

# SPORT COMPACT COMPETITION PLUS VALVES

Our NEW **Import-Tuner Valve Program** features specially designed valves for use in racing engines that are subjected to extreme exhaust temperatures with Turbo, Nitrous, or Supercharger. We use a Special Alloy designed specifically for this application.



Part N°	Type	Head Diam.	Stem Diam.	Overall Length	Tip Length	References
<b>ACURA INTEGRA GSR 1.7L - DOHC V-TEC 16 VALVE (B17A1) - 1992-1993</b>						
<b>ACURA INTEGRA GSR 1.8L - DOHC V-TEC 16 VALVE (B18C1-C3) - 1994-2000</b>						
F1449P	E	28 mm	5.45 mm	102.5 mm	2.5 mm	25° Flo Stock size. Super Alloy
F1447P	E	28.5 mm	5.45 mm	102.5 mm	2.5 mm	25° Flo - .5 mm oversize. Super Alloy
F1445P	E	29 mm	5.45 mm	102.5 mm	2.5 mm	25° Flo - 1 mm oversize. Super Alloy
F1448P	I	33 mm	5.47 mm	102.35 mm	2.5 mm	25° Super Flo. Stock size
F1446P	I	33.5mm	5.47 mm	102.35 mm	2.5 mm	25° Super Flo - .5 mm oversize
F1444P	I	34 mm	5.47 mm	102.35 mm	2.5 mm	25° Super Flo - 1 mm oversize
<b>ACURA INTEGRA LS-GS 1.8L - DOHC 16 VALVE (B18A1-B1) - 1990-2000</b>						
F1815P	E	28 mm	6.54 mm	106.02 mm	4.1 mm	30° Flo Dish Head - Stock size. Super Alloy
F1488P	E	28.5 mm	6.54 mm	106.02 mm	4.1 mm	30° Flo Dish Head - .5mm oversize. Super Alloy
F1489P	E	29 mm	6.54 mm	106.02 mm	4.1 mm	30° Flo Dish Head - 1mm oversize. Super Alloy
F1816P	I	31 mm	6.57 mm	105.5 mm	4.1 mm	20° Super Flo Dish Head - Stock size
F1490P	I	31.5 mm	6.57 mm	105.5 mm	4.1 mm	20° Super Flo Dish Head - .5mm oversize
F1491P	I	32 mm	6.57 mm	105.5 mm	4.1 mm	20° Super Flo Dish Head - 1mm oversize
<b>ACURA NSX - 1991-2002</b>						
F1559P	E	30.05 mm	5.455 mm	111.6 mm	3.17 mm	30° Flo. Stock size
F1561P	E	31.05 mm	5.455 mm	111.6 mm	3.17 mm	30° Flo. +1mm oversize
F1558P	I	35.97 mm	5.48 mm	112.37 mm	3.25 mm	20° Super Flo. Stock size
F1560P	I	37 mm	5.48 mm	112.37 mm	3.25 mm	20° Super Flo. +1mm oversize
<b>ACURA RSX 2.0L - DOHC V-TEC 16 VALVE (K20) - 2001-2006</b>						
F1546P	E	30 mm	5.45 mm	108.7 mm	2 mm	30° Flo. Dish Head. Stock size. Super Alloy
F1547P	E	31 mm	5.45 mm	108.7 mm	2 mm	30° Flo. Dish Head. +1 mm oversize. Super Alloy
F1548P	I	35 mm	5.47 mm	108.8 mm	2 mm	20° Super Flo. Stock size
F1549P	I	36 mm	5.47 mm	108.8 mm	2 mm	20° Super Flo. +1 mm oversize



*Titan Motorsports Scion makes 1800hp+ with full valvetrain of Ferrea Racing Components.*

