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

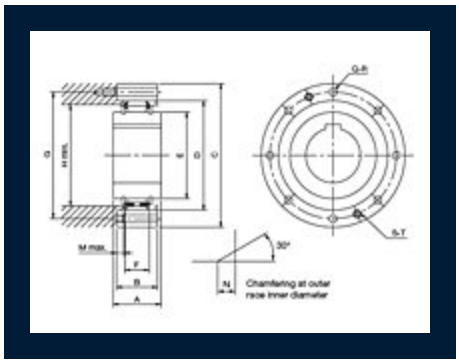
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ITEM # BR18HT-R38A-25, BR-HT18-25.00 MM BORE CAM CLUTCH

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	114.3 lb·ft 155.0 N·m
Min. Inner Race Overrunning Speed	850 rpm
Max. Inner Race Overrunning Speed	3600 rpm
Max. Engagement	500 rpm
Bore Size	0.984 in 25.00 mm

A (Inner Race Width)	0.945 in 24.00 mm
B (Outer Race Width)	0.984 in 25.00 mm
C (Outer Race O.D.)	3.543 in 90.00 mm
D (Outer Race I.D.)	2.441 in 62.00 mm
E (Inner Race O.D.)	1.457 in 37.00 mm
G (Bolt Circle Diameter)	2.953 in 75.00 mm
Q-R (Mounting Holes Quantity - Size)	6-M6
S-T (Removed Holes Quantity - Size)	2-M6
F (Cam Width)	0.669 in 17.00 mm
Weight	1.980 lb 0.900 kg
H (Housing Bore Min.)	1.969 in 50.00 mm
M (Counter Bore Depth Max.)	0.118 in 3.00 mm
N (Chamfer)	0.039 in 1.00 mm