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

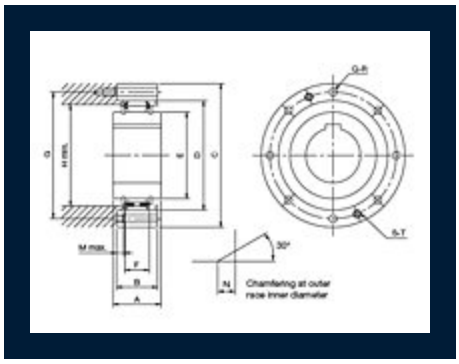
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ITEM # BR40HT-S40B-40, BR-HT40-40.00 MM BORE CAM CLUTCH

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	626.9 lb·ft 850.0 N·m
Min. Inner Race Overrunning Speed	670 rpm
Max. Inner Race Overrunning Speed	3600 rpm
Max. Engagement	320 rpm
Bore Size	1.575 in 40.00 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.)	4.921 in 125.00 mm
D (Outer Race I.D.)	3.543 in 90.00 mm
E (Inner Race O.D.)	2.559 in 65.00 mm
G (Bolt Circle Diameter)	4.252 in 108.00 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	5.280 lb 2.400 kg
H (Housing Bore Min.)	3.228 in 82.00 mm
M (Counter Bore Depth Max.)	0.157 in 4.00 mm
N (Chamfer)	0.039 in 1.00 mm