U.S. Tsubaki Power Transmission, LLC
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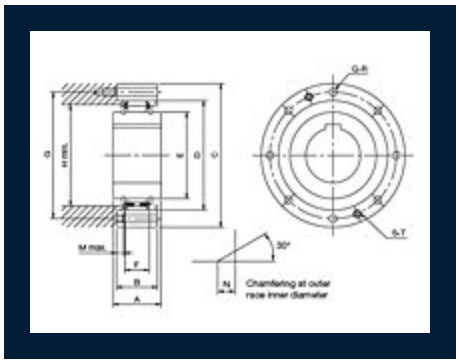
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ITEM # BR38HT-R61A-35, BR-HT38-35.00 MM BORE CAM CLUTCH

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	313.5 lb·ft 425.0 N·m
Min. Inner Race Overrunning Speed	740 rpm
Max. Inner Race Overrunning Speed	3600 rpm
Max. Engagement	400 rpm
Bore Size	1.378 in 35.00 mm

A (Inner Race Width)	0.984 in 25.00 mm
B (Outer Race Width)	0.984 in 25.00 mm
C (Outer Race O.D.)	4.724 in 120.00 mm
D (Outer Race I.D.)	3.346 in 85.00 mm
E (Inner Race O.D.)	2.362 in 60.00 mm
G (Bolt Circle Diameter)	4.134 in 105.00 mm
Q-R (Mounting Holes Quantity - Size)	8-M8
S-T (Removed Holes Quantity - Size)	2-M8
F (Cam Width)	0.748 in 19.00 mm
Weight	3.960 lb 1.800 kg
H (Housing Bore Min.)	2.913 in 74.00 mm
M (Counter Bore Depth Max.)	0.118 in 3.00 mm
N (Chamfer)	0.039 in 1.00 mm