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Part N°	Type	Head Diam.	Stem Diam.	Overall Length	Tip Length	References
<b>AUDI 1.8T - DOHC 20 VALVE - 1996-2005</b>						
<b>AUDI 2.7T - DOHC 30 VALVE (APB) 1998-2004</b>						
<b>AUDI RS6 4.2L - DOHC V8 40 VALVE (BCY) - 2002-2004</b>						
F1554P	E	29.9 mm	5.96 mm	103.92 mm	5 mm	26° Flo. Stk size. Trip. groove. <b>2 Valves required</b>
F1555P	E	30.9 mm	5.96 mm	103.92 mm	5 mm	26° Flo. +1mm o/s. Trip. groove. <b>2 Valves required</b>
F1556P	I	26.9 mm	5.97 mm	105.1 mm	5 mm	24° Sup. Flo. Stk size. Trip. groove. <b>3 Val. required</b>
F1557P	I	27.9 mm	5.97 mm	105.1 mm	5 mm	24° Sup. Flo. +1mm o/. Trip. groove. <b>3 Val. required</b>
<b>AUDI 2.0T FSI - DOHC 16 VALVE - 2006-2008</b>						
F1280P	E	28mm	5.96mm	101.9mm	4.9mm	20° Flo. Triple Groove. Super Alloy
F1281P	E	29mm	5.96mm	101.9mm	4.9mm	20° Flo. 1mm oversize. Triple Groove. Super Alloy
F1282P	I	33.8mm	5.98mm	104.1mm	4.9mm	20° Super Flo. Triple Groove
F1283P	I	34.8mm	5.98mm	104.1mm	4.9mm	20° Super Flo. 1mm oversize. Triple Groove
<b>BMW 3 SERIES (M50-M51-M52)</b>						
F1552P	E	30.5 mm	5.96 mm	106 mm	3.7 mm	25° Flo. Stock size. Triple groove
F1553P	E	31.5 mm	5.96 mm	106 mm	3.7 mm	25° Flo. 1+mm o/size. Triple groove
F1550P	I	32.95 mm	5.97 mm	106.1 mm	3.7 mm	12° Super Flo. Stock size. Triple groove
F1551P	I	33.95 mm	5.97 mm	106.1 mm	3.7 mm	12° Super Flo. 1+mm o/size. Triple groove
<b>CHRYSLER/DODGE 3.5L - SOHC V6 24 VALVE - 1998-2004</b>						
F1574P	E	29 mm	6.92 mm	125.94 mm	5.9 mm	22° Flo. Stock size. Super Alloy. Single Groove
F1575P	E	30 mm	6.92 mm	125.94 mm	5.9 mm	22° Flo. 1 mm oversize. Super Alloy. Single Groove
F1576P	I	36.5 mm	6.94 mm	114.7 mm	3.5 mm	19° Super Flo. Stock size. Single Groove
F1577P	I	37.5 mm	6.94 mm	114.7 mm	3.5 mm	19° Super Flo. 1mm oversize. Single Groove
<b>Tech Note: These Ferrea Racing Valves come with single radial grooves. For racing applications Ferrea Racing does not recommend the use of triple radial grooved valves.</b>						
<b>DODGE NEON 2.0 - DOHC 16 VALVE - 1994-1999</b>						
F1544P	E	30.5 mm	5.9 mm	109.80 mm	11 mm	24° Tulip. Stock Size
F1545P	I	34.75 mm	5.93 mm	111.75 mm	11 mm	14° Super Flo. Stock size
<b>DODGE NEON 2.0 - SOHC 16 VALVE - 1994-1999</b>						
F1541P	E	28.75mm	5.918mm	117.20mm	5.10mm	28° Tulip. Stock size
F1543P	E	29.75mm	5.918mm	117.20mm	5.10mm	28° Tulip. 1 mm oversize
F1540P	I	33.25mm	5.944mm	114.95mm	6.65mm	17° Super Flo. Stock size
F1542P	I	34.25mm	5.944mm	114.95mm	6.65mm	17° Super Flo. 1 mm oversize
<b>DODGE NEON 2.4 - SRT4 - DOHC 16 VALVE (A853) - 2003-2005</b>						
F2141P	E	28.36 mm	5.95 mm	109.80 mm	9.1 mm	21° Flo. Stock size. Super Alloy. Turbo Application. Single Groove
F2142P	E	29.36 mm	5.95 mm	109.80 mm	9.1 mm	21° Flo. 1mm Over Size Super Alloy. Turbo Application. Single Groove
F2143P	I	34.81 mm	5.96 mm	111.7 mm	11.05 mm	21° Super Flo. Stock size. Single Groove
F2144P	I	35.81 mm	5.96 mm	111.7 mm	11.05 mm	21° Super Flo. 1mm oversize. Stock Size. Single Groove
<b>Tech Note: These Ferrea Racing Valves come with single radial grooves. For racing applications Ferrea Racing does not recommend the use of triple radial grooved valves. These valves are designed to be used only with Ferrea Valve Train Kit components.</b>						
<b>FORD COSWORTH 4 CYL.</b>						
F1412P	E	25.35mm	7.09mm	101mm	4.7mm	R. 12mm Flo. Flat Head. Stk stem: 7.1mm
F1424P	E	29.46mm	7.09mm	117.32mm	21.02mm	R. 12mm Flo. Flat Head. Stk stem: 7.078mm
F1411P	I	31mm	7.1mm	101.2mm	4.84mm	19° Super Flo. Flat Head. Stk Stem: 7.1mm
F1423P	I	35mm	7.1mm	117.32mm	20.08mm	19° Super Flo. Flat Head. Stk Stem: 7.09mm
<b>NOTE: Ferrea offer these valves as "CUSTOM ORDER only" with the stem 7.09mm (EXH) and 7.1mm (INT)</b>						
<b>FORD COSWORTH DFX-DFS (INDY CARS)</b>						
F1407P	E	29.22mm	7.09mm	117.5mm	18.5mm	R. 12mm Flo. Flat Head. Stk stem: 7.075mm
F1415P	E	29.72mm	7.09mm	117.5mm	18.5mm	R. 12mm Flo. Flat Head. Stk stem: 7.075mm
F1428P	E	31.75mm	7.09mm	117.5mm	18.5mm	R. 12mm Flo. Flat Head. Stk stem: 7.07mm
F1406P	I	34.6mm	7.1mm	117.1mm	18.5mm	19° Super Flo. Flat Head. Stk Stem: 7.085mm
F1414P	I	35.1mm	7.1mm	117.1mm	18.5mm	19° Super Flo. Flat Head. Stk Stem: 7.085mm
F1427P	I	36.19mm	7.1mm	117.1mm	18.5mm	19° Super Flo. Flat Head. Stk Stem: 7.09mm
<b>NOTE: Ferrea offer these valves as "CUSTOM ORDER only" with the stem 7.09mm (EXH) and 7.1mm (INT)</b>						

