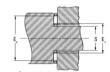
THRUST NEEDLE ROLLER AND CAGE ASSEMBLIES, THRUST WASHERS INCH SERIES

- Dimensions for bore and 0.0. of thrust assembles and washers are nominal.
 See page 8-6-36 for details on piloting and backup surfaces.
 Thrust washers burnished at least one-quarter of bore area (remainder is rough breakway finish).
 0.0. finish of washers will be as blanked.





Shaft Dia:			nambly Dimon	ione		Assembly Designation	Load Ratings		Fatigue Lord Limit	
	100000						Dynamic	Static	Lord limit Cu	Speed Rating ¹¹
	Det	O _c	Dw	6	E _k		C	C.		
	in	in	7	0	- n		kN Idi		W	min*
2	50.80 2.000	68.85 2.750	1.964 0.0781	53.09 2.090	65.278 2.570	NTA-3244	24.02 5400	132.56 29800	13.5	6100
2 1/2	53.98 2.125	73.025 2.675	1.964 0.0781	56.39 2.220	68.58 2.700	NTA-3446	24.42 5490	137.45 30900	14.0	5800
2 1/4	57.15 2.250	76.20 3.000	1.984 0.0781	59.44 2.340	71.628 2.820	NIA-3648	24.78 5570	142.34 32000	14.6	5600
27/4	57.15 2.250	79.375 3.125	3.175 0.1250	59.94 2.360	75.184 2.960	NTA-3850	37.68 8470	177.04 39800	18.6	5300
2 1/2	63.50 2.500	82.55 3.250	1.964 0.0781	65.79 2.590	77.978 3.070	NTA-4052	25.53 5740	152.13 34200	15.6	5100

Apprex. Wt	Thrust Washer Designation	Washer Dimensions				Piloting Dimensions		Dia. To	Washor	
		d 6				S		Clear 0.0.	WESTON	Shaft Die.
						S-17.5		Ho		57977
kg Ibe		'n		in in	-	-	in	in	ky lbs	in
	TRC-2840	44.45 1.750	63.50 2.500	2.41 0.095	2.34 0.092	44.45 1.750	44.37 1.747	64.29 2.531	0.029 0.063	
	TRO-2840	1.750	63.50 2.500	3.20 0.126	3.12 0.123	44.45 1.750	44.37 1.747	64.29 2.531	0.038 0.084	
	TRF-2940	44.45 1.750	63.50 2.500	4.78 0.188	4.70 0.185	44.45 1.750	44.37 1.747	64.29 2.531	6.057 0.126	
0.015 0.033	TRA-3244	50.80 2.000	69.85 2.750	0.81	0.76	50.80 2.000	50.72 1.997	20.64 2.781	0.011 0.024	2
	TR8-3244	50.80 2.000	69.85 2.750	1.60 0.063	1.52 0.060	50.80 2.000	50.72 1.997	70.64 2.781	0.022 0.048	
	TRC-3244	50.80 2.000	69.85 2.750	2.41 0.095	2.34 0.092	50.80 2.000	50.72 1.997	20.64 2.781	0.033 0.072	
	TRD-3244	50.80 2.000	69.85 2.750	3.29 0.126	3.12 0.123	50.80 2.000	50.72 1.997	20.64 2.781	0.044 0.096	
	TRF-3244	50.80 2.000	69.85 2.750	4.78 0.188	4.70 0.185	50.80 2.000	50.72 1.997	20.64 2.781	0.066 0.145	
0.016 0.036	TRA-3446	53.98 2.125	73.03 2.875	0.81	0.76	53.98 2.125	53.90 2.122	23.81 2.506	0.012 0.026	2 1/1
	TR8-3446	53.98 2.125	73.03 2.875	1.60 0.063	1.52 0.060	53.98 2.125	53.90 2.122	73.81 2.906	0.024 0.052	
	TRC-3448	53.98 2.125	73.03 2.875	2.41 0.095	2.34 0.092	53.98 2.125	53.90 2.122	73.81 2.906	0.035 0.078	
	TRO-3446	53.98 2.125	73.03 2.875	3.20 0.126	3.12 0.123	53.98 2.125	53.90 2.122	73.81 2.506	0.047 0.103	
0.017 0.038	TRA-3648	57.15 2.250	76.29 3.000	0.81	0.76	57.15 2.250	57.07 2.247	76.99 3.031	0.012 0.026	2 /4
	TR8-3648	57.15 2.250	7 6.20 3.000	1.60 0.063	1.52 0.060	57.15 2.250	57.07 2.247	76.99 3.031	0.022 0.048	
	TRC-3848	57.15 2.250	7 6.20 3.000	2.41 0.095	2.34 0.092	57.15 2.250	57.07 2.247	76.99 3.031	0.037	
	TRO-3648	57.15 2.250	7 6.20 3.000	3.20 0.126	3.12 0.123	57.15 2.250	57.07 2.247	76.99 3.031	0.048 0.105	
	TRF-3548	57.15 2.250	76.20 3.000	4.78 0.188	4.70 0.185	57.15 2.250	57.07 2.247	76.99 3.031	0.071 0.157	
0.029 0.064	TRC-3850	57.15 2.250	79.38 3.125	2.41 0.095	2.34 0.092	57.15 2.250	57.07 2.247	80.16 3.156	0.043 0.095	2 1/4
0.019 0.041	TRA-4052	63.50 2.500	82.55 3.250	0.81 0.032	0.76 0.030	63.50 2.500	63.42 2.497	83.34 3.281	0.013 0.029	2 7/2
	TRB-4052	63.50 2.500	82.55 3.250	1.60 0.063	1.52	63.50 2.500	63.42 2.497	83.34 3.281	0.027	

 $^{\circ}$ Iff the shaft and the housing adjacent to the bearing 0.0, are not concentric, the TLR, between the shaft and housing should be added to this dimension.

NEEDLE ROLLER BEARINGS B-6-45

B-6-44 NEEDLE ROLLER BEARINGS