

# LARGE THROUGH BORE - TB 2.0 – 4.0



TB 2.0-4.0

The TB 2.0 to 4.0 model is designed to fit over shafts from 1 to 4 inches. Standard models available with bore sizes of 2 or 4 inches and 4, 8, or 12 rings. If your application requires a nonstandard bore size, we will build the next larger size and install a reducing sleeve with the required bore size for a nominal charge. Please consult our staff for information concerning rotational speeds.

## Standard Specifications

Operating Current	7.5 amps per ring
Operating Voltage	1,000 VRMS
Electrical Noise	5 $\mu$ V, P-P, BW=10Hz-10kHz at 8.5 mA, 500rpm
Leakage Resistance	10,000 M $\Omega$ (min)
Temperature Range	-30°F to 175°F
Encasement	Anodized aluminum
Ring Material	Solid coin silver
Brush Springs	Beryllium copper
Brush Contacts	Four 80% silver-20% graphite contacts per ring
Insulation	Delrin
Sealing	O-rings
Leads	20 AWG TFE covered wire, 3 ft long

## Options

Current	Up to 30 amps per ring
Voltage	Up to 5,000 VDC
Bandwidth	DC to 250 MHz
Temperature	Up to 250°F
Wire	Coax, twisted pair, thermocouple, custom cable assemblies to customer specifications
Wire leads	Longer leads than 3 ft. standard lengths
Encasement	Split cover to facilitate inspection and maintenance

## Sample Applications Include:

Coil Tubing Reels  
Food Processing  
Packaging Machines  
Bottling and Beverage Machines  
Signal Transfer  
Measurement and Sorting Equipment  
Stress and Torque Readings  
Defense Applications



## IEC CORPORATION

3100 Longhorn Blvd. Austin, Texas 7875807696 USA  
512-836-0547, Fax 512-834-1082  
[www.ieccorporation.com](http://www.ieccorporation.com)