U.S. Tsubaki Power Transmission, LLC
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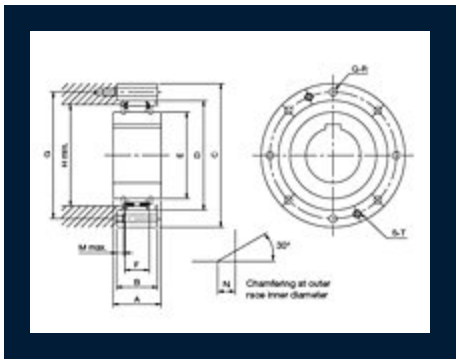
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ITEM # BR20HT-S20B-20, BR-HT20-20.00 MM BORE CAM CLUTCH

BR-HT is mainly used in backstop applications as an integral part of a gear reducer. Prevention of reverse rotation for inclined conveyor and bucket elevator are typical application BR-HT assures not only the immediate backstop function under high torque, but also long service life by the “lift-off” design. In addition, installation on the high speed shaft with low torque enables selection of more compact models with resulting lower cost.





Specifications

Torque	166.0 lb·ft 225.0 N·m
Min. Inner Race Overrunning Speed	850 rpm
Max. Inner Race Overrunning Speed	3600 rpm
Max. Engagement	400 rpm
Bore Size	0.787 in 20.00 mm

A (Inner Race Width)	1.378 in 35.00 mm
B (Outer Race Width)	1.378 in 35.00 mm
C (Outer Race O.D.)	3.543 in 90.00 mm
D (Outer Race I.D.)	2.598 in 66.00 mm
E (Inner Race O.D.)	1.614 in 41.00 mm
G (Bolt Circle Diameter)	3.071 in 78.00 mm
Q-R (Mounting Holes Quantity - Size)	6-M6
S-T (Removed Holes Quantity - Size)	2-M6
F (Cam Width)	0.984 in 25.00 mm
Weight	2.860 lb 1.300 kg
H (Housing Bore Min.)	2.087 in 53.00 mm
M (Counter Bore Depth Max.)	0.157 in 4.00 mm
N (Chamfer)	0.039 in 1.00 mm