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

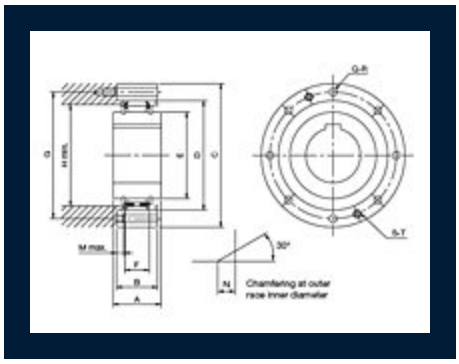
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ITEM # BR30HT-R51B-30, BR-HT30-30.00 MM BORE CAM CLUTCH

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	368.8 lb·ft 500.0 N·m
Min. Inner Race Overrunning Speed	740 rpm
Max. Inner Race Overrunning Speed	3600 rpm
Max. Engagement	360 rpm
Bore Size	1.181 in 30.00 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.)	4.134 in 105.00 mm
D (Outer Race I.D.)	2.953 in 75.00 mm
E (Inner Race O.D.)	1.969 in 50.00 mm
G (Bolt Circle Diameter)	3.543 in 90.00 mm
Q-R (Mounting Holes Quantity - Size)	8-M6
S-T (Removed Holes Quantity - Size)	2-M6
F (Cam Width)	0.984 in 25.00 mm
Weight	3.960 lb 1.800 kg
H (Housing Bore Min.)	2.520 in 64.00 mm
M (Counter Bore Depth Max.)	0.157 in 4.00 mm
N (Chamfer)	0.039 in 1.00 mm