

SUPER ALLOY VALVES

Super Alloy.... THE NEXT GENERATION OF VALVE TECHNOLOGY

Ferrea super alloy valves...represent the highest level of sophistication in valve technology. We proudly introduced the next generation of extreme heat resistant valves, specifically developed to withstand the brutal punishment, which is setting the standards for all Supercharged, Turbocharged, Nitrous Oxide, Off-Shore Marine or 9.0 compression restricted race motors. Many Top Fuel Dragster and Funny Car teams can confirm the performance and reliability of these new valves which are now available for many engine combinations including, NASCAR, Sprint Car, Drag Race, and Off-Shore Marine applications.



We have expanded our offerings for the **Top/Fuel and Funny/Car** applications with a **Super Alloy Valve** available for every after-market head in both 11/32 & 3/8-stem sizes.

We are also reaching a fast growing segment in the *Import Cars* with the introduction of our New **Super Alloy Import-Tuner Valve program**. These valves are specially designed for use in racing engines that are subjected to extreme exhaust temperatures such as **turbo, nitrous, or supercharged racing engines**. No other valve on the market has been designed specifically for these applications. Once again **Ferrea** is setting the pace.

Part N°	Type	Head Diam.	Stem Diam.	Overall Length	Tip Length	References
CHEVROLET BIG BLOCK (11/32)						
F1261P	E	1.880	11/32	5.450	.250	22° Super Flo. GM/Edelbrock. Super Alloy
F1271P	E	1.880	11/32	5.450	.250	22° Super Flo. GM/Edelbrock. Light weight. Super Alloy
F1270P	E	1.900	11/32	5.450	.250	22° Flo-Marine/Drag-Sup Alloy-BBC
F1216P	E	1.920	11/32	5.425	.250	13° Flo-Hi Temp Special Alloy-BBC
F1260P	E	1.940	11/32	5.450	.250	22° Flo-Marine/Drag-Sup Alloy-BBC
CHEVROLET BIG BLOCK (3/8)						
F2120P	E	1.890	3/8	5.400	.225	22° Tulip Flo-Super Alloy-Marine application-BBC
F2121P	E	1.940	3/8	5.400	.225	22° Tulip Flo-Super Alloy-Marine application-BBC
CHEVROLET SMALL BLOCK (7 MM)						
F2212P	E	1.600	7 mm	5.010	.290	24° Flo. Ultra Light - Super Alloy, Radial Groove
F2214P	E	1.600	7 mm	5.010	.290	12° Flo. Ultra Light - Super Alloy, Radial Groove



Brent Hajek 2008 5.4-liter Ford Mustang E85-fueled race car, with driver Danny Thompson, broke the previous Blown Fuel Altered Land Speed Record at 251.9 mph. Engines builder Dick Esch from More Power uses Ferrea Racing special custom Super Alloy Valves to build this powerful engine.

