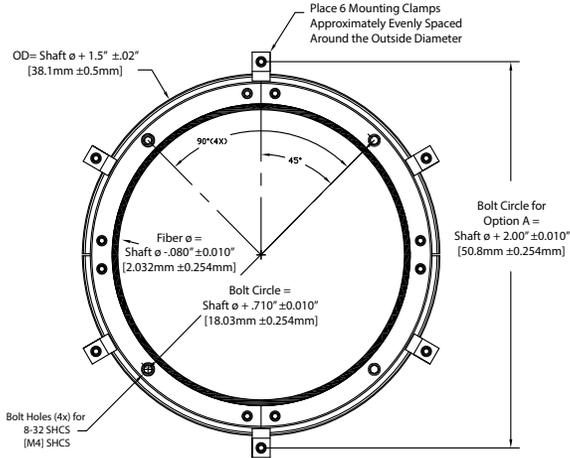


AEGIS® Bearing Protection Ring Large Split Ring Custom Patented Technology



**Electro
Static
Technology™**
An ITW Company

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WARRANTY: Units are guaranteed for one year from date of purchase against defective materials and workmanship. Replacement will be made except for defects caused by abnormal use or mishandling. All statements and technical information contained herein, or presented by the manufacturer or his representative are rendered in good faith. User must assume responsibility to determine suitability of the product for intended use. The manufacturer shall not be liable for any injury, loss or damage, direct or consequential arising out of the use, or attempt to use the product.

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Installation Guide:

1. Shaft must be clean & free of any coatings, paint, or other nonconductive material.
2. AEGIS® SGR should not operate over a keyway. If SGR will operate over a keyway, fill keyway with a fast-curing epoxy putty in the area of contact.
3. Disassemble the Split Ring by removing the 8 screws from the face. Use Loctite® to reassemble the ring around the shaft.
4. Install the Bearing Protection Ring so that the aluminum ring maintains an even clearance around the shaft. Conductive MicroFibers™ must be in contact with conductive metal surface of the shaft.
5. If installing with mounting clamps, use a minimum of 4 clamps to ensure proper ground connection.
6. Drill mounting holes:

Mounting Options	Screw	Drill	Depth of hole	Tap
-1A4 Mounting Clamps	6-32	#36	1/4"	6-32
-1A4 Bolt Through	8-32	#29	1/4"	8-32
-2A4 Mounting Clamps	M3	2.50 mm	6 mm	M3
-2A4 Bolt Through	M4	3.30 mm	6 mm	M4

CAUTION: DO NOT DRILL INTO BEARING

5. The mounting screws provide the path to ground. Do not use Loctite or any other non-conductive material to secure the ring to the motor.
6. After installation, test for conductive path to ground using Ohm meter. One probe on metal frame of SGR and one probe on motor frame. NOTE: Motor must be grounded to common earth ground according to applicable standards.
CAUTION: SGR IS NOT A GROUND FAULT PROTECTION DEVICE.
7. In occasions where Bearing Protection Ring is exposed to excessive debris, additional protection of the fibers may be necessary. Call technical support at 207-998-5140 or email techsupport@est-aegis.com