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

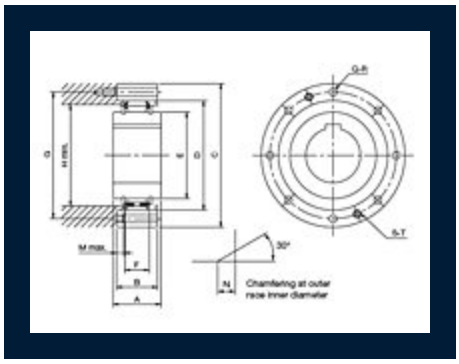
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ITEM # BR60HT-B85A-50, BR-HT60-50.00 MM BORE CAM CLUTCH

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	1770.1 lb·ft 2400.0 N·m
Min. Inner Race Overrunning Speed	420 rpm
Max. Inner Race Overrunning Speed	3600 rpm
Max. Engagement	230 rpm
Bore Size	1.969 in 50.00 mm

A (Inner Race Width)	2.362 in 60.00 mm
B (Outer Race Width)	1.969 in 50.00 mm
C (Outer Race O.D.)	6.890 in 175.00 mm
D (Outer Race I.D.)	4.921 in 125.00 mm
E (Inner Race O.D.)	3.622 in 92.00 mm
G (Bolt Circle Diameter)	6.102 in 155.00 mm
Q-R (Mounting Holes Quantity - Size)	12-M10
S-T (Removed Holes Quantity - Size)	2-M10
F (Cam Width)	1.417 in 36.00 mm
Weight	16.720 lb 7.600 kg
H (Housing Bore Min.)	4.331 in 110.00 mm
M (Counter Bore Depth Max.)	0.236 in 6.00 mm
N (Chamfer)	0.039 in 1.00 mm