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Part N°	Type	Head Diam.	Stem Diam.	Overall Length	Tip Length	References
CHEVROLET SMALL BLOCK (5/16)						
F1474P	E	1.600	5/16	5.380	.290	12° NASCAR Super Alloy. +.400
F2305P	E	1.600	5/16	5.450	.250	14° Flo-Hi Temp-SBC 18°. +.500
F1134P	E	1.650	5/16	5.010	.250	12° Flo-NASCAR-Hi Temp-Inconel. +.100
F1475P	E	1.650	5/16	6.300	BLANK	12° Dish Head. Super Alloy
F1177P	E	1.650	5/16	7.500	BLANK	12° Hi Temp Special Alloy-BLANKS
F1197P	E	1.800	5/16	7.000	BLANK	24° Tulip. HiTe.Finished.No groove-BLANKS
CHEVROLET SMALL BLOCK (23°, #12 & 18° NASCAR HEADS)						
F1476P	E	1.600	11/32	4.960	.250	12° Super Flo. Super Alloy. +.050
F1479P	E	1.600	11/32	5.060	.250	12° Super Flo. Super Alloy. +.150
F1460P	E	1.600	7mm	5.160	.290	12° Super Alloy. Rad Groove. 23°. +.200
F1463P	E	1.600	7mm	5.160	.290	24° Tulip. Super Alloy. Rad Groove. 23°. +.200
F1466P	E	1.600	7mm	5.160	.290	12° Super Alloy. 23°. +.200
F1469P	E	1.600	7mm	5.160	.290	24° Tulip. Super Alloy. 23°. +.200
F1194P	E	1.600	11/32	5.160	.250	12° Sup Flo-Brodix Pon-HiTe Alloy. +.250
F1480P	E	1.600	11/32	5.160	.250	12° Super Flo. Super Alloy. 23°. +.250
F1477P	E	1.600	11/32	5.300	.250	12° Super Flo. Super Alloy. #12
F1484P	E	1.600	11/32	5.350	.250	12° Super Flo. Super Alloy. #12 & 18°. +.400
F1461P	E	1.600	7mm	5.380	.290	12° Super Alloy. Rad Groove. #12 & 18°. +.400
F1464P	E	1.600	7mm	5.380	.290	24° Tulip. Super Alloy. Rad Groove. #12 & 18°. +.400
F1467P	E	1.600	7mm	5.380	.290	12° NASCAR Super Alloy
F1474P	E	1.600	5/16	5.380	.290	12° Super Alloy. #12 & 18°. +.400
F1485P	E	1.600	11/32	5.460	.250	12° Super Flo. Super Alloy. 18°. +.500
F2202P	E	1.600	11/32	5.460	.250	15° Super Flo-Hi Temp. 18°. +.500
F1471P	E	1.600	7mm	5.550	.290	24° Tulip. Super Alloy. 18°. +.600
F1462P	E	1.600	7mm	5.550	.290	12° Super Alloy. Rad Groove. 18°. +.600
F1465P	E	1.600	7mm	5.550	.290	24° Tulip. Super Alloy. Rad Groove. 18°. +.600
F1468P	E	1.600	7mm	5.550	.290	12° Super Alloy. 18°. +.600
F1482P	E	1.600	11/32	5.560	.250	12° Super Flo. Super Alloy. 18°. +.600
F1473P	E	1.600	7mm	6.300	BLANK	24° Tulip. Super Alloy
F1195P	E	1.625	11/32	5.160	.250	12° Super Flo-Hi Temp. +.200
F1481P	E	1.625	11/32	5.350	.250	12° Super Flo. Super Alloy. #12 & 18°. +.400
F1178P	E	1.625	11/32	5.460	.250	12° Sup Flo-NASCAR TRUCKS-HiTe Alloy. 18°. +.500
F1478P	E	1.625	11/32	5.460	.250	12° Super Flo. Super Alloy. 18°. +.500
F1483P	E	1.625	11/32	5.560	.250	12° Super Flo. Super Alloy. 18°. +.600
F1472P	E	1.625	7mm	6.300	BLANK	12° Super Alloy
F1486P	E	1.625	7mm	6.300	BLANK	24° Tulip. Super Alloy
F1475P	E	1.650	5/16	6.300	BLANK	12° Dish Head. Super Alloy
F1487P	E	1.650	5/16	6.300	BLANK	24° Tulip. Super Alloy
F1184P	E	1.650	11/32	7.500	BLANK	12° HiTe Alloy. Finished.No groove-BLANKS
CHEVROLET SMALL BLOCK - LS1						
F1894P	E	1.550	.313	4.915	.160	15° S.Flo.Rad.Grov.Sup.Alloy.Turbo Application
F1893P	E	1.600	.313	4.915	.160	15° S.Flo.Rad.Grov.Sup.Alloy.Turbo Application
F1892P	E	1.600	.313	4.915	.160	24° S.Flo.Rad.Grov.Sup.Alloy.Turbo Application
CHEVROLET SMALL BLOCK - LS7						
F1598P	E	1.615	.313	5.227	.290	15° S.Flo.Rad.Grov.Sup.Alloy.Turbo Application
F1597P	E	1.615	.313	5.227	.290	24° S.Flo.Rad.Grov.Sup.Alloy.Turbo Application
CHRYSLER HEMI - DART/BAE/AJR HEADS (11/32)						
F1526P	E	1.900	11/32	5.019	.250	22° Flo-DART/55° Seat-Turbo/T Fuel/Funny Car-Hi Temp Super Alloy-CHRY HEMI



Snake Racing U.S. Smokeless Tobacco Co. dragster driven by Larry Dixon, 2002 and 2003 NHRA Top Fuel Champion, 42 career wins. First driver to 4.5 seconds, uses Ferrea Super Alloy exhaust valves.

