

MOUNTED BALL BEARING UNITS








European Metric and American Standard Industrial Power Transmission Products

PTI offers the widest assortment of housings and ball bearing inserts in the industry. We stock over 700 housing types including popular European Metric, Asian Metric, and American Standard configurations. Stock product available through 140mm (metric) or 4" (American Standard).


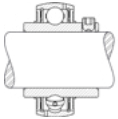



POPULAR HOUSING STYLES

 2-Bolt Pillow Blocks Multiple Footprints - P, RAK, VAK, SW, etc.	 Tapped Base Pillow Blocks	 2-Bolt & 4-Bolt Flanges, Multiple Footprints	 Piloted Flanges	 Flanged Brackets	 Ductile 3-Bolt Flanges	 Cast Iron 3-Bolt Flanges
 Pressed Steel Units	 Pressed Steel Units with Rubber Isolators	 Light Duty Units	 Swivel Flanges	 Take-Up Bearings	 Hanger Bearings	 Cylindrical Units


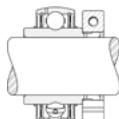

SHAFT ATTACHMENT METHODS

 All 4 Available from PTI


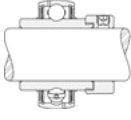

- Easy to install
- Lowest purchase price
- Clearance fit
- Moderate shaft damage

Setscrew (UC)


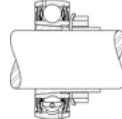

- Easy to install
- Higher purchase price
- Concentric grip to shaft
- Reduced fretting

Concentric Collar (CL)

- Easy to install
- Low purchase price
- Uni-directional
- Minor shaft damage

Eccentric Collar (HC)

- Minimizes vibration
- Higher purchase price
- Most concentric grip
- No fretting

Adapter (UK and GSH)



PTI Corporate Headquarters Charlotte, NC - USA
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EURO AND PTI SERIES

In addition to our PTI series inserts, PTI also offers a Euro Brand of inserts in set screw and eccentric mount. The Euro Series is a popular European brand that uses a molded nylon cage for higher speeds. Euro Series bearings are grease lubricated and typically have a lip seal between two pieces of zinc plated steel. The PTI Series uses a steel cage and is also grease lubricated with a steel slinger and a lip seal on each side of the bearing.

Euro Series



UC Euro



HC Euro



UC PTI



HC PTI

PTI Series

CORROSION RESISTANT MOUNTED UNITS



Corrosion Resistant Products for Food/Beverage

- All Stainless Inserts
- Stainless Housings
- White Thermoplastic Housings
- Black Thermoplastic Housings
- Nickel Plated Housings



End Cover Options for Corrosion Resistant Housings

- Open Covers (OP)
- Closed Covers (CL)
- Flange Back Covers (BK) - May Be Used with Narrow Inner Ring Inserts Only (SSB)



SUC Stainless Insert Setscrew Wide Inner Ring



SHC Stainless Insert Eccentric Collar Wide Inner Ring



SSB Stainless Insert Setscrew Narrow Inner Ring



SSER Stainless Insert Setscrew

OTHER OPTIONS AVAILABLE FROM PTI



Solid Lubricants Available to Keep Contamination Out and Eliminate Need for Relubrication



Triple Lip Seals Available on Silver Series Wide Inner Ring Inserts for Harsh Environments

- High Temp and Low Temp Bearings (Stock)
 - C4 Internal Clearance
 - Silicon Seals
 - Heat Stabilized Races
 - Anti-Rotation Pin
- Special Housings and End Covers
- UCX Medium Duty
- UC300 Heavy Duty
- Extra Narrow Width Inserts
- Private Labeled Products



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