

SPORT COMPACT VALVE SPRINGS



Our New **Ferrea Valve Springs** are processed with premium-grade alloy and feature special thermal treatment. Our advanced spring design and material specifications, have uniform load & stress distribution even in the most extreme racing environment. This New Valve Spring offers customers additional durability in all high revving applications at an affordable price.

SPORT COMPACT VALVE SPRINGS

Part N°	Type/Material/ Application	O.D.	I.D.	Seat Press.	Open Press.	Rate Inch	Coil Bind	Max Net Lift
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								
S10027	Dual Spring - Hi Pressure Special Alloy	22.8 mm 30.10 mm	17.15 mm 22.88 mm	100 lbs @ 34 mm	220 lbs @ 24 mm	305 lbs	20 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11000 OR Ferrea Aluminum Magnesium Retainer # E10018 and Ferrea Spring Seat Locator # SL1000 (Discard OEM Spring Seat Locator)								
S10028	Single Spring Special Alloy	30.10 mm	22.88 mm	55 lbs @ 34 mm	125 lbs @ 24 mm	178 lbs	20 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11000 OR Ferrea Aluminum Magnesium Retainer # E10018 and Factory supplied Spring Seat Locator OR Ferrea Spring Seat Locator # SL1004								
S10032	Dual Spring - Drag Racing Special Alloy	22.88 mm 30.10 mm	17.15 mm 22.88 mm	80 lbs @ 35 mm	195 lbs @ 25 mm	292 lbs	21 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11003 and Ferrea Spring Seat Locator # SL1000 (Discard OEM Spring Seat Locator)								
S10035	Dual Chrome Silicon	20.8 mm 28.0 mm	16.51 mm 20.8 mm	65 lbs @ 35 mm	185 lbs @ 25 mm	305 lbs	20 mm	14 mm
This Spring requires Ferrea Titanium Retainer #E11035 OR Ferrea Aluminum Magnesium Retainer # E10021 and Ferrea Spring Seat Locator # SL1005 (Discard OEM Spring Seat Locator)								
S10064	Dual Spring - Turbo Special Alloy- Hi Pressure	22.88 mm 30.10 mm	17.15 mm 22.88 mm	95 lbs @34 mm	215 lbs @24 mm	305 lbs	19 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11000 and Ferrea Spring Seat Locator # SL1000 (Discard OEM Spring Seat Locator)								

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Part N ^o	Type/Material/ Application	O.D.	I.D.	Seat Press.	Open Press.	Rate Inch	Coil Bind	Max Net Lift
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								
S10070	Dual Spring - Special Alloy Endurance Spring	22.85 mm 30.45 mm	17.5 mm 22.85 mm	80 lbs @33 mm	190 lbs @23 mm	279 lbs	18 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11000 and Ferrea Spring Seat Locator # SL1004 (Discard OEM Spring Seat Locator). Maximum Retainer Step: 3.6 mm								
S10086	Dual Spring Special Alloy Endurance Application	22.85mm 30.45mm	17.5mm 22.85mm	110 lb @ 34mm	260 lb @ 21mm	292 lbs	20 mm	13 mm
This Spring requires Ferrea Titanium Retainer # E11000 and Ferrea Spring Seat Locator # SL1044 (Discard OEM Spring Seat Locator) This Spring requires Ferrea Roller Rocket # RR1000								
S10104	Dual Spring - Turbo - PAC enhanced Alloy	23.10 mm 30mm	17.2mm 23.10mm	80 lbs @34 mm	195 lbs @24 mm	292 lbs	20 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11000 OR E11000LW OR Ferrea Aluminum Magnesium Retainer # E10018 and Ferrea Spring Seat Locator # SL1000 (Discard OEM Spring Seat Locator)								
ACURA RSX 2.0L - DOHC V-TEC 16 VALVE (K20) - 2001-2006								
S10099	Dual Spring-Special Alloy Endurance Spring	22.85 mm 30.45 mm	17.5 mm 22.85 mm	80 lbs @40 mm	190 lbs @30 mm	279 lbs	24 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11066 and Ferrea Spring Seat Locator # SL1052 (Discard OEM Spring Seat Locator).								
S10100	Dual Spring-Chrome Silicon Drag Racing	23.1 mm 31 mm	17.35 mm 23.1 mm	105 lbs @ 39 mm	225 lbs @ 29 mm	305 lbs	22 mm	15 mm
This Spring requires Ferrea Titanium Retainer # E11066 and Ferrea Spring Seat Locator # SL1053 (Discard OEM Spring Seat Locator)								
ACURA INTEGRA LS-GS 1.8L - DOHC 16 VALVE (B18A1-B1) - 1990-2000 HONDA CRV 2.0L - DOHC 16 VALVE (B20A-B20Z) - 1997-2000								
S10046	Dual Chrome Silicon	20.8 mm 28.0 mm	16.51 mm 20.8 mm	60 lbs @ 36.5 mm	160 lbs @ 26.5 mm	254 lbs	20 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11023. Use (FOR EXHAUST APPLICATION ONLY) Ferrea Spring Seat Locator #SL1017 FOR INTAKE APPLICATION use Factory supplied Seat Locator.								
S10050	Single Spring - Turbo Special Alloy (Intake - 12 pieces)	21.5 mm	15.1 mm	65 lbs @ 34.5 mm	145 lbs @ 24.5 mm	216 lbs	22 mm	11 mm
This Spring requires Ferrea Titanium Retainer #E11031and Ferrea Spring Seat Locator #SL1025 (Discard OEM Spring Seat Locator).								
S10056	Dual Spring - Turbo Special Alloy (Exhaust - 8 pieces)	22.75 mm 29.5 mm	17.1 mm 22.75 mm	80 lbs @ 32.5 mm	180 lbs @ 22.5 mm	254 lbs	20 mm	12 mm
This Spring requires Ferrea Titanium Retainer #E11032 and Ferrea Spring Seat Locator #SL1026 (Discard OEM Spring Seat Locator).								

