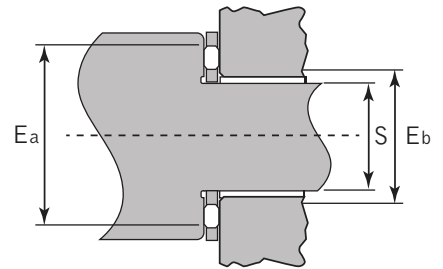
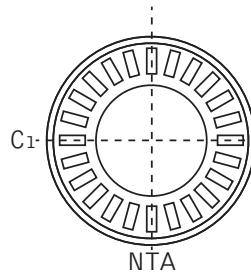
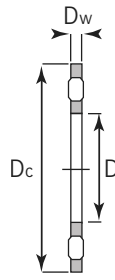
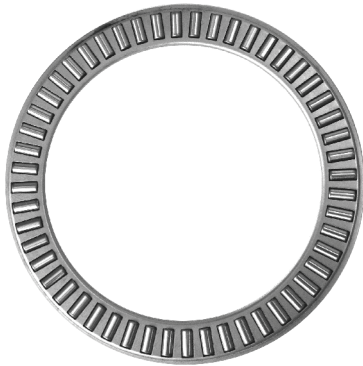


Thrust Needle Bearing



Minimum hardness of raceway must be 58 HRC

NTA

Bearing Designation	Shaft Diameter	Dimensions Dc1 (inch)	Dc	Dw	Eb	Ea	Load Ratings Basic lbf		Limiting Speed Oil	Mass Approx. lbs
							Dynamic C	Static C0		
NTA 411	1/4	0.25	0.687	0.0781	0.34	0.58	1 150	2 420	26 000	0.003
NTA 512	5/16	0.312	0.75	0.0781	0.4	0.64	1 310	2 960	24 000	0.004
NTA 613	3/8	0.375	0.812	0.0781	0.46	0.71	1 360	3 220	22 000	0.004
NTA 815	1/2	0.5	0.937	0.0781	0.59	0.83	1 610	4 300	19 000	0.005
NTA 916	9/16	0.562	1	0.0781	0.65	0.89	1 730	4 840	18 000	0.006
NTA 1018	5/8	0.625	1.125	0.0781	0.71	1.02	2 200	6 830	15 000	0.007
NTA 1220	3/4	0.75	1.25	0.0781	0.84	1.14	2 450	8 200	14 000	0.009
NTA 1423	7/8	0.875	1.437	0.0781	0.96	1.33	3 020	11 200	12 000	0.011
NTA 1427	7/8	0.875	1.687	0.0781	1.02	1.57	4 150	17 600	9 800	0.017
NTA 1625	1	1	1.562	0.0781	1.09	1.45	3 110	12 100	11 000	0.013
NTA 1828	1-1/8	1.125	1.75	0.0781	1.21	1.64	3 750	16 000	6 900	0.019
NTA 2031	1-1/4	1.25	1.937	0.0781	1.34	1.82	4 530	21 000	8 600	0.021
NTA 2233	1-3/8	1.375	2.062	0.0781	1.46	1.95	4 800	23 200	8 000	0.023
NTA 2435	1-1/2	1.5	2.187	0.0781	1.59	2.07	5 220	26 500	7 600	0.025
NTA 2840	1-3/4	1.75	2.5	0.0781	1.84	2.32	5 690	30 900	6 800	0.031
NTA 3244	2	2	2.75	0.0781	2.09	2.57	5 400	29 800	6 100	0.033
NTA 3446	2-1/8	2.125	2.875	0.0781	2.22	2.7	5 490	30 900	5 800	0.036
NTA 3648	2-1/4	2.25	3	0.0781	2.34	2.82	5 570	32 000	5 600	0.038
NTA 3650	2-1/4	2.25	3.125	0.125	2.36	2.96	8 470	39 800	5 300	0.064
NTA 4052	2-1/2	2.5	3.25	0.0781	2.59	3.07	5 740	34 200	5 100	0.041
NTA 4458	2-3/4	2.75	3.625	0.125	2.86	3.46	10 700	57 500	4 600	0.082
NTA 4860	3	3	3.75	0.0781	3.09	3.57	6 060	38 700	4 400	0.048
NTA 5266	3-1/4	3.25	4.125	0.125	3.36	3.96	11 600	66 300	4 000	0.092
NTA 6074	3-3/4	3.75	4.625	0.125	3.86	4.46	12 600	77 400	3 500	0.11
NTA 6681	4-1/8	4.125	5.062	0.125	4.23	4.9	14 300	93 200	3 200	0.136