

CAM FOLLOWERS

HYDRAULIC ROLLER LIFTERS HIGH RPM STREET RACE BILLET BODY .750" ROLLER DIAMETER NOTE* USE 5W40 OR LIGHTER WEIGHT OILS IN HIGH RPM HYDRAULIC ROLLER LIFTERS

Part Number	Application	Model	Body Diameter	Type
5044	Chevrolet	Small Block V8 Retro fit to 1986	.840"	Tie Bar
5294	GM	LS V8	.840"	Tie Bar
5879	Ford	Cleveland & Windsor V8 - High RPM Lifter	.872"	Tie Bar

SOLID ROLLER LIFTERS STREET RACE .750" ROLLER DIAMETER

5200C	Chevrolet	Small Block V8 Retro fit to 1986	.840"	Tie Bar
5208	Holden	Red, Blue, Black V8	.840"	Tie Bar
5210	Chevrolet	Big Block V8	.840"	Vertical Tie Bar
5211	Chevrolet	Big Block V8	.840"	Horizontal Tie Bar
5261	GM	LS V8	.840"	Tie Bar
5300	Ford	Windsor V8	.872"	Tie Bar
5351	Ford	Cleveland V8	.872"	Tie Bar

SEVERE DUTY SOLID ROLLER LIFTERS WITH PRIORITY OILING

4838PF	Chevrolet	Small Block .180" Int Offset L&R	.840"	Tie Bar
5200PF	Chevrolet	Small Block V8 Severe Duty	.840"	Tie Bar
5212PF	Chevrolet	Big Block V8 Severe Duty	.840"	Tie Bar
5300PF	Ford	Windsor V8 Severe Duty	.872"	Tie Bar
5351PF	Ford	Cleveland V8 Severe Duty	.872"	Tie Bar

ULTIMATE RACE SOLID ROLLER LIFTERS

BUSH BEARING PRESSURE FED LUBRICATION FOR MAXIMUM LOAD RATING

4838BUSH	Chevrolet	Small Block V8 .180" Offset L&R	.840"	Tie Bar
5200BUSH	Chevrolet	Small Block V8 Extreme Duty	.840"	Tie Bar
5212BUSH	Chevrolet	Big Block V8 Extreme Duty	.840"	Tie Bar
6177BUSH	Holden	LS Engines V8 Super Duty	.840"	Tie Bar
5300BUSH	Ford	Small Block V8 Extreme Duty	.872"	Tie Bar

CAM FOLLOWER ARMS

Part Number	Application	Model
RR368	GM, Daewoo	All Family 1, 4 Cylinder Engines
RR811	Ford	Cortina 2000cc OHC Engine

LIFTER GUIDES HEAVY DUTY GM PERFORMANCE LS7 STYLE. SUIT ALL LS FACTORY LIFTERS

LS7GUIDE	GM	All LS Engines (4 Required Per Engine)
LS7LIFTERKIT	GM	All LS Engines. OEM Lifter & Lifter Guides Kit

PERFORMANCE VALVE SPRING APPLICATION

Crow Cams valve springs are made from aircraft quality alloy steels to give the best performance and reliability at a reasonable price. They are specially designed to suit our high lift, high acceleration profiles. The following is a guide to popular applications, if yours is not here see the spring specification chart on page 40 or call our technical staff. **Making correct measurements before assembly is critical as many variables are present to catch the unwary.**

Part Number	Installed Height	Installed Pressure	Pressure @ .5 Lift	Max. Lift	Solid Height	Spring Retainer	Valve Locks
CHEV. BIG BLOCK 396 - 454 Standard retainers have large step which may bind on damper.							
7737-16	1.880"	90	265	.520"	1.310"	12700	12708-16
7437-16^D	1.880"	108	293	.780"	1.050"	12700	12708-16
4910-16^D	1.900"/2.000"	240 / 190	520 / 450	.700"	1.100"	12710 / TR405	12708-16
8937-16^D	1.900"	120	305	.650"	1.180"	12710	12708-16
9731-16	1.950"	130	295	.720"	1.180"	12700	12708-16
8337-16^{2D}	1.980"	105	275	.725"	1.114"	12710	12708-16
9936-16^{5D}	1.980"	125	330	.800"	1.180"	12710	12708-16
9950-16^{5D}	1.980"	150	380	.820"	1.110"	12710	12708-16
9945-16^{5D}	1.980"	125	350	.760"	1.170"	12710	12708-16
4920-16^D	2.000"	250	565	.770"	1.180"	12710 / TR405	12708-16

