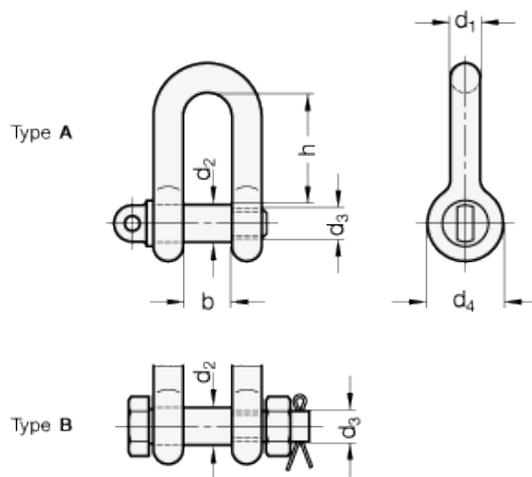


GN 584

Shackles



technical informations

Ring bracket

Heat-treatable steel, die-forged. Hot-dip galvanised.

Bolt

Heat-treatable steel, die-forged.
Galvanic zinc-plated, lacquered.

Standard versions available

- Type A: with stud bolt.
- Type B: bolt with nut and split pin.

Features and applications

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.

Operating instructions with more details and specifications are included with every delivery.

Standard Elements	Nominal size		Main dimensions					Nominal load (WLL)	Weight g
	Description	d ₁ in inch	b ±1	d ₂ ±0.5	d ₃ *	d ₄	h		
GN 584-6-A	6	1/4	12	8	5/16	17	22	0.5 t [0.5 kN]	45
GN 584-8-A	8	5/16	13	10	3/8	21	26	0.75 t [7.5 kN]	80
GN 584-10-A	10	3/8	16	12	7/16	26	31	1.0 t [10.0 kN]	120
GN 584-11-A	11	7/16	18	14	1/2	28	36	1.5 t [15.0 kN]	180
GN 584-13-A	13	1/2	21	16	5/8	30	41	2.0 t [20.0 kN]	300
GN 584-16-A	16	5/8	27	20	3/4	42	51	3.25 t [32.5 kN]	500
GN 584-19-A	19	3/4	32	22	7/8	48	60	4.75 t [47.5 kN]	940
GN 584-22-A	22	7/8	36	27	1	57	71	6.5 t [65.0 kN]	1480
GN 584-25-A	25	1	43	28	1 1/8	62	81	8.5 t [85.0 kN]	2100
GN 584-6-B	6	1/4	12	8	5/16	17	22	0.5 t [5.0 kN]	50
GN 584-8-B	8	5/16	13	10	3/8	21	26	0.75 t [7.5 kN]	90
GN 584-10-B	10	3/8	16	12	7/16	26	31	1.0 t [10.0 kN]	130
GN 584-11-B	11	7/16	18	14	1/2	28	36	1.5 t [15.0 kN]	195
GN 584-13-B	13	1/2	21	16	5/8	30	41	2.0 t [20.0 kN]	320
GN 584-16-B	16	5/8	27	20	3/4	42	51	3.25 t [32.5 kN]	670
GN 584-19-B	19	3/4	32	22	7/8	48	60	4.75 t [47.5 kN]	970
GN 584-22-B	22	7/8	36	27	1	57	71	6.5 t [65.0 kN]	1600
GN 584-25-B	25	1	43	28	1 1/8	62	81	8.5 t [85.0 kN]	2245

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



STANDARD MACHINE ELEMENTS WORLDWIDE