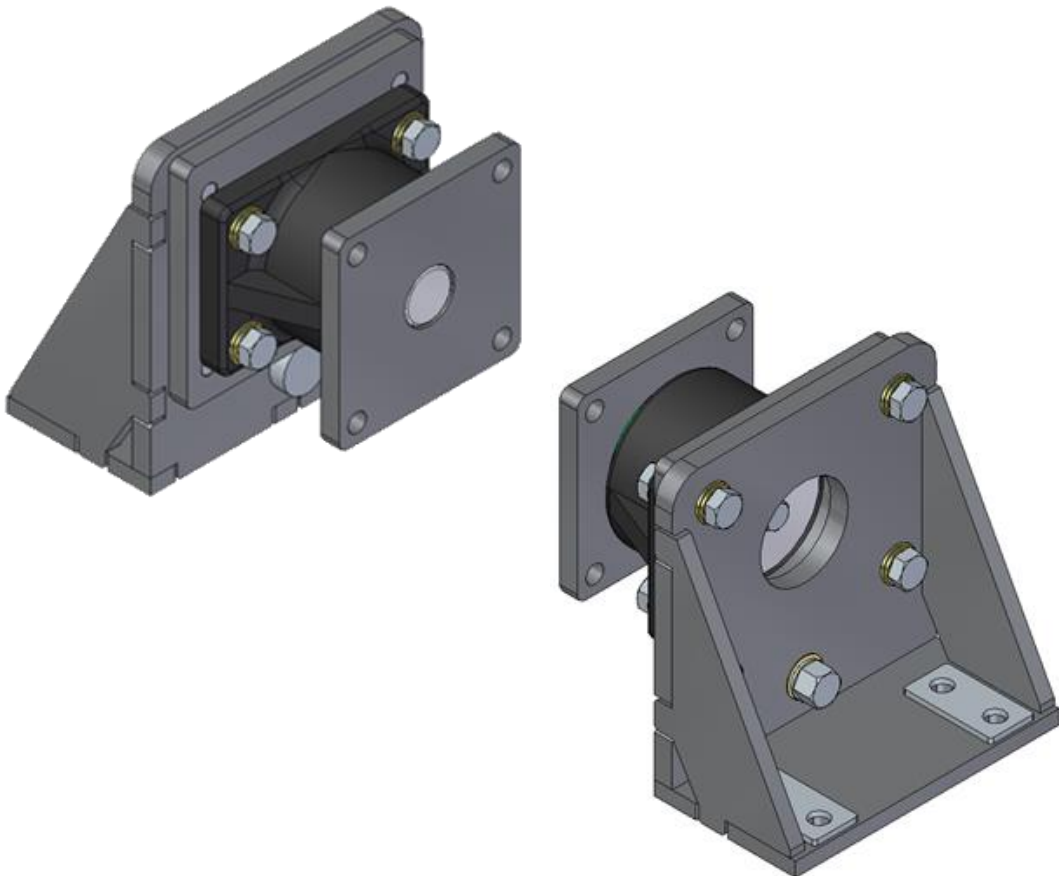




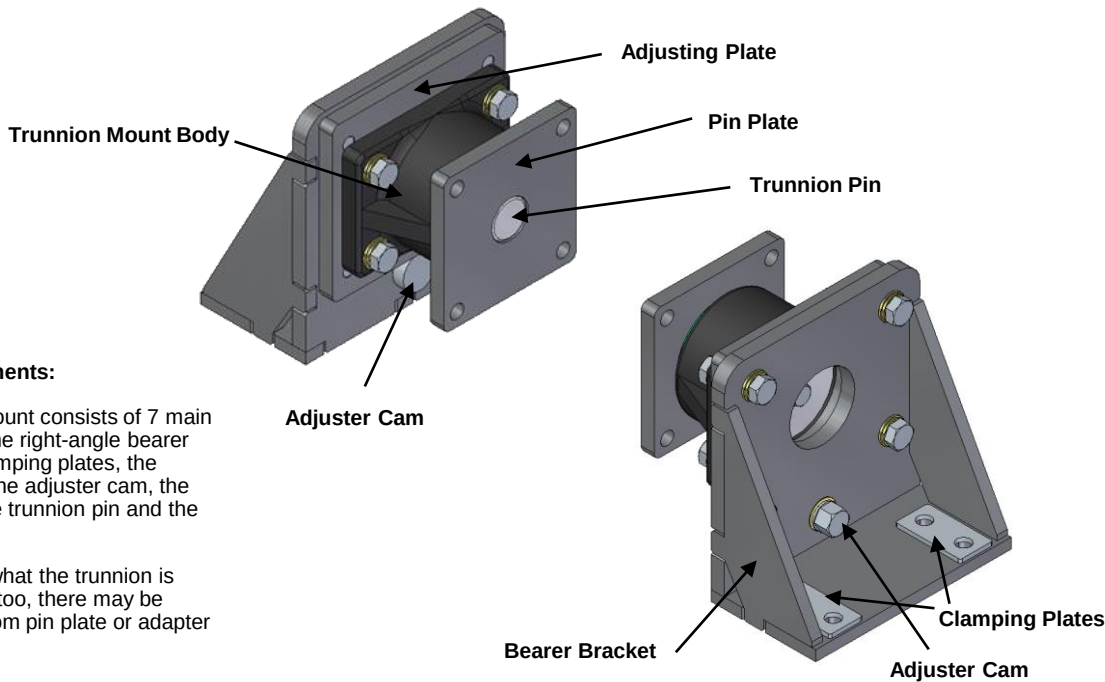
TRUNNION MOUNTS

INSTALLATION INSTRUCTIONS



Trunnion Mount Installation Instructions

Trunnion Mount

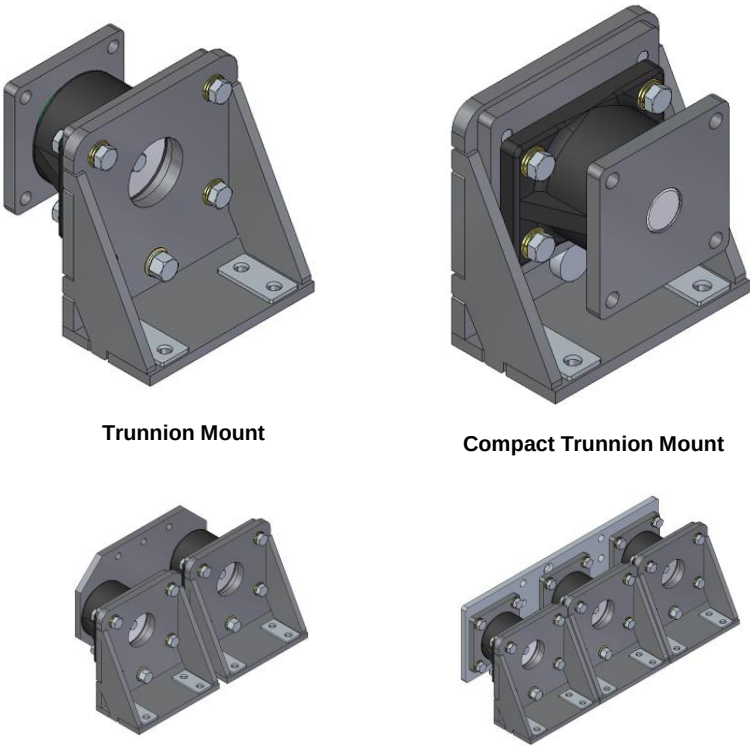


Mount Components:

The trunnion mount consists of 7 main components. The right-angle bearer bracket, the clamping plates, the adjuster plate, the adjuster cam, the mount body, the trunnion pin and the pin plate.

Depending on what the trunnion is being mounted too, there may be need for a custom pin plate or adapter bracket.

Configuration Change



Configuration Change:

The trunnion mount can be ordered in a regular and compact configuration depending space available. There are also double and triple configurations available depending on the mounting application.

