2024 MELLING PERFORMANCE

VALVE SPRING GUIDE

2620 Saradan Dr. • Jackson, MI 49202 • 800-777-8172 • melling.com



40 NEW VALVE SPRING NUMBERS INCLUDED

NEW EXPANDED LINE
OF VALVE SPRING PRODUCTS!

VALVE SPRING SHIMS

Shim Number	Outside Diameter		Inside Diameter		Thickness		Material	Raised Center	Universal or Specific Fit
	inch	mm	inch	mm	inch	mm			
471060HP	1.246	31.65	0.814	20.68	0.015	0.38	Steel	No	Universal
471052HP	1.247	31.67	0.518	13.16	0.015	0.38	Steel	No	Universal
471070HP	1.247	31.67	0.877	22.28	0.015	0.38	Steel	No	Universal
471135HP	1.438	36.53	0.645	16.34	0.015	0.38	Steel	No	Universal
471140HP	1.438	36.53	0.766	19.46	0.015	0.38	Steel	No	Universal
471150HP	1.476	37.49	0.705	17.91	0.015	0.38	Steel	No	Universal
471160HP	1.500	38.10	1.030	26.16	0.015	0.38	Steel	No	Universal
473060HP	1.246	31.65	0.814	20.68	0.030	0.76	Steel	No	Universal
473052HP	1.247	31.67	0.518	13.16	0.030	0.76	Steel	No	Universal
473070HP	1.247	31.67	0.877	22.28	0.030	0.76	Steel	No	Universal
473135HP	1.438	36.53	0.645	16.38	0.030	0.76	Steel	No	Universal
473140HP	1.438	36.53	0.766	19.46	0.030	0.76	Steel	No	Universal
473150HP	1.476	37.49	0.705	17.91	0.030	0.76	Steel	No	Universal
473160HP	1.500	38.10	1.030	26.16	0.030	0.76	Steel	No	Universal
476060HP	1.246	31.65	0.814	20.68	0.060	1.52	Steel	No	Universal
476052HP	1.247	31.67	0.518	13.16	0.060	1.52	Steel	No	Universal
476070HP	1.247	31.67	0.877	22.28	0.060	1.52	Steel	No	Universal
476135HP	1.438	36.53	0.645	16.38	0.060	1.52	Steel	No	Universal
476140HP	1.438	36.53	0.766	19.46	0.060	1.52	Steel	No	Universal
476150HP	1.476	37.49	0.705	17.90	0.060	1.52	Steel	No	Universal
476160HP	1.500	38.10	1.030	26.16	0.060	1.52	Steel	No	Universal

Qty per box: 16 pieces - minimum order qty: 16 pieces • Sold by dimension

GM LS VALVE SPRING CUPS AND BASES

Seat Number	Outside Diameter	Inside Diameter	Thickness	Material	Universal or Specific Fit
	inch	inch	inch		
478014*	1.360/1.270	0.570	0.650	Steel	Specific
478024	1.250	0.655	0.600	Steel	Specific
478034	1.250	0.505	0.600	Steel	Specific

Qty per box: 4 pieces - minimum order qty: 4 pieces • Sold by dimension

*Spring Cup

VALVE SPRING RETAINERS

Retainer Number	Outside Diameter	Inside Diameter	Valve Stem Size	Thickness	Material	Valve Lock	Fitment
	inch	inch	inch	inch			
475054	1.375	0.675	0.343	0.465	Chrome Moly Steel	7°	Ford, GM
475064	1.375	0.675	0.375	0.550	Chrome Moly Steel	7°	Ford, GM
475074	1.375	0.805	0.343	0.465	Chrome Moly Steel	7°	Ford, GM
475084	1.370	0.805	0.375	0.465	Chrome Moly Steel	7°	Ford
475094	1.495	0.635	0.375	0.505	Chrome Moly Steel	7°	Chrysler
475114	1.495	0.665	0.343	0.505	Chrome Moly Steel	7°	AMC, Ford
475144	1.030	0.590	0.375	0.520	Chrome Moly Steel	7°	AMC, Chrysler
475184	1.190	0.390	0.343	0.520	Chrome Moly Steel	7°	GM
475224	1.350	0.550	0.375	0.400	Chrome Moly Steel	7°	Chrysler
475234	1.039	0.606	0.315	0.345	Chrome Moly Steel	7°	GM LS
475244	1.155/0.950	0.610	0.315	0.330	Chrome Moly Steel	7°	GM LS Dual +.050
475264	1.030	0.640	0.315	0.325	Chrome Moly Steel	7°	GM LS Beehive
475274	1.236/0.864	0.610	0.315	0.326	Chrome Moly Steel	7°	GM LS Dual

