U.S. Tsubaki Power Transmission, LLC
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Wheeling, IL 60090

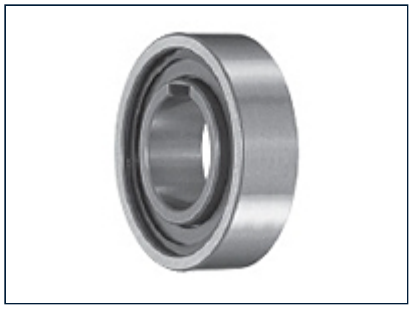
Phone: 847.459.9500 or 800.323.7790
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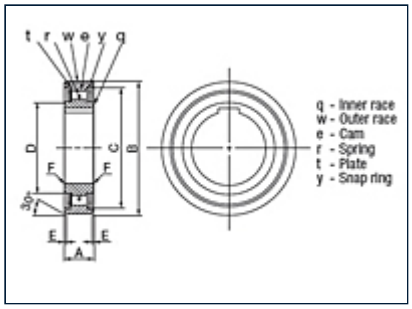
Email: sales@ustsubaki.com
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ITEM # TSS50, TSS-50 MM BORE CAM CLUTCH

TSS Series Cam Clutch is designed for press fit installation with outside dimensions the same as the 62 Series ball bearing. As a sprag clutch, higher torque capacities are often higher than a similar ramp & roller design. This design provides easy handling and installation, most often with a Series 62 ball bearing located next to the TSS Cam Clutch. The TSS Series is ideal for applications that require high speed inner race overrunning in a very compact package. This series ships pre-

more





Specifications

Bore Size	1.969 in 50.00 mm
Torque Capacity	297.2 lb·ft 403.0 N·m
Max. Overrunning Inner Race	1200 rpm

Max. Overrunning Outer Race	600 rpm
Drag Torque	0.162 lb·ft 0.22 N·m
Keyway	14 x 2.1 mm
A (Overall Width)	0.787 in 20.00 mm
B (Overall Diameter)	3.543 in 90.00 mm
C (Outer Race I.D.)	3.228 in 82.00 mm
D (Inner Race I.D.)	2.441 in 62.00 mm
E (Offset)	0.047 in 1.20 mm
F (Chamfer)	0.039 in 1.00 mm
Weight	1.199 lb 0.545 kg