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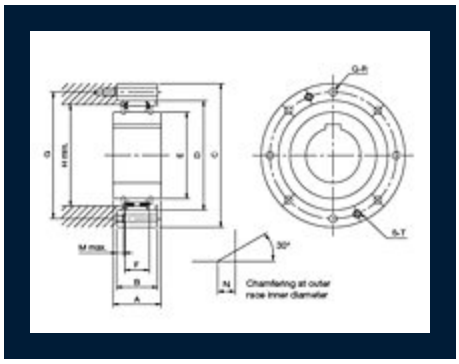
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# ITEM # BR45HT-S45B-45, BR-HT45-45.00 MM BORE CAM CLUTCH

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** | 700.7 lb·ft<br>950.0 N·m |
| **Min. Inner Race Overrunning Speed** | 640 rpm |
| **Max. Inner Race Overrunning Speed** | 3600 rpm |
| **Max. Engagement** | 310 rpm |
| **Bore Size** | 1.772 in<br>45.00 mm |

| | |
|---|---|
| **A (Inner Race Width)** | 1.378 in<br>35.00 mm |
| **B (Outer Race Width)** | 1.378 in<br>35.00 mm |
| **C (Outer Race O.D.)** | 5.118 in<br>130.00 mm |
| **D (Outer Race I.D.)** | 3.740 in<br>95.00 mm |
| **E (Inner Race O.D.)** | 2.756 in<br>70.00 mm |
| **G (Bolt Circle Diameter)** | 4.409 in<br>112.00 mm |
| **Q-R (Mounting Holes Quantity - Size)** | 8-M8 |
| **S-T (Removed Holes Quantity - Size)** | 2-M8 |
| **F (Cam Width)** | 0.984 in<br>25.00 mm |
| **Weight** | 5.720 lb<br>2.600 kg |
| **H (Housing Bore Min.)** | 3.386 in<br>86.00 mm |
| **M (Counter Bore Depth Max.)** | 0.157 in<br>4.00 mm |
| **N (Chamfer)** | 0.039 in<br>1.00 mm |