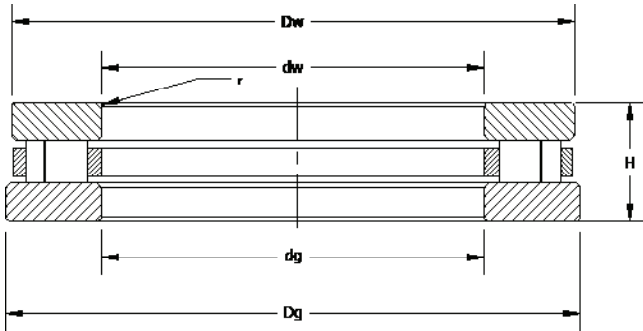


Cylindrical Roller Thrust Bearings - T Series



The T Series bearing is the most popular cylindrical roller thrust bearing. It is single acting (one direction) and designed to operate under heavy loads at moderate speeds. One of the thrust plates is stationary with respect to the shaft while undersized on the outer diameter, while the second thrust plate is stationary with the housing, and oversized on the bore diameter. The roller assembly is located by the shaft and its inside diameter is machined to provide the correct operating clearance. The non-locating diameters of the thrust plates are designed to allow lubricant flow. Machined Brass retainers are standard.

Bearing Designation	Dimensions						Load Ratings Lbs		Limiting Speeds r/min		Weight (Lbs)
	Bore Diameter	Outside Diameter	Height	Fillet Radius	Larger Bore Diameter	Smaller Outside Diameter	Dynamic Load	Static Load	Limiting Speed Grease	Limiting Speed Oil	
	dw	Dg	H	B1	dg	Dw	C	Co			
T609	1.5	3	0.812	0.05	1.75	2.90	18000	53000	2300	4700	1.00
T730	3	6	1.375	0.06	3.25	5.88	82000	268000	1100	2400	7.30
T625	3.25	4.968	1.000	0.06	3.50	4.84	38000	135000	1300	2600	2.70
T734	4	7	1.750	0.06	4.25	6.88	111000	344000	950	1900	11.40
T735	4	8	1.750	0.06	4.25	7.88	132000	454000	900	1700	16.60
T736	4	9	1.750	0.06	4.25	8.88	158000	750000	800	1650	22.40
T739	5	9	1.750	0.06	5.25	8.88	160000	630000	700	1500	20.00
T740	5	10	2.000	0.10	5.25	9.88	173000	685000	700	1400	30.00
T743	6	9	2.000	0.10	6.38	8.75	138000	496000	700	1400	18.00
T749	7	12	2.000	0.10	7.38	11.75	204000	944000	500	1000	40.00
T750	7	14	3.000	0.25	7.38	13.75	400000	1500000	500	1000	85.00
T751	8	12	3.000	0.25	8.38	11.75	250000	900000	500	1000	44.00
T753	8	16	3.000	0.25	8.38	15.75	500000	2000000	450	900	114.00
T754	10	16	3.000	0.25	10.38	15.75	400000	1700000	450	900	88.00
T755	10	18	3.750	0.25	10.38	17.75	600000	2500000	350	700	168.00
T756	10	20	3.750	0.25	10.38	19.75	700000	3200000	350	700	225.00
T757	12	18	3.750	0.25	12.50	17.75	400000	2000000	350	700	130.00
T759	12	24	4.500	0.25	12.50	23.75	1000000	4000000	300	600	372.00