

## INS38-K: Ground Bar Insulators



### Features:

- UL rated for 600 Volts
- Used for insulating ground bars
- Sold in kits of two
- Kit includes two 3/8" x 5/8" and two 3/8" x 3/4" SS bolts, four SS lock washers, and four SS flat washers
- 3/8-16 UNC thread

### Construction:

- Compression molded glass reinforced polyester with aluminum threaded inserts
- Stainless steel hardware

| Part #  | Diameter |        | Height | Thread Depth |
|---------|----------|--------|--------|--------------|
|         | Ends     | Center |        |              |
| INS38-K | 1-3/8"   | 1-3/4" | 1-3/8" | 3/8"         |

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### Insulator Physical and Electrical Properties

|   |               |
|---|---------------|
| Tensile Strength (lbs)                        | 2,500 - 2,700 |
| Cantilever Strength (in-lbs)                  | 2,500 - 3,750 |
| Compression Strength (lbs)                    | 17,000        |
| Thread Stripping Torque (ft-lbs)              | 30            |
| Dielectric Strength (volts S.T.)              | 15,000        |
| Arc Resistance (sec. ASTM D495)               | 180+          |
| Water Absorption (% in 24 hrs @ 23 degrees C) | 0.15          |
| Height Tolerance (in, plus or minus)          | 0.015         |
| Creep Distance (in)                           | 1.5           |
| UL Subject 94 Flame Resistance                | 94 V-O        |