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Part N°	Type/Material/ Application	O.D.	I.D.	Seat Press.	Open Press.	Rate Inch	Coil Bind	Max Net Lift
AUDI 1.8T - DOHC 20 VALVE - 1996-2005								
S10055	Single Spring - Turbo Special Alloy (Intake - 12 pieces)	21.5 mm	15.1 mm	65 lbs @ 34.5 mm	145 lbs @ 24.5 mm	216 lbs	22.5 mm	11 mm
This Spring requires Ferrea Titanium Retainer #E11031 and Ferrea Spring Seat Locator #SL1025 (Discard OEM Spring Seat Locator).								
S10056	Dual Spring - Turbo Special Alloy (Exhaust - 8 pieces)	22.75 mm 29.5 mm	17.1 mm 22.75 mm	80 lbs @ 32.5 mm	180 lbs @ 22.5 mm	254 lbs	20 mm	12 mm
This Spring requires Ferrea Titanium Retainer #E11032 and Ferrea Spring Seat Locator #SL1026 (Discard OEM Spring Seat Locator).								
AUDI 2.7T - DOHC 30 VALVE (APB) - 1998-2004								
S10055	Single Spring - Turbo Special Alloy (Intake - 18 pieces)	21.5 mm	15.1 mm	65 lbs @ 34.5 mm	145 lbs @ 24.5 mm	216 lbs	22.5 mm	11 mm
This Spring requires Ferrea Titanium Retainer #E11031 and Ferrea Spring Seat Locator #SL1025 (Discard OEM Spring Seat Locator).								
S10056	Dual Spring - Turbo Special Alloy (Exhaust - 12 pieces)	22.75 mm 29.5 mm	17.1 mm 22.75 mm	80 lbs @ 32.5 mm	180 lbs @ 22.5 mm	254 lbs	20 mm	12 mm
This Spring requires Ferrea Titanium Retainer #E11032 and Ferrea Spring Seat Locator #SL1026 (Discard OEM Spring Seat Locator).								
AUDI RS6 4.2L - DOHC V8 40 VALVE (BCY) - 2002-2004								
S10055	Single Spring - Turbo Special Alloy (Intake - 24 pieces)	21.5 mm	15.1 mm	65 lbs @ 34.5 mm	145 lbs @ 24.5 mm	216 lbs	22.5 mm	11 mm
This Spring requires Ferrea Titanium Retainer #E11031 and Ferrea Spring Seat Locator #SL1025 (Discard OEM Spring Seat Locator).								
S10056	Dual Spring - Turbo Special Alloy (Exhaust - 16 pieces)	22.75 mm 29.5 mm	17.1 mm 22.75 mm	80 lbs @ 32.5 mm	180 lbs @ 22.5 mm	254 lbs	20.5 mm	12 mm
This Spring requires Ferrea Titanium Retainer #E11032 and Ferrea Spring Seat Locator #SL1026 (Discard OEM Spring Seat Locator).								
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								
S10115	Dual Spring Special Alloy Endurance Application	22.75 mm 29.5 mm	17.1 mm 22.75 mm	85 lbs @ 33 mm	205 lbs @ 23 mm	304 lbs	17.5 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11084 and Ferrea Seat Locator # SL1073 (Discard OEM Spring Seat Locator).								
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								
S10115	Dual Spring Special Alloy Endurance Application	22.75 mm 29.5 mm	17.1 mm 22.75 mm	85 lbs @ 33 mm	205 lbs @ 23 mm	304 lbs	17.5 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11084 and Ferrea Seat Locator # SL1073 (Discard OEM Spring Seat Locator).								

