



# Bi Metallic & Annular Ring Insulation Pins

## Bi Metallic Capacitor Discharge Weld Pins (CD)

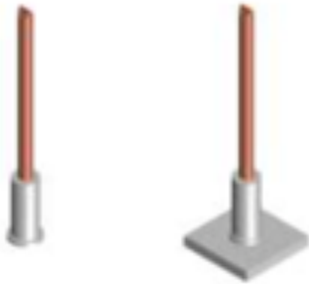
**Materials:** Aluminum Base (5000 series) with Mild Steel with Copper Plated Pin, Stainless Steel Pin

**Diameters:** 3/16, 10 ga. (.135), 12 ga. (.105)

**\*Standard and Custom Lengths Available**

Available in Annular Ring, Notched End and Standard Pins

**Accessories:** Tapered Base Chuck 4181871 (3/16")  
Tapered Base Chuck 4181351 (10 ga.), 4181101 (12 ga.),  
Self Locking Washers, Dome Caps



## Annular Ring / Navy Weld Stud – Capacitor Discharge & Arc Conforms to MIL-S-24149, Type VI, Class III

**Materials:** Mild Steel with Copper Plating, Stainless, Nickel Plating

**Diameters:** 1/8", 3/16" . 10 ga. (.135), 12 ga (.105)

**\*Standard and Custom Lengths Available**

**Accessories:** Tapered Base Chuck 4181871 (3/16")  
Tapered Base Chuck 4181351 (10 ga.), 4181101 (12 ga.),  
Self Locking Washers, Dome Caps



# Insulation Pins

## Insulation Pins – Capacitor Discharge (CD)

**Materials:** Mild Steel Copper Plated, Stainless Steel and Aluminum Pins

**Diameters:** 10 ga. (.135), 12 ga. (.105), 14 ga. (.080)

*\*Standard and Custom Lengths Available*

**Accessories** – Tapered Base Chuck 4181351 (10 ga.), 4181101 (12 ga.)



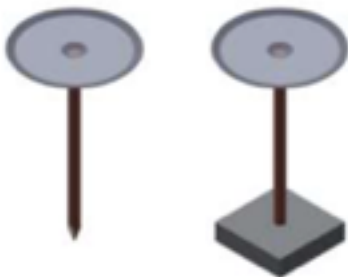
# Cup Head Pins

**Materials:** Mild Steel Pin with Galvanized Washer, 12 ga. with 1-3/16" and 1-1/2" Washer Head

**Diameters:** 10 ga. (.135), 12 ga. (.105), 14 ga. (.080)

*\*Standard and Custom Lengths Available – Min 3/8"*

**Accessories** – *Magnetic Cup Head Pin Chuck 418019*



# Insulation Caps and Washers

## Self Locking Washers

**Materials:** Steel Zinc (galvanized), Stainless, Aluminum

**Square:** 2-1/2", 1-1/2", 1-1/4" x 1-1/8"

**Round:** 1", 1-3/16", 1-1/2", 2"



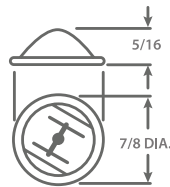
## Dome Caps

**Clip Material:** Steel Zinc, Stainless, Aluminum

**Dome Materials:** Steel Zinc, Aluminum, Plastic –  
Painted colors are available as special order

**Available in** 3/16", 10 ga., 12 ga., 14 ga., 3mm

5/16" height, 7/8" diameter

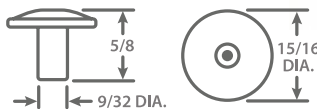


## Annular Ring / Caps

**Clip Material:** Mild Steel, Aluminum

**For 3/16" diameter studs**

5/8" height, 5/16" diameter



## Key Hole Slotted Washer for Annular Groove / Navy Studs – Notched End

**Clip Material:** Mild Steel Zinc (galvanized)

**For 3/16" diameter Studs**

1-1/2" diameter