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Part N°	Type	Head Diam.	Stem Diam.	Overall Length	Tip Length	References
<b>FORD ESCORT 2.0L - DOHC ZETEC 16 VALVE (ZX2) - 1999-2001</b>						
<b>FORD FOCUS 2.0L - DOHC ZETEC 16 VALVE (ZX3) - 2000-2001</b>						
F1817P	E	27.96 mm	6.012 mm	97.16 mm	5.25 mm	25° Flo. Stock size. Super Alloy
F1818P	E	28.96 mm	6.012 mm	97.16 mm	5.25 mm	25° Flo. 1 mm oversize. Super Alloy
F1959P	E	28.96 mm	5.5 mm	97.16 mm	5.25 mm	25° Flo. 1 mm oversize. Super Alloy
F1819P	I	32 mm	6.03 mm	97.55 mm	5.25 mm	25° Super Flo. Stock size
F1820P	I	33 mm	6.03 mm	97.55 mm	5.25 mm	25° Super Flo. 1 mm oversize
F1960P	I	33 mm	5.5 mm	97.55 mm	5.25 mm	25° Super Flo. 1 mm oversize
<b>FORD 2.3L - DOHC DURATEC 16 VALVE (23E) - 2003-2008</b>						
F1910P	E	29.96 mm	5.47 mm	104.78 mm	4 mm	20° Flo. Stock size. Super Alloy
F1911P	E	30.96 mm	5.47 mm	104.78 mm	4 mm	20° Flo. 1 mm oversize. Super Alloy
F1908P	I	35.08 mm	5.48 mm	103.6 mm	4 mm	20° Super Flo. Stock size
F1909P	I	36.08 mm	5.48 mm	103.6 mm	4 mm	20° Super Flo. 1 mm oversize
<b>FORD FOCUS SVT - 2002-2003</b>						
F1923P	E	27.97 mm	6.02 mm	102.30 mm	5.20 mm	25° Flo. Triple Groove
F1925P	E	28.97 mm	6.02 mm	102.30 mm	5.20 mm	25° Flo. + 1 mm oversize. Triple Groove
F1922P	I	33.53 mm	6.03 mm	102.80 mm	3.20 mm	25° Super Flo. Triple Groove
F1924P	I	34.53 mm	6.03 mm	102.80 mm	3.20 mm	25° Super Flo. + 1 mm oversize. Triple Groove
<b>GM 2.2 ECO TEC</b>						
F1961P	E	30.1 mm	5.96 mm	101.5 mm	5.5 mm	22° Flo. Stock size
F1962P	E	31.1 mm	5.96 mm	101.5 mm	5.5 mm	22° Flo. 1 mm oversize
F1963P	I	35.1 mm	5.97 mm	102.5 mm	5.5 mm	20° Super Flo. Stock size
<b>GM 5 CYLINDER - L5</b>						
F1948P	E	30.15 mm	5.96 mm	108 mm	5.5 mm	22° Flo. Stock size
F1949P	E	31.15 mm	5.96 mm	108 mm	5.5 mm	22° Flo. 1 mm oversize
F1950P	I	37 mm	5.97 mm	105.5 mm	5.5 mm	20° Super Flo. Stock size
F1951P	I	38 mm	5.97 mm	105.5 mm	5.5 mm	20° Super Flo. 1 mm oversize
<b>HONDA ACCORD 2.2L - SOHC 16 VALVE (F22B2-F22B6) - 1994-1995</b>						
F1900P	E	29 mm	5.46 mm	123.55 mm	4.00 mm	22° Flo. Stock size. Super Alloy
F1901P	E	30 mm	5.46 mm	123.55 mm	4.00 mm	22° Flo. 1 mm oversize. Super Alloy
F1902P	I	32 mm	5.48 mm	112.10 mm	2.50 mm	20° Super Flo. Stock size
F1903P	I	33 mm	5.48 mm	112.10 mm	2.50 mm	20° Super Flo. 1 mm oversize
<b>HONDA ACCORD 2.2L - SOHC V-TEC 16 VALVE (F22B1) - 1994-1997</b>						
F1801P	E	29 mm	5.46 mm	114.25 mm	3.5 mm	25° Flo. Stock size. Super Alloy
F1803P	E	30 mm	5.46 mm	114.25 mm	3.5 mm	25° Flo. 1 mm oversize. Super Alloy
F1800P	I	34 mm	5.48 mm	116 mm	3.5 mm	25° Super Flo. Stock size
F1802P	I	35 mm	5.48 mm	116 mm	3.5 mm	25° Super Flo. 1 mm oversize
<b>HONDA CIVIC CRX SI 1.6L - SOHC 16 VALVE (D16A6) - 1988-1991</b>						
F1857P	E	25 mm	5.5 mm	118.75 mm	4.35 mm	25° Flo. Stock size. Super Alloy
F1858P	E	26 mm	5.5 mm	118.75 mm	4.35 mm	25° Flo. 1 mm oversize. Super Alloy
F1855P	I	29 mm	5.5 mm	115 mm	4.1 mm	25° Super Flo. Stock size
F1856P	I	30 mm	5.5 mm	115 mm	4.1 mm	25° Super Flo. 1 mm oversize
<b>HONDA CIVIC 1.6L - SOHC 16 VALVE (D16Z6-Y5-Y7-Y8) - 1992-2000</b>						
F1821P	E	26 mm	5.46 mm	115.95 mm	1.9 mm	22° Flo. Stock size. Super Alloy
F1495P	E	27 mm	5.46 mm	115.95 mm	1.9 mm	22° Flo. 1 mm oversize. Super Alloy
F1822P	I	30 mm	5.48 mm	118.6 mm	1.9 mm	20° Super Flo. Stock size
F1494P	I	31 mm	5.48 mm	118.6 mm	1.9 mm	20° Super Flo. 1 mm oversize
<b>HONDA DEL SOL 1.6L - DOHC V-TEC 16 VALVE (B16A1) - 1994-1997</b>						
<b>HONDA CIVIC SI 1.6L - DOHC V-TEC 16 VALVE (B16A3) - 1999-2000</b>						
F1449P	E	28 mm	5.45 mm	102.5 mm	2.5 mm	25° Flo Stock size. Super Alloy
F1447P	E	28.5 mm	5.45 mm	102.5 mm	2.5 mm	25° Flo - .5 mm oversize. Super Alloy
F1445P	E	29 mm	5.45 mm	102.5 mm	2.5 mm	25° Flo - 1 mm oversize. Super Alloy
F1448P	I	33 mm	5.47 mm	102.35 mm	2.5 mm	25° Super Flo. Stock size
F1446P	I	33.5 mm	5.47 mm	102.35 mm	2.5 mm	25° Super Flo - .5 mm oversize
F1444P	I	34 mm	5.47 mm	102.35 mm	2.5 mm	25° Super Flo - 1 mm oversize
<b>HONDA CRV 2.0L - DOHC 16 VALVE (B20A-B20Z) - 1997-2000</b>						
F1815P	E	28 mm	6.54 mm	106.02 mm	4.1 mm	30° Flo Dish Head - Stock soze. Super Alloy
F1488P	E	28.5 mm	6.54 mm	106.02 mm	4.1 mm	30° Flo Dish Head - .5 mm oversize. Super Alloy
F1489P	E	29 mm	6.54 mm	106.02 mm	4.1 mm	30° Flo Dish Head - 1 mm oversize. Super Alloy-
<b>HONDA CRV 2.0L - DOHC 16 VALVE (B20A-B20Z) - 1997-2000</b>						
F1816P	I	31 mm	6.57 mm	105.5 mm	4.1 mm	20° Super Flo Dish Head - Stock soze
F1490P	I	31.5 mm	6.57 mm	105.5 mm	4.1 mm	20° Super Flo Dish Head - .5 mm oversize
F1491P	I	32 mm	6.57 mm	105.5 mm	4.1 mm	20° Super Flo Dish Head - 1 mm oversize

