



# MOUNTING HARDWARE FOR WIRELESS SENSORS

Enhance your condition monitoring program with the industry-leading quality of CTC mounting hardware, compatible with wireless sensors from Acoem, Bently Nevada, CTC, Easy Measure, Emerson, Erbesd, SKF, and more.



## WHY CHOOSE CTC PRODUCTS?



### FLEXIBILITY

Save money by ordering exactly what you need:  
***No Minimum Order Quantities*** on any CTC product.



### SPEED

Did you know CTC has the industry's fastest 10-day standard lead times? Get your products shipped sooner so you never have to plan your maintenance schedule around a lengthy delivery window.



### DURABILITY

Our products are built with strength to endure the harshest industrial environments, and we stand behind the quality of our products with the industry's best warranties.



### UNMATCHED CUSTOMER SERVICE

Get help and answers quickly from our knowledgeable, US-based customer service team - we always answer phone calls and respond to emails promptly.

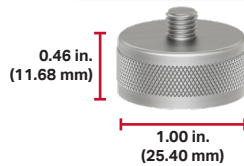
*Please note, compatible wireless sensors are manufactured by their respective companies which are not connected to CTC.*

## FLAT SURFACE MAGNETS

*neodymium iron boron magnets in a 17-4 stainless steel case*

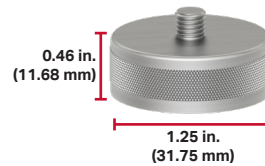


Flat surface magnets are easy to use and offer a secure attachment, making them ideal for applications where the machine surface is relatively flat and free of curves or irregularities.



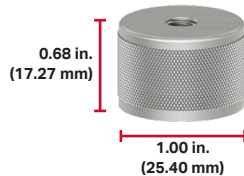
### **MH103-1B**

- » 1/4-28 Integral Stud
- » 40 lbs. (18 kg) Pull Strength
- » 266 °F (130 °C) Max Temp



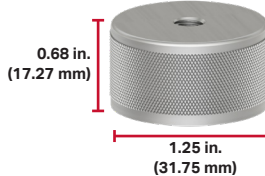
### **MH104-1B**

- » 1/4-28 Integral Stud
- » 60 lbs. (27 kg) Pull Strength
- » 266 °F (130 °C) Max Temp



### **MH122-1A**

- » 1/4-28 Blind Tapped Hole
- » 40 lbs. (18 kg) Pull Strength
- » 266 °F (130 °C) Max Temp



### **MH123-1A**

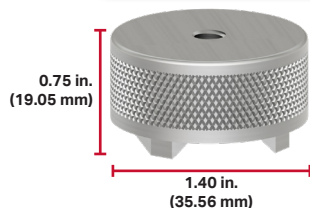
- » 1/4-28 Blind Tapped Hole
- » 60 lbs. (27 kg) Pull Strength
- » 266 °F (130 °C) Max Temp

## MULTIPURPOSE MAGNETS

*neodymium iron boron magnets in a 303 stainless steel case*

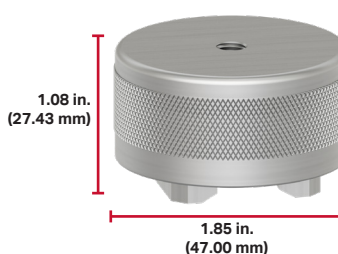


Multipurpose magnets, also known as curved surface magnets, feature magnet legs that mount to flat or curved surfaces.



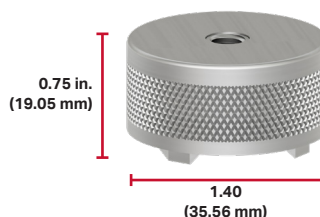
### **MH114-3A**

- » 1/4-28 Blind Tapped Hole
- » 50 lbs. (23 kg) Pull Strength
- » 266 °F (130 °C) Max Temp



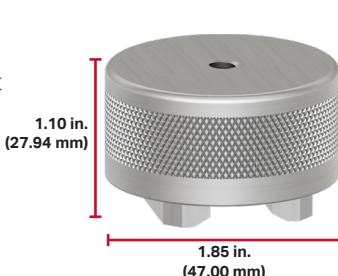
### **MH115-2A**

- » 1/4-28 Blind Tapped Hole
- » 95 lbs. (43 kg) Pull Strength
- » 266 °F (130 °C) Max Temp



### **MH214-3A**

- » 1/4-28 Blind Tapped Hole
- » Integral Rotating Mounting Nut
- » Aluminum Wrench Included
- » 50 lbs. (23 kg) Pull Strength
- » 266 °F (130 °C) Max Temp



### **MH140-1A**

- » 1/4-28 Blind Tapped Hole
- » 120 lbs. (54 kg) Pull Strength
- » 266 °F (130 °C) Max Temp

## MOTOR FIN MOUNT PADS

*made of 17-4 stainless steel*

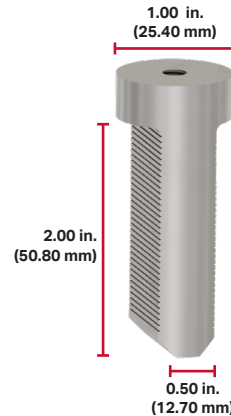


Motor fin mount pads are a unique solution specifically designed for mounting between the cooling fins on motors.