CHEV. SMALL BLOCK V8

4931-16	1.700"	80	230	.550"	1.100"	11707	11701-16
4828-16	1.700"	115	285	.570"	1.080"	11707	11701-16
4830-16	1.700"	120	275	.550"	1.100"	11707	11701-16
4833-16	1.700"	110	320	.570"	1.080"	11707	11701-16
4328-16^D	1.700"	90	230	.700"	.940"	11707	11701-16
4843-16	1.700"	120	320	.490"	1.160"	11707	11701-16
7328-16^{2,3D}	1.700"	140	285	.690"	.960"	11700	11701-16
4438-16^D	1.800"	120	310	.725"	1.025"	11717	4133-16
7333-16^{2,3D}	1.800"	130	265	.700"	1.050"	13101/11710	11101-16 / 4134-16
7331-16^{2,3D}	1.800"	155	310	.700"	1.050"	13101/11710	11101-16 / 4134-16
8945-16^{2,3D}	1.800"	180	435	.720"	1.040"	13102	11101-16
4845-16	1.850"	90	290	.660"	1.140"	11717	4134-16
4235-16	1.850"	115	310	.720"	1.08	11717	4134-16
7342-16^{2,3D}	1.850"	125	320	.760"	1.040"	13101/11710	11101-16 / 4134-16
7437-16^{3D}	1.850"	115	305	.750"	1.050"	13101/11710	11101-16 / 4134-16
4910-16^D	1.900"/2.000"	240 / 190	520 / 450	.700"	1.100"	13101 / TR405	11101-16
4920-16^D	2.000"	250	565	.770"	1.180"	13101 / TR405	11101-16

Note: Springs marked with xxxx-xx^D denotes that it is a double spring.

PERFORMANCE VALVE SPRING APPLICATION

Part Number	Installed Height	Installed Pressure	Pressure @ .5 Lift	Max. Lift	Solid Height	Spring Retainer	Valve Locks
CHRYSLER 300C V8 5.7 - 6.1							
4435-16	1.800"	135	305	.600"	1.110"	Stock	Stock
CHRYSLER SLANT 6 225							
5091-12	1.650"	100	285	.505"	1.095"	Std.	Std.
CHRYSLER HEMI 6							
5091-12	1.687"	90	275	.542"	1.095"	12700	12102-12
7736-12	1.687"	110	280	.535"	1.100"	12700	12102-12
7328-12^{3,4,D}	1.787"	115	250	.777"	0.960"	12710	12102-12
CHRYSLER SMALL BLOCK 273 - 360 V8							
5091-16	1.687"	90	275	.542"	1.095"	12700	Note 7
7736-16	1.687"	110	280	.537"	1.100"	12700	Note 7
7331-16^{3,4,D}	1.687"	185	340	.587"	1.050"	12700	Note 7
7328-16^{3,4,D}	1.787"	115	250	.777"	0.960"	12710	Note 7
DATSUN L SERIES ENGINES, 1600-2000 4CYL / 2400-2800 6CYL							
5840-8^D	1.580"	85	250	.670"	0.860"	Std.	Std.
FORD BA 6 CYLINDER							
1808-24	1.480"	90	195	.550"	.880"	Std	Std
1809-24	1.520"	110	210	.570"	.900"	Std	Std
FORD BA V8 290KW / XR8 FROM MAY 2008							
1808-32	1.490"	85	190	.560"	.880"	Std	Std
1809-32	1.590"	95	190	.640"	.900"	10703	Std
1804-32	1.590"	120	265	.520"	1.020"	Std	Std
FORD FALCON CROSSFLOW							
7739-12²	1.820"	110	275	.620"	1.150"	12700-12	11704-12
7738-12²	1.820"	110	280	.590"	1.180"	12700-12	11704-12
7328-12^{2,4,D}	1.820"	100	235	.810"	0.960"	12700-12	11704-12
7333-12^{2,4,D}	1.820"	120	280	.720"	1.050"	12700-12	11704-12
FORD FALCON AU							
7739-12	1.820"	110	275	.620"	1.150"	11750	Standard
7332-12^D	1.820"	120	280	.720"	1.050"	11740	Standard
FORD FALCON PRE-CROSSFLOW							
1025-12	1.550"	125	230	.520"	1.030"	11700-12	11703-12
FORD 4.6 V8 4 VALVE							
1832-16	1.470"	90	250	.500"	.900"	N/A	Standard

Note: Springs marked with xxxx-xx^D denotes that it is a double spring.