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Part N°	Type	Head Diam.	Stem Diam.	Overall Length	Tip Length	References
<b>HONDA PRELUDE 2.2L - DOHC V-TEC 16 VALVE (H22A1-A4) - 1993-2000</b>						
F1823P	E	30 mm	5.48 mm	107.1 mm	1.9 mm	22° Flo. Stock size. Super Alloy
F1958P	E	30.5 mm	5.48 mm	107.1 mm	1.9 mm	22° Flo - .5 mm oversize. Super Alloy
F1458P	E	31 mm	5.48 mm	107.1 mm	1.9 mm	22° Flo. 1 mm oversize. Super Alloy
F1824P	I	35 mm	5.48 mm	106.85 mm	1.9 mm	20° Super Flo. Stock size
F1956P	I	35.5 mm	5.48 mm	106.85 mm	1.9 mm	20° Super Flo - .5 mm oversize
F1456P	I	36 mm	5.48 mm	106.85 mm	1.9 mm	20° Super Flo. 1 mm oversize
<b>HONDA S 2000 (F20C) - 2000-2003 / HONDA S 2000 (F22C) - 2004-2008</b>						
F1952P	E	31 mm	5.46 mm	109 mm	2.5 mm	22° Flo. Stock size
F1953P	E	32 mm	5.46 mm	109 mm	2.5 mm	22° Flo. +1mm o/size
F1954P	I	36 mm	5.48 mm	109.8 mm	2.5 mm	20° Super Flo. Stock size
F1955P	I	37 mm	5.48 mm	109.8 mm	2.5 mm	20° Super Flo. +1mm o/size
<b>HYUNDAI TIBURON 4 CYL - DOHC 16 VALVE - 1996-2001</b>						
F2125P	E	27.85mm	5.95mm	105.02mm	4.2mm	22° Flo. Single Radial Gro. Stock size. Special Alloy
F2126P	E	28.85mm	5.95mm	105.02mm	4.2mm	22° Flo. Single Radial Gro. +1 mm. Special Alloy
F2127P	I	32.05mm	5.97mm	102.4mm	5.5mm	20° Flo. Single Radial Gro. Stock size. Special Alloy
F2128P	I	33.05mm	5.97mm	102.4mm	5.5mm	20° Flo. Single Radial Gro. +1 mm. Special Alloy
<b>HYUNDAI V-6 TIBURON - 2001-2008</b>						
F1970P	E	27.5 mm	5.96 mm	97.3 mm	4 mm	22° Flo. Stock size
F1971P	E	28.5 mm	5.96 mm	97.3 mm	4 mm	22° Flo. + 1 mm oversize
F1972P	I	32 mm	5.98 mm	96.3 mm	4 mm	20° Super Flo. Stock size
F1973P	I	33 mm	5.98 mm	96.3 mm	4 mm	20° Super Flo. + 1 mm oversize
<b>MAZDA 626 2.0L - SOHC 8 VALVE (TURBO FE &amp; NON TURBO FE) - 1983-1987</b>						
F1833P	E	36 mm	8 mm	111.68 mm	5 mm	20° Flo. Stock size. Super Alloy
F1834P	E	37 mm	8 mm	111.68 mm	5 mm	20° Flo. 1 mm oversize. Super Alloy
F1831P	I	44 mm	8 mm	111.9 mm	5 mm	20° Super Flo. Stock size
F1832P	I	45 mm	8 mm	111.9 mm	5 mm	20° Super Flo. 1 mm oversize
<b>MAZDA 626 V6 2.5 L - DOHC KL - 1993-1998</b>						
F1906P	E	27.63 mm	5.97 mm	95.25 mm	2.5 mm	18° Flo. Stock size
F1907P	E	28.63 mm	5.97 mm	95.25 mm	2.5 mm	18° Flo. +1mm o/size
F1904P	I	32.05 mm	5.98 mm	94.3 mm	2.5 mm	15° Super Flo. Stock size
F1905P	I	33.05 mm	5.98 mm	94.3 mm	2.5 mm	15° Super Flo. +1mm o/size
<b>MAZDA MIATA 1.6L - DOHC 16 VALVE (B6) - 1990-1993 (Hydraulic Buckets)</b>						
<b>MAZDA MIATA 1.8L - DOHC 16 VALVE (BP056) - 1994-2002 (Hydraulic &amp; Solid Buckets)</b>						
Parts for these applications are no longer offered as stock items due to changes in valvetrain components over their production span. These items must be ordered as custom made parts.						
<b>MINI COOPER S - 16 VALVE - 2002-2006</b>						
F1568P	E	23.25mm	5.91mm	118.3mm	7mm	19° Flo. Stock size. Single Radial Gro. Special Alloy
F1569P	E	24.50mm	5.91mm	118.3mm	7mm	19° Flo. Single Radial Gro. +1.25mm. Super Alloy
F1573P	E	24.50mm	5.91mm	118.3mm	7mm	19° Flo. Single Radial Gro. +1.25mm. Special Alloy
F1566P	I	30.25mm	5.95mm	109.5mm	7mm	21° Super Flo. Stock size. Single Radial Groove
F1567P	I	31.5mm	5.95mm	109.5mm	7mm	21° Super Flo. Single Radial Groove. +1.25mm
<b>NOTE: Must use Ferrea Titanium Retainer # E11059 and Ferrea Lock # K10070</b>						



*Tony Morris from Orion Sports Marketing Mitsubishi Evolution VIII has an amazing record of road racing and display of big horsepower with Ferrea valvetrain Components.*

