



THE NUT PLACE

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WASHERS

AVAILABLE TYPES

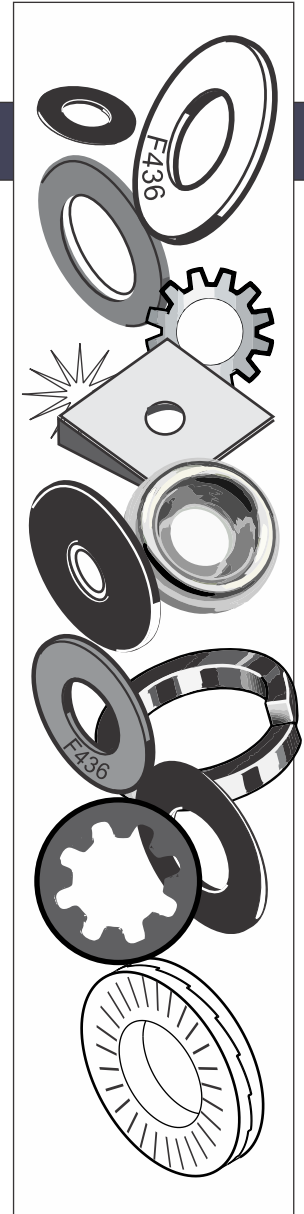
Flatwashers distribute the load of a bolt or screw head over a wider area, preventing the fastener from inflicting surface damage.

Lockwashers are similar to flat washers, but they have spring-like design features, teeth or other characteristics that help to prevent the fastener from loosening. Lockwashers are often used in applications where the fastener is subject to vibration or shock.

Washers can be made from a variety of materials, including metal, plastic, rubber, and ceramic. The type of material used will depend on the application. For example, metal washers are commonly used in industrial applications where strength and durability are important. Plastic washers are often used in automotive and electronics applications where weight savings and insulation are important. Rubber washers are used in applications where vibration absorption and sealing are important.

In addition, there are a number of specialty washers available for specific applications.

- FLATWASHER USS
- FLATWASHER SAE
- F436 WASHER
- FENDER WASHER
- BEVELED WASHER
- LOCKWASHER
- INTERNAL TOOTH LOCKWASHER
- EXTERNAL TOOTH LOCKWASHER
- HIGH COLLAR LOCKWASHER
- BELLVILLE SPRING LOCK
- FINISHING WASHER (TRIM or CUP)
- METRIC EXT TAB WASHER
- SQUARE WASHER



Fastener Finishes

Bolts are available with different finishes like zinc, galvanized, xylan, cad or just plain black. If you need to be supplied with another finish, then call or email us. We can provide finishes to your specification.



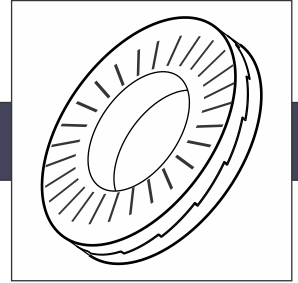
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HEICO WEDGE LOCKWASHER

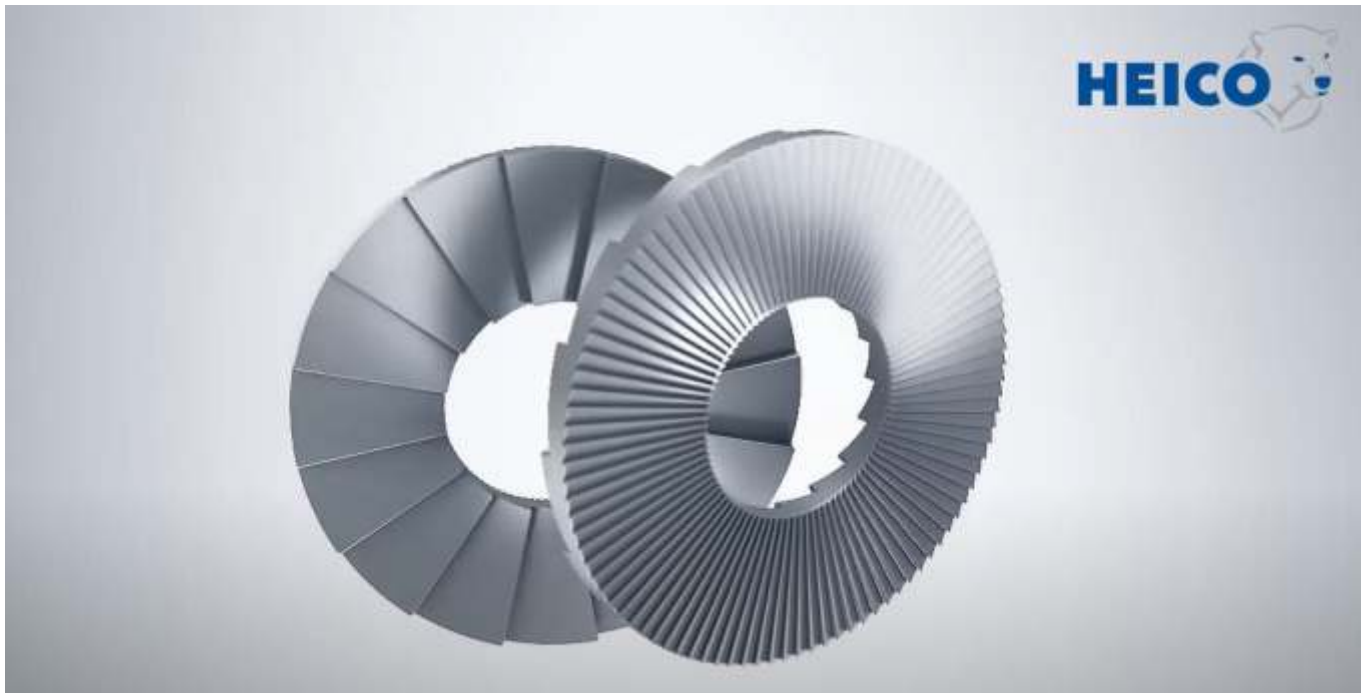
A HEICO lockwasher is a type of washer that uses tension instead of friction to prevent a bolt from loosening. Known as “wedge-lock,” “cam-lock,” or “wedge washers,” the unique tension based design of the washer system provides superior resistance to constant vibration, high dynamic loads and thermal cycling.

It consists of two interlocking washer halves, each with wedge-shaped cams on one side and radial teeth on the other.

When the bolt is tightened, the radial teeth of the washer halves embed themselves in the bolt head and the mating surface. The wedge-shaped cams then force the washer halves together, creating a preload force that keeps the bolt in place.

If the bolt is subjected to vibration or other dynamic loads, the washer halves will try to separate. However, the wedge-shaped cams will prevent this from happening, maintaining the preload force and keeping the bolt tight.

HEICO lockwashers are particularly effective in high-vibration and high-torque applications. They are also reusable, which makes them a cost-effective solution for many fastening applications.



We look forward to helping you with your next project!

Technical Data

We can provide your company with a Technical Guide that contains more specific information about mechanical qualities, composition, and strength.