PERFORMANCE VALVE SPRING APPLICATION

Part Number	Installed Height	Installed Pressure	Pressure @ .5 Lift	Max. Lift	Solid Height	Spring Retainer	Valve Locks
FORD FALCON 6 OHC TO EL							
7739-12	1.820"	110	275	.620"	1.150"	12700-12	11704-12
7332-12^D	1.820"	100	250	.720"	1.050"	12700-12	11704-12
7333-12^D	1.820"	120	280	.720"	1.050"	12700-12	11704-12
FORD 998 - 1600 PUSHROD ENGINE							
NB. Step to be M/C off head for double springs							
2834-8^D	1.280"	100	305	.430"	.800"	Standard	Standard
2836-8^D	1.280"	110	305	.460"	.770"	Standard	Standard
2021-8	1.289"	65	165	.489"	.750"	Standard	Standard
FORD 2000 OHC							
4250-8^{4,D}	1.417"	70	195	.550"	.817"	Standard	Standard
FORD CLEVELAND & BIG BLOCK 370-460 SINGLE OR MULTI GROOVE VALVES							
NB. Step to be M/C off head for double springs							
7342-16^D	1.800"	140	340	.760"	1.040"	11700	4133-16
7737-16²	1.820"	110	295	.460"	1.310"	12700	11702-16
7738-16²	1.820"	110	280	.590"	1.180"	12700	11702-16
7328-16^{5,D}	1.820"	100	235	.810"	0.960"	11700	4133-16
7333-16^{5,D}	1.820"	120	280	.720"	1.050"	11700	4133-16
7437-16^{5,D}	1.820"	125	315	.720"	1.050"	11700	4133-16
4910-16^D	1.900"/2.000"	240 / 190	520 / 450	.700"	1.100"	12710 / TR405	12708-16
7331-16^{5,D}	1.920"	115	265	.820"	1.050"	13101	11101-16
9950-16^{5,D}	1.920"	175	420	.760"	1.110"	13102	11101-16
4920-16^D	2.000"	250	565	.800"	1.180"	13101 / TR405	11101-16
FORD WINDSOR Check installed height before selecting springs as models vary							
7736-16	1.700"	110	275	.550"	1.100"	11700	11701-16
7738-16	1.800"	115	290	.570"	1.180"	11710	11701-16
7333-16^{5,D}	1.800"	125	285	.700"	1.050"	11710	11701-16 / 4134-16
7437-16^{5,D}	1.800"	130	325	.700"	1.050"	11710	4133-16
8945-16^{5,D}	1.800"	180	435	.710"	1.040"	13102	11101-16
7342-16^D	1.800"	140	340	.760"	1.040"	11710	4134-16
4910-16^D	1.900"/2.000"	240 / 190	520 / 450	.700"	1.100"	12710 / TR405	12708-16
4920-16^D	2.000"	250	565	.800"	1.180"	13101 / TR405	11101-16
TOYOTA 1FZ-FE							
4163-12	1.487"	105	230	.462"	0.975"	10715	Std

Note: Springs marked with xxxx-xx^D denotes that it is a double spring.

PERFORMANCE VALVE SPRING APPLICATION

Part Number	Installed Height	Installed Pressure	Pressure @.5 Lift	Max. Lift	Solid Height	Spring Retainer	Valve Locks
HOLDEN VN-VP V6							
4936-12	1.700"	80	230	.550"	1.100"	11707-12	11703-12
4836-12	1.700"	115	310	.550"	1.100"	11707-12	11703-12
4327-12^D	1.700"	100	230	.710"	0.940"	11707-12	4133-12
4835-12	1.700"	120	273	.560"	1.090"	11707-12	11703-12
7328-12^D	1.700"	125	265	.690"	0.960"	11700-12	11703-12 / 4133-12
7332-12^{2,3D}	1.700"	125	280	.600"	1.050"	11700-12	4133-12
4231-12	1.780"	115	250	.550"	1.090"	11708-12	11703-12
HOLDEN ECOTEC V6							
4231-12	1.780"	115	250	.550"	1.090"	10707-12	10701-12
4438-12^D	1.780"	145	335	.650"	1.025"	10708-12	10701-12
4511X-12	1.780"	140	330	.600"	1.100"	10707-12	10701-12
4919-12	1.780"	160	310	.640"	1.090"	10707-12	10701-12
4918-12	1.780"	135	290	.640"	1.090"	10707-12	10701-12
4021-12	1.780"	55	225	.630"	1.150"	11707-12	11701-12
HOLDEN 6 CYLINDER RED MOTOR							
4719-12	1.625"	90	190	.645"	.930"	11707-12	11703-12
4326-12^{3D}	1.625"	125	245	.625"	.950"	11707-12	11703-12
4823-12	1.625"	120	250	.615"	.960"	11707-12	11703-12
4327-12^D	1.660"	110	250	.670"	.940"	11707-12	11703-12
7328-12^{5D}	1.755"	130	255	.745"	.960"	11700-12	4134-12
7333-12^{5D}	1.810"	115	265	.710"	1.050"	11710-12	4134-12
7331-12^{5D}	1.810"	155	305	.710"	1.050"	11710-12	4134-12
8945-12^{5D}	1.810"	180	430	.720"	1.040"	11710-12	4134-12
HOLDEN 6 CYLINDER BLUE & BLACK MOTOR							
4028-12	1.470"	115	210	.540"	0.880"	11707	11703-12
4038-12	1.470"	90	270	.500"	0.920"	11707	11703-12
4336-12^{2D}	1.505"	140	300	.605	0.850"	11707-12	4133-12
4823-12²	1.605"	125	255	.595"	0.960"	11717-12	4134-12
4327-12^{2D}	1.655"	110	245	.665"	0.940"	11717-12	4134-12
HOLDEN GEMINI							
5840-8^D	1.550"	95	265	.640"	.860"	Standard	Standard
5833-8^D	1.550"	100	260	.600"	.900"	Standard	Standard