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Part N°	Type	Head Diam.	Stem Diam.	Overall Length	Tip Length	References
CHRYSLER HEMI - DART/BAE/AJR HEADS (3/8)						
F1527P	E	1.950	11/32	5.019	.250	22° Flo-DART/BAE/AJR-50° Seat-Turbo/T Fuel/Funny Car-Hi Temp (Super Alloy)
F1535P	E	1.950	11/32	5.019	.250	22° Flo - 55° Seat (Super Alloy) T/F-F/C
F1506P	E	2.000	11/32	5.019	.250	22° Flo-DART/BAE/AJR-45° Seat-Turbo/T Fuel/Funny Car-Hi Temp Super Alloy-CHRY HEMI
F1509P	E	2.000	11/32	7.000	BLANK	22° Flo-DART/45° Seat-Turbo/T Fuel/Funny Car-Hi Temp Super Alloy-CHRY HEMI
F1531P	E	1.900	3/8	5.019	.250	22° Flo - 55° Seat (Super Alloy) T/F-F/C
F1533P	E	1.900	3/8	5.119	.250	22° Flo - 55° Seat (Super Alloy) T/F-F/C
F1537P	E	1.925	3/8	4.990	.250	22° Flo. 55° Seat. - Super Alloy. T/F - F/C
F1536P	E	1.925	3/8	5.119	.250	22° Flo. 55° Seat / 38° Backcut. Sup. Alloy. T/F-F/C
F1571P	E	1.925	3/8	5.119	.250	22° Flo. 55° Seat. Radial Groove. Sup Alloy. T/F-F/C
F1572P	E	1.925	3/8	5.219	BLANK	22° Flo. 55° Seat / 38° Backcut. - Sup Alloy. T/F-F/C
F1532P	E	1.950	3/8	5.019	.250	22° Flo - 55° Seat (Super Alloy) T/F-F/C
F1570P	E	1.950	3/8	5.019	.250	22° Flo. 55° Seat. Radial Groove. Sup Alloy. T/F-F/C
F1529P	E	1.950	3/8	5.119	.250	22° Flo - 50° Seat (Super Alloy) Funny Car/Top Fuel
F1534P	E	1.950	3/8	5.119	.250	22° Flo - 55° Seat (Super Alloy) T/F-F/C
F1530P	E	1.950	3/8	5.170	BLANK	22° Flo - 55° Seat (Super Alloy) T/F-F/C
F1507P	E	2.000	3/8	5.019	.250	22° Flo. Super Alloy.Funny Car/Top Fuel-CHRY HEMI
F1525P	E	2.000	3/8	5.119	BLANK	22° Flo - 45° Seat (Super Alloy) T/F-F/C
F1528P	E	2.000	3/8	5.119	.250	22° Flo-DART/55° Seat-Turbo/T Fuel/Funny Car-Hi Temp (Super Alloy)
F1511P	E	2.100	3/8	7.000	BLANK	22° Flo.-45° Seat-Super Alloy. Funny Car/Top Fuel-CHRY HEMI
FORD 302 - 351 (YATES NASCAR HEAD)						
F1467P	E	1.600	7mm	5.380	.290	12° NASCAR Super Alloy
F1470P	E	1.600	7mm	5.380	.290	24° Tulip NASCAR Super Alloy
F1474P	E	1.600	5/16	5.380	.290	12° NASCAR Super Alloy
F1472P	E	1.625	7mm	6.300	BLANK	12° NASCAR Super Alloy
FORD 4.6L/5.7 - SOHC V8 - 24 VALVES - 2005-2007						
F1188P	E	1.474	.235	4.580	.472	21° Flo. Stk siz. Super Alloy. Single Groove. 1 Valve required
F1189P	E	1.553	.235	4.580	.472	21° Flo. Oversize. Super Alloy. Single Groove. 1 Valve required
Tech Note: These Ferrea Racing Valves come with single radial grooves.						
These valves required Ferrea Valve Spring #10102, Ferrea Titanium #E11069 and both						
Ferrea Spring Seat Locator #SL1055 and Factory supply Spring Seat Locator and Ferrea Valve Lock #K10077						
For racing applications Ferrea Racing does not recommend the use of triple radial groove valves.						
FORD GT 5.4L - 32 VALVES - 2005-2007						
F2164P	E	1.260	.275	4.635	.390	15° Flo. Super Alloy. 3 Radial Groove. Stock



In memory of Scott Kalitta, a two-time NHRA POWERade Drag Racing Series Top Fuel champion and one of only 14 drivers in NHRA history to win in both premier nitro categories, earned 18 victories during his career. Scott was an ambassador to our sport, and will be sorrowfully missed.