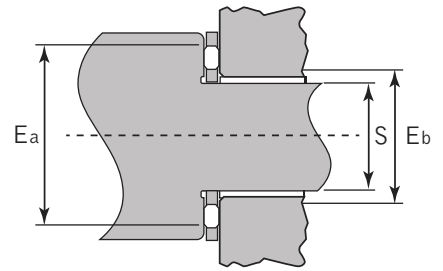
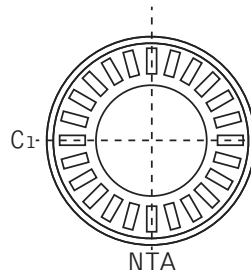
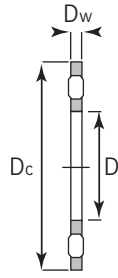


# Thrust Needle Bearing



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