

Metric



**RUD®**

**Specification**

**Load ring**

Steel, German Material No. 1.6541

- Forged, high-tensile tempered
- 100 % electro magnetic tensile tested to EN 1677-1
- Powder coated, pink

**Bearing case**

Steel

- Forged, high-tensile tempered
- 100 % electro magnetic tensile tested to EN 1677-1
- Zinc plated

**Screw**

Steel

- High-tensile tempered
- Finish: Delta Tone

**Spring**

Steel

**RFID transponder**

Frequency 13.56 MHz (HF, IEC 15693)

RoHS

Safety swivel load rings GN 586.2 are used with separate lifting gear and lashing equipment. They are screwed onto load-bearing equipment or directly onto the load and can absorb loads in any direction.

The integrated spring mechanism ensures that the load ring rotates in a load-friendly direction during lifting and lashing, preventing unfavorable lateral loads.

The nominal load capacity is indicated on the case. Swivel load rings GN 586.2 comply with the Machinery Directive 2006/42/EC and DGUV rules GS-HM-36.

The integrated RFID transponder clearly marks and identifies the lifting gear, e.g. during the prescribed regular inspection.

see also...

|   | Page |
|---|------|
| <b>GN 5860</b> Safety Swivel Load Rings | QVX  |
| <b>GN 5862</b> Safety Swivel Load Hooks | QVX  |

How to order

**GN 586.2-M30**

**1** Thread d<sub>1</sub>

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10

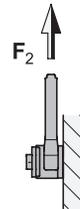
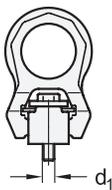
## Metric table



Dimensions in: millimeters / inches

| d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | h <sub>1</sub> | h <sub>2</sub> | h <sub>3</sub> | h <sub>4</sub> | k <sub>1</sub> | k <sub>2</sub> | Length l     | A/F <sub>1</sub> | A/F <sub>2</sub> | Tightening torque in Nm | Nominal load capacity in t (WLL) (Safety factor 4:1) |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|------------------|------------------|-------------------------|--|
| M 8            | 30<br>1.18     | 38<br>1.50     | 94<br>3.70     | 83<br>3.27     | 33<br>1.30     | 11.7<br>0.46   | 10.5<br>0.41   | 60<br>2.36     | 11.5<br>0.45 | 5<br>0.20        | 13<br>0.51       | 30                      | 0.7  |
| M 10           | 30<br>1.18     | 38<br>1.50     | 94<br>3.70     | 83<br>3.27     | 34.4<br>1.35   | 11.7<br>0.46   | 10.5<br>0.41   | 60<br>2.36     | 15.5<br>0.61 | 6<br>0.24        | 17<br>0.67       | 60                      | 1  |
| M 12           | 30<br>1.18     | 38<br>1.50     | 94<br>3.70     | 83<br>3.27     | 35.5<br>1.40   | 11.7<br>0.46   | 10.5<br>0.41   | 60<br>2.36     | 18.5<br>0.73 | 8<br>0.31        | 19<br>0.75       | 80                      | 1.35   |
| M 16           | 40<br>1.57     | 50<br>1.97     | 121<br>4.76    | 107<br>4.21    | 46<br>1.81     | 13.7<br>0.54   | 14<br>0.55     | 78<br>3.07     | 22.3<br>0.88 | 10<br>0.39       | 24<br>0.94       | 150                     | 2.5  |
| M 20           | 45<br>1.77     | 50<br>1.97     | 135<br>5.31    | 118<br>4.65    | 56<br>2.20     | 16.6<br>0.65   | 17<br>0.67     | 84<br>3.31     | 26.5<br>1.04 | 12<br>0.47       | 30<br>1.18       | 300                     | 4  |
| M 24           | 60<br>2.36     | 66<br>2.60     | 177<br>6.97    | 154<br>6.06    | 70<br>2.76     | 21.7<br>0.85   | 23<br>0.91     | 112<br>4.41    | 34<br>1.34   | 14<br>0.55       | 36<br>1.42       | 500                     | 6.3  |
| M 30           | 75<br>2.95     | 75<br>2.95     | 212<br>8.35    | 183<br>7.20    | 87.5<br>3.44   | 29<br>1.14     | 27<br>1.06     | 133<br>5.24    | 41.5<br>1.63 | 17<br>0.67       | 46<br>1.81       | 800                     | 8  |

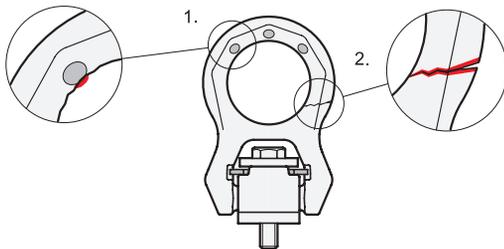
## Load Capacity



| d <sub>1</sub> | F <sub>1</sub><br>max. in t<br>(Safety factor 4:1) | F <sub>2</sub><br>max. in t<br>(Safety factor 4:1) |
|----------------|--|--|
| M 8            | 0.7  | 0.7  |
| M 10           | 1  | 1  |
| M 12           | 1.35   | 1.35   |
| M 16           | 2.5  | 2.5  |
| M 20           | 4  | 4  |
| M 24           | 6.3  | 6.3  |
| M 30           | 8  | 8  |

The specified load values apply to an operating temperature range of -40 °F to +392 °F (-40 °C to +200 °C). Further information can be found in the operating instructions.

## Wear / Service Life / Safety Instructions



1. Carefully check the wear markings to determine the level of wear on the lifting point. If these marks cover the entire outer contour or the contour of the hole, the attachment point has reached the end of its service life and must be replaced.
2. If the lifting point is bent or shows signs of damage or cracks, it is no longer safe to use.

In either case, replacement is required.

The information in the operating instructions must be complied with during installation, commissioning and use. It is included with the product and is available digitally at [jwwinco.com](http://jwwinco.com).