



2 Type

- A** With stud bolt
B Bolt with nut and split pin



d ₁ Nominal size	Nominal size		b ±3	d ₂ ±0,5	d ₃ * UNC-thread	d ₄	h	Nominal load (WLL)	
		in inch							
6		1/4	12	8	5/16	17	22	0,5 t	[5,0 kN]
8		5/16	13	10	3/8	21	26	0,75 t	[7,5 kN]
10		3/8	16	12	7/16	26	31	1,0 t	[10,0 kN]
11		7/16	18	14	1/2	28	36	1,5 t	[15,0 kN]
13		1/2	21	16	5/8	30	41	2,0 t	[20,0 kN]
16		5/8	27	19	3/4	42	51	3,25 t	[32,5 kN]
19		3/4	32	22	7/8	48	60	4,75 t	[47,5 kN]
22		7/8	36	25	1	57	71	6,5 t	[65,0 kN]
25		1	43	28	1 1/8	62	81	8,5 t	[85,0 kN]

* in general, the bolts and screws are threaded as specified. Variances are possible, however.

Specification

- Ring bracket
 - Heat-treated steel, die-forged
 - Hot-dip galvanised
- Bolt
 - Heat-treated steel, die-forged
 - Galvanic zinc plated, lacquered
- RoHS

Information

High-strength, straight shackles GN 584 are made in analogy with the US Federal Specification RR-C-271 and feature sixfold safety standards, which means that the minimum failure load is at least six times greater than the value of the nominal load (WLL).

The rated size and the nominal load (WLL) are drop-forged into the shackle which makes it easier to select the proper sling gear. In general, the nominal load must not be exceeded.

The designs with nut and split pin (Type B) are normally recommended for permanent connections. The bolts are allowed to rotate, and the nuts are secured against inadvertent loosening with a split pin.

The operating instruction contains further guidelines and is included with every shackle (see also at www.ganternorm.com/en/service).

How to order

GN 584-16-A

1 d₁

2 Type