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

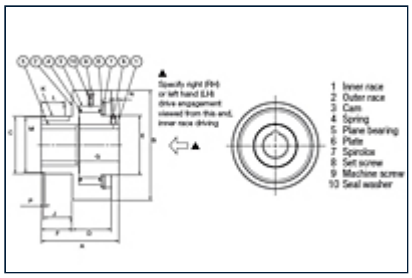
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ITEM # PBUS10-1D-RH, PBUS10-1 1/4" BORE CAM CLUTCH

PBUS Series Cam Clutch is intended for use in general overrunning or indexing applications. The PBUS Series comes pre-lubricated with synthetic grease for easy installation and long service life. The outer race has provision for mounting gears, pulleys, and sprockets. Specify direction of rotation when ordering.





Specifications	
Bore Size	1.250 in
Torque Capacity	621.8 lb·ft 843.0 N·m
Max. Overrunning Inner Race	1000 rpm
Max. Overrunning Outer Race	400 rpm

Drag Torque	0.288 lb·ft 0.39 N·m
Max. Indexing	150 cpm
Rotation	Right hand rotation
Keyseat	5/16 x 5/32"
A (Overall Width)	3.500 in 88.90 mm
B (Overall Diameter)	3.750 in 95.25 mm
C (Hub Diameter)	2.250/2.249 in 57.15/57.13 mm
D (Outer Race O.D.)	1.750 in 44.45 mm
E (Clutch O.D.)	2.205 in 56.00 mm
F (Hub Length)	1.440 in 36.58 mm
G (Clutch Length)	1.812 in 46.02 mm
J (Groove Position)	1.34 in 34.04 mm
M (Groove I.D.)	2.182 in 55.42 mm
P (Groove Width)	0.056 in 1.42 mm
L (Outer Key Length)	0.937 in 23.80 mm
K (Outer Key Dimensions)	0.313 x 0.156 in 7.94 x 3.96 mm

N (Set Screw Location)	0.200 in 5.10 mm
Lubrication Filler Plug	M6 x P1.0
Set Screw	1/4-28 x 1/4
Weight	2.50 kg 5.511 lb