# SPORT COMPACT COMPETITION PLUS VALVES

Part N°	Type	Head Diam.	Stem Diam.	Overall Length	Tip Length	References
<b>MITSUBISHI 3000 GT 3.0L - DOHC 24 VALVES (6G72-TURBO 6G72T) - 1990-2001</b>						
F1853P	E	30.5 mm	6.55 mm	105.5 mm	3.8 mm	25° Flo. Stock size. Super Alloy
F1854P	E	31.5 mm	6.55 mm	105.5 mm	3.8 mm	25° Flo. 1 mm oversize. Super Alloy
F1851P	I	35 mm	6.57 mm	106.35 mm	3.8 mm	25° Super Flo. Stock Size
F1852P	I	36 mm	6.57 mm	106.35 mm	3.8 mm	25° Super Flo. 1 mm oversize
<b>MITSUBISHI ECLIPSE GS-GST 2.0L - DOHC 16 VALVE (4G63-4G63T) - 1990-1999</b>						
F1825P	E	30.5 mm	6.55 mm	109.7 mm	3.8 mm	22° Flo. Stock size. Super Alloy
F1454P	E	31.5 mm	6.55 mm	109.7 mm	3.8 mm	22° Flo. 1 mm oversize. Super Alloy
F1826P	I	34 mm	6.57 mm	109.7 mm	3.8 mm	20° Super Flo. Stock size
F1452P	I	35 mm	6.57 mm	109.7 mm	3.8 mm	20° Super Flo. 1 mm oversize
<b>MITSUBISHI LANCER EVOLUTION 2L - DOHC 16 VALVE (TURBO 4G63T) - 2003-2007</b>						
F1825P	E	30.5 mm	6.55 mm	109.7 mm	3.8 mm	22° Flo. Stock size
F1454P	E	31.5 mm	6.55 mm	109.7 mm	3.8 mm	22° Flo. + 1 mm oversize
F1826P	I	34 mm	6.57 mm	109.7 mm	3.8 mm	20° Super Flo. Stock size
F1452P	I	35 mm	6.57 mm	109.7 mm	3.8 mm	20° Super Flo. + 1 mm oversize
<b>NISSAN 280 ZX 2.8L - SOHC 12 VALVE (L28E-TURBO L28ET) - 1981-1983</b>						
F1841P	E	35 mm	8 mm	115.25 mm	3 mm	20° Flo. Stock size. Super Alloy
F1842P	E	36 mm	8 mm	115.25 mm	3 mm	20° Flo. 1 mm oversize. Super Alloy
F1839P	I	44 mm	8 mm	114.3 mm	3 mm	20° Super Flo. Stock size
F1840P	I	45 mm	8 mm	114.3 mm	3 mm	20° Super Flo. 1 mm oversize
<b>NISSAN 300 ZX 3.0L - SOHC 12 VALVE (VG30D-TURBO VG30T) - 1984-1989</b>						
F1845P	E	35.1 mm	8 mm	124.5 mm	4.5 mm	20° Flo. Stock size. Super Alloy
F1846P	E	36.1 mm	8 mm	124.5 mm	4.5 mm	20° Flo. 1 mm oversize. Super Alloy
F1843P	I	42 mm	7 mm	125.85 mm	4.5 mm	20° Super Flo. Stock size
F1844P	I	43 mm	7 mm	125.85 mm	4.5 mm	20° Super Flo. 1 mm oversize
<b>NISSAN 300 ZX 3.0L - DOHC 24 VALVE (VG30D-TURBO VG30DTT) - 1990-1996</b>						
F1849P	E	29.5 mm	6 mm	103.65 mm	3.5 mm	25° Flo. Stock size. Super Alloy
F1850P	E	30.5 mm	6 mm	103.65 mm	3.5 mm	25° Flo. 1 mm oversize. Super Alloy
F1847P	I	34 mm	6 mm	103.13 mm	3.5 mm	25° Super Flo. Stock size
F1848P	I	35 mm	6 mm	103.13 mm	3.5 mm	25° Super Flo. 1 mm oversize
<b>NISSAN 350 Z 3.5 L - V-6 - DOHC 24 VALVE (VQ35) - 2003-2008</b>						
F1564P	E	31.35mm	5.96mm	94mm	3.5mm	22° Flo. Radial Groove. Stock. Special Alloy
F1565P	E	32.35mm	5.96mm	94mm	3.5mm	22° Flo. Radial Gro. + 1mm o/size. Super Alloy Turbo Appl.
F1562P	I	37.15mm	5.97mm	96.45mm	3.5mm	20° Super Flo. Radial Groove. Stock. Special Alloy
F1563P	I	38.15mm	5.97mm	96.45mm	3.5mm	20° Super Flo. Radial Gro. + 1mm o/size. Special Alloy
<b>NISSAN ALTIMA 2.4L - DOHC 16 VALVE (KA24DE) - 1995-1999</b>						
<b>NISSAN 240 SX 2.4L - DOHC 16 VALVE (KA24DE) - 1991-1998</b>						
F1837P	E	31.3 mm	7 mm	98.85 mm	4.5 mm	25° Flo. Stock size. Super Alloy
F1838P	E	32.3 mm	7 mm	98.85 mm	4.5 mm	25° Flo. 1 mm oversize. Super Alloy
F1835P	I	36.6 mm	7 mm	101.32 mm	4.5 mm	25° Super Flo. Stock size
F1836P	I	37.6 mm	7 mm	101.32 mm	4.5 mm	25° Super Flo. 1 mm oversize
<b>NISSAN PATROL 4.8L 6 CYL IN LINE - 24 VALVE - (TB48DE)</b>						
F2153P	E	33.5 mm	6.96 mm	98.3 mm	3.5 mm	20° Flo. Stock size. Super Alloy. Turbo Appl.
F2154P	E	34.5 mm	6.96 mm	98.3 mm	3.5mm	20° Flo. + 1mm o/size. SUPER Alloy. Turbo Appl.
F2155P	I	38.5 mm	6.96 mm	100.2 mm	3.5 mm	12° Super Flo. Stock Size. Special Alloy.
F2156P	I	39.5 mm	6.96 mm	100.2 mm	3.5 mm	12° Super Flo. + 1mm o/size. Special Alloy.
<b>Tech Note: Both Exhaust and Intake Valves feature a 1 mm reduction stem in the groove area to allow the use of the same springs, retainers and locks.</b>						
<b>NISSAN PATROL 4.8L 6 CYL IN LINE - 24 VALVE - (TB48DE)</b>						
F2153P	E	33.5 mm	6.96 mm	98.3 mm	3.5 mm	20° Flo. Stock size. Super Alloy. Turbo Appl.
F2154P	E	34.5 mm	6.96 mm	98.3 mm	3.5mm	20° Flo. + 1mm o/size. Super Alloy. Turbo Appl.
F2166P	E	35 mm	6.96 mm	98.3 mm	3.5mm	20° Flo. + 1.5 mm o/size. Super Alloy. Turbo Appl.
F2155P	I	38.5 mm	6.96 mm	100.2 mm	3.5 mm	12° Super Flo. Stock Size. Special Alloy.
F2156P	I	39.5 mm	6.96 mm	100.2 mm	3.5 mm	12° Super Flo. + 1mm o/size. Special Alloy
F2167P	I	40 mm	6.96 mm	100.2 mm	3.5mm	12° Super Flo. + 1.5 mm o/size. Super Alloy.
<b>Tech Note: Both Exhaust and Intake Valves feature a 1 mm reduction stem in the groove area to allow the use of the same springs, retainers and locks.</b>						

