm	25° Flo Stock size. Special Alloy
F6047	E	28.5 mm	5.45 mm	102.5 mm	2.5 mm	25° Flo - .5 mm oversize. Special Alloy
F6045	E	29 mm	5.45 mm	102.5 mm	2.5 mm	25° Flo - 1 mm oversize. Special Alloy
F6048	I	33 mm	5.47 mm	102.35 mm	2.5 mm	25° Super Flo. Stock size
F6046	I	33.5 mm	5.47 mm	102.35 mm	2.5 mm	25° Super Flo - .5 mm oversize
F6044	I	34 mm	5.47 mm	102.35 mm	2.5 mm	25° Super Flo - 1 mm oversize
HONDA CRV 2.0L - DOHC 16 VALVE (B20A-B20Z) - 1997-2000						
F6015	E	28 mm	6.54 mm	106.02 mm	4.1 mm	30° Flo Dish Head - Stock size. Special Alloy
F6016	I	31 mm	6.57 mm	105.5 mm	4.1 mm	20° Super Flo Dish Head - Stock size
HONDA PRELUDE 2.2L - DOHC V-TEC 16 VALVE (H22A1-A4) - 1993-2000						
F6023	E	30 mm	5.48 mm	107.1 mm	2.8 mm	22° Flo. Stock size. Special Alloy
F6058	E	31 mm	5.48 mm	107.1 mm	2.8 mm	22° Flo. 1 mm oversize. Special Alloy
F6024	I	35 mm	5.48 mm	106.85 mm	2.8 mm	20° Super Flo. Stock size
F6056	I	36 mm	5.48 mm	106.85 mm	2.8 mm	20° Super Flo. 1 mm oversize
MITSUBISHI ECLIPSE GS-GST 2.0L - DOHC 16 VALVE (4G63-4G63T) - 1990-1999						
F6025	E	30.5 mm	6.55 mm	109.7 mm	3.8 mm	22° Flo. Stock size. Special Alloy
F6054	E	31.5 mm	6.55 mm	109.7 mm	3.8 mm	22° Flo. 1 mm oversize. Special Alloy
F6026	I	34 mm	6.57 mm	109.7 mm	3.8 mm	20° Super Flo. Stock size
F6052	I	35 mm	6.57 mm	109.7 mm	3.8 mm	20° Super Flo. 1 mm oversize
NISSAN 350 Z 3.5 L - V-6 - DOHC 24 VALVE (VQ35) - 2003-2008						
F6017	E	31.35 mm	5.96 mm	94.4 mm	3.5 mm	22° Flo. Radius Groove. Stock size.
F6018	E	32.35 mm	5.96 mm	94.4 mm	3.5 mm	22° Flo. Radius Groove. + 1 mm over size
F6019	I	37.15 mm	5.97 mm	96.7 mm	3.5 mm	20° S. Flo. Radius Groove. Stock size.
F6020	I	38.15 mm	5.97 mm	96.7 mm	3.5 mm	20° S. Flo. Radius Groove. + 1 mm over size
(*) These valves feature a .5 mm stem reduction in the groove area to allow the use of OEM components (valve locks and spring retainers).						
SUBARU WRX - EJ20 - 2001-2008						
F6075	E	32 mm	5.96 mm	104.75 mm	3.5 mm	25° Flo. Radius Groove. Stock size. Special Alloy
F6076	E	33 mm	5.96 mm	104.75 mm	3.5 mm	25° Flo. Radius Groove. + 1 mm over size. Special Alloy
F6077	I	36 mm	5.97 mm	104.6 mm	3.5 mm	19° S. Flo. Radius Groove. Stock size.
F6078	I	37 mm	5.97 mm	104.6 mm	3.5 mm	19° S. Flo. Radius Groove. + 1 mm over size.
NOTE: These Ferrea Valves must be used with Ferrea Valve Locks # K10061.						



