



Lifting Eye Bolts DIN580 and Lifting Eye Nuts DIN582 made of steel and stainless steel with a single-threaded or double-threaded fastening have the working load limit stated in the chart, considering a factor of 6 applied to the minimum breaking force according to chart 2.

ATTACHMENT B LIFTING EYE

BOLTS ACCORDING TO DIN580

User Guidelines

Lifting Eye Bolts DIN580 serve primarily as a permanent fastening to components, such as engines, electric control boxes, gears, etc. for transport of these components. For alternating use on multiple components, such as mold tools, lifting eye bolts with the thread diameter next in size should be utilized.

The load carrying capacity in the chart only applies when

- + Lifting Bolts are completely tightened
- + Lifting Bolts rest evenly on the contact surface
- + thread depth is sufficient
- + transferred forces can be absorbed by the component without safety-impairing deformations
- + blind holes with thread are deep enough so the contact surface of the bolt can rest on the contact surface of the component

When working with clearance holes, a shim should be placed beneath the eye nut. Greater listing angles and especially lateral pull should not be applied.

Lifting Eye Bolts should be checked for a tight fit and obvious damage (corrosion, deformation) prior to use.

Lifting Eye Bolts with deformations should not be used further and not be tightened again.

ATTACHMENT B LIFTING EYE

NUTS ACCORDING TO DIN582

User Guidelines

Lifting Eye Nuts DIN582 serve primarily as a permanent fastening to components, such as engines, electric control boxes, gears, etc. for transport of these components. For alternating use on multiple components, such as mold tools, lifting eye nuts with the thread diameter next in size should be utilized.

The load carrying capacity in the chart only applies when

- + Lifting Nuts are completely tightened
- + Lifting Nuts rest evenly on the contact surface
- + length of the counter thread is sufficient
- + sturdiness of the component with the counterthread is sufficient

When working with clearance holes, a shim should be placed beneath the eye nut. Greater listing angles and especially lateral pull should not be applied. Lifting Eye Nuts should be checked for a tight fit and obvious damage (corrosion, deformation) prior to use. Lifting Eye Nuts with deformations should not be used further and not be tightened again.