

Swivels



Full details and safety information about our range of Swivel products.

APPLICATIONS

Thrust bearing swivels are used to prevent wire rope or chain from transferring their normal twisting motion to the item being lifted.

Green Pin swivels are not designed to rotate under load, but are intended as positioning devices only.

For rotating under load; thrust bearing swivels should be used.

Our swivels can be supplied with two types of end fittings.

RANGE

- Green Pin swivels ranging from WLL 0.39 up to 20.5 tones, with Eye/Eye or Jaw/Eye terminations.
- Thrust bearing swivels, ranging from WLL 1 up to 40 tones, with Eye/Eye terminations.

GT can also offer other types of swivels in Grade 8 & Grade 10 upon request.

Please contact our office for more information.

DESIGN

Green Pin Swivels are drop forged. Thrust bearing swivels are machined from carbon steel. The range of thrust bearing swivels we supply are fitted with grease nipples to ensure long life and smooth operation. The greasing schedule must be adjusted to the frequency and intensity of use.

Each swivel is generally marked with:

- Working Load Limit
- Manufacturers symbol
- Size in inch
- Traceability code

FINISH

Green Pin Eye/Eye and Jaw/Eye swivels are hot dipped galvanized

Thrust bearing swivels are painted.

INSTRUCTIONS FOR USE

Swivels should be inspected before use to ensure that:

- All markings are legible.
- A swivel with the correct WLL has been selected.
- The bolt, nut or an other locking system cannot vibrate out of position.
- Swivels are free from nicks, gouges & cracks.
- Swivels may not be heat treated as this may affect their WLL.

The WLL should be applied in-line. Avoid overloads. Side loading is not allowed since the swivels are not designed for this purpose.

Never replace a swivel pin or nut with a pin other than the one designed for the purpose, as otherwise the swivel may not be suitable for the load imposed.

Swivels must be regularly inspected in accordance with the safety standards given in the country of use. This is required because the products in use may be affected by wear, misuse, overloading etc. Which may lead to deformation and alteration of the material structure.

Inspection should take place at least every six months and more frequently when the swivels are used in severe operating conditions.