Qty per box: 4 pieces - minimum order qty: 4 pieces

** Always consult catalog listings for detailed application information**

GM LS VALVE STEM SEALS

Seat Number	Description	Material	Seal Type	Rim Shape
440014	GM LS OE style valve seal; Intake	Steel	Premium	Round
440024	GM LS OE Style valve seal; Exhaust	Steel	Premium	Round
440034	GM LS OE Style valve seal, use with a dual spring. Intake & Exhaust	Steel	Premium	Round

Qty per box: 4 pieces - minimum order qty: 4 pieces • Sold by dimension

VALVE SPRINGS • SOLD BY DIMENSION • LISTED BY ASCENDING OUTSIDE DIAMETER

Spring Number	2024	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
			inch	inch	lbs. inch	lbs. inch	inch
46113+	New	Both	1.061/0.960	0.737/0.636	80 @ 1.640	185 @ 1.090	1.020
46901##	New	Both	1.494	1.080	106 @ 1.650	258 @ 1.250	1.100
46910##	New	Both	1.354	0.940	97 @ 1.850	312 @ 1.350	1.280
46915+	New	Both	1.292/1.062	0.880/0.650	105 @ 1.800	296 @ 1.200	1.100
46926##	New	Both	1.476	0.972	109 @ 1.800	317 @ 1.300	1.140
46938**	New	Both	1.539	0.731	204 @ 1.900	516 @ 1.250	1.200
46939**	New	Both	1.539	0.697	145 @ 1.950	425 @ 1.350	1.200
46940##	New	Both	1.463	1.080	100 @ 1.900	252 @ 1.300	1.120
46942##	New	Both	1.437	0.945	110 @ 1.700	289 @ 1.200	1.060
46950*	New	Both	1.450	0.790	140 @ 1.900	358 @ 1.300	1.120
46972##	New	Both	1.464	1.064	129 @ 1.800	305 @ 1.250	1.135
46977*	New	Both	1.385	0.711	161 @ 1.850	430 @ 1.250	1.195
46978**	New	Both	1.460	0.696	126 @ 1.850	368 @ 1.250	1.150
46981+	New	Both	1.237/0.825	0.880/0.650	110 @ 1.700	292 @ 1.175	1.115
46988**	New	Both	1.388	0.802	117 @ 1.600	232 @ 1.100	1.000
461918*		Both	1.544	0.752	175 @ 1.800	482 @ 1.175	1.056
466454#		Both	1.259	0.885	130 @ 1.720	315 @ 1.174	1.113
466464#		Both	1.525	1.125	130 @ 1.900	315 @ 1.261	1.186
466474+		Both	1.426/1.075	1.016/0.665	160 @ 1.900	400 @ 1.250	1.193
466484#		Both	1.420	1.020	130 @ 1.780	310 @ 1.260	1.153
466764##	New	Both	1.514	1.070	135 @ 1.750	265 @ 1.250	1.225
466774##	New	Both	1.460	1.015	106 @ 1.850	294 @ 1.250	1.150
466784**	New	Both	1.460	0.700	135 @ 1.850	400 @ 1.250	1.150
466794**	New	Both	1.553	0.732	191 @ 1.937	457 @ 1.375	1.149
466804##	New	Both	1.539	1.070	131 @ 1.900	309 @ 1.400	1.170
466814*	New	Both	1.440	0.810	129 @ 1.750	293 @ 1.250	1.086
466824**	New	Both	1.557	0.749	180 @ 2.000	463 @ 1.375	1.060
466834*	New	Both	1.510	0.804	180 @ 1.850	470 @ 1.250	1.070
466844**	New	Both	1.541	0.725	195 @ 1.950	580 @ 1.230	1.190
466854*	New	Both	1.550	0.812	190 @ 1.900	506 @ 1.300	1.100
466864##	New	Both	1.270	0.830	130 @ 1.800	380 @ 1.200	1.135
466874**	New	Both	1.622	0.768	214 @ 2.000	619 @ 1.250	1.120
466884*	New	Both	1.472	0.801	103 @ 1.875	377 @ 1.175	1.069
466894**	New	Both	1.622	0.768	237 @ 2.000	668 @ 1.250	1.120
466904**	New	Both	1.510	0.731	192 @ 1.850	449 @ 1.250	1.100
466914+	New	Both	1.284/1.064	0.880/0.660	105 @ 1.800	265 @ 1.200	1.130
466924**	New	Both	1.440	0.697	135 @ 1.750	303 @ 1.250	1.086
466934**	New	Both	1.550	0.697	160 @ 1.750	355 @ 1.250	1.225

