

New

## SPORT COMPACT BEEHIVE VALVE SPRINGS

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**Ferrea Racing Components** introduces our new **PAC Alloy Beehive Valve Spring** series for the Sport compact performance street/strip applications. These single Beehive form valve springs are designed and optimized to reduce valvetrain harmonics, provide greater spring stability, and reduce spring and retainer masses for increase performance and durability in today's harsh engines environments.

**PAC Alloy Beehive Valve Springs** are developed from premium grade super-clean **PAC Alloy** material designed for racing applications. These valve springs are crafted using the latest technology in manufacturing and processing techniques through the use of state-of-the-art equipment unmatched throughout the industry. Our springs are progressively coiled with tighter tolerances, heat treated, stress relieved, and multistage shot peen for extended life and durability. Strict quality control procedures and cycle testing ensures consistency from batch-to-batch.

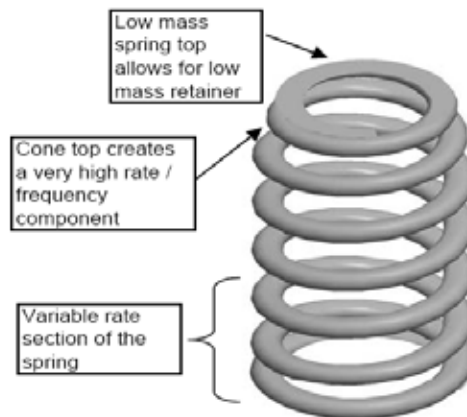
We have expanded our valve spring line offering **PAC Alloy Beehive Ovate (Oval/Multi-Radius) wire shape** designed to withstand aggressive endurance requirements. Key advantages in using an ovate wire shape are better heat dissipation for longer life, and valvetrain stresses are more effectively distributed over the entire wire shape extending spring life and enabling more horsepower. They have the highest level of fatigue resistance available, while minimizing load loss for today's aggressive valvetrain combinations.



# SPORT COMPACT BEEHIVE VALVE SPRINGS



Part N°	Type/Material/ Application	O.D.	I.D.	Seat Press.	Open Press.	Rate Inch	Coil Bind	Max Net Lift
<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>								
S2014	Single Beehive Ovate. PAC Alloy Nitrided	22.94mm	14.73mm	70 lbs	160 lbs	230 lbs	17.50mm	12.70mm
	<b>Street Performance</b>	30.48mm	22.27mm	@31.75mm	@21.75mm			
	<b>This Spring requires Ferrea Titanium Retainer # E12020 and Ferrea Spring Seat Locator #SL1090</b>							
<b>ACURA RSX 2.0L - DOHC V-TEC 16 VALVE (K20) - 2001-2006</b>								
S2018	Single Beehive Ovate. PAC Alloy Nitrided	23.87mm	14.73mm	90 lbs	225 lbs	342 lbs	24mm	14mm
	<b>Street Performance</b>	28.07mm	18.85mm	@39mm	@29mm			
	<b>This Spring requires Ferrea Titanium Retainer # E12027 and Ferrea Spring Seat Locator #SL1094</b>							
<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>								
S2014	Single Beehive Ovate. PAC Alloy Nitrided	22.94mm	14.73mm	70 lbs	160 lbs	230 lbs	17.50mm	12.70mm
	<b>Street Performance</b>	30.48mm	22.27mm	@31.75mm	@21.75mm			
	<b>This Spring requires Ferrea Titanium Retainer # E12020 and Ferrea Spring Seat Locator #SL1090</b>							
<b>HONDA PRELUDE 2.2L - DOHC V-TEC 16 VALVE (H22A1-A4) - 1993-2000</b>								
S2014	Single Beehive. Ovate. PAC Alloy Nitrided	22.94mm	14.73mm	70 lbs	160 lbs	230 lbs	17.50mm	12.70mm
	<b>Street Performance</b>	30.48mm	22.27mm	@31.75mm	@21.75mm			
	<b>This Spring requires Ferrea Titanium Retainer # E12020 and Ferrea Spring Seat Locator #SL1090</b>							
<b>MITSUBISHI ECLIPSE GS-GST 2.0L - DOHC 16 VALVE (4G63-4G63T) - 1990-1999</b>								
S2015	Single Beehive Ovate. PAC Alloy	23.87mm	14.73mm	90 lbs	225 lbs	342 lbs	23mm	13.5mm
	<b>Street Performance</b>	28.07mm	18.85mm	@38mm	@28mm			
	<b>This Spring requires Ferrea Titanium Retainer # E12021 and Ferrea Spring Seat Locator #SL1091</b>							



PAC Racing develops beehive springs with the aid of RPD (Rapid Prototype Development) a computational technique to ensure that the engine runs as expected. Numerous spring designs are evaluated and tested before the final spring shape is determined.