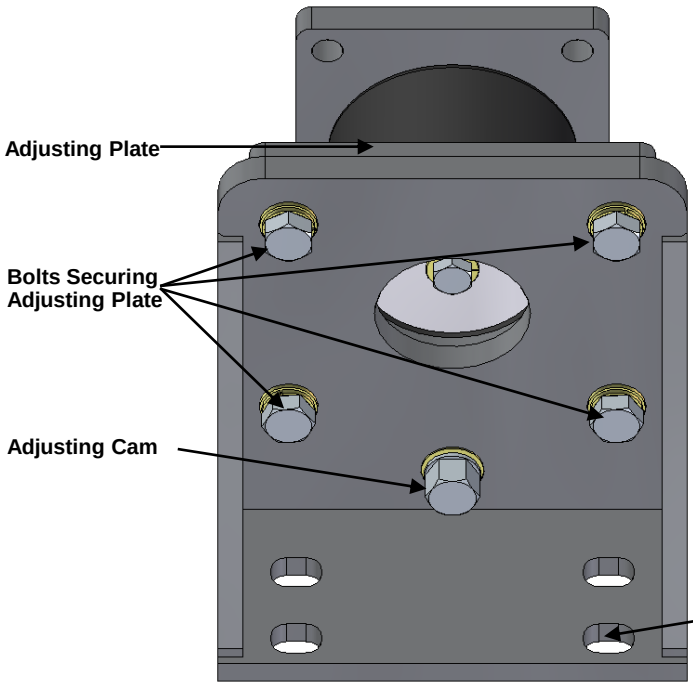
The configuration can be changed from regular to compact by removing the bolts that secure the adjusting plate and the circlip that secures the cam adjuster.

Once the adjuster plate, mount body, pin and pin plate have been removed, swap the adjuster cam onto the other side of the bearer bracket and re install the circlip. Re install the rest of the mount on the inside of the bearer bracket and secure with bolts.

In some cases, using the compact configuration may require the removal of adjuster plate, mount body, pin and pin plate to bolt the bearer bracket into the bearer.

Trunnion Mount Installation Instructions

Height, Longitudinal and Lateral Adjustment



Height Adjustment:

The trunnion mount has an adjusting cam which allows the height of the mount to be easily adjusted with a 12mm range.

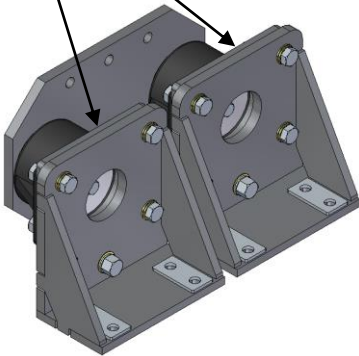
Loosen the 4 bolts securing the adjusting plate, rotate the adjusting cam to align the trunnion mount with the mounting bracket. Retighten the 4 M20 bolts at 135 Nm [100 ft-lb] to secure the adjusting plate.

Longitudinal / Lateral Adjustment:

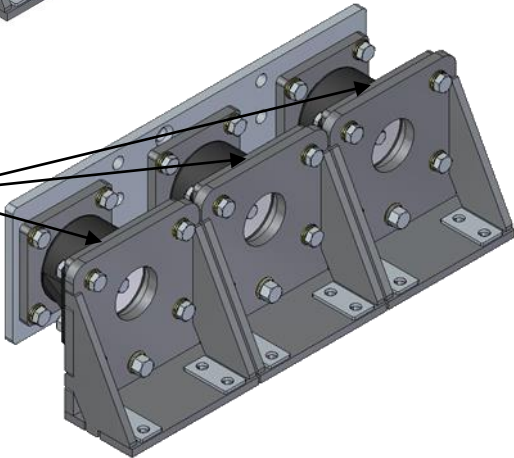
Slotted bolt down holes allow for longitudinal adjustment of 12mm and lateral adjustment of 6mm to align the trunnion mount with the mounting bracket.

