

Metric table



Dimensions in: millimeters - inches

b	d	h ₁	h ₂	k ₁	k ₂	Nominal load (WLL) in metric tons	Max. permissible lashing force in daN (LC)
100 3.94	35 1.38	41.5 1.63	57 2.24	16 0.63	30 1.18	1.6 0.06	3200
137 5.39	50 1.97	59 2.32	80 3.15	23 0.91	41 1.61	3.2 0.13	6400
172 6.77	60 2.36	71.5 2.81	99 3.90	27 1.06	51 2.01	5 0.20	10000
228 8.98	80 3.15	95 3.74	130 5.12	38 1.50	70 2.76	10 0.39	20000

Specification

- Steel
German Material No. 1.6541
- Forged
- High-strength tempered
- 100% electromagnetic tensile tested according to EN 1677
- Phosphate-treated

• RoHS compliant

Information

GN 589 weldable lifting points are characterized by their low installation height.

They provide a high dynamic and static strength and can be loaded from any direction with approved safety (safety factor 4).

The nominal values for load capacity in the table are for the most extreme loading conditions listed, and are also clearly marked on the lifting point.

GN 589 lifting points comply with Machinery Directive 2006/42/EG.

see also...

- Load Rings GN 587.1 → page QVX
- D-Shackles GN 584 → page QVX
- Bow Shackles GN 585 → page QVX

How to order

GN 589-137

1 Width b

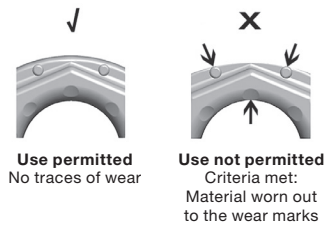


Dimensions in: metric tons

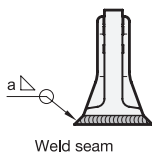
Mounting method										
	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
100 3.94	1.6 t	1.6 t	3.2 t	3.2 t	2.2 t	1.6 t	1.6 t	3.4 t	2.4 t	1.6 t
137 5.39	3.2 t	3.2 t	6.4 t	6.4 t	4.5 t	3.2 t	3.2 t	6.8 t	4.8 t	3.2 t
172 6.77	5.0 t	5.0 t	10.0 t	10.0 t	7.1 t	5.0 t	5.0 t	10.6 t	7.5 t	5.0 t
228 8.98	10.0 t	10.0 t	20.0 t	20.0 t	14.1 t	10.0 t	10.0 t	21.2 t	15.0 t	10.0 t

Safety notes

The load capacity table shows the maximum loads in metric tons.



The marks can be used to check the wear of the lifting point.



Dimensions in: millimeters / metric tons

Lifting point size b	Fillet weld size a	Length	Volume in cm ³
100 (1.6 t)	4	251	4.016
137 (3.2 t)	6	344	12.380
172 (5.0 t)	7	431	21.100
228 (10.0 t)	8	576	36.860

The welding must be carried out by a certified welder according to EN 287-1.

The specified load values apply at an operating temperature of -40 °F to +392 °F (-40 °C to +200 °C). Load bearing capacity at higher temperatures on request.

The operating instruction contains further guidelines and is included with every lifting point (see also at www.jwwinco.com/service).