



# Valve Spring Inserts VSI®

Cylinder Head Rebuilding

## VSI Listed By Part #

TYPE A .060 Springs In Service	Type B .030 New Springs	TYPE C .015 Spring Balancing	O.D.	I.D.
A100	B100	C100	1.312	0.954
A101	B101	C101	1.000	0.688
A102(HP)	B102(HP)	C102(HP)	1.360	1.000
A103(HP)	B103(HP)	C103(HP)	1.500	1.031
*	*	C103S	1.500	1.000
A104	B104	C104	1.000	0.765
A105(HP)	B105(HP)	C105(HP)	1.218	0.875
A106	B106	C106HP	1.100	0.719
A107(HP)	B107(HP)	C107(HP)	1.250	0.625
A107S	B107S	C107S	1.250	0.680
A108HP	B108HP	C108HP	0.970	0.445
A109	B109	*	1.440	1.057
A200(HP)	B200(HP)	C200HP	1.360	0.640
A201(HP)	B201(HP)	C201(HP)	1.250	0.875
A202(HP)	B202(HP)	C202(HP)	0.915	0.640
A203(HP)	B203(HP)	C203(HP)	1.250	0.812
A203S	B203S	C203S	1.140	0.812
A204(HP)	B204(HP)	C204(HP)	0.796	0.515
A204S	B204S	C204S	0.760	0.578
A300(HP)	B300(HP)	C300(HP)	1.125	0.719
A301(HP)	B301(HP)	C301(HP)	1.375	0.765
A302HP	B302(HP)	C302(HP)	1.312	0.765
A303(HP)	B303(HP)	C303(HP)	1.480	0.703
A304	B304	*	1.500	1.156
A305(HP)	B305(HP)	C305(HP)	1.437	0.785
A306(HP)	B306(HP)	C306(HP)	1.437	0.645
A306SHP	B306SHP	C306SHP	1.500	0.645
*	B400	*	1.750	0.820
A400S	B400S	*	1.650	1.180
A401	B401	*	1.600	0.820
*	B402	*	1.687	1.281
A403	B403	*	1.375	0.781
A404	B404	*	1.500	0.875
A405	B405	*	1.750	0.890
*	B406	*	1.750	1.328
A407	B407	*	1.156	0.828
A408	B408	*	1.140	0.570
A409	*	*	1.312	0.755
*	B410	*	1.480	0.785
A600	*	*	1.937	1.250
A601HP	B601HP	C601HP	1.640	0.635
*	B602HP	C602HP	1.500	0.765
*	B603HP	C603HP	1.500	0.562

\*N/A

(HP) = Available in High Performance, Add suffix HP to part number, ex.A203HP

## VSI Listed By Outside/Inside Dia.

O.D.	I.D.	TYPE A .060 Springs In Service	Type B .030 New Springs	TYPE C .015 Spring Balancing
0.760	0.578	A204S	B204S	C204S
0.796	0.515	A204(HP)	B204(HP)	C204(HP)
0.915	0.640	A202(HP)	B202(HP)	C202(HP)
0.970	0.445	A108HP	B108HP	C108HP
1.000	0.688	A101	B101	C101
1.000	0.765	A104	B104	C104
1.100	0.719	A106	B106	C106HP
1.125	0.719	A300(HP)	B300(HP)	C300(HP)
1.140	0.570	A408	B408	*
1.140	0.812	A203S	B203S	C203S
1.156	0.828	A407	B407	*
1.218	0.875	A105(HP)	B105(HP)	C105(HP)
1.250	0.625	A107(HP)	B107(HP)	C107(HP)
1.250	0.680	A107S	B107S	C107S
1.250	0.812	A203(HP)	B203(HP)	C203(HP)
1.250	0.875	A201(HP)	B201(HP)	C201(HP)
1.312	0.755	A409	*	*
1.312	0.765	A302HP	B302(HP)	C302(HP)
1.312	0.954	A100	B100	C100
1.360	0.640	A200(HP)	B200(HP)	C200HP
1.360	1.000	A102(HP)	B102(HP)	C102(HP)
1.375	0.765	A301(HP)	B301(HP)	C301(HP)
1.375	0.781	A403	B403	*
1.437	0.645	A306(HP)	B306(HP)	C306(HP)
1.437	0.785	A305(HP)	B305(HP)	C305(HP)
1.440	1.057	A109	B109	*
1.480	0.703	A303(HP)	B303(HP)	C303(HP)
1.480	0.785	*	B410	*
1.500	0.562	*	B603HP	C603HP
1.500	0.645	A306SHP	B306SHP	C306SHP
1.500	0.765	*	B602HP	C602HP
1.500	0.875	A404	B404	*
1.500	1.000	*	*	C103S
1.500	1.031	A103(HP)	B103(HP)	C103(HP)
1.500	1.156	A304	B304	*
1.600	0.820	A401	B401	*
1.640	0.635	A601HP	B601HP	C601HP
1.650	1.180	A400S	B400S	*
1.687	1.281	*	B402	*
1.750	0.820	*	B400	*
1.750	0.890	A405	B405	*
1.750	1.328	*	B406	*
1.937	1.250	A600	*	*

## Box Quantity Legend

### Regular Serrated Steel

Series	Type	Qty.
100 - 200 - 300	A - B - C	100
400 - 500	A - B	50
600 & Specials "S"	A - B - C	25

### A & B High-Perf. Case Hardened; C (HP) Series Blue Tempered Steel

Series	Type	Qty.
100HP - 200HP - 300HP	A - B - C	50
500HP (Cup Style)	A	50
All 600HP Series	A - B - C	25
All 800 Series	A - B	48

### (RS) Rebuilders Bulk Pack - Save 10% Add "RS" Suffix after Part Number, ex. A102RS

Series	Type	Qty.
100 - 200 - 300 Regular	A - B - C	500
400 - 500 Regular	A - B	250
600 Regular & Specials "S"	A - B - C	125
100HP - 200HP - 300HP	A - B - C	250
500HP Series (Cup Style)	A	250
601HP Series	A - B - C	125
All 800 Series	A - B - C	250