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

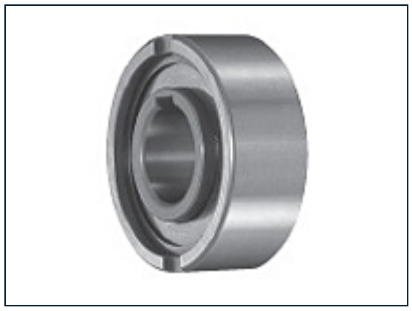
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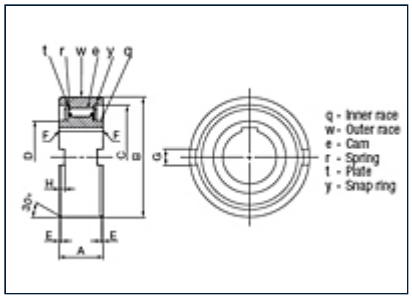
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ITEM # TFS50, TFS-50 MM BORE CAM CLUTCH

TFS Series Cam Clutch is a sprag type clutch designed for press fit installation. Sprag type designs typically have a higher torque capacity than a similarly sized ramp & roller type clutch. TFS has two vertical keyways on the outer race to assist with locating. Outside dimensions are the same as Series 63 ball bearings. This design is ideal for general inner or outer race overrunning applications. Since the TFS Series does not include an integral bearing, installing the TFS Cam Clutch next

more





Specifications	
Bore Size	1.969 in 50.00 mm
Torque Capacity	829.0 lb·ft 1124.0 N·m
Max. Overrunning Inner Race	1000 rpm

Max. Overrunning Outer Race	500 rpm
Drag Torque	0.443 lb·ft 0.60 N·m
Keyway	14 x 2.1 mm
A (Overall Width)	1.575 in 40.00 mm
B (Overall Diameter)	4.331 in 110.00 mm
C (Outer Race I.D.)	3.622 in 92.00 mm
D (Inner Race I.D.)	2.559 in 65.00 mm
E (Chamfer)	0.071 in 1.80 mm
F (Chamfer)	0.039 in 1.00 mm
G (Slot Width)	0.551 in 14.00 mm
H (Slot Depth)	0.220 in 0.22 mm
Weight	4.180 lb 1.900 kg