



CR-B & CR-XB

Regular Stud

Hex-Drive Socket

Regular Stud
with Hex-Drive Socket
Sealed or Unsealed
X = Sealed

Dimensional Data (inches)

SMITH Bearing® Number		D Roller O.D. +.000 -.001	B Roller Width +.000 -.005	A Stud Dia. +.001 -.000	M Stud Length	S Eff. Thread Min.	T Thread U.N.F. Class 2A	HEX Size	N Oil Hole Location	H Oil Hole Dia.	P Lube Fitting Size ▲	Min Boss. Dia.	Recom. Bore +.0005 -.0000	Recom. Torque (lbs-in)	Basic Dynamic Rating (lbs)	Max Static Capacity (lbs)
UNSEALED	SEALED															
CR-1/2-B	CR-1/2-XB	.500	.375	.190	5/8	1/4	10-32	1/8	-	-	▲▲	19/64	.1900	20	970	720
CR-5/8-B	CR-5/8-XB	.625	.4375	.250	3/4	5/16	1/4-28	1/8	-	-	▲▲	23/64	.2500	50	1320	1250
CR-3/4-B	CR-3/4-XB	.750	.500	.375	7/8	3/8	3/8-24	3/16	1/4	3/32	3/16	1/2	.3750	120	2140	2200
CR-7/8-B	CR-7/8-XB	.875														
CR-1-B	CR-1-XB	1.000	.625	.4375	1	1/2	7/16-20	1/4	1/4	3/32	3/16	5/8	.4375	350	3030	3100
CR-1 1/8-B	CR-1 1/8-XB	1.125														
CR-1 1/4-B	CR-1 1/4-XB	1.250	.750	.500	1 1/4	5/8	1/2-20	1/4	5/16	3/32	3/16	3/4	.5000	500	4470	4300
CR-1 3/8-B	CR-1 3/8-XB	1.375														
CR-1 1/2-B	CR-1 1/2-XB	1.500	.875	.625	1 1/2	3/4	5/8-18	5/16	3/8	3/32	3/16	57/64	.6250	1000	5560	5730
CR-1 5/8-B	CR-1 5/8-XB	1.625														
CR-1 3/4-B	CR-1 3/4-XB	1.750	1.000	.750	1 3/4	7/8	3/4-16	5/16	7/16	3/32	3/16	1 3/64	.7500	2000	7870	7950
CR-1 7/8-B	CR-1 7/8-XB	1.875														
CR-2-B	CR-2-XB	2.000	1.250	.875	2	1	7/8-14	7/16	1/2	5/32	3/16	1 13/64	.8750	2200	10370	10700
CR-2 1/4-B	CR-2 1/4-XB	2.250														
CR-2 1/2-B	CR-2 1/2-XB	2.500	1.500	1.000	2 1/4	1 1/8	1-14	1/2	9/16	5/32	3/16	1 5/16	1.0000	3000	15280	16650
CR-2 3/4-B	CR-2 3/4-XB	2.750														
CR-3-B	CR-3-XB	3.000	1.750	1.250	2 1/2	1 1/4	1 1/4-12	5/8	5/8	1/4	1/4	1 3/4	1.2500	5000	20200	25260
CR-3 1/4-B	CR-3 1/4-XB	3.250														
CR-3 1/2-B	CR-3 1/2-XB	3.500	2.000	1.375	2 3/4	1 3/8	1 3/8-12	5/8	11/16	1/4	1/4	2	1.3750	6000	24660	31800
CR-4-B	CR-4-XB	4.000	2.250	1.500	3 1/2	1 1/2	1 1/2-12	3/4	3/4	1/4	1/4	2 1/4	1.5000	7000	35980	45100
	CR-5-XB	3.500	2.750	2.000	5 1/16	2 9/16	2-12	1	-	-	1/4	3	2.0000	7500	49750	56900
	CR-6-XB	4.000	3.250	2.500	6	3	2 1/2-12	1	-	-	1/4	3 1/2	2.5000	7500	71400	94000

▲ Relubricate through threaded end only.
▲▲ Cannot be relubricated.