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Part N°	Type	Head Diam.	Stem Diam.	Overall Length	Tip Length	References
TOYOTA MR2 2.0L -DOHC 16 VALVE (TURBO 3SGTE) - 1990-1995						
F6065	E	29 mm	6 mm	99.65 mm	3.5 mm	25° Flo. Stock size. Special Alloy
F6066	E	30 mm	6 mm	99.65 mm	3.5 mm	25° Flo. 1 mm oversize. Special Alloy
F6063	I	33.5 mm	6 mm	100.70 mm	3.5 mm	25° Super Flo. Stock size
F6064	I	34.5 mm	6 mm	100.70 mm	3.5 mm	25° Super Flo. 1 mm oversize
TOYOTA SUPRA 3.0L - DOHC 24 VALVE (7MGE-TURBO 7MGTE) - 1986-1992						
F6061	E	27.50 mm	6 mm	98.20 mm	4 mm	25° Flo. Stock size. Special Alloy
F6062	E	28.50 mm	6 mm	98.20 mm	4 mm	25° Flo. 1 mm oversize. Special Alloy
F6059	I	32 mm	6 mm	98.20 mm	4 mm	25° Super Flo. Stock size
F6060	I	33 mm	6 mm	98.20 mm	4 mm	25° Super Flo. 1 mm oversize
TOYOTA SUPRA 3.0L I/L 6 CYL - DOHC 24 VALVE (2JZGE-2JZGTE) - 1994-1998						
F6099	E	29 mm	5.98 mm	99.1 mm	3.5 mm	22° Flo. Stock size. Special Alloy
F6097	E	30 mm	5.98 mm	99.1 mm	3.5 mm	22° Flo. 1 mm oversize. Special Alloy
F6098	I	33.60 mm	5.98 mm	98.55 mm	3.5 mm	20° Super Flo. Stock size
F6096	I	34.60 mm	5.98 mm	98.55 mm	3.5 mm	20° Super Flo. 1 mm oversize
TOYOTA TACOMA						
F6670S	E	30.5 mm	5.967 mm	103.40 mm	3.80 mm	21° Flo. Stock Size
F6670	E	33 mm	5.967 mm	103.40 mm	3.80 mm	21° Flo. Oversize
F6669S	I	37.5 mm	5.97 mm	103.50 mm	3.80 mm	19° Super Flo. Stock Size
F6669	I	40 mm	5.97 mm	103.15 mm	3.80 mm	19° Super Flo. Oversize
VW GOLF / JETTA 1.8 L - DOHC 16 VALVE (PL) -1987-1989						
VW SCIROCCO 1.8 L - DOHC 16 VALVE (PL) -1986-1988						
F6027	E	28.1 mm	6.93 mm	98.3 mm	2.8 mm	22° Flo Radius Groove. Stk size. Special Alloy
F6028	E	28.6 mm	6.93 mm	98.3 mm	2.8 mm	22° Flo Radius Groove. + 0.5 mm over size. Special Alloy
F6029	I	32 mm	6.96 mm	95.5 mm	2.6 mm	15° S. Flo Radius Groove. Stock size.
F6030	I	32.5 mm	6.96 mm	95.5 mm	2.6 mm	15° S. Flo Radius Groove. + 0.5 mm over size
VW GOLF / JETTA 2.0 L - DOHC 16 VALVE (9A) -1990-1992						
VW PASSAT 2.0 L - DOHC 16 VALVE (9A) -1990-1994						
F6027	E	28.1 mm	6.93 mm	98.3 mm	2.8 mm	22° Flo Radius Groove. Stk size. Special Alloy
F6028	E	28.6 mm	6.93 mm	98.3 mm	2.8 mm	22° Flo Radius Groove. + 0.5 mm over size. Special Alloy
F6029	I	32 mm	6.96 mm	95.5 mm	2.6 mm	15° S. Flo Radius Groove. Stock size.
F6030	I	32.5 mm	6.96 mm	95.5 mm	2.6 mm	15° S. Flo Radius Groove. + 0.5 mm over size



BTC Racing Lexus IS runs in the British Touring Car Championship is a big contender for the Championship this year with Ferrea Racing Components.