# SPORT COMPACT COMPETITION PLUS VALVES

Part N°	Type	Head Diam.	Stem Diam.	Overall Length	Tip Length	References
<b>NISSAN SENTRA SE-R 2.0L - DOHC 16 VALVE (SR20DE) - 1991-1998</b>						
F1869P	E	30.15 mm	5.94 mm	102.4 mm	3.5 mm	22° Flo. Stock size. Super Alloy
F1870P	E	31.15 mm	5.94 mm	102.4 mm	3.5 mm	22° Flo. 1 mm oversize. Super Alloy
F1867P	I	34.15 mm	5.96 mm	101.4 mm	3.5 mm	20° Super Flo. Stock size
F1868P	I	35.15 mm	5.96 mm	101.4 mm	3.5 mm	20° Super Flo. 1 mm oversize
<b>NISSAN SENTRA SE-R 2.0L - DOHC 16 VALVE (SR20DET) 1991-1998</b>						
F2129P	E	30.15 mm	6.95 mm	102.4 mm	3.5 mm	22° Flo. Radial Groove. Stock. Super Alloy. Turbo appl.
F2130P	E	31.15 mm	6.95 mm	102.4 mm	3.5 mm	22° Flo. Radial Groove+1mm o/size. Super Alloy. Turbo appl.
F1867P	I	34.15 mm	5.96 mm	101.4 mm	3.5 mm	20° Super Flo. Radial Gro. Stock Size
F1868P	I	35.15 mm	5.96 mm	101.4 mm	3.5 mm	20° Super Flo. Radial Gro.+ 1 mm oversize
(*) Both Exhaust Valves feature a 1 mm reduction stem in the groove area to allow the use of the same springs, retainers and valve locks used in the Intake Valves.						
<b>NISSAN SENTRA SE-R 2.5L - SPEC V (QR25) - 2002</b>						
F1974P	E	30.65 mm	5.96 mm	98.96 mm	3 mm	25° Flo. Stock Size
F1975P	E	31.65 mm	5.96 mm	98.96 mm	3 mm	25° Flo. + 1 mm oversize.
F1976P	I	35.75 mm	5.97 mm	97.25 mm	3 mm	20° Super Flo. Stock Size
F1977P	I	36.75 mm	5.97 mm	97.25 mm	3 mm	20° Super Flo. + 1 mm oversize.
NOTE: These Ferrea Valves do not reduce the stem diameter to 5.5mm in the groove area. If you are using either the OEM retainer or the Ferrea retainer E11051, you must use Ferrea locks K10066. These locks will allow the valves to work with either retainer.						
<b>NISSAN SKYLINE 6 CYL IN LINE - 24 VALVE - (RB25DET) - 1993-1997</b>						
F2149P	E	29.6 mm	5.96 mm	88.95 mm	3.2 mm	21° Flo. Stock size. Super Alloy. Turbo Applications
F2150P	E	30.6 mm	5.96 mm	88.95 mm	3.2 mm	21° Flo. +1 mm o/s. Super Alloy. Turbo Applications
F2151P	I	34.12 mm	5.97 mm	86.7 mm	3.5 mm	15° Super Flo. Stock size. Special Alloy
F2152P	I	35.12 mm	5.97 mm	86.7 mm	3.5 mm	15° Super Flo. +1 mm o/s. Special Alloy
<b>NISSAN SKYLINE 6 CYL IN LINE - 24 VALVE - (RB26) - 1989-2002</b>						
F2131P	E	30.15mm	6.9mm	101.52mm	3.5mm	22° Flo. Radial Gro. Stock. Super Alloy Turbo appl.
F2132P	E	31.15mm	6.9mm	101.52mm	3.5mm	22° Flo. Radial Gro. + 1mm o/size. Super Alloy Turbo appl.
F2133P	I	34.6mm	5.98mm	102.33mm	3.5mm	20° Super Flo. Radial Groove. Stock. Special Alloy
F2134P	I	35.6mm	5.98mm	102.33mm	3.5mm	20° Super Flo. Radial Gro. + 1mm o/size. Special Alloy
(*) Both Exhaust Valves feature a 1 mm reduction stem in the groove area to allow the use of the same springs, retainers and valve locks used in the Intake Valves.						
<b>NISSAN SKYLINE 6 CYL IN LINE - 24 VALVE - (NEO RB25DET) - 1998-2002</b>						
F1935P	E	29.65 mm	5.96 mm	97.95 mm	3.7 mm	22° Flo. Stock size.
F1936P	E	30.65 mm	5.96 mm	97.95 mm	3.7 mm	22° Flo. + 1 mm oversize.
F1933P	I	34.15 mm	5.98 mm	104.2 mm	6.25 mm	20° Super Flo. Stock size.
F1934P	I	35.15 mm	5.98 mm	104.2 mm	6.25 mm	20° Super Flo. + 1 mm oversize.
<b>SATURN ILO 1.9L - 1991-1998 (For Hydraulic Bucket)</b>						
F1915P	E	27.5 mm	6.95 mm	101.55 mm	4 mm	22° Super Flo. Stock size
F1916P	E	28.5 mm	6.95 mm	101.55 mm	4 mm	22° Super Flo. +1 mm oversize
F1912P	I	32.35 mm	6.97 mm	101.7 mm	4 mm	20° Super Flo. Double seat. Stock size
F1914P	I	33.35 mm	6.97 mm	101.7 mm	4 mm	20° Super Flo. Double seat. +1 mm oversize



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components to run his USAC  
Sprint Car that is powered  
by a Honda S2000.