Qty per box: 4 pieces - minimum order qty: 4 pieces

#Single Spring ## Single Spring With Damper +Beehive Spring *Dual Spring **Dual Spring W/ Damper

** Always consult catalog listings for detailed application information**

VALVE SPRINGS • CATALOGED BY APPLICATION

AMC V8 (290-401)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466434	Both	1.435	1.035	112 @ 1.687	290 @ 1.187	1.025

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with Hydraulic lifters
Use with camshafts: 23203, MTD-1 & MTD-2

Valve spring with damper

CHRYSLER V8 (273-440)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466434	Both	1.435	1.035	112 @ 1.687	290 @ 1.187	1.025

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with Hydraulic lifters
Use with camshafts: 23203, MTD-1 & MTD-2

Valve spring with damper

CHRYSLER V8 (360-440) FORD V8 (351M-400) GM BIG BLOCK V8 (366-454)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466154	Outer	1.550	1.125	131 @ 1.750	240 @ 1.250	1.225
466164	Inner	1.138	0.795	72 @ 1.625	148 @ 1.125	1.110

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with mechanical lifters

Single spring

CHRYSLER V8 (360-440)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466224	Both	1.540	1.130	134 @ 1.937	312 @ 1.375	1.200

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with Hydraulic lifters
Use with camshafts: 22100, 22204, 22214, 22296, 23204, 23302, 24204, 24205 & 24224

Valve spring with damper

DODGE/RAM 6 Cyl. 5.9L 24V Cummins Diesel *New 2024*

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466694	Both	1.254	0.940	94 @ 1.340	178 @ 1.000	0.823

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with mechanical lifters

Single spring

FORD/LINCOLN 6 Cyl. (3.5L) EcoBoost *New 2024*

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466664	Both	0.953/0.827	0.670/0.544	90 @ 1.437	196 @ 0.987	0.930

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with mechanical Lifters

Beehive

FORD V8 (260-302 CID)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466134#	Outer	1.384	1.060	66.8 @ 1.625	138 @ 1.150	0.950
466124#	Inner	1.060	0.084	38.2 @ 1.525	92 @ 1.050	0.820
466744**	Both	1.384	0.084	105 @ 1.625	230 @ 1.150	0.820

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with hydraulic lifters
Use with camshafts: 24203, 24210, 24212, 24301, 25211, 25309 & 25310

Single Spring **Dual spring includes 466124 and 466134

** Always consult catalog listings for detailed application information**

FORD V8 (260-302)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466444	Both	1.437	1.075	106 @ 1.750	205 @ 1.250	1.062

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with Hydraulic lifters
Use with camshafts: 24203, 24210, 24212 & 24301

Valve spring with damper

FORD V8 (260-302)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466484	Both	1.420	1.020	130 @ 1.780	310 @ 1.260	1.153

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with Hydraulic Roller/ Retro-Fit Roller Lifters
Use with camshafts: 24110, 24214, 24226, 24227, 24280 & 24305

Single Spring

FORD V8 (351M-400)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466224	Both	1.540	1.130	134 @ 1.937	312 @ 1.375	1.200

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with Hydraulic lifters
Use with camshafts: 22100, 22204, 22214, 22296, 23204, 23302, 24204, 24205 & 24224

Valve spring with damper

FORD V8 (351W)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466174	Both	1.475	1.061	112 @ 1.800	278 @ 1.300	1.125

Qty per box 4 - minimum order qty 4 pieces • For use with hydraulic lifters
Use with camshafts: MTF-5, 24108, 24211, 24225 & 24305

Valve spring with damper

FORD Modular V8 (4.6L, 5.4L, 6.8L)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466554	Both	1.061/0.999	0.698/0.636	100 @ 1.640	265 @ 1.080	1.040

