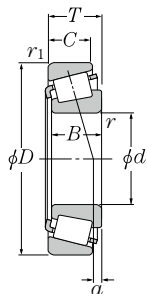


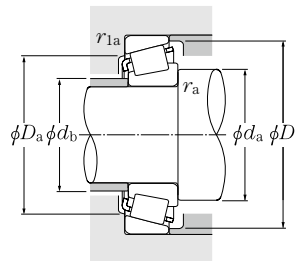
Inch series



d 22.225 ~ 28.575mm

d	Boundary dimensions				Basic load rating		Allowable speed	
	D	T	B	C	dynamic C _r	static C _{0r}	Grease lubrication	Oil lubrication
22.225	56.896	19.368	19.837	15.875	47.5	46.5	7 200	9 600
	57.150	22.225	22.225	17.462	52.5	49.5	7 100	9 500
22.606	47.000	15.500	15.500	12.000	30.5	32.5	8 200	11 000
23.812	50.005	13.495	14.260	9.525	28.8	27.9	7 500	10 000
	50.292	14.224	14.732	10.668	32.0	34.0	7 400	9 900
	56.896	19.368	19.837	15.875	47.5	46.5	7 200	9 600
24.981	50.005	13.495	14.260	9.525	28.8	27.9	7 500	10 000
25.000	50.005	13.495	14.260	9.525	28.8	27.9	7 500	10 000
25.159	50.005	13.495	14.260	9.525	28.8	27.9	7 500	10 000
25.400	50.005	13.495	14.260	9.525	28.8	27.9	7 500	10 000
	50.005	13.495	14.260	9.525	28.8	27.9	7 500	10 000
	50.292	14.224	14.732	10.668	32.0	34.0	7 400	9 900
	51.994	15.011	14.260	12.700	28.8	27.9	7 500	10 000
	56.896	19.368	19.837	15.875	47.5	46.5	7 200	9 600
	57.150	19.431	19.431	14.732	47.0	48.5	6 900	9 200
	61.912	19.050	20.638	14.288	52.0	54.0	6 100	8 200
	62.000	19.050	20.638	14.288	52.0	54.0	6 100	8 200
	62.000	19.050	20.638	14.288	52.0	54.0	6 100	8 200
	64.292	21.433	21.433	16.670	57.5	64.5	6 100	8 100
65.088	22.225	21.463	15.875	52.0	50.5	5 700	7 600	
66.421	23.812	25.433	19.050	71.5	72.5	6 200	8 200	
26.157	62.000	19.050	20.638	14.288	52.0	54.0	6 100	8 200
26.162	66.421	23.812	25.433	19.050	71.5	72.5	6 200	8 200
26.988	50.292	14.224	14.732	10.668	32.0	34.0	7 400	9 900
	60.325	19.842	17.462	15.875	44.0	45.5	6 700	8 900
	62.000	19.050	20.638	14.288	52.0	54.0	6 100	8 200
	66.421	23.812	25.433	19.050	71.5	72.5	6 200	8 200
28.575	56.896	19.845	19.355	15.875	45.0	44.5	6 700	8 900
	57.150	17.462	17.462	13.495	44.0	45.5	6 700	8 900

Note: Chamfer dimensions on the back face of the inner and outer rings of the bearing are larger than the maximum values of installation-related dimensions r_{as} and r_{1as} .



Dynamic equivalent radial load

$$P_r = X F_r + Y F_a$$

$\frac{F_a}{F_r} \leq e$		$\frac{F_a}{F_r} > e$	
X	Y	X	Y
1	0	0.4	Y_2

Static equivalent radial load

$$P_{0r} = 0.5 F_r + Y_0 F_a$$

When $P_{0r} < F_r$ use $P_{0r} = F_r$.

For values of e , Y_2 and Y_0 see the table below.

Bearing number ¹⁾	Installation-related dimensions						Load center mm	Constant e	Axial load factors		Mass kg (approx.)
	d_a	d_b	D_a	D_b	r_{as} Max.	r_{1as} Max.			Y_2	Y_0	
4T-1755/1729	29	27.5	49	51	1.3	1.3	6.5	0.31	1.95	1.07	0.252
4T-1280/1220	29.5	29	49	52	0.8	1.5	7.1	0.35	1.73	0.95	0.287
4T-LM72849/LM72810	30	28	40.5	44	1.5	1	3.0	0.47	1.27	0.70	0.125
4T-07093/07196	30.5	28.5	44.5	47	1.5	1	3	0.40	1.49	0.82	0.121
4T-L44640/L44610	30.5	28.5	44.5	47	1.5	1.3	3.4	0.37	1.60	0.88	0.133
4T-1779/1729	29.5	28.5	49	51	0.8	1.3	6.5	0.31	1.95	1.07	0.244
4T-07098/07196	31	29	44.5	47	1.5	1	3.0	0.40	1.49	0.82	0.121
4T-07097/07196	31	29	44.5	47	1.5	1	3.0	0.40	1.49	0.82	0.116
4T-07096/07196	31.5	29.5	44.5	47	1.5	1	3.0	0.40	1.49	0.82	0.12
4T-07100/07196	30.5	29.5	44.5	47	1	1	3.0	0.40	1.49	0.82	0.114
4T-07100S/07196	31.5	29.5	44.5	47	1.5	1	3.0	0.40	1.49	0.82	0.114
4T-L44643/L44610	32	30	44.5	47	1.3	1.3	3.4	0.37	1.60	0.88	0.13
4T-07100/07204	30.5	29.5	45	48	1	1.3	3.0	0.40	1.49	0.82	0.141
4T-1780/1729	30.5	30	49	51	0.8	1.3	6.5	0.31	1.95	1.07	0.234
4T-M84548/M84510	38.5	33	48.5	54	1.5	1.5	3.4	0.55	1.10	0.60	0.244
4T-15101/15243	32.5	31.5	54	58	0.8	2	6.0	0.35	1.71	0.94	0.301
4T-15100/15245	38	31.5	55	58	3.5	1.3	6.0	0.35	1.71	0.94	0.301
4T-15102/15245	34	31.5	55	58	1.5	1.3	6.0	0.35	1.71	0.94	0.303
4T-M86643/M86610	38	36.5	54	60	1.5	1.5	3.3	0.55	1.10	0.60	0.372
4T-23100/23256	39	34.5	53	63	1.5	1.5	2.0	0.73	0.82	0.45	0.363
4T-2687/2631	33.5	31.5	58	60	1.3	1.3	9.3	0.25	2.36	1.30	0.444
4T-15103/15245	33	32.5	55	58	0.8	1.3	6.0	0.35	1.71	0.94	0.3
4T-2682/2631	34.5	32	58	60	1.5	1.3	9.3	0.25	2.36	1.30	0.436
4T-L44649†/L44610	37.5	31	44.5	47	3.5	1.3	3.4	0.37	1.60	0.88	0.12
4T-15580†/15523	38.5	32	51	54	3.5	1.5	5.0	0.35	1.73	0.95	0.261
4T-15106†/15245	33.5	33	55	58	0.8	1.3	6.0	0.35	1.71	0.94	0.291
4T-2688†/2631	35	33	58	60	1.5	1.3	9.3	0.25	2.36	1.30	0.429
4T-1985/1930	34	33.5	51	54	0.8	0.8	5.9	0.33	1.82	1.00	0.217
4T-15590/15520	39.5	33.5	51	53	3.5	1.5	5.0	0.35	1.73	0.95	0.197

1) As for the maximum value for inner ring bore diameters of bearings whose bearing numbers are marked with "†" (inner ring), the precision class is an integer for class 4 and class 2 bearings only.