Multiple Trunnion Height Adjustment

Adjusting plates must be the same height



Adjusting plates must be the same height



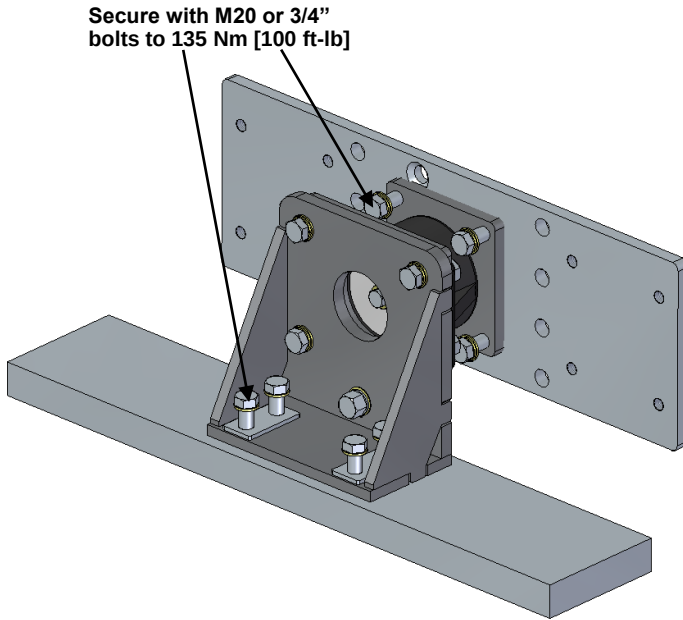
Height Adjustment for Double and Triple Trunnions:

When adjusting a double or triple trunnion configuration

Loosen all bolts securing the adjusting plates, use the adjusting cams to raise both mounts to the correct height, ensure all adjusting plates are the same height then secure the adjusting plate M20 bolts to 135 Nm [100 ft-lb].

Trunnion Mount Installation Instructions

Installation



Installation:

The trunnion mounts can be installed by either securing the mount to the mounting bracket then lowering onto the bearers and securing to the bearers, or first securing the mount to the bearers then securing the mount to the mounting bracket.

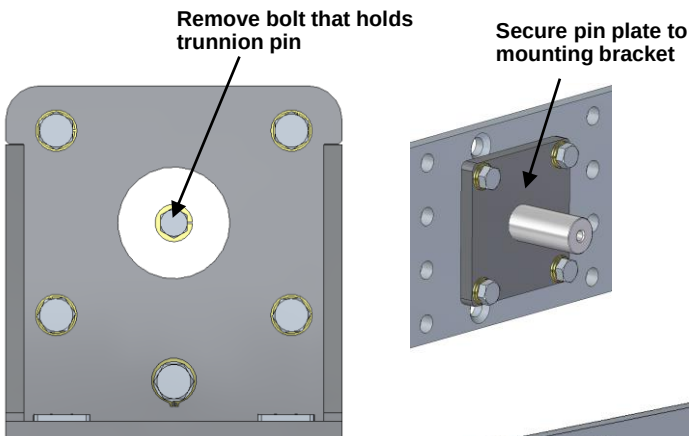
M20 or 3/4" bolts should be used to secure the trunnion mount to the bearers and mounting bracket.

Once secure the height adjustment functionality of the mount can be used for alignment.

Once the package is correctly aligned secure all M20 or 3/4" bolts to 135 Nm [100 ft-lb].

If the 4 x M20 bolts that secure the mount body to the adjusting plate are removed at anytime, when reinstalling retighten to 135 Nm [100 ft-lb].

Alternative Installation



Alternative Installation:

In some instances, it may be easier to remove the trunnion pin and pin plate and secure them to the mounting bracket. To do this simply remove the bolt that secures the pin to the mount body.

The mount can then be slid onto the pin and secured to the bearers.

Remember to reinstall the M16 bolt and spring washer that secure the pin and tighten to 30 Nm. [52 ft-lb]