Qty per box: 4 pieces - minimum order qty: 4 pieces
(Up to 0.600 lift) Will work with stock retainer and seat • No machining required

Ovate Beehive Spring

FORD/INTERNATIONAL V8 (6.0, 6.4L) Powerstroke *New 2024*

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466664	Both	0.953/0.827	0.670/0.544	90 @ 1.437	196 @ 0.987	0.930

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with hydraulic roller Lifters

Single spring

FORD (7.3-N "Godzilla")

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466574	Intake	1.245/1.095	0.845/0.695	80 @ 2.362	346 @ 1.662	1.606
466584	Exhaust	1.219/1.069	0.845/0.695	100 @ 2.362	310 @ 1.662	1.585

Qty per box: 4 pieces - minimum order qty: 4 pieces

Beehive Spring

** Always consult catalog listings for detailed application information**

GM SMALL BLOCK V8 (262-400)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466204	Both	1.260	0.876	110 @ 1.700	285 @ 1.210	1.160

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with Hydraulic lifters
Use with camshafts: 22303, 22305 & 22401

Valve spring with damper

GM SMALL BLOCK V8 (262-400)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466114#	Outer	1.440	1.080	105 @ 1.750	205 @ 1.1.250	1.086
466274#	Inner	1.084	0.800	72 @ 1.687	152 @ 1.087	1.000
466724**	Both	1.440	0.800	169 @ 1.750	335 @ 1.250	1.086

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with mechanical lifters
Use with camshafts: 22400, 22410 & 22450

#Single Spring ** Dual Spring

GM SMALL BLOCK V8 (262-400)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466354	Both	1.215	0.860	94 @ 1.800	235 @ 1.300	1.125

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with Hydraulic lifters
Use with camshafts: 22110, 22115, 22200, 22203, 22210, 22213, 22301, 22320

Valve spring with damper

GM SMALL BLOCK V8 (262-400)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466364	Both	1.260	0.876	112 @ 1.800	350 @ 1.200	1.160

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with Mechanical lifters
Use with camshafts: 22400, 22410 & 22450

Valve spring with damper

GM SMALL BLOCK V8 (262-400)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466454	Both	1.259	0.885	130 @ 1.720	315 @ 1.174	1.113

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with Hydraulic Roller/ Retro-Fit Roller Lifters
Use with camshafts: 22129, 22131, 22135, 22136, 22221, 22237, 22238, 22280, 22298 & 22398

Single spring

GM SMALL BLOCK V8 (262-400) *New 2024*

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466954	Both	1.263	0.790	150 @ 1.750	367 @ 1.250	1.100

Qty per box: 4 pieces - minimum order qty: 4 pieces

Valve spring with damper

GM BIG BLOCK V8 (366-454)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466224	Both	1.540	1.130	134 @ 1.937	312 @ 1.375	1.200

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with Hydraulic lifters
Use with camshafts: 22100, 22204, 22214, 22296, 23204, 23302, 24204, 24205 & 24224

Valve spring with damper

** Always consult catalog listings for detailed application information**

GM BIG BLOCK V8 (366-454)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466464	Both	1.525	1.125	130 @ 1.900	315 @ 1.261	1.186

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with Hydraulic Roller/ Retro-Fit Roller Lifters
Use with camshafts: 22141, 22223, 22236 & 22472

Single Spring

GM BIG BLOCK V8 (366-454)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466474	Both	1.426	1.016	160 @ 1.900	400 @ 1.250	1.193

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with Hydraulic Roller/ Retro-Fit Roller Lifters
Use with camshafts: 22141, 22223, 22236 & 22472

Beehive Spring

GM LS GEN III/IIII

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
461208**	Both	1.324	0.700	160 @ 1.800	482 @ 1.100	1.045
466524**	Both	1.264/1.029	0.890/0.665	130 @ 1.800	325 @ 1.200	1.146
466564**	Both	1.268	0.890	147 @ 1.800	406 @ 1.230	1.100
466594**	Both	1.304	0.670	151 @ 1.800	417 @ 1.150	1.080

Qty per box: 4 pieces - minimum order qty: 4 pieces
Use with camshafts: MTC-7, MTC-8, 22205, 22307, 22308, 22411, 22412, 22413 & 22500

** Dual Spring *Beehive Spring
(466524 - Up to 6.000 lift • 466594 Up - to 0.650 lift)

GM LS GEN III/IIII *New 2024*

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
461219	Both	1.307/1.072	0.885/0.650	135 @ 1.800	348 @ 1.175	1.125

