**U.S. Tsubaki Power Transmission, LLC**
301 E. Marquardt Dr.
Wheeling, IL 60090

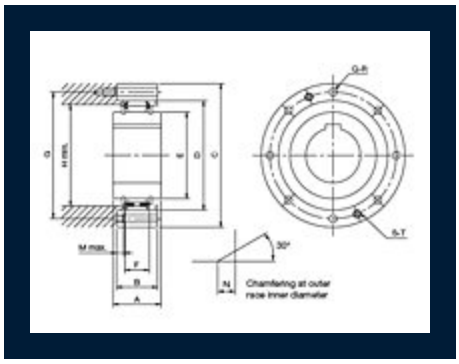
**Phone:** 847.459.9500 or 800.323.7790
**Fax:** 847.459.9515
**Email:** sales@ustsubaki.com

**Website:** www.ustsubaki.com

# ITEM # BR58HT-R101B-70, BR-HT58-70.00 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

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|---|---|
| **Torque** | 1327.6 lb·ft<br>1800.0 N·m |
| **Min. Inner Race Overrunning Speed** | 550 rpm |
| **Max. Inner Race Overrunning Speed** | 3600 rpm |
| **Max. Engagement** | 260 rpm |
| **Bore Size** | 2.756 in<br>70.00 mm |

| | |
|---|---|
| **A (Inner Race Width)** | 1.969 in<br>50.00 mm |
| **B (Outer Race Width)** | 1.969 in<br>50.00 mm |
| **C (Outer Race O.D.)** | 6.890 in<br>175.00 mm |
| **D (Outer Race I.D.)** | 4.921 in<br>125.00 mm |
| **E (Inner Race O.D.)** | 3.937 in<br>100.00 mm |
| **G (Bolt Circle Diameter)** | 6.102 in<br>155.00 mm |
| **Q-R (Mounting Holes Quantity - Size)** | 8-M10 |
| **S-T (Removed Holes Quantity - Size)** | 2-M10 |
| **F (Cam Width)** | 0.984 in<br>25.00 mm |
| **Weight** | 14.740 lb<br>6.700 kg |
| **H (Housing Bore Min.)** | 4.606 in<br>117.00 mm |
| **M (Counter Bore Depth Max.)** | 0.453 in<br>11.50 mm |
| **N (Chamfer)** | 0.039 in<br>1.00 mm |