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Part N°	Type/Material/ Application	O.D.	I.D.	Seat Press.	Open Press.	Rate Inch	Coil Bind	Max Net Lift
AUDI V8 3.6 L - DOHC 32 VALVE (PT) - 1990-1991								
AUDI V8 4.2 L - DOHC 32 VALVE (ABH) - 1992-1994								
S10115	Dual Spring	22.75 mm	17.1 mm	85 lbs	205 lbs	304 lbs	17.5 mm	14 mm
	Special Alloy	29.5 mm	22.75 mm	@ 33 mm	@ 23 mm			
	Endurance Application							
	This Spring requires Ferrea Titanium Retainer # E11084 and Ferrea Seat Locator # SL1073 (Discard OEM Spring Seat Locator).							
BMW 3 SERIES (M50-M51-M52)								
S10049	Dual Spring - Turbo	22.75 mm	17.1 mm	80 lbs	180 lbs	254 lbs	21 mm	14 mm
	Special Alloy	29.5 mm	22.75 mm	@ 36 mm	@ 26 mm			
	This Spring requires Ferrea Titanium Retainer #E11025 or Ferrea Aluminum Magnesium Retainer #E10025 and Ferrea Spring Seat Locator #SL1021 (Discard OEM Spring Seat Locator).							
CHRYSLER/DODGE 3.5L - SOHC V6 24 VALVE - 1998-2004								
S10101	Dual Spring-Special Alloy	23.1 mm	17.35 mm	110 lbs	225 lbs	292 lbs	21 mm	15 mm
	Drag Racing	31 mm	23.1 mm	@ 36 mm	@ 26 mm			
	This Spring requires Ferrea Titanium Retainer #E11068 and Ferrea Spring Seat Locator # SL1054 and Factory supplied Spring Seat Locator.							
DODGE NEON 2.4 - SRT4 - DOHC 16 VALVE (A853) - 2003-2005								
S10107	Dual Spring - Turbo	20.8 mm	16.51 mm	90 lbs	200 lbs	279 lbs	23 mm	12 mm
	Stage 1 - Special Alloy	28.0 mm	20.8 mm	@37 mm	@27 mm			
	This Spring requires Ferrea Titanium Retainer #E11073 and BOTH, Ferrea Spring Seat Locator # SL1061 and Factory supplied Spring Seat Locator.							
S10108	Dual Spring - Turbo	20.8 mm	15.88 mm	105 lbs	235 lbs	330 lbs	23.5 mm	12 mm
	Stage 2 - Special Alloy	28.0 mm	20.8 mm	@37 mm	@27 mm			
	This Spring requires Ferrea Titanium Retainer #E11074 and BOTH, Ferrea Spring Seat Locator # SL1062 and Factory supplied Spring Seat Locator.							
FORD 2.3L - DOHC ZETEC 16 VALVE - 2002								
S10040	Single Spring	25.19 mm	18.23 mm	60 lbs	140 lbs	203 lbs	18.5 mm	12.5 mm
	Special Alloy			@ 31.5 mm	@ 21.5 mm			
	This Spring requires Ferrea Titanium Retainer # E11018 and BOTH, Ferrea Spring Seat Locator #SL1020 and Factory supplied Spring Seat Locator.							
S10041	Dual Spring - Turbo	18.23 mm	13.40 mm	75 lbs	195 lbs	305 lbs	18.75 mm	13.5 mm
	Special Alloy	24.70 mm	18.23 mm	@32.75mm	@22.75mm			
	This Spring requires Ferrea Titanium Retainer # E11018 and Ferrea Spring Seat Locator #SL1019 (Discard OEM Spring Seat Locator) NOTE: This Spring (#S10041) can be used only with Ferrea Aluminum Bronze Valve Guides (for 5.5 mm valve stem) #VG1015 (Intake) and #VG1016 (Exhaust) and Ferrea Valve Seals #VS1000 (Exhaust) and VS1001 (Intake)							
FORD ESCORT 2.0L - DOHC ZETEC 16 VALVE (ZX2) - 1999-2001								
FORD FOCUS 2.0L - DOHC ZETEC 16 VALVE (ZX3) - 2000-2001								
S10040	Single Spring	25.19 mm	18.23 mm	60 lbs	140 lbs	203 lbs	18.5 mm	12.5 mm
	Special Alloy			@ 31.5 mm	@ 21.5 mm			
	This Spring requires Ferrea Titanium Retainer #E11018 and BOTH, Ferrea Spring Seat Locator #SL1014 and Factory supplied Spring Seat Locator.							
S10041	Dual Spring - Turbo	18.23 mm	13.40 mm	75 lbs	195 lbs	305 lbs	18.75 mm	13.5 mm
	Special Alloy	24.70 mm	18.23 mm	@ 32.75 mm	@ 22.75 mm			
	This Spring requires Ferrea Titanium Retainer #E11018 and Ferrea Spring Seat Locator #SL1015 (Discard OEM Spring Seat Locator)							
	NOTE: This Spring (#S10041) can be used only with Ferrea Manganese Bronze Valve Guides (for 5.5 mm valve stem) #VG1006 (Intake) and #VG1007 (Exhaust) and Ferrea Valve Seals #VS1000 (Exhaust) and VS1001 (intake).							

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Part N ^o	Type/Material/ Application	O.D.	I.D.	Seat Press.	Open Press.	Rate Inch	Coil Bind	Max Net Lift
GEO METRO/SUZUKI SWIFT 1.0 L - SOHC 6 VALVE (G10)								
S10047	Dual Spring - Turbo Special Alloy	18.23 mm 24.70 mm	13.40 mm 18.23 mm	70 lbs @ 35.5 mm	175 lbs @ 25.5 mm	266 lbs	18.75 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11024 and Ferrea Spring Seat Locator #SL1018 (Discard OEM Spring Seat Locator)								
GM 2.2 ECO TEC								
S10057	Dual Spring - Turbo Special Alloy	20.8 mm 28 mm	16.51 mm 20.8 mm	75 lbs @ 32.5 mm	175 lbs @ 22.5 mm	254 lbs	17.5 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11033 OR Ferrea Aluminum Magnesium Retainer #E10026 and Factory supplied Spring Seat Locator								
NOTE: For HIGH PRESSURE use BOTH Ferrea Spring Seat Locator #SL1028 AND Factory supplied Spring Seat Locator								
High Pressure spec.				110 lbs @ 31 mm	210 lbs @ 21 mm			12.5 mm
GM 5 CYLINDER - L5								
S10058	Dual Spring - Turbo Special Alloy	20.8 mm 28 mm	16.51 mm 20.8 mm	85 lbs @ 32 mm	185 lbs @ 22 mm	254 lbs	17.5 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11034 OR Ferrea Aluminum Magnesium Retainer #E10027 and BOTH, Ferrea Spring Seat Locator #1027 and Factory supplied Spring Seat Locator.								
HIGH PRESSURE SPRINGS (SPECIAL APPLICATIONS)								
S10063	Dual Spring Special Alloy	22.6 mm 30.86 mm	16.55 mm 22.6 mm	150 lbs @35.6 mm	450 lbs @19 mm	462 lbs	18 mm	16.5 mm
Maximum Retainer step 1.9 mm								
HONDA ACCORD 2.2L - SOHC 16 VALVE (F22B2-F22B6) - 1994-1995								
S10064	Dual Spring - Turbo Special Alloy- Hi Pressure	22.88 mm 30.10 mm	17.15 mm 22.88 mm	95 lbs @34 mm	215 lbs @24 mm	305 lbs	19 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11000 and Ferrea Spring Seat Locator # SL1000 (Discard OEM Spring Seat Locator)								
S10070	Dual Spring - Special Alloy Endurance Spring	22.85 mm 30.45 mm	17.5 mm 22.85 mm	80 lbs @33 mm	190 lbs @23 mm	279 lbs	18 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11000 and Ferrea Spring Seat Locator # SL1010 (Discard OEM Spring Seat Locator). Maximum Retainer Step: 3.6 mm								
S10104	Dual Spring - Turbo - PAC enhanced Alloy	23.10 mm 30mm	17.2mm 23.10mm	80 lbs @34 mm	195 lbs @24 mm	292 lbs	20 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11000 OR E11000LW OR Ferrea Aluminum Magnesium Retainer # E10018 and Ferrea Spring Seat Locator # SL1010 (Discard OEM Spring Seat Locator)								
HONDA CIVIC 1.6L - SOHC 16 VALVE (D16Z6-Y5-Y7-Y8) - 1992-2000								
S10029	Single Spring Special Alloy	22.9 mm	15.35 mm	60 lbs @ 50 mm	155 lbs @ 40 mm	241 lbs	32 mm	17 mm
This Spring requires Ferrea Titanium Retainer # E11010 OR Ferrea Aluminum Magnesium Retainer # E10019 and Factory supplied Spring Seat Locator (Use only this locator)								

