

PERFORMANCE ENGINE BEARINGS

Engine Pro Performance Series bearings deliver a unique and desirable combination of strength and flexibility. All Engine Pro Performance Series rod bearings feature hardened steel backing for superior performance under high load and temperature conditions. Engine Pro Performance Series main bearings are 3/4 grooved for optimum oil supply and increased surface area for better load carrying capability.

- Oversized Chamfers for Large Radius Fillets
- High Crush and No Flash Plating to Improve Seating
- Medium Eccentricity to Maintain Uniform Oil Clearance
- Thinner, High Strength Overlay to Increase Fatigue Strength
- Wall Tolerance +/- .00015" to Maintain Accurate Clearances



APPLICATION	ROD BEARING PART #	MAIN BEARING PART #	OIL CLEARANCE	COMMENT
CHEVROLET				
SMALL BLOCK LARGE JOURNAL	11-663H*	12-909H*	STD	
SMALL BLOCK LARGE JOURNAL	11-663HD#	12-909H*	STD	
SMALL BLOCK LARGE JOURNAL	11-663HX	12-909HX	+.001	
SMALL BLOCK LARGE JOURNAL	11-663HxD#	12-909HX	+.001	
SMALL BLOCK SMALL JOURNAL	11-745H	12-429H	STD	
SMALL BLOCK SMALL JOURNAL	11-745HD #	12-429H	STD	
SMALL BLOCK SMALL JOURNAL	11-745HX	12-429HX	+.001	
SMALL BLOCK SMALL JOURNAL	11-745HxD#	12-429HX	+.001	
SMALL BLOCK 400 C.I.D.	11-663H*	12-1038H	STD	
SMALL BLOCK 400 C.I.D.	11-663HD#	12-1038H	STD	
SMALL BLOCK 400 C.I.D.	11-663HX	12-1038HX	+.001	
SMALL BLOCK 400 C.I.D.	11-663HxD #	12-1038HX	+.001	
SMALL BLOCK GEN III LS1 / VORTEC	11-663H*	12-2199H	STD	
SMALL BLOCK GEN III LS1 / VORTEC	11-663HD #	12-2199H	STD	
SMALL BLOCK GEN III LS1 / VORTEC	11-663HX	12-2199HX	+.001	
SMALL BLOCK GEN III LS1 / VORTEC	11-663HxD #	12-2199HX	+.001	
BIG BLOCK	11-743H*	12-829H*	STD	
BIG BLOCK	11-743H #	12-829H#	STD	
BIG BLOCK	11-743HX*	12-829HX	+.001	
BIG BLOCK	11-743HxD #	12-829HX	+.001	
CHRYSLER				
273, 318, 340, 360 C.I.D.	11-481H		STD	
273, 318, 340, 360 C.I.D.	11-481HX		+.001	
350, 361, 383, 400, 440 C.I.D.	11-527HD#		STD	
350, 361, 383, 400, 440 C.I.D.	11-527HxD#		+.001	
FORD				
221, 255, 260, 289, 302 C.I.D.	11-634H*	12-590H*	STD	
221, 255, 260, 289, 302 C.I.D.	11-634HD #	12-590H *	STD	
221, 255, 260, 289, 302 C.I.D.	11-634HX	12-590HX	+.001	
221, 255, 260, 289, 302 C.I.D.	11-634HxD #	12-590HX	+.001	
281 C.I.D. (4.6L), 330 C.I.D. (5.4L)	11-1442H	12-2202H	STD	
281 C.I.D. (4.6L), 330 C.I.D. (5.4L)	11-1442HX	12-2202HX	+.001	
351C C.I.D.	11-927H	12-1010H	STD	
351C C.I.D.		12-1010HX	+.001	
351M, 400 C.I.D.	11-927H	12-1432H	STD	
351M, 400 C.I.D.		12-1432HX	+.001	
429, 460 C.I.D.	11-818H	12-1039H	STD	
429, 460 C.I.D.		12-1039HX	+.001	
MINI				
4G63/4G64	11-1185H	12-1186H	STD	6/92-99
4G63/4G64	11-1185HX	12-1186HX	+.001	W/ INTEGRAL THRUST
4G63/4G64	11-1185H	12-1219H	STD	97-99
4G63/4G64	11-1185HX	12-1219HX	+.001	W/ SEPARATE THRUST WASHER (NOT INCLUDED)
SUBARU				
	11-1697H	12-8309H	STD	52mm ROD BEARINGS.
	11-1657HX	12-8309HX	+.001	THRUST BEARING IN #5 POSITION
CUSTOM PERFORMANCE				
	11-1663H		STD	2.015" HOUSING BORE/ 1.8885 - 1.8890
	11-1663HX		+.001	SHAFT DIAMETER/792" LONG
	11-1665HD #		STD	2.015" HOUSING BORE/ 1.8885 - 1.8890
	11-1665HxD #		+.001	SHAFT DIAMETER/.896" LONG

* Exclusive crank saver sizes (.009" and .011") # HD and HxD bearings have dowel hole

IMPORTANT NOTE: Bearings are available in standard size and various undersizes. Please refer to price list for specific undersizes by part number. Rod bearings are priced by journal and sold in sets. Main bearings priced and sold in sets.

