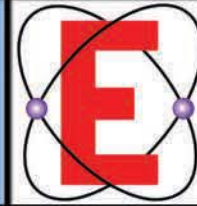


LOW VOLTAGE POLE BUSHING



ECI, ERMCO Components Inc.
1607 Industrial Road
Greeneville, TN 37745
Phone: (423) 638-2302
Toll Free: (877) 267-1855
Fax (423) 636-6492

Design Advantages

Bushing Body

- Thermoset Polyester compound for strength, temperature rating, UV stability, and service life

Tank (mounting) Nut

- Thermoplastic Glass Reinforced Material

Gaskets

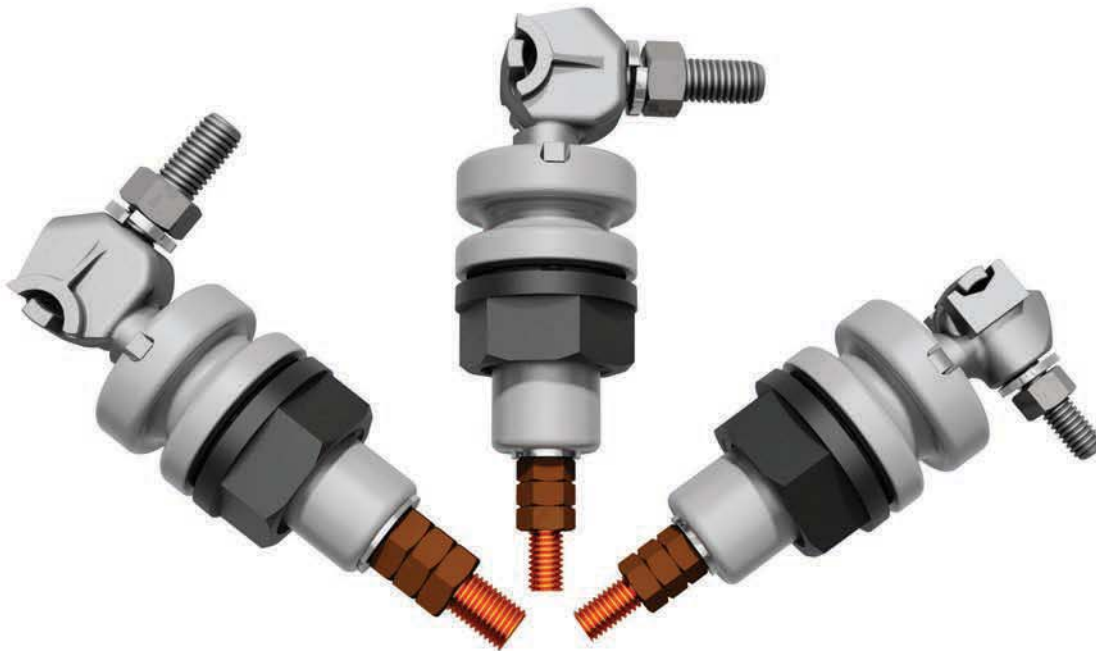
- Buna-N

Terminal

- Tin-plated Silicon Bronze

Casting

- Specially designed for additional strength



BEYOND THE STANDARD

The secondary bushing is designed for reliability and service.

- The ECI bushing is molded using a reliable **thermoset glass-filled polyester** material. It has **superior temperature stability, strength, toughness, dielectric strength, and weatherability.**
- The ECI nut has **3 thread engagement** for maximum use of the installation torque. The longer nut allows easier installation by the operator.
- A **fully retained gasket** controls gasket compression and protects the gasket from UV exposure.



For more information about the secondary bushing, contact your Ermco Components representative or call (877) 267-1855

FIG. NO.	PART NUMBER	RATING		THREAD SIZE		CABLE	DIMENSIONS (INCHES)		
		AMP	TYPICAL KVA	EYEBOLT	STUD		A	B	C
1	9U10LPB010	63	10/15	3/8-16	3/8-16	#6 SOLID - 4/0 STRANDED	6 1/8	3 3/8	1 1/8
2	9U10LPB025	104	25	1/2-13	3/8-16	#2 SOLID TO 350 MCM STRANDED	6 3/8	3 3/8	1 1/8
2	9U10LPB050	208	50	1/2-13	1/2-13	#2 SOLID TO 350 MCM STRANDED	6 5/8	3 3/8	1 3/8