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Part Nº	Type/Material/ Application	O.D.	I.D.	Seat Press.	Open Press.	Rate Inch	Coil Bind	Max Net Lift
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								
S10027	Dual Spring - Hi Pressure Special Alloy	22.8 mm 30.10 mm	17.15 mm 22.88 mm	100 lbs @ 34 mm	220 lbs @ 24 mm	305 lbs	20 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11000 OR Ferrea Aluminum Magnesium Retainer # E10018 and Ferrea Spring Seat Locator # SL1000 (Discard OEM Spring Seat Locator)								
S10028	Single Spring Special Alloy	30.10 mm	22.88 mm	55 lbs @ 34 mm	125 lbs @ 24 mm	178 lbs	20 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11000 OR Ferrea Aluminum Magnesium Retainer # E10018 and Factory supplied Spring Seat Locator OR Ferrea Spring Seat Locator # SL1004								
S10032	Dual Spring - Drag Racing Special Alloy	22.88 mm 30.10 mm	17.15 mm 22.88 mm	80 lbs @ 35 mm	195 lbs @ 25 mm	292 lbs	21 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11003 and Ferrea Spring Seat Locator # SL1000 (Discard OEM Spring Seat Locator)								
S10035	Dual Chrome Silicon	20.8 mm 28.0 mm	16.51 mm 20.8 mm	65 lbs @ 35 mm	185 lbs @ 25 mm	305 lbs	20 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11035 OR Ferrea Aluminum Magnesium Retainer # E10021 and Ferrea Spring Seat Locator # SL1005 (Discard OEM Spring Seat Locator)								
S10064	Dual Spring - Turbo Special Alloy- Hi Pressure	22.88 mm 30.10 mm	17.15 mm 22.88 mm	95 lbs @34 mm	215 lbs @24 mm	305 lbs	19 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11000 and Ferrea Spring Seat Locator # SL1000 (Discard OEM Spring Seat Locator)								
S10070	Dual Spring - Special Alloy Endurance Spring	22.85 mm 30.45 mm	17.5 mm 22.85 mm	80 lbs @33 mm	190 lbs @23 mm	279 lbs	18 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11000 and Ferrea Spring Seat Locator # SL1004 (Discard OEM Spring Seat Locator). Maximum Retainer Step: 3.6 mm								
S10086	Dual Spring Special Alloy Endurance Application	22.85mm 30.45mm	17.5mm 22.85mm	110 lb . @ 34mm	260 lb . @ 21mm	292 lbs	20 mm	13 mm
This Spring requires Ferrea Titanium Retainer # E11000 and Ferrea Spring Seat Locator # SL1044 (Discard OEM Spring Seat Locator) This Spring requires Ferrea Roller Rocket # RR1000								
S10104	Dual Spring - Turbo - PAC enhanced Alloy	23.10 mm 30mm	17.2mm 23.10mm	80 lbs @34 mm	195 lbs @24 mm	292 lbs	20 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11000 OR E11000LW OR Ferrea Aluminum Magnesium Retainer # E10018 and Ferrea Spring Seat Locator # SL1000 (Discard OEM Spring Seat Locator)								

