



## **Cylindrical Roller Bearings**

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### **COMBINATION BEARING INSTALLATION PROCEDURE**

The combination bearing consists of two basic parts: Outer Radial part and Inner Spigot with Axial Roller.

#### **Preparation for Welding**

1. Remove the screws in the retaining plate of the Combination –Bearing, which secures the axial assembly.
2. Push lightly on the axial roller to separate the two main components.
3. Push the pin out of the spigot assembly to free up the axial roller.
4. Place the spigot into the Frame or Flange Plate and make sure the orientation of the axial roller is square to the running surface of the guide rail.

Note: Mig Weld is the preferred method, but Stick or Tig Welding can also be used. Make sure that the amperage is set correctly.

#### **Re-Assembly after Welding Procedure**

1. Insert axial roller and push pin into housing; make sure it is perfectly square and flush with outside diameter on both sides
2. Assemble Outer Radial Bearing by lightly tapping on the retaining front cover plate and make sure the inner race is placed squarely onto the pin.

**Caution: Do not tap or press on the outer ring, this could cause the inner ring and seal to separate.**

3. Secure the retaining plate screws with ‘**LOCTITE**’ 242 Blue or 243.
4. Use proper Metric Allen keys
5. If re-lubrication is required use lithium based grease lubricant, with an LGI3 consistency or Shell Alvania 3 or Esso Beacon 3 Grease.

NOTE: If more information is required contact your Supplier.

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