

## Perma-Tork® HB-12

### Instruction Manual

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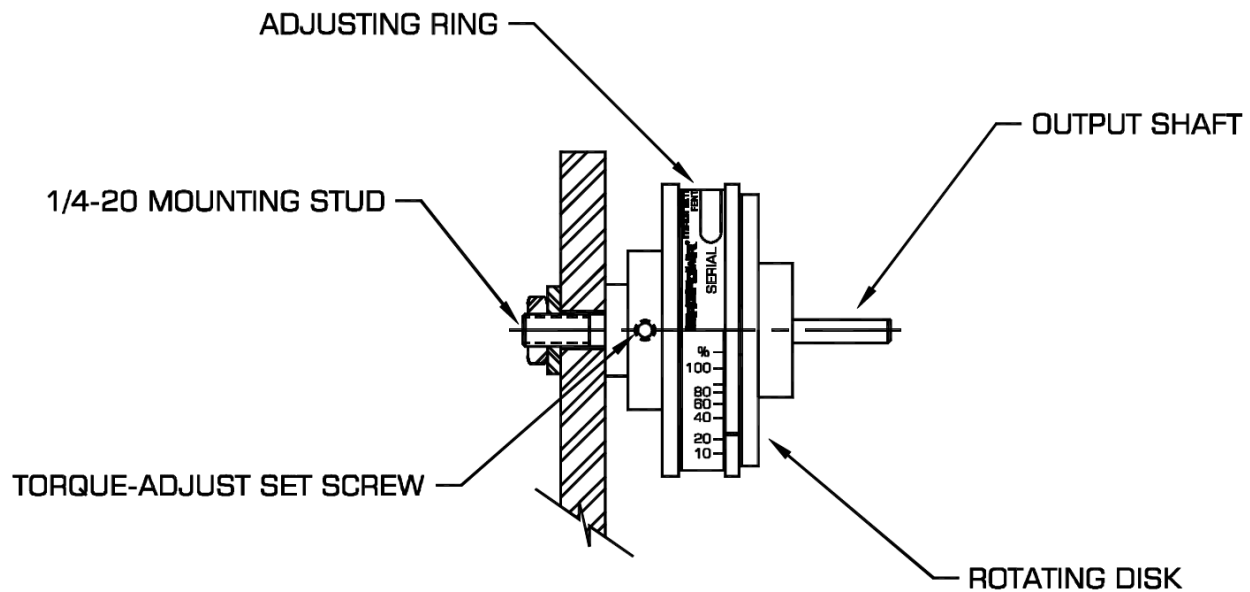
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### Handling

Handle and install with care. This is a precision-assembled unit with close internal clearances. Magnetic materials used are brittle by nature. Avoid subjecting to shock loads. **DO NOT DROP.**

### Installation

The HB-12 must be securely mounted to a bracket or plate using the 1/4-20 mounting stud as shown.



## Overhung Load Capacity

Unit must be protected from excessive overhung loads. When coupling to a shaft, a flexible coupling must be used. The maximum recommended shaft side load is 1 pound. This load should be applied at a point within 1.0 inch from the rotating disk.

## Adjusting Torque

Loosen the torque adjust set screw and rotate the adjustment ring to the desired setting. Tighten the set screw.

## Cogging

With Hysteresis units, there can be a slight “memory” effect on the Hysteresis disc when changing from a high to a low torque setting. This can result in “magnet lobes” or detents, causing a minor cogging. It is correctable by rotating the output shaft slowly (25 to 250 rpm) while moving the adjustment from maximum to minimum.



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