

CONSTANT TORQUE HINGES AND INSERTS

Stocker friction hinges and inserts are designed to provide constant torque throughout their full range of motion and are ideally suited to applications requiring the ability to hold objects at various positions. They also provide smooth movement for a feel of high quality.

Applications

- Office Equipment
- Medical Cabinets
- Computer Peripherals
- Access Panels
- Industrial Enclosures
- Equipment Guards
- Toolboxes
- Store Fixtures

REELLTORQ®

The TA Series features a conventional door hinge configuration with torque capacities ranging from 8.05 to 30.00 lb-in (0.91 to 3.39 N-m). Corrosion resistant design with O-rings for long life.



TB series hinges are available with torque capacities from 3.89 to 24.69 lb-in (0.44 to 2.79 N-m) in a typical door-type design. O-ring seals protect against contamination.



Stocker TC Series hinges incorporate an engineered plastic housing design into a door hinge configuration with an available torque range from 12.39 to 51.34 lb-in (1.40 to 5.80 N-m). Heavy duty design for long, consistent, reliable operation.



Three of Stocker's hinge series are perfect for computer peripherals, flat screen monitors and small enclosures. 360° Rotation and operational lives of 25,000 cycles for flexibility and reliability.

TD Series (5 mm housing)

1.68 to 5.22 lb-in
(0.19 to 0.59 N-m)
Rivet Mount



TE Series (7 mm housing)

1.59 to 5.75 lb-in
(0.18 to 0.65 N-m)
Screw mount



TF Series (9 mm housing)

5.31 to 19.47 lb-in
(0.60 to 2.20 N-m)
Rivet mount



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The breadth of Stocker's line of constant torque hinges and inserts is unparalleled and will meet most requirements. If special designs or modifications are required, our engineering support team stands ready to assist you.

There are four Stocker torque inserts available. Two of them (TG and TH Series) include durable, long lasting, engineered plastic housings and are designed to press fit into the object. The other two (TJ and TK Series) are intended to be insert molded into 25 – 30% glass filled Nylon parts. Both styles rotate 360° and are designed for 25,000 life cycles.

TG Series

1.77 to 10.62 lb-in
(0.20 to 1.20 N-m)



TH Series

12.39 to 37.17 lb-in
(1.40 to 4.20 N-m)



TJ Series

13.28 to 30.98 lb-in
(1.50 to 3.50 N-m)



TK Series

44.26 to 70.81 lb-in
(5.00 to 8.00 N-m)



PA Series friction hinges are perfect for larger applications. They feature 360° rotation and are available with left, right, or dual zinc-plated steel end shafts and O-rings for maximum corrosion resistance. Torque capacities range from 3.89 to 24.69 lb-in (0.44 to 2.79 N-m).



The **PB Series** is similar to the PA Series, but also offers 90° zinc die cast elbow end shaft(s). In addition, you can specify the high (full) torque direction (clockwise or counterclockwise) and the torque capacity will be 65% in the opposite direction. Torque capacities include 13.28 to 48.68 lb-in (1.50 to 5.50 N-m).



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