U.S. Tsubaki Power Transmission, LLC
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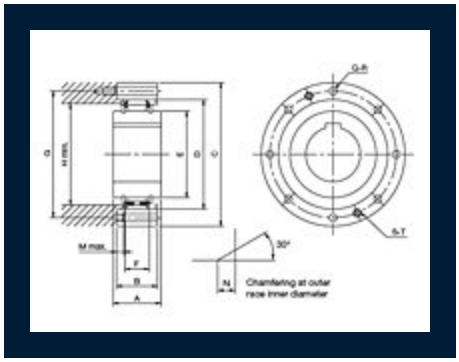
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ITEM # BR100HT-S100A-100, BR-HT100-100.00 MM BORE CAM CLUTCH

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	8113.2 lb·ft 11000.0 N·m
Min. Inner Race Overrunning Speed	440 rpm
Max. Inner Race Overrunning Speed	2700 rpm
Max. Engagement	210 rpm

Bore Size	3.937 in 100.00 mm
A (Inner Race Width)	3.543 in 90.00 mm
B (Outer Race Width)	3.150 in 80.00 mm
C (Outer Race O.D.)	11.417 in 290.00 mm
D (Outer Race I.D.)	8.268 in 210.00 mm
E (Inner Race O.D.)	5.630 in 143.00 mm
G (Bolt Circle Diameter)	10.157 in 258.00 mm
Q-R (Mounting Holes Quantity - Size)	12-M16
S-T (Removed Holes Quantity - Size)	2-M16
F (Cam Width)	2.071 in 52.60 mm
Weight	61.600 lb 28.000 kg
H (Housing Bore Min.)	7.874 in 200.00 mm
M (Counter Bore Depth Max.)	0.453 in 11.50 mm
N (Chamfer)	0.079 in 2.00 mm