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

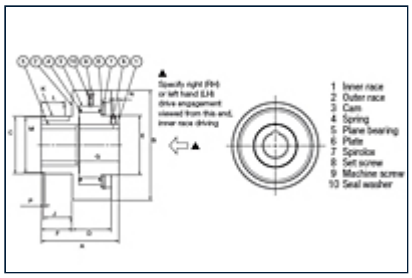
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ITEM # PBUS8-1-RH, PBUS8-1" BORE CAM CLUTCH

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	1.000 in
Torque Capacity	418.9 lb·ft 568.0 N·m
Max. Overrunning Inner Race	1200 rpm
Max. Overrunning Outer Race	650 rpm

Drag Torque	0.214 lb·ft 0.29 N·m
Max. Indexing	150 cpm
Rotation	Right hand rotation
Keyseat	1/4 x 1/8"
A (Overall Width)	3.560 in 90.49 mm
B (Overall Diameter)	3.270 in 83.00 mm
C (Hub Diameter)	1.750/1.749 in 44.45/44.42 mm
D (Outer Race O.D.)	1.750 in 44.45 mm
E (Clutch O.D.)	1.770 in 45.00 mm
F (Hub Length)	1.437 in 36.51 mm
G (Clutch Length)	1.875 in 47.63 mm
J (Groove Position)	1.315 in 33.4 mm
M (Groove I.D.)	1.696 in 42.82 mm
P (Groove Width)	0.056 in 1.42 mm
L (Outer Key Length)	1.000 in 25.40 mm
K (Outer Key Dimensions)	0.250 x 0.125 in 6.35 x 3.18 mm

N (Set Screw Location)	0.236 in 6.00 mm
Lubrication Filler Plug	M6 x P1.0
Set Screw	1/4-28 x 1/4
Weight	1.600 kg 3.527 lb