

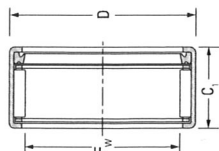


NEEDLE ROLLER BEARINGS

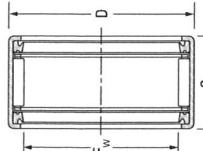
SEALED DRAWN CUP BEARINGS

INCH SERIES

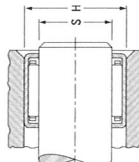
- Check for availability. Not all bearings are in production.
- Pre-packed with general purpose ball and roller bearing grease unless otherwise specified.
- Bearing operating temperature limited between -30° C and +110° C (-25° F and +225° F).
- Consult your representative for operating temperatures outside the above range or if seals have been exposed to unusual fluids.
- Speed rating based on shaft contact speed of 610 m/min. (2000 rpm).
- Reduce the listed speed rating by one-half for outer ring rotation.



JT - One Seal



JTT - Two Seals



Shaft surface to be 50 HRC or equivalent

Drawn cup bearings of nominal inch dimensions, with one closed end, that are not tabulated, may be made available upon request.

Mounting dimensions are based on the inner ring rotating and the outer ring being stationary. The housing should be of high strength material.

Shaft Dia. in	Fw mm in	D mm in	Bearings With One Seal			Bearings With Two Seals		
			C ₁ mm in	Bearing Designation	Approx. Wt. kg lbs	C ₂ mm in	Bearing Designation	Approx. Wt. kg lbs
3/16	7.938 0.3125	12.700 0.5000	9.53 0.375	JT-56	0.004 0.008	11.13 0.438	JTT-57	0.004 0.009
	7.938 0.3125	12.700 0.5000	—	—	—	14.27 0.562	JTT-59	0.005 0.012
	9.525 0.375	14.288 0.5625	9.53 0.375	JT-66	0.004 0.008	11.13 0.438	JTT-67	0.005 0.011
1/8	9.525 0.375	14.288 0.5625	14.27 0.562	JT-69	0.006 0.014	—	—	—
	12.700 0.5000	17.463 0.6875	9.53 0.375	JT-68	0.006 0.012	11.13 0.438	JTT-67	0.006 0.013
	12.700 0.5000	17.463 0.6875	14.27 0.562	JT-69	0.008 0.017	15.88 0.625	JTT-810	0.009 0.019
3/16	12.700 0.5000	17.463 0.6875	—	—	—	22.23 0.875	JTT-814	0.012 0.027
	14.288 0.5625	19.050 0.7500	14.27 0.562	JT-79	0.009 0.019	15.88 0.625	JTT-910	0.010 0.021
	14.288 0.5625	19.050 0.7500	—	—	—	19.05 0.750	JTT-912	0.011 0.025
1/2	15.875 0.6250	20.638 0.8125	14.27 0.562	JT-109	0.010 0.021	15.88 0.625	JTT-1010	0.010 0.023
	15.875 0.6250	20.638 0.8125	—	—	—	19.05 0.750	JTT-1012	0.013 0.028
	15.875 0.6250	20.638 0.8125	—	—	—	22.23 0.875	JTT-1014	0.015 0.032
11/16	17.463 0.6875	22.225 0.8750	—	—	—	22.23 0.875	JTT-1114	0.016 0.035
	19.050 0.7500	25.400 1.0000	14.27 0.562	JT-129	0.015 0.034	15.88 0.625	JTT-1210	0.017 0.038
	19.050 0.7500	25.400 1.0000	17.48 0.688	JT-1211	0.019 0.041	—	—	—
3/4	22.225 0.8750	28.575 1.1250	20.62 0.812	JT-1313	0.022 0.049	22.23 0.875	JTT-1214	0.024 0.053
	22.225 0.8750	28.575 1.1250	14.27 0.562	JT-149	0.018 0.039	15.88 0.625	JTT-1410	0.020 0.043
	22.225 0.8750	28.575 1.1250	26.97 1.062	JT-1417	0.033 0.073	—	—	—
1	25.400 1.0000	31.750 1.2500	20.62 0.812	JT-1513	0.029 0.063	22.23 0.875	JTT-1614	0.031 0.068
	26.975 1.0625	34.925 1.3750	20.62 0.812	JT-1613	0.032 0.070	22.23 0.875	JTT-1614	0.034 0.075
	31.750 1.2500	38.100 1.5000	20.62 0.812	JT-2013	0.035 0.077	—	—	—
1 1/2	31.750 1.2500	38.100 1.5000	—	—	—	26.98 1.125	JTT-2016	0.048 0.108
	38.100 1.5000	47.625 1.8750	33.32 1.312	JT-2421	0.104 0.229	—	—	—