# SPORT COMPACT COMPETITION PLUS VALVES

Part N°	Type	Head Diam.	Stem Diam.	Overall Length	Tip Length	References
<b>SATURN ILO 1.9L - 1991-1998 (For Solid Bucket)</b>						
F1917P	E	30 mm	5.455 mm	113.35 mm	19 mm	22° Flo. +2.5 mm oversize
F1918P	I	35 mm	5.48 mm	113.5 mm	19 mm	25° Super Flo. Double seat. +2.65 mm oversize
<b>SCION tC 2.4L - DOHC 16 VALVE (2AZFE) - 2005</b>						
F2145P	E	29.45 mm	5.48 mm	101.22 mm	2.55 mm	22° Flo. Stock size. Super Alloy
F2146P	E	30.45 mm	5.48 mm	101.22 mm	2.55 mm	22° Flo. 1 mm oversize. Super Alloy
F2147P	I	34.00 mm	5.5 mm	101.85 mm	2.55 mm	19° S. Flo. Stock Size. Special Alloy
F2148P	I	35.00 mm	5.5 mm	101.85 mm	2.55 mm	19° S. Flo. 1 mm oversize. Special Alloy
<b>SUBARU 2.5 L - EJ25D - 1996-1998</b>						
F1937P	E	30.5 mm	5.96 mm	122.3 mm	4 mm	21° Flo. Stock size. Super Alloy
F1969P	E	30.5 mm	5.96 mm	122.3 mm	4 mm	21° Flo. Stock size.
F1938P	E	31.5 mm	5.96 mm	122.3 mm	4 mm	21° Flo. + 1 mm oversize. Super Alloy
F1957P	E	31.5 mm	5.96 mm	122.3 mm	4 mm	21° Flo. + 1 mm oversize.
F1939P	I	35.04 mm	5.98 mm	121 mm	4 mm	19° Super Flo. Stock size.
F1940P	I	36.04 mm	5.98 mm	121 mm	4 mm	19° Super Flo. + 1 mm oversize
NOTE: These Ferrea Valves must be used with Ferrea Valve Locks # K10061.						
<b>SUBARU WRX - EJ20 - 2001-2008</b>						
F1968P	E	32 mm	5.96 mm	104.75 mm	3.5 mm	25° Flo. Stock size. Super Alloy
F1966P	E	33 mm	5.96 mm	104.75 mm	3.5 mm	25° Flo. + 1 mm oversize. Super Alloy
F1967P	I	36 mm	5.97 mm	104.6 mm	3.5 mm	19° Super Flo. Stock size.
F1965P	I	37 mm	5.97 mm	104.6 mm	3.5 mm	19° Super Flo. + 1 mm oversize
NOTE: These Ferrea Valves must be used with Ferrea Valve Locks # K10061.						
<b>SUBARU WRX - STI - 2004-2008</b>						
F1514P	E	32 mm	5.96 mm	104.75 mm	3.5 mm	25° Flo. Stock size. Super Alloy
F1519P	E	33 mm	5.96 mm	104.75 mm	3.5 mm	25° Flo. + 1 mm oversize. Super Alloy
F1520P	I	36 mm	5.97 mm	104.6 mm	3.5 mm	19° Super Flo. Stock size.
F1524P	I	37 mm	5.97 mm	104.6 mm	3.5 mm	19° Super Flo. + 1 mm oversize
NOTE: These Ferrea Valves must be used with Ferrea Valve Locks # K10074.						
<b>TOYOTA 2TC-3TC-20R-22R</b>						
F1435P	E	38 mm	8 mm	113.3 mm	4.6 mm	19° Super Flo-Toyotoa 20R
F1433P	E	39 mm	8 mm	108.9 mm	5 mm	19° Super Flo-Toyota 2TC-3TC
F1431P	E	39 mm	8 mm	112.2 mm	4.6 mm	19° Super Flo-Toyota 22R
F1434P	I	44 mm	8 mm	108.2 mm	5 mm	R. 8.3 mm Super Flo-Toyota 2TC-3TC
F1436P	I	45 mm	8 mm	115.4 mm	4.6 mm	R. 8.3 mm Super Flo-Toyota 20R
F1432P	I	47.1 mm	8 mm	113.4 mm	4.6 mm	R. 8.3 mm Super Flo-Toyota 22R
<b>TOYOTA 4AG 1.6L 16 VALVE (ATLANTIC)- 1983-1989</b>						
F1422P	E	27.5 mm	6 mm	99.75 mm	3.5 mm	28° Flo
F1421P	I	32 mm	6 mm	99.6 mm	3.5 mm	15° Flo
<b>TOYOTA MR2 2.0L - DOHC 16 VALVE (TURBO 3SGTE) - 1990-1995</b>						
F1865P	E	29 mm	6 mm	99.65 mm	3.5 mm	25° Flo. Stock size. Super Alloy
F1866P	E	30 mm	6 mm	99.65 mm	3.5 mm	25° Flo. 1 mm oversize. Super Alloy
F1863P	I	33.5 mm	6 mm	100.70 mm	3.5 mm	25° Super Flo. Stock size
F1864P	I	34.5 mm	6 mm	100.70 mm	3.5 mm	25° Super Flo. 1 mm oversize
<b>TOYOTA LANDCRUISER 4.5L - DOHC 24 VALVE (1FZFE) - 1993-1997</b>						
F2170P	E	32 mm	6.97 mm	97.86 mm	2.54 mm	22° Flo. Stock size. Special Alloy
F2168P	E	35 mm	6.97 mm	97.86 mm	2.54 mm	22° Flo. +3 mm oversize. Special Alloy
F2171P	I	38 mm	6.97 mm	98.35 mm	2.54 mm	20° Flo. Stock size. Special Alloy
F2169P	I	41 mm	6.97 mm	98.35 mm	2.54 mm	20° Flo. +3 mm oversize. Special Alloy



Brent Rau ten half inch tire drag car runs in the ADRL Series with big cubic inch V8s and runs record time with a Mitsubishi 4G63 Engine using nothing but Ferrea Racing Components.



Eserini Automotive turns up the wick with their record-holding rail chassis dragster powered by a water-cooled VW VR6 by running 7.339 @ 183.43mph in the 1/4 mile using Ferrea Racing valve train components.