NEW: E15000 SERIES PERFORMANCE ENGINE BEARINGS

Engine Pro E15000 Series Performance Bearings are specifically designed for extreme performance applications. E Series bearings have a load capacity of 15,000 psi, the highest available. This is accomplished through the use of a patented four metal design which features premium 1020 hardened steel backing material, leaded bronze bearing material (CuPb14Sn3) and thin overlays. Thrust bearings have a patented profile on the thrust face to double their load carrying capacity by enhancing the formation of hydrodynamic oil film. The result is a bearing offering the ultimate in durability under extreme load, high rpm and high temperature conditions.

Bearings are 3/4 grooved for optimum oil supply plus increased bearing surface area. Flash tin coating has been eliminated on both the O.D. and I.D. surfaces. This eliminates the possibility of tin material migrating and building up in one area to create a hot spot on the bearing surface.

- 15,000 psi load carrying capacity
- Hardened 1020 backing material with greater fatigue strength to handle higher thrust loads
- Higher amount of crush height for maximum fit and retention
- More eccentricity in rod bearing to avoid crankshaft contact and increase oil flow
- Patented profile on thrust bearing face doubles load carrying capacity
- 3/4 grooved for optimum oil supply and increased bearing surface area
- Enlarged chamfer to accommodate large crankshaft fillet diameters



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CHEVROLET				
SMALL BLOCK LARGE JOURNAL	11E-663H8*	12E-909H*	STD	
SMALL BLOCK LARGE JOURNAL	11E-663HD8#	12E-909H*	STD	
SMALL BLOCK LARGE JOURNAL	11E-663HX8	12E-909HX	+ .001	
SMALL BLOCK LARGE JOURNAL	11E-663HXD8#	12E-909HX	+ .001	
SMALL BLOCK SMALL JOURNAL	11E-745H8	12E-429H	STD	
SMALL BLOCK SMALL JOURNAL	11E-745HD8#	12E-429H	STD	
SMALL BLOCK SMALL JOURNAL	11E-745HX	12E-429HX	+ .001	
SMALL BLOCK SMALL JOURNAL	11E-745HXD8#	12E-429HX	+ .001	
SMALL BLOCK 400 C.I.D.	11E-663H8*	12E-1038H	STD	
SMALL BLOCK 400 C.I.D.	11E-663HD8#	12E-1038H	STD	
SMALL BLOCK 400 C.I.D.	11E-663HX8	12E-1038HX	+ .001	
SMALL BLOCK 400 C.I.D.	11E-663HXD8#	12E-1038HX	+ .001	
SMALL BLOCK GEN III LS1 / VORTEC	11E-663H8*	12E-2199H	STD	
SMALL BLOCK GEN III LS1 / VORTEC	11E-663HD8#	12E-2199H	STD	
SMALL BLOCK GEN III LS1 / VORTEC	11E-663HX8	12E-2199HX	+ .001	
SMALL BLOCK GEN III LS1 / VORTEC	11E-663HXD8#	12E-2199HX	+ .001	
BIG BLOCK	11E-743H8*	12E-829H*	STD	
BIG BLOCK	11E-743H8 #	12E-829H#	STD	
BIG BLOCK	11E-743HX8*	12E-829HX	+ .001	
BIG BLOCK	11E-743HXD8#	12E-829HX	+ .001	
CHRYSLER				
273, 318, 340, 360 C.I.D.	11E-481H8		STD	
273, 318, 340, 360 C.I.D.	11E-481HX8		+ .001	
350, 361, 383, 400, 440 C.I.D.	11E-527HD8#		STD	
FORD				
221, 255, 260, 289, 302 C.I.D.	11E-634H8*	12E-590H*	STD	
221, 255, 260, 289, 302 C.I.D.	11E-634HX8	12E-590HX	+ .001	
281 C.I.D. (4.6L), 330 C.I.D. (5.4L)	11E-1442H8	12E-2202H	STD	
281 C.I.D. (4.6L), 330 C.I.D. (5.4L)	11E-1442HX8	12E-2202HX	+ .001	
351C C.I.D.		12E-1010H	STD	
351C C.I.D.		12E-1010HX	+ .001	
351M, 400 C.I.D.		12E-1432H	STD	
351M, 400 C.I.D.		12E-1432HX	+ .001	
351W	11E-831H8	12E-1432H	STD	
351W		12E-1432HX	+ .001	
429, 460 C.I.D.	11E-818H8	12E-1039H	STD	
429, 460 C.I.D.		12E-1039HX	+ .001	
CUSTOM PERFORMANCE				
	11E-1663H8		STD	2.015" HOUSING BORE/ 1.8885 - 1.8890
	11E-1663HX8		+ .001	SHAFT DIAMETER/.792" LONG

* Crank saver sizes (.009", .011", .019", .021") # HD and HXD bearings have dowel hole

IMPORTANT NOTE: Bearings are available in standard size and various undersizes. Please refer to price list for specific undersizes by part number. All bearings are priced and sold in sets.