Note: Springs marked with xxxx-xx^D denotes that it is a double spring.

PERFORMANCE VALVE SPRING APPLICATION

Part Number	Installed Height	Installed Pressure	Pressure @.5 Lift	Max. Lift	Solid Height	Spring Retainer	Valve Locks
HOLDEN 253, 308							
4931-16	1.700"	80	230	.550"	1.100"	11707	11701-16
7328-16^{2,3D}	1.700"	140	285	.690"	.960"	11700	11701-16
4828-16	1.700"	115	285	.570"	1.080"	11707	11701-16
4830-16	1.700"	120	275	.550"	1.100"	11707	11701-16
4833-16	1.700"	115	325	.570"	1.080"	11707	11701-16
4328-16^{3D}	1.700"	90	230	.710"	.940"	11707	11701-16
4843-16	1.700"	120	320	.490"	1.160"	11707	11701-16
4438-16^D	1.800"	140	325	.726"	1.025"	11717	4133-16
7333-16^{2,3D}	1.800"	125	285	.700"	1.050"	11710	4133-16
7331-16^{2,3D}	1.800"	155	310	.700"	1.050"	13101/11710	11101-16 / 4134-16
8945-16^{2,3D}	1.800"	180	435	.710"	1.040"	13102	11101-16
4845-16	1.850"	90	290	.660"	1.140"	11717	4134-16
4235-16	1.850	115	310	.720"	1.080	11717	4134-16
7342-16^{3D}	1.850"	125	315	.760"	1.040"	13101/11710	11101-16 / 4134-16
7437-16^{3D}	1.850"	115	305	.750"	1.050"	13101/11710	11101-16 / 4134-16
4910-16^D	1.900"/2.000"	240 / 190	520 / 450	.700"	1.100"	12710 / TR405	12708-16
4920-16^D	2.000"	250	565	.770"	1.180"	13101 / TR405	11101-16
HOLDEN V8 LS ENGINE FAMILY							
4231-16	1.780"	115	250	.550"	1.090"	10707-16	10701-16
4511X-16	1.780"	140	330	.600"	1.100"	10707-16	10701-16
4438-16^D	1.780"	145	335	.650"	1.025"	10708-16	10701-16
4439-16^D	1.800"	160	350	.650"	1.020"	10708-16	10701-16
MITSUBISHI SIGMA							
5840-8^D	1.560"	90	260	.650"	0.860"	Standard	Standard
NISSAN RB30							
5840-12^D	1.570"	85	255	.660"	0.860"	Standard	Standard
5833-12^D	1.570"	95	255	.600"	0.900"	Standard	Standard
5835-12^D	1.570"	100	275	.570"	0.950"	Standard	Standard
5838-12^{8D}	1.600"	120	300	.570"	0.950"	Standard	Standard

Note: Springs marked with xxxx-xx^D denotes that it is a double spring.

NOTES: 2. Must use performance retainers 3. Machining required to fit these components 4. Must use performance seal 5. Notes 2 to 4 all apply to this part number. 7. Hardened valve locks, Inlet 12703, Exhaust 12704. 8. Step on head needs to be machined to 0.040", 1mm high.