Qty per box: 4 pieces - minimum order qty: 4 pieces

Beehive Spring

GM LS GEN III/IIII *New 2024*

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466944	Both	1.307/1.072	0.885/0.650	145 @ 1.800	358 @ 1.175	1.100

Qty per box: 4 pieces - minimum order qty: 4 pieces

Beehive Spring

GM V8 6.6L Turbo-Diesel Duramax *New 2024*

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466714	Both	1.254	0.940	70 @ 1.900	128 @ 1.500	1.195

Qty per box: 4 pieces - minimum order qty: 4 pieces

Single spring

OLDSMOBILE V8 (260-455)

Spring Number	Position	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
		inch	inch	lbs. inch	lbs. inch	inch
466134#	Outer	1.384	1.060	66.8 @ 1.625	138 @ 1.150	0.950
466124#	Inner	1.060	0.084	38.2 @ 1.525	92 @ 1.050	0.820
466744**	Both	1.384	0.084	105 @ 1.625	230 @ 1.150	0.820

Qty per box: 4 pieces - minimum order qty: 4 pieces • For use with hydraulic lifters
Use with camshafts: 24203, 24210, 24212, 24301, 25211, 25309 & 25310

Single Spring **Dual spring includes 466124 and 466134

** Always consult catalog listings for detailed application information**

VALVE SPRINGS • LISTED BY ASCENDING OUTSIDE DIAMETER

Spring Number	Spring Rate	Spring Type	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	Coil Bind
			inch	inch	lbs. inch	lbs. inch	inch
*466664	236	Beehive	0.953	0.544	90 @ 1.437	196 @ 0.987	0.930
*466704	335	Single	0.994	0.660	84 @ 1.880	228 @ 1.450	1.377
466124	113	Single	1.060	0.804	38.2 @ 1.525	92 @ 1.050	0.820
466554	295	Beehive	1.061	0.698	100 @ 1.640	265 @ 1.080	1.040
*46113	191	Beehive	1.061	0.636	80 @ 1.640	185 @ 1.090	1.020
466274	133	Single	1.084	0.800	72.5 @ 1.687	152 @ 1.087	1.000
466164	151	Single	1.138	0.795	72.5 @ 1.625	148 @ 1.125	1.110
466354	282	Single W/Damper	1.215	0.860	94 @ 1.800	235 @ 1.300	1.125
466584	380	Beehive	1.219	0.845	100 @ 2.362	310 @ 1.662	1.585
*46981	347	Beehive	1.237	0.650	110 @ 1.700	292 @ 1.175	1.115
466574	300	Beehive	1.245	0.845	80 @ 2.362	346 @ 1.662	1.606
*466694	247	Single	1.254	0.940	94 @ 1.340	178 @ 1.000	0.823
*466714	145	Single	1.254	0.940	70 @ 1.900	128 @ 1.500	1.195
466454	339	Single	1.259	0.885	130 @ 1.720	315 @ 1.174	1.113
466204	357	Single W/Damper	1.260	0.876	110 @ 1.700	285 @ 1.210	1.160
466364	397	Single W/Damper	1.260	0.876	112 @ 1.800	350 @ 1.200	1.160
*466954	434	Single W/Damper	1.263	0.790	150 @ 1.750	367 @ 1.250	1.100
466524	325	Beehive	1.264	0.890	130 @ 1.800	325 @ 1.200	1.146
466564	454	Dual	1.268	0.890	147 @ 1.800	406 @ 1.230	1.100
*466864	417	Single W/Damper	1.270	0.830	130 @ 1.800	380 @ 1.200	1.135
*466914	267	Beehive	1.284	0.660	105 @ 1.800	265 @ 1.200	1.130
*46915	318	Beehive	1.292	0.650	105 @ 1.800	295 @ 1.200	1.100
466594	409	Dual	1.304	0.670	151 @ 1.800	417 @ 1.150	1.080
*466944	341	Beehive	1.307	0.650	145 @ 1.800	358 @ 1.175	1.100
