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

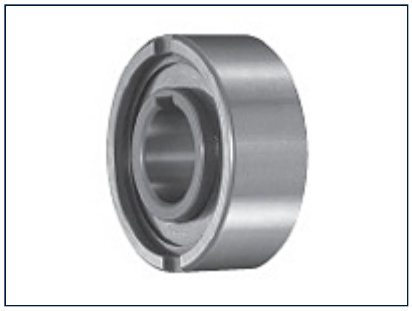
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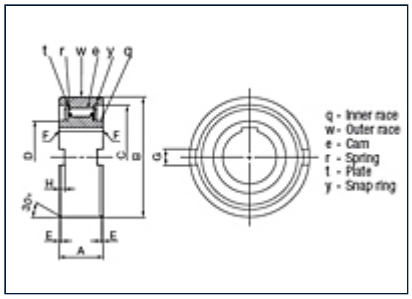
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ITEM # TFS80, TFS-80 MM BORE CAM CLUTCH

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	3.150 in 80.00 mm
Torque Capacity	2894.2 lb·ft 3924.0 N·m
Max. Overrunning Inner Race	670 rpm

Max. Overrunning Outer Race	340 rpm
Drag Torque	0.900 lb·ft 1.22 N·m
Keyway	22 x 3.1 mm
A (Overall Width)	2.283 in 58.00 mm
B (Overall Diameter)	6.693 in 170.00 mm
C (Outer Race I.D.)	5.512 in 140.00 mm
D (Inner Race I.D.)	3.937 in 100.00 mm
E (Chamfer)	0.102 in 2.60 mm
F (Chamfer)	0.059 in 1.50 mm
G (Slot Width)	0.787 in 20.00 mm
H (Slot Depth)	0.295 in 0.30 mm
Weight	14.168 lb 6.440 kg