### MH118-1A

» 1/4-28 Blind Tapped Hole



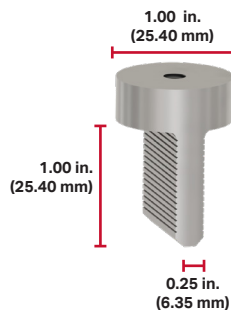
### MH118-2A

» 1/4-28 Blind Tapped Hole



### MH118-3A

» 1/4-28 Blind Tapped Hole



### MH118-4A

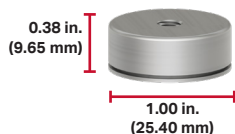
» 1/4-28 Blind Tapped Hole

## ADHESIVE MOUNTING PADS

*made of 17-4 stainless steel*

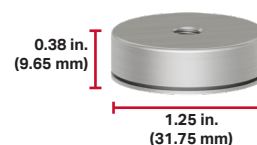


Adhesive mounting pads can be used for permanent mounting when it is not safe to tap into the machine or if a perfectly flat surface cannot be obtained for stud mounting, or for portable measurements to create a flat target to attract a magnet on a machine.



### MH130-1A

» Adhesive Mounting Disk  
» For Permanent or Portable Mount Measurements



### MH130-3A

» Adhesive Mounting Disk  
» For Permanent or Portable Mount Measurements

# QUICK DISCONNECTS

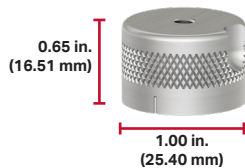
made of 316L stainless steel



Quick disconnects create a consistent mounting location for portable routes. The receptacle features a triaxial locating notch and ¼ turn engagement onto the stud, ensuring the sensor is oriented in the same position when connected to the stud for every reading.

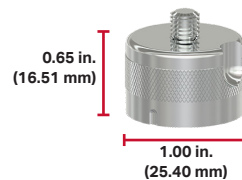
## Choose One Receptacle and One Stud:

### Receptacles



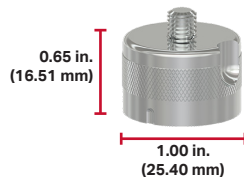
#### MH107-1A

- » Quick Disconnect Receptacle
- » 1/4-28 Blind Tapped Hole
- » Locating Notch for Triaxial Sensors



#### MH107-3A

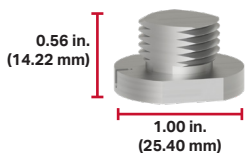
- » Quick Disconnect Receptacle
- » 1/4-28 Adjustable Orientation Captive Mounting Bolt
- » Locating Notch for Triaxial Sensors



#### MH107-5A

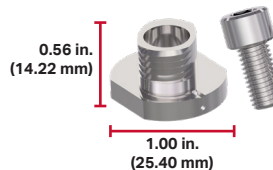
- » Quick Disconnect Receptacle
- » M6 Adjustable Integral Stud Mounting Bolt
- » Locating Notch for Triaxial Sensors

### Studs



#### MH107-1B

- » Quick Disconnect Mounting Stud
- » 1/4-28 Blind Tapped Hole



#### MH107-2B

- » Quick Disconnect Mounting Stud with Through-Hole Mounting
- » 1/4-28 Socket Head Cap Screw



#### MH107-3B

- » Quick Disconnect Mounting Stud with Through-Hole Mounting
- » M6x1 Socket Head Cap Screw

## INSTALLATION TOOL KITS



Spot face and pilot hole drill in one operation, with option for taps and ratcheting tap handle included.

### 1.25 in. End Mill Diameter

|                  |                                          |
|------------------|------------------------------------------|
| <b>MH117-1A</b>  | 1/4-28 Thread                            |
| <b>MH117-1B</b>  | 1/4-28 Thread, With Tap Set              |
| <b>MH117-4A</b>  | M6x1 Thread                              |
| <b>MH117-4B</b>  | M6x1 Thread, With Tap Set                |
| <b>MH117-6A</b>  | M8x1.25 Thread                           |
| <b>MH117-6B</b>  | M8x1.25 Thread, With Tap Set             |
| <b>MH117-11A</b> | 1/4-28 Thread, Carbide Tip               |
| <b>MH117-11B</b> | 1/4-28 Thread, Carbide Tip, With Tap Set |

### 1.75 in. End Mill Diameter

Compatible with:

» Acoem Eagle EGL1103000  
 » Acoem Sparrow SPW123000  
 » Baker Hughes Ranger Pro 70M303-AXX  
 » Erbesd Phantom EPH-V11E & EPH-V10E  
 » Sensotek Tau E TS201 (Stud Version)

|                  |                             |
|------------------|-----------------------------|
| <b>MH117-10A</b> | 1/4-28 Thread               |
| <b>MH117-10B</b> | 1/4-28 Thread, With Tap Set |