# SPORT COMPACT COMPETITION PLUS VALVES

Part N°	Type	Head Diam.	Stem Diam.	Overall Length	Tip Length	References
<b>TOYOTA 2.0 L - 3SGE ENGINE -</b>						
F1944P	E	30.1 mm	5.46 mm	109.32 mm	2.25 mm	20° Flo. Oversize. Special Alloy
F1945P	I	35.5 mm	5.47 mm	106.63 mm	2 mm	12° Super Flo. Oversize
<b>TOYOTA SUPRA 3.0L - DOHC 24 VALVE (7MGE-TURBO 7MGTE) - 1986-1992</b>						
F1861P	E	27.5 mm	6 mm	98.20 mm	4 mm	25° Flo. Stock size. Super Alloy
F1862P	E	28.5 mm	6 mm	98.20 mm	4 mm	25° Flo. 1 mm oversize. Super Alloy
F1859P	I	32 mm	6 mm	98.20 mm	4 mm	25° Super Flo. Stock size
F1860P	I	33 mm	6 mm	98.20 mm	4 mm	25° Super Flo. 1 mm oversize
<b>TOYOTA SUPRA 3.0L I/L 6 CYL - DOHC 24 VALVE (2JZGE-2JZGTE) - 1994-1998</b>						
F1499P	E	29 mm	5.98 mm	99.1 mm	3.5 mm	22° Flo. Stock size. Super Alloy
F1497P	E	30 mm	5.98 mm	99.1 mm	3.5 mm	22° Flo. 1 mm oversize. Super Alloy
F1498P	I	33.6 mm	5.98 mm	98.55 mm	3.5 mm	20° Super Flo. Stock size
F1496P	I	34.6 mm	5.98 mm	98.55 mm	3.5 mm	20° Super Flo. 1 mm oversize
<b>TOYOTA TACOMA (2RZ - 3RZ)</b>						
F1993P	E	30.60 mm	5.967 mm	103.6 mm	3.50 mm	21° Flo. Dish Head. Stock size. Special Alloy
F1995P	E	31.60 mm	5.967 mm	103.6 mm	3.50 mm	21° Flo. Dish Head - 1mm oversize. Special Alloy
F1992P	I	37.55 mm	5.97 mm	103.6 mm	3.50 mm	19° Super Flo. Dish Head. Stock size.
F1994P	I	38.55 mm	5.97 mm	103.6 mm	3.50 mm	19° Super Flo. Dish Head. - 1mm oversize.
<b>VW 1.8T - DOHC 20 VALVE - 1998-2005</b>						
F1554P	E	29.9 mm	5.96 mm	103.92 mm	5 mm	26° Flo. Stock size. Trip. Groove. <b>2 Valves Required</b>
F1555P	E	30.9 mm	5.96 mm	103.92 mm	5 mm	26° Flo. + 1 mm o/s. Trip. Groove. <b>2 Valves Required</b>
F1556P	I	26.9 mm	5.97 mm	105.1 mm	5 mm	24° Sup Flo. Stock size. Trip Groove. <b>3 Valves Required</b>
F1557P	I	27.9 mm	5.97 mm	105.1 mm	5 mm	24° Sup Flo. + 1 mm o/s. Trip. Groove. <b>3 Valves Required</b>
<b>VW VR6 2.8L - DOHC 12 VALVE - 1992-2002</b>						
F1932P	E	34 mm	6.96 mm	106.90 mm	2.25 mm	22° Flo. Stock Size
F1920P	E	35 mm	6.96 mm	106.90 mm	2.25 mm	22° Flo. + 1 mm oversize
F1921P	E	35 mm	6.96 mm	106.90 mm	2.25 mm	22° S. Flo. + 1 mm o/size. S. Alloy. Turbo Appl.
F2135P	E	36 mm	6.96 mm	106.90 mm	2.25 mm	22° S. Flo. + 2 mm o/size. S. Alloy. Turbo Appl.
F1931P	I	39 mm	6.98 mm	106.15 mm	2.25 mm	20° S. Flo. Stock Size
F1919P	I	40 mm	6.98 mm	106.15 mm	2.25 mm	20° S. Flo. + 1 mm oversize
F2136P	I	41 mm	6.98 mm	106.15 mm	2.25 mm	20° S. Flo. + 2 mm oversize
<b>VW VR6 2.8L - DOHC 24 VALVE (BDF) - 2002-2004 (*)</b>						
F1988P	E	27.00mm	5.94mm	136.48mm	4.6mm	25° Flo. Triple Gro. Special Alloy. - Stock size
F1989P	E	27.00mm	5.94mm	102.58mm	4.6mm	25° Flo. Triple Gro. Special Alloy. - Stock size
F1990P	E	28.00mm	5.94mm	136.48mm	4.6mm	25° Flo. Triple Gro. Special Alloy. - 1mm oversize
F1991P	E	28.00mm	5.94mm	102.58mm	4.6mm	25° Flo. Triple Gro. Special Alloy. - 1mm oversize
F2137P	E	29.00mm	5.94mm	136.48mm	4.6mm	25° Flo. Triple Gro. Special Alloy. - 2mm oversize
F2138P	E	29.00mm	5.94mm	102.58mm	4.6mm	25° Flo. Triple Gro. Special Alloy. - 2mm oversize
F1984P	I	31.00mm	5.95mm	136.30mm	4.6mm	25° S. Flo. Triple Gro. Special Alloy. - Stock size
F1985P	I	31.00mm	5.95mm	102.40mm	4.6mm	25° S. Flo. Triple Gro. Special Alloy. - Stock size
F1986P	I	32.00mm	5.95mm	136.30mm	4.6mm	25° S. Flo. Triple Gro. Special Alloy. - 1mm o/size
F1987P	I	32.00mm	5.95mm	102.40mm	4.6mm	25° S. Flo. Triple Gro. Special Alloy. - 1mm o/size
F2139P	I	33.00mm	5.95mm	136.30mm	4.6mm	25° S. Flo. Triple Gro. Special Alloy. - 2mm o/size
F2140P	I	33.00mm	5.95mm	102.40mm	4.6mm	25° S. Flo. Triple Gro. Special Alloy. - 2mm o/size

(\*) Every motor takes 6 long INT valves, 6 short INT valves, 6 long EXH valves, 6 short EXH valves

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