*461219	341	Beehive	1.307	0.650	135 @ 1.800	348 @ 1.175	1.125
461208	460	Dual	1.324	0.700	160 @ 1.800	482 @ 1.100	1.045
*46910	430	Single W/Damper	1.354	0.940	97 @ 1.850	312 @ 1.350	1.280
466134	150	Single	1.384	1.060	66.8 @ 1.625	138 @ 1.150	0.950
466744	263	Dual	1.384	0.084	105 @ 1.625	230 @ 1.150	0.820
*46977	448	Dual	1.385	0.711	161 @ 1.850	430 @ 1.250	1.195
*46988	230	Dual W/Damper	1.388	0.802	117 @ 1.600	232 @ 1.100	1.000
466484	346	Single	1.420	1.020	130 @ 1.780	310 @ 1.260	1.153
466474	339	Beehive	1.426	1.016	160 @ 1.900	400 @ 1.250	1.193
466434	356	Single W/Damper	1.435	1.035	112 @ 1.687	290 @ 1.187	1.125
466444	206	Single W/Damper	1.437	1.075	106 @ 1.750	209 @ 1.250	1.062
*46942	358	Single W/Damper	1.437	0.945	110 @ 1.700	289 @ 1.200	1.060
466114	200	Single	1.440	1.080	105 @ 1.750	205 @ 1.250	1.086
466724	332	Dual	1.440	0.800	169 @ 1.750	335 @ 1.250	1.086
*466924	336	Dual W/Damper	1.440	0.697	135 @ 1.750	303 @ 1.250	1.086
*466814	328	Dual	1.440	0.810	129 @ 1.750	293 @ 1.250	1.086
*46950	363	Dual	1.450	0.790	140 @ 1.900	358 @ 1.300	1.120
*466774	313	Single W/Damper	1.460	1.015	106 @ 1.850	294 @ 1.250	1.150
*466784	440	Dual W/Damper	1.460	0.700	135 @ 1.850	400 @ 1.250	1.150
*46978	403	Dual W/Damper	1.460	0.696	126 @ 1.850	368 @ 1.250	1.150
*46940	253	Single W/Damper	1.463	1.080	100 @ 1.900	252 @ 1.300	1.120
*46972	320	Single W/Damper	1.464	1.064	129 @ 1.800	305 @ 1.250	1.135
*466884	391	Dual	1.472	0.801	103 @ 1.875	377 @ 1.175	1.069
466174	332	Single W/Damper	1.475	1.061	112 @ 1.800	278 @ 1.300	1.125
*46926	416	Single W/Damper	1.476	0.972	109 @ 1.800	317 @ 1.300	1.140
*46901	380	Single W/Damper	1.494	1.080	106 @ 1.650	258 @ 1.250	1.100
*466834	483	Dual	1.510	0.804	180 @ 1.850	470 @ 1.250	1.070
*466904	428	Dual W/Damper	1.510	0.731	192 @ 1.850	449 @ 1.250	1.100
*466764	260	Single W/Damper	1.514	1.070	135 @ 1.750	265 @ 1.250	1.225
466464	290	Single	1.525	1.125	130 @ 1.900	315 @ 1.261	1.186
*466804	352	Single W/Damper	1.539	1.070	131 @ 1.900	309 @ 1.400	1.170
*46938	480	Dual W/Damper	1.539	0.731	204 @ 1.900	516 @ 1.250	1.200
*46939	467	Dual W/Damper	1.539	0.697	145 @ 1.950	425 @ 1.350	1.200
466224	317	Single W/Damper	1.540	1.130	134 @ 1.937	312 @ 1.375	1.200
*466844	535	Dual W/Damper	1.541	0.725	195 @ 1.950	580 @ 1.230	1.190
461918	491	Dual	1.544	0.752	175 @ 1.800	482 @ 1.175	1.056
466154	217	Single	1.550	1.125	131 @ 1.750	240 @ 1.250	1.225
*466854	525	Dual	1.550	0.812	190 @ 1.900	506 @ 1.300	1.100
*466934	390	Dual W/Damper	1.550	0.697	160 @ 1.750	355 @ 1.250	1.225
*466794	473	Dual W/Damper	1.553	0.732	191 @ 1.937	457 @ 1.375	1.149
*466824	453	Dual W/Damper	1.557	0.749	180 @ 2.000	463 @ 1.375	1.060
*466874	540	Dual W/Damper	1.622	0.768	214 @ 2.000	619 @ 1.250	1.120
*466894	575	Dual W/Damper	1.622	0.768	237 @ 2.000	668 @ 1.250	1.120

*New 2024 Valve Spring