

Metric



RUD®

2 Type

R With oval ring

Metric table



Dimensions in: millimeters / inches

d	h ₁	h ₂	h ₃ ≈	h ₄ ≈	k ₁	k ₂	k ₃	k ₄ ≈	Nominal load capacity in t (WLL)
40 1.57	114 4.49	105 4.13	56 2.20	49 1.93	9 0.35	53 2.09	35 1.38	79 3.11	0.63
46 1.81	126 4.96	115 4.53	53 2.09	62 2.44	11 0.43	57 2.24	35 1.38	81 3.19	1.5
61 2.40	148 5.83	135 5.31	57.5 2.26	78.5 3.09	13 0.51	66 2.60	44 1.73	93 3.66	2.5
78 3.07	188 7.40	172 6.77	74 2.91	98 3.86	16 0.63	77 3.03	50 1.97	117.5 4.63	4
95 3.74	242 9.53	223 8.78	103.5 4.07	119.5 4.70	19 0.75	98 3.86	60 2.36	158 6.22	5
100 3.94	266 10.47	242 9.53	107 4.21	135 5.31	24 0.94	113 4.45	65 2.56	169.5 6.67	8

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 German Material No. 1.6541

- Forged
- High-tensile tempered
- 100 % electro magnetic tensile tested to EN 1677-1
- Galvanically zinc plated

Weld-on flange

Steel German Material No. 1.6541

- High-tensile tempered
- 100 % electro magnetic tensile tested to EN 1677-1

RoHS

Load rings GN 5861 rotate by means of a ball bearing and are used with separate lifting gear and lashing equipment. They are welded to load-bearing equipment or directly onto the load itself and absorb loads in any direction. The large ring facilitates attachment.

The nominal load capacity is indicated on the ring. Load rings GN 5861 comply with the Machinery Directive 2006/42/EC and DGUV rules GS-HM-36.

see also...

GN 5860 Safety Swivel Load Rings

GN 5862 Safety Swivel Load Hooks

Page

QVX

QVX

How to order

GN 5861-100-R

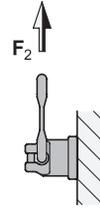
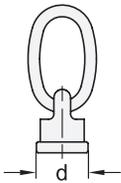
1 Diameter d

2 Type

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10



Load Capacity

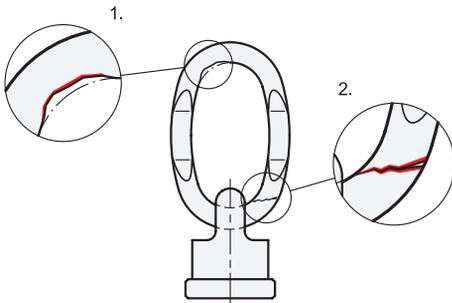


Dimensions in: millimeters / inches

d	Nominal load capacity in t (WLL)	F ₁ max. in t	F ₂ max. in t
40 1.57	0.63	0.63	0.63
46 1.81	1.5	1.5	1.5
61 2.40	2.5	2.5	2.5
78 3.07	4	4	4
95 3.74	5	6.7	5
100 3.94	8	10	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

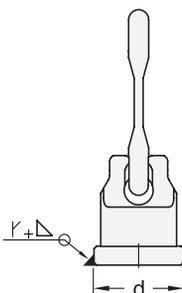


1. If the wear exceeds 10% of the cross-section, the lifting point is worn out and has reached the end of its service life.
2. If the load ring is bent or shows signs of damage or cracks, it is no longer safe to use.

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.

Fastening / Welding Instructions



Dimensions in: millimeters / inches

d	Size of weld seam
40 1.57	a4
46 1.81	a5
61 2.40	HY 3 + a5
78 3.07	HY 3 + a6
95 3.74	HY 3 + a8
100 3.94	HY 3 + a10

The welding must be carried out by a certified welder in accordance with ISO 9606-1.