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Part N°	Type/Material/ Application	O.D.	I.D.	Seat Press.	Open Press.	Rate Inch	Coil Bind	Max Net Lift
HONDA PRELUDE 2.2L - DOHC V-TEC 16 VALVE (H22A1-A4) - 1993-2000								
S10027	Dual Spring - Hi Pressure Special Alloy	22.88 mm 30.10 mm	17.15 mm 22.88 mm	100 lbs @ 34 mm	220 lbs @ 24 mm	305 lbs	20 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11000 OR Ferrea Aluminum Magnesium Retainer # E10018 and Ferrea Spring Seat Locator # SL1000 (Discard OEM Spring Seat Locator)								
S10028	Single Spring Special Alloy	30.10 mm	22.88 mm	55 lbs @ 34 mm	125 lbs @ 24 mm	178 lbs	20 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11000 OR Ferrea Aluminum Magnesium Retainer # E10018 and Ferrea Spring Seat Locator # SL1003 (Discard OEM Spring Seat Locator)								
S10032	Dual Spring - Drag Racing Special Alloy	22.88 mm 30.10 mm	17.15 mm 22.88 mm	80 lbs @ 35 mm	195 lbs @ 25 mm	292 lbs	21 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11003 and Ferrea Spring Seat Locator # SL1003 (Discard OEM Spring Seat Locator)								
S10035	Dual Chrome Silicon	20.8 mm 28.0 mm	16.51 mm 20.8 mm	65 lbs @ 35 mm	185 lbs @ 25 mm	305 lbs	20 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11035 OR Ferrea Aluminum Magnesium Retainer # E10021 and Ferrea Spring Seat Locator # SL1006 (Discard OEM Spring Seat Locator)								
S10064	Dual Spring - Turbo Special Alloy- Hi Pressure	22.88 mm 30.10 mm	17.15 mm 22.88 mm	95 lbs @34 mm	215 lbs @24 mm	305 lbs	19 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11000 and Ferrea Spring Seat Locator # SL1000 (Discard OEM Spring Seat Locator)								
S10070	Dual Spring - Special Alloy Endurance Spring	22.85 mm 30.45 mm	17.5 mm 22.85 mm	80 lbs @33 mm	190 lbs @23 mm	279 lbs	18 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11000 and BOTH, Ferrea Spring Seat Locator # SL1003 AND Factory supplied Spring Seat Locator.								
S10104	Dual Spring - Turbo - PAC enhanced Alloy	23.10 mm 30mm	17.2mm 23.10mm	80 lbs @34 mm	195 lbs @24 mm	292 lbs	20 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11000 OR E11000LW OR Ferrea Aluminum Magnesium Retainer # E10018 and Ferrea Spring Seat Locator # SL1003 (Discard OEM Spring Seat Locator)								
HONDA S 2000 - F20C - 2000-2003 HONDA S 2000 - F22C - 2004-2008								
S10074	Dual Spring - Special Alloy Turbo - Endurance Spring	22.85 mm 30.45 mm	17.5 mm 22.85 mm	80 lbs @33 mm	195 lbs @23 mm	292 lbs	18 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11045 and Ferrea Spring Seat Locator # SL1035 AND Factory supplied Spring Seat Locator.								
HYUNDAI TIBURON 4 CYL - DOHC 16 VALVE - 1996-2001								
S10094	Dual Spring - Turbo Special Alloy	20.8 mm 28.0 mm	15.88 mm 20.8 mm	85 lbs @32mm	200 lbs @22mm	291 lbs	17 mm	19 mm
This Spring requires Ferrea Titanium Retainer # E11062 and Ferrea Spring Seat Locator # SL1050 (Discard OEM Spring Seat Locator)								

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Part N°	Type/Material/ Application	O.D.	I.D.	Seat Press.	Open Press.	Rate Inch	Coil Bind	Max Net Lift
HYUNDAI V-6 TIBURON - 2001-2008								
S10081	Single Spring - Special Alloy Turbo - Endurance Spring	25.19 mm	18.3 mm	80 lbs @34 mm	150 lbs @24 mm	180 lbs	20.5 mm	12.5 mm
This Spring requires Ferrea Titanium Retainer # E11049 and Ferrea Spring Seat Locator # SL1039 (Discard OEM Spring Seat Locator)								
MAZDA 626 V6 2.5 L - DOHC KL - 1993-1998								
S10050	Dual Spring - Turbo Special Alloy	18.23 mm 24.70 mm	13.4 mm 18.23 mm	75 lbs @ 33 mm	195 lbs @ 23 mm	305 lbs	19 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11026 and Ferrea Spring Seat Locator # SL1022 (Discard OEM Spring Seat Locator)								
MAZDA MIATA 1.6L (B6) / 1.8L - DOHC 16 VALVE (BP056) - 1990-1997 (Hydraulic Buckets)								
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.								
MAZDA MIATA 1.8L - DOHC 16 VALVE (BP056) - 1994-2002 (Hydraulic & Solid Buckets)								
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.								
MINI COOPER S - 16 VALVE - 2002-2006								
S10111	Dual Spring - Turbo Special Alloy	18.20 mm 24.70 mm	13.4 mm 18.20 mm	95 lbs @42.5mm	210 lbs @32.5mm	292 lbs	30 mm	10.5 mm
This Spring requires Ferrea Titanium Retainer # E11080, Ferrea Spring Seat Locator # SL1067 AND Factory supplied Spring Seat Locator.								
MITSUBISHI 3000 GT 3.0L - DOHC 24 VALVE (6G72-TURBO 6G72T) - 1990-2001								
S10037	Dual Spring - Turbo - PAC enhanced Alloy	23.10 mm 30mm	17.2mm 23.10mm	80 lbs @34 mm	195 lbs @24 mm	292 lbs	20 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11053 OR Ferrea Aluminum Magnesium Retainer # E10023 and Ferrea Spring Seat Locator # SL1008 (Discard OEM Spring Seat Locator)								
MITSUBISHI ECLIPSE GS-GST 2.0L - DOHC 16 VALVE (4G63-4G63T) - 1990-1999								
S10031	Dual Chrome Silicon	23.1 mm 31 mm	17.35 mm 23.1 mm	90 lbs @ 38 mm	210 lbs @ 28 mm	305 lbs	21 mm	15 mm
This Spring requires Ferrea Titanium Retainer # E11005 and Ferrea Spring Seat Locator # SL1002 (Discard OEM Spring Seat Locator)								
S10036	Dual Spring - Turbo Special Alloy	22.75 mm 29.5 mm	17.1 mm 22.75 mm	80 lbs @ 34 mm	180 lbs @ 24 mm	254 lbs	20 mm	13.5 mm
This Spring requires Ferrea Titanium Retainer # E11005 OR Ferrea Aluminum Magnesium Retainer # E10024 and Ferrea Spring Seat Locator # SL1009 (Discard OEM Spring Seat Locator)								

