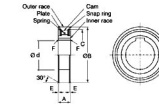




MBA

Bearings - One Way - Sprag - TSS



Lubrication
 • Oil lubrication is recommended
 • Do not use grease or lubricants with EP additives

Fit/force
 • Designed for press fit installation.
 • Correct interference dimensions must be maintained to obtain maximum bearing and clutch performance. The internal diameter of the housing should meet the IT7 tolerance of the JS standard.
 • Make sure the housing has enough strength to withstand the pressure required for the press fitting installation of the clutch.
 • When installing the clutch, mount it with a type H2 bearing to avoid radial force, since this clutch does not have any bearing inside.
 • Mount the clutch ensuring that the shaft driving direction is in the direction indicated by the arrow on the cover plates.
 • The recommended shaft tolerance tolerance is H7.
 • Suitable surface pressure of the key should be selected according to your company design standards

Sprag clutch bearings allow your application to turn one way whilst locking in the opposite direction.

High carbon hardened steel alloy.

Always lock out power switch before installing, removing, lubricating or servicing a system that uses Cam Clutch products.

When connecting or disconnecting Cam Clutch products, eye protection is required.

<http://www.minibearings.com.au//categories/shafting/all/pics/>

Bearings - One Way - Sprag - TSS

Part Number	ID (d) mm	OD (B) mm	Width (A) mm	Overrun Limiting Speed (inner) rpm	Overrun Limiting Speed (outer) rpm	Chamfer (F) mm	Keyway mm	Max Torque Nm	Drag Torque Nm
	<i>inches</i>	<i>inches</i>	<i>inches</i>			<i>inches</i>	<i>inches</i>		
# TSS8	8.00 <i>0.315</i>	24.00 <i>0.945</i>	8.00 <i>0.315</i>	6000	3000	0.60 <i>0.024</i>	2x1	6.70	0.005
# TSS10	10.00 <i>0.394</i>	30.00 <i>1.181</i>	9.00 <i>0.354</i>	4500	2300	0.60 <i>0.024</i>	3x1.4	12.00	0.007
# TSS12	12.00 <i>0.472</i>	32.00 <i>1.260</i>	10.00 <i>0.394</i>	4000	2000	0.60 <i>0.024</i>	4x1.8	17.00	0.009
# TSS15	15.00 <i>0.591</i>	35.00 <i>1.378</i>	11.00 <i>0.433</i>	3500	1800	0.60 <i>0.024</i>	5x1.2	22.00	0.010

Indicates item not stocked at time of printing - Please enquire for lead time
 E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd
 MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

Bearings - One Way - Sprag - TSS

Part Number	ID (d) mm	OD (B) mm	Width (A) mm	Overrun Limiting Speed (inner) rpm	Overrun Limiting Speed (outer) rpm	Chamfer (F) mm	Keyway mm	Max Torque Nm	Drag Torque Nm
	<i>inches</i>	<i>inches</i>	<i>inches</i>			<i>inches</i>	<i>inches</i>		
# TSS20	20.00 <i>0.787</i>	47.00 <i>1.850</i>	14.00 <i>0.551</i>	2600	1300	0.80 <i>0.031</i>	6x1.6	41.00	0.010
# TSS25	25.00 <i>0.984</i>	52.00 <i>2.047</i>	15.00 <i>0.591</i>	2200	1100	0.80 <i>0.031</i>	8x2	56.00	0.020
# TSS30	30.00 <i>1.181</i>	62.00 <i>2.441</i>	16.00 <i>0.630</i>	1800	900	1.00 <i>0.039</i>	8x2	105.00	0.030
# TSS35	35.00 <i>1.378</i>	72.00 <i>2.835</i>	17.00 <i>0.669</i>	1600	800	1.00 <i>0.039</i>	10x2.4	136.00	0.030
# TSS40	40.00 <i>1.575</i>	80.00 <i>3.150</i>	18.00 <i>0.709</i>	1400	700	1.00 <i>0.039</i>	12x2.2	296.00	0.180
# TSS45	45.00 <i>1.772</i>	85.00 <i>3.346</i>	19.00 <i>0.748</i>	1300	650	1.00 <i>0.039</i>	14x2.1	347.00	0.210
# TSS50	50.00 <i>1.969</i>	90.00 <i>3.543</i>	20.00 <i>0.787</i>	1200	600	1.00 <i>0.039</i>	14x2.1	403.00	0.220
# TSS60	60.00 <i>2.362</i>	110.00 <i>4.331</i>	22.00 <i>0.866</i>	910	450	1.50 <i>0.059</i>	18x2.3	649.00	0.330

Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.



DISTRIBUTED BY

Ask us to put your name and address here

<http://www.minibearings.com.au/product>

Ph +61 7 3245 7977

Fax +61 7 3245 1017

Catalogue requests to catalogues@minibearings.com.au

