U.S. Tsubaki Power Transmission, LLC
301 E. Marquardt Dr.
Wheeling, IL 60090

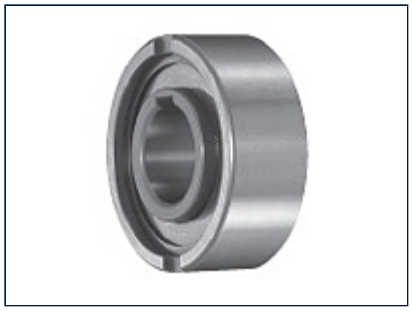
Phone: 847.459.9500 or 800.323.7790
Fax: 847.459.9515

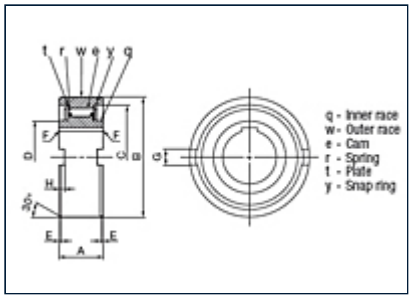
Email: sales@ustsubaki.com
Website: www.ustsubaki.com

ITEM # TFS12, TFS-12 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	0.472 in 12.00 mm
Torque Capacity	13.3 lb·ft 18.0 N·m
Max. Overrunning Inner Race	4500 rpm

Max. Overrunning Outer Race	2300 rpm
Drag Torque	0.030 lb·ft 0.04 N·m
Keyway	4 x 1.8 mm
A (Overall Width)	0.512 in 13.00 mm
B (Overall Diameter)	1.378 in 35.00 mm
C (Outer Race I.D.)	1.181 in 30.00 mm
D (Inner Race I.D.)	0.709 in 18.00 mm
E (Chamfer)	0.024 in 0.60 mm
F (Chamfer)	0.012 in 0.30 mm
G (Slot Width)	0.157 in 4.00 mm
H (Slot Depth)	0.055 in 0.06 mm
Weight	0.150 lb 0.068 kg