SPORT COMPACT VALVE SPRINGS

Part N°	Type/Material/ Application	O.D.	I.D.	Seat Press.	Open Press.	Rate Inch	Coil Bind	Max Net Lift
MITSUBISHI LANCER EVOLUTION 2L - DOHC 16 VALVE (TURBO 4G63T) - 2003-2007								
S10084	Dual Spring - Turbo Special Alloy	22.85 mm 30.45 mm	17.5 mm 22.85 mm	95 lbs @30.6 mm	225 lbs @20.6 mm	327 lbs	18 mm	12.5 mm
This Spring requires Ferrea Titanium Retainer # E11052 and Ferrea Spring Seat Locator # SL1041.								
NISSAN 300 ZX 3.0L - DOHC 24 VALVE (VG30D-TURBO VG30DTT) - 1990-1996								
S10039	Dual Spring Chrome Silicon	20.8 mm 28.0 mm	15.3 mm 20.8 mm	80 lbs @ 35 mm	200 lbs @ 25 mm	305 lbs	22 mm	13 mm
This Spring requires Ferrea Titanium Retainer # E11017 and BOTH Ferrea Spring Seat Locator # SL1012 and Factory supplied Spring Seat Locator								
NISSAN 350 Z 3.5 L - V-6 - DOHC 24 VALVE (VQ35) - 2003-2008								
S10091	Single Spring Special Alloy - Turbo Endurance Application	25.19mm	18.3mm	75 lbs @34.8mm	145 lbs @24.8mm	178 lbs	20.5 mm	12.5 mm
This Spring to be used with Factory Valves with recess tip and Ferrea Titanium Retainer # E11060 AND Factory supplied Spring Seat Locator								
S10093	Single Spring Special Alloy - Turbo Endurance Application	25.19mm	18.3mm	85 lbs @34mm	155 lbs @24mm	178 lbs	20.5 mm	12.5 mm
This Spring to be used with Ferrea Lightweight Valves without recess tip and Ferrea Titanium Retainer # E11058 AND Ferrea Spring Seat Locator # SL1048								
S10103	Dual Spring - Special Alloy - Turbo Street/Drag	20.8 mm 28.0 mm	15.88mm 20.8 mm	80 lbs @34mm	200 lbs @24mm	305 lbs	19 mm	13 mm
This Spring to be used with Ferrea lightweight Valves without recess tip. This spring requires Ferrea Titanium Retainer #E11079 AND Ferrea Spring Seat Locator #SL1065. (Discard OEM Spring Seat Locator).								
NISSAN ALTIMA 2.4L - DOHC 16 VALVE (KA24DE) - 1995-1999								
NISSAN 240 SX 2.4L - DOHC 16 VALVE (KA24DE) - 1991-1998								
S10043	Dual Spring - Turbo PAC enhanced Alloy	23.10 mm 30 mm	17.2 mm 23.10 mm	80 lbs @36 mm	195 lbs @26 mm	254 lbs	22 mm	12.5 mm
This Spring requires Ferrea Titanium Retainer # E11021 and BOTH Ferrea Spring Seat Locator #SL1064 and Factory supplied Spring Seat Locator								
NISSAN PATROL 4.8L 6 CYL IN LINE - 24 VALVE - (TB48DE)								
S10114	Dual Spring - Turbo Special Alloy	20.8 mm 28.0 mm	16.51 mm 20.8 mm	85 lbs @36.85mm	190 lbs @26.85mm	266 lbs	22.85 mm	12 mm
This Spring requires Ferrea Titanium Retainer # E11083 and Ferrea Spring Seat Locator # SL1070 Discard OEM Factory supplied Spring Seat Locator.								
NISSAN SENTRA SE-R 2.0L - DOHC 16 VALVE (SR20DE-SR20DET) - 1991-1998								
S10038	Dual Spring - Turbo PAC enhanced Alloy	23.10 mm 30 mm	17.2 mm 23.10 mm	80 lbs @ 34 mm	195 lbs @ 24 mm	254 lbs	22 mm	12.5 mm
This Spring requires Ferrea Titanium Retainer # E11002 and Ferrea Spring Seat Locator # SL1011 (Discard OEM Spring Seat Locator)								
NISSAN SENTRA SE-R 2.5L - SPEC V - QR25 - 2002-2007								
S10083	Single Spring - Turbo Special Alloy	25.19 mm	18.4 mm	80 lbs @34 mm	150 lbs @24 mm	180 lbs	20.5 mm	12.5 mm
This Spring requires Ferrea Titanium Retainer # E11051 and Factory supplied Spring Seat Locator.								

