

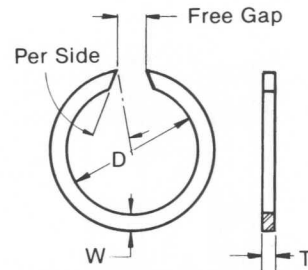
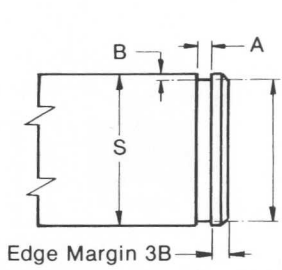
XD Series External Retaining Rings (Light Duty)

Shaft Applications for Needle Bearings



THIS STYLE ONLY
ON XD50 and XD62.

Enclosed head assembly tools available on request. See assembly section for additional information.



Material Steel SAE 1060 to 1075

Hardness R/C42-53

S Shaft Diameter or Bearing Bore			Part No.	Groove Dimensions			Ring Dimensions			Free Gap		Ring Thrust Capacity Lbs.		
Inches		MM		Diameter		Width	Free I.D.		Width	Thick	Min.		Max.	
Dec.	Frac.	Equiv.		C	Tol.	A	B Nom.	D	Tol.	W				T ± .002
.500	1/2	12.70	XD50	.474	± .002	.039	.013	.465	+ .000 - .025	.048 ± .003	.035	.062	.218	460
.625	5/8	15.88	XD62	.597		.046	.014	.587		.062 ± .003	.035			520
.750	3/4	19.05	XD75	.716		.053	.017	.704		.078 ± .003	.042			900
.875	7/8	22.23	XD87	.833	± .003	.060	.021	.823	+ .000 - .031	.093 ± .003	.042	.125	.281	1100
1.000	1	25.40	XD100	.954		.067	.023	.944			.042			1200
1.125	1 1/8	25.58	XD112	1.077		.074	.024	1.065			.042			1600
1.187	1 3/16	30.15	XD118	1.135	± .004	.081	.026	1.120	+ .000 - .062	.125 ± .005	.042	.156	.437	1700
1.250	1 1/4	31.75	XD125	1.194		.088	.028	1.179			.042			1800
1.312	1 5/16	33.32	XD131	1.252		.095	.030	1.232			.042			1900
1.375	1 3/8	34.93	XD137	1.309	± .006	.102	.033	1.289	+ .000 - .078	.187 ± .005	.042	.156	.468	2010
1.437	1 7/16	36.50	XD143	1.369		.109	.034	1.349			.042			2120
1.500	1 1/2	38.10	XD150	1.430		.116	.035	1.410			.042			2260
1.625	1 5/8	41.28	XD162	1.545	± .008	.123	.040	1.520	+ .000 - .093	.218 ± .005	.042	.187	.562	2800
1.687	1 11/16	42.85	XD168	1.607		.130	.040	1.582			.042			2900
1.750	1 3/4	44.45	XD175	1.670		.137	.040	1.645			.042			3000
1.937	1 15/16	49.20	XD193	1.857	± .006	.144	.040	1.832	+ .000 - .125	.250 ± .005	.042	.218	.750	3100
2.000	2	50.80	XD200	1.920		.151	.040	1.895			.042			3200
2.187	2 3/16	55.55	XD218	2.107		.158	.040	2.082			.042			3400
2.250	2 1/4	57.15	XD225	2.170	± .006	.165	.040	2.145	+ .000 - .093	.156 ± .005	.042	.156	.437	3500
2.375	2 3/8	60.33	XD237	2.295		.172	.040	2.270			.042			3600
2.500	2 1/2	63.50	XD250	2.420		.179	.040	2.390			.042			3650
2.750	2 3/4	69.85	XD275	2.626	± .006	.186	.062	2.596	+ .000 - .078	.187 ± .005	.062	.156	.468	5790
2.937	2 15/16	74.60	XD293	2.813		.193	.062	2.783			.062			6150
3.000	3	76.20	XD300	2.876		.200	.062	2.846			.062			6250
3.125	3 1/8	79.38	XD312	3.000	± .006	.207	.062	2.965	+ .000 - .093	.218 ± .005	.062	.156	.468	6400
3.250	3 1/4	82.55	XD325	3.125		.214	.062	3.090			.062			6500
3.375	3 3/8	85.73	XD337	3.250		.221	.062	3.215			.062			6600
3.500	3 1/2	88.90	XD350	3.375	± .006	.228	.062	3.340	+ .000 - .125	.250 ± .005	.062	.156	.468	6700
3.750	3 3/4	95.25	XD375	3.610		.235	.062	3.570			.078			8800
4.000	4	101.60	XD400	3.860		.242	.062	3.820			.078			9000
4.250	4 1/4	107.95	XD425	4.110	± .008	.249	.070	4.070	+ .000 - .093	.218 ± .005	.078	.187	.562	9200
4.500	4 1/2	114.30	XD450	4.360		.256	.070	4.320			.078			9400
4.750	4 3/4	120.65	XD475	4.610		.263	.070	4.560			.078			9200
5.000	5	127.00	XD500	4.860	± .008	.270	.080	4.800	+ .000 - .125	.250 ± .005	.078	.218	.750	9000
5.500	5 1/2	139.70	XD550	5.340		.277	.080	5.280			.093			13000
6.000	6	152.40	XD600	5.840		.284	.080	5.775			.093			9000
6.500	6 1/2	165.10	XD650	6.340	± .008	.291	.090	6.270	+ .000 - .156	.281 ± .005	.093	.218	.812	7500
7.000	7	177.80	XD700	6.840		.298	.090	6.765			.093			6100
7.500	7 1/2	190.50	XD750	7.320		.305	.090	7.245			.109			
8.000	8	203.24	XD800	7.820		.090	7.740	.109						