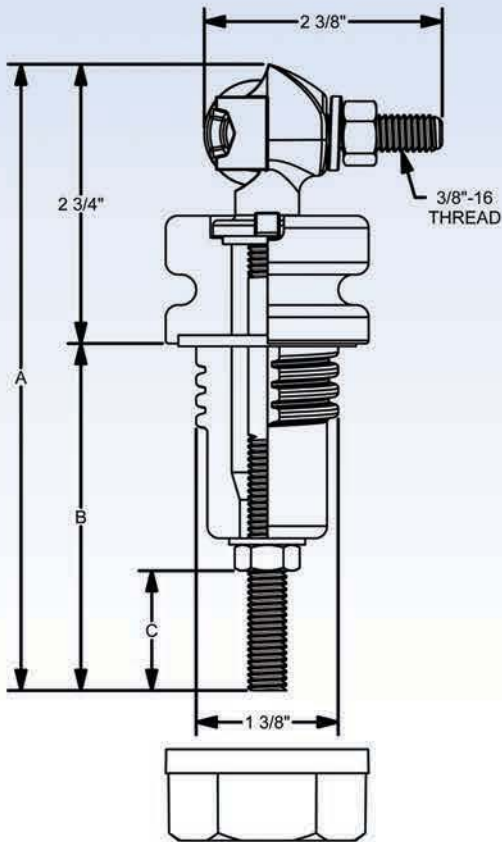


FIG. 1

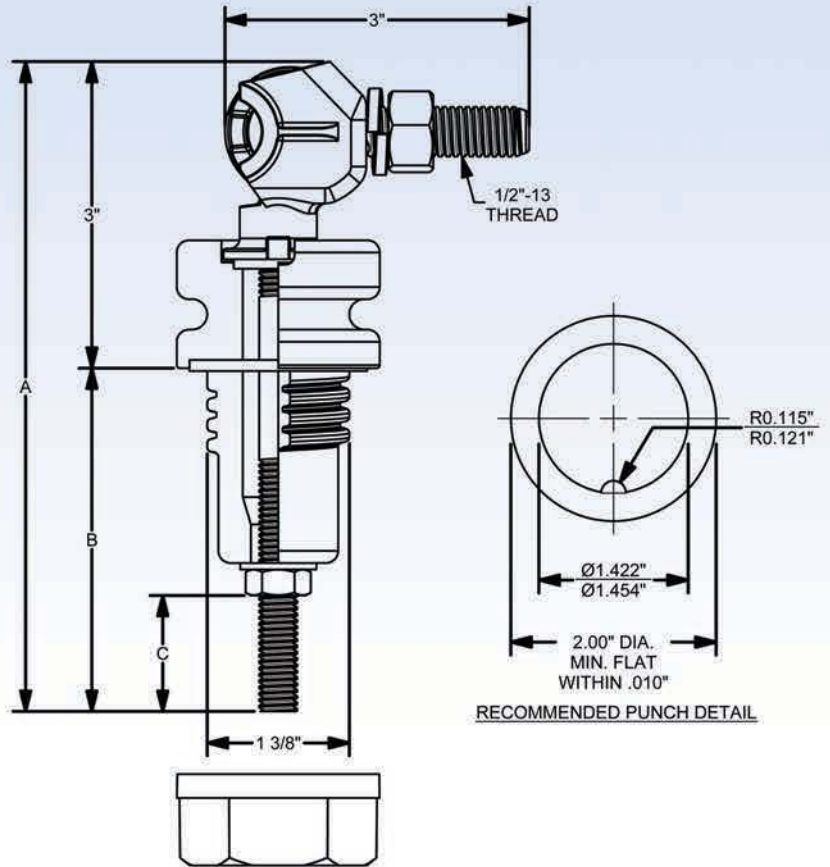


FIG. 2

Accelerated Aging Testing

- UV aging for 1000 hours followed by leak test and 60Hz dry withstand.
- Thermocycle test (10 cycles) followed by leak test and dry withstand.

Application

5-50 kVA
120-240 V, 240-480 V, 277 V

1.2 kV Class
30 kV BIL

Mechanical Testing

- Cantilever strength test
- Cantilever gasket leak test
- Torque test mounting nut
- Torque test copper stud
- Torque test eyebolt

Dielectric Testing

- Hi-Pot Testing in Air
- Continuous current temperature rise
- 60Hz dry withstand 10kV - 1 min
- 60Hz dry flashover
- 60Hz wet withstand 6kV - 1 min
- 60Hz wet flashover
- Impulse Withstand = 39 kV Full Wave (+3/-3 shots)