SPORT COMPACT VALVE SPRINGS

Part N°	Type/Material/ Application	O.D.	I.D.	Seat Press.	Open Press.	Rate Inch	Coil Bind	Max Net Lift
NISSAN SKYLINE 6 CYL IN LINE - 24 VALVE - (RB25DET) - 1993-1997								
S10112	Dual Spring - Turbo Special Alloy	20.8 mm 28.0 mm	16.51 mm 20.8 mm					
	INTAKE ASSEMBLY			110 lbs @ 30.55 mm	215 lbs @ 20.55 mm	266 lbs	18 mm	10.5 mm
	EXHAUST ASSEMBLY			90 lbs @ 34.50 mm	190 lbs @ 24.50 mm	254 lbs	21.5 mm	10.5 mm
<p>This Spring requires Ferrea Titanium Retainer # E11082 and Ferrea Spring Seat Locator #SL 1068 (EXH Side) and Ferrea Spring Seat Locator #SL1069 (INT Side). (Discard OEM Spring Seat Locator)</p> <p>WARNING: DUE TO VALVETRAIN ASSEMBLY INSTALLED HIEGHTS, MAXIMUM VALVE NET LIFT MUST NOT EXCEED 10.5 MM BECAUSE OF VALVE SEAL TO SPRING RETAINER CLEARANCES.</p>								
NISSAN SKYLINE 6 CYL IN LINE - 24 VALVE (NEO RB25DET) - 1998-2002								
S10078	Dual Spring - Turbo Special Alloy	20.8 mm 28.0 mm	16.51 mm 20.8 mm	95 lbs @30 mm	195 lbs @20 mm	254 lbs	17.5 mm	12 mm
<p>This Spring requires Ferrea Titanium Retainer # E11048 and BOTH, Ferrea Spring Seat Locator # SL1037 AND Factory supplied Spring Seat Locator. Maximum Retainer Step 2 mm</p>								
NISSAN SKYLINE 6 CYL IN LINE - 24 VALVE - (RB26) - 1989-2002								
S10090	Dual Spring - Turbo Special Alloy	20.8 mm 28.0 mm	16.51 mm 20.8 mm	110 lbs @39mm	210 lbs @29mm	254 lbs	26.5 mm	12 mm
<p>This Spring requires Ferrea Titanium Retainer # E11057 and Ferrea Spring Seat Locator # SL1047 (Discard OEM Spring Seat Locator)</p>								
SATURN ILO 1.9L - 1991-1998								
S10059	Dual Spring - Turbo Special Alloy	20.8 mm 28 mm	15.88 mm 20.8 mm	87lbs @ 36 mm	195 lbs @ 26 mm	285 lbs	21.5 mm	12.5 mm
<p>This Spring requires Ferrea Titanium Retainer # E11036 and Factory supplied Spring Seat Locator. TO BE USED WITH 7 MM VALVE STEM ONLY.</p>								
S10060	Dual Spring - Turbo PAC enhanced Alloy	23.10 mm 30 mm	17.2 mm 23.10 mm	95 lbs @ 34 mm	220 lbs @ 24 mm	317 lbs	20 mm	13.5 mm
<p>This Spring requires Ferrea Titan Retainer # E11038 OR Ferrea Alum-Magne Retainer #E10028 and Ferrea Spring Seat Locator # SL1029 (Discard OEM Seat Locator). TO BE USED WITH 5.5 MM VALVE STEM ONLY.</p>								
SCION tC 2.4L - DOHC 16 VALVE (2AZFE) - 2005								
S10110	Single Spring - Turbo Special Alloy Endurance Spring	25.19 mm	18.3 mm	80 lbs @34.2 mm	150 lbs @24.2 mm	180 lbs	20.5 mm	12.5 mm
<p>This Spring requires Ferrea Titanium Retainer # E11075 and Ferrea Spring Seat Locator # SL1063 (Discard OEM Spring Seat Locator)</p>								
SUBARU WRX - EJ20 - 2001-2008								
S10071	Dual Spring - Special Alloy Turbo - Drag Racing	20.8 mm 28 mm	15.88 mm 20.8 mm	75 lbs @39.4 mm	200 lbs @29.4 mm	317 lbs	21.5 mm	15 mm
<p>This Spring requires Ferrea Titanium Retainer # E11043 and Ferrea Spring Seat Locator # SL1034 (Discard OEM Spring Seat Locator)</p>								
S10072	Dual Spring - Special Alloy Turbo - Endurance Spring	20.8 mm 28 mm	16.51 mm 20.8 mm	70 lbs @39.4 mm	165 lbs @29.4 mm	241 lbs	20 mm	15 mm
<p>This Spring requires Ferrea Titanium Retainer # E11044 and Ferrea Spring Seat Locator # SL1034 (Discard OEM Spring Seat Locator)</p>								

