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

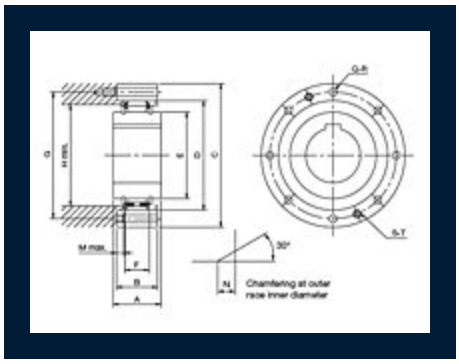
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ITEM # BR48HT-R76B-45, BR-HT48-45.00 MM BORE CAM CLUTCH

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	811.3 lb·ft 1100.0 N·m
Min. Inner Race Overrunning Speed	620 rpm
Max. Inner Race Overrunning Speed	3600 rpm
Max. Engagement	300 rpm
Bore Size	1.772 in 45.00 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.)	5.512 in 140.00 mm
D (Outer Race I.D.)	3.937 in 100.00 mm
E (Inner Race O.D.)	2.953 in 75.00 mm
G (Bolt Circle Diameter)	4.921 in 125.00 mm
Q-R (Mounting Holes Quantity - Size)	8-M8
S-T (Removed Holes Quantity - Size)	2-M8
F (Cam Width)	0.984 in 25.00 mm
Weight	7.260 lb 3.300 kg
H (Housing Bore Min.)	3.622 in 92.00 mm
M (Counter Bore Depth Max.)	0.157 in 4.00 mm
N (Chamfer)	0.039 in 1.00 mm