SPORT COMPACT VALVE SPRINGS

Part N°	Type/Material/ Application	O.D.	I.D.	Seat Press.	Open Press.	Rate Inch	Coil Bind	Max Net Lift
SUBARU WAX - STI - 2004-2008								
S10097	Dual Spring-Special Alloy Turbo - Drag Racing	20.8 mm 28 mm	15.88 mm 20.8 mm	90 lbs @36 mm	215 lbs @26 mm	317 lbs	21.5 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11064 and Ferrea Spring Seat Locator # SL1051 (Discard OEM Spring Seat Locator)								
S10098	Dual Spring-Special Alloy Turbo-Endurance Racing	20.8 mm 28 mm	16.51 mm 20.8 mm	80 lbs @36 mm	180 lbs @26 mm	254 lbs	21.0 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11065 and Ferrea Spring Seat Locator # SL1051 (Discard OEM Spring Seat Locator)								
SUBARU 2.5 L - EJ25D - 1996-1998								
S10079	Dual Spring - Special Alloy Turbo - Drag Racing	20.8 mm 28 mm	16.51 mm 20.8 mm	90 lbs @33 mm	190 lbs @23 mm	254 lbs	21.5 mm	12.5 mm
This Spring requires Ferrea Titanium Retainer # E11044 and Ferrea Spring Seat Locator # SL1038 (Discard OEM Spring Seat Locator)								
TOYOTA 4AG 1.6 L - DOHC 16 VALVE (ATLANTIC) - 1983-1988								
S10080	Single Spring - Special Alloy	23.5 mm	16.46 mm	40 lbs @35 mm	120 lbs @25 mm	203 lbs	22 mm	12 mm
This Spring requires Ferrea Titanium Retainer # E11046 and Factory supplied Spring Seat Locator.								
TOYOTA MR2 2.0L - DOHC 16 VALVE (TURBO 3SGTE) - 1990-1995								
S10034	Dual Chrome Silicon	20.8 mm 28.0 mm	16.51 mm 20.8 mm	65 lbs @ 35 mm	185 lbs @ 25 mm	305 lbs	20 mm	14 mm
This Spring requires Ferrea Aluminum Magnesium Retainer # E10022 and BOTH, Ferrea Spring Seat Locator # SL1007 and Factory supplied Spring Seat Locator.								
TOYOTA 2.0 L - 3SGE ENGINE -								
S10073	Dual Spring - Turbo Special Alloy	20.8 mm 28.0 mm	15.88 mm 20.8 mm	87 lbs @34 mm	195 lbs @24 mm	285 lbs	21.5 mm	12.5 mm
This Spring requires Ferrea Titanium Retainer # E11042 and Ferrea Spring Seat Locator # SL1032 (Discard OEM Spring Seat Locator)								
TOYOTA SUPRA 3.0L I/L 6 CYL - DOHC 24 VALVE (2JZGE-2JZGTE) - 1994-1998								
S10033	Dual Chrome Silicon	20.8 mm 28.0 mm	16.51 mm 20.8 mm	65lbs @ 35 mm	185 lbs @ 25 mm	305 lbs	20 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11011 and BOTH, Ferrea Spring Seat Locator # SL1001 and Factory supplied Spring Seat Locator								
S10045	Dual Spring - Turbo Special Alloy	20.8 mm 28.0 mm	15.88 mm 20.8 mm	87 lbs @ 34 mm	195 lbs @ 24 mm	285 lbs	21.5 mm	12.5 mm
This Spring requires Ferrea Titanium Retainer # E11037 and BOTH, Ferrea Spring Seat Locator # SL1001 and Factory supplied Spring Seat Locator								
NOTE: For HIGH PRESSURE use BOTH Ferrea Spring Seat Locator # SL1001 AND #SL1060. (Discard OEM Spring Seat Locator)								
HIGH PRESSURE VALUES SPEC				100 lbs @34mm	225 lbs @24 mm		22 mm	10.5 mm
S10109	Dual Spring - Turbo High Pressure PAC Alloy	20.8 mm 28.0 mm	15.88 mm 20.8 mm	115 lbs @ 34 mm	245 lbs @ 24 mm	330 lbs	21.8 mm	11 mm
This Spring requires Ferrea Titanium Retainer # E11037 and TWO Ferrea Spring Seat Locators: #SL1001 and #SL1060 (Discard OEM Spring Seat Locator)								

SPORT COMPACT VALVE SPRINGS

Part N°	Type/Material/ Application	O.D.	I.D.	Seat Press.	Open Press.	Rate Inch	Coil Bind	Max Net Lift
TOYOTA SUPRA 3.0L - DOHC 24 VALVE (7MGE-TURBO 7MGTE) - 1986-1992								
S10044	Dual Spring - Turbo Special Alloy	18.23 mm 25.19 mm	13.4 mm 18.23 mm	67 lbs @ 34 mm	177 lbs @ 24 mm	280 lbs	19 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11022 and Ferrea Spring Seat Locator # SL1016 (Discard OEM Spring Seat Locator)								
VW 1.8T - DOHC 20 VALVE - 1998-2005								
S10055	Single Spring - Turbo Special Alloy (Intake - 12 pieces)	21.5 mm	15.1 mm	65 lbs @34.5 mm	145 lbs @24.5 mm	216 lbs	22.5 mm	11 mm
This Spring requires Ferrea Titanium Retainer # E11031 and Ferrea Spring Seat Locator # SL1025. (Discard OEM Spring Seat Locator)								
S10056	Dual Spring - Turbo Special Alloy (Exhaust - 8 pieces)	22.75 mm 29.5 mm	17.1 mm 22.75 mm	80 lbs @32.5 mm	180 lbs @22.5 mm	254 lbs	20 mm	12 mm
This Spring requires Ferrea Titanium Retainer # E11032 and Ferrea Spring Seat Locator # SL1026. (Discard OEM Spring Seat Locator)								
VW GOLF / JETTA 1.8 L - DOHC 16 VALVE (PL) - 1987-1989 VW SCIROCCO 1.8 L - DOHC 16 VALVE (PL) - 1986-1988								
S10115	Dual Spring Special Alloy Endurance Application	22.75 mm 29.5 mm	17.1 mm 22.75 mm	85 lbs @33 mm	205 lbs @23 mm	304 lbs	17.5 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11084 and Ferrea Seat Locator #SL1073 (Discard OEM Spring Seat Locator)								
VW GOLF / JETTA 1.8 L - DOHC 16 VALVE (9A) - 1990-1992 VW PASSAT 2.0 L - DOHC 16 VALVE (9A) - 1990-1994								
S10115	Dual Spring Special Alloy Endurance Application	22.75 mm 29.5 mm	17.1 mm 22.75 mm	85 lbs @33 mm	205 lbs @23 mm	304 lbs	17.5 mm	14 mm
This Spring requires Ferrea Titanium Retainer # E11084 and Ferrea Seat Locator #SL1073 (Discard OEM Spring Seat Locator)								
VW VR6 2.8L - DOHC 12 VALVE - 1992-2002								
S10062	Dual Spring - Turbo Special Alloy	22.75 mm 29.5 mm	17.1 mm 22.75 mm	95 lbs @32 mm	195 lbs @22 mm	254 lbs	19 mm	13 mm
This Spring requires Ferrea Titanium Retainer # E11039								
VW VR6 2.8L - DOHC 24 VALVE (BDF) - 2002-2004								
S10087	Single Spring Special Alloy	23.5 mm	15.7 mm	85 lbs @39 mm	190 lbs @29 mm	265 lbs	26 mm	12 mm
This Spring requires Ferrea Titanium Retainer # E11063.								