



2 Type
A With threaded pin
B With bolt, nut, and cotter pin

Metric table

Dimensions in: millimeters - inches

d ₁	b ±3		d ₂ ±0.5	d ₃ * Thread	d ₄	d ₅	h	Nominal load (WLL) in metric tons	
	Millimeters (Nominal size)	Inches							
6	6	1/4	12 0.47	8 0.31	5/16 x 18	17 0.67	19 0.75	28 1.10	0.50 t [5.0 kN]
8	8	5/16	13 0.51	10 0.39	3/8 x 16	21 0.83	21 0.83	31 1.22	0.75 t [7.5 kN]
10	10	3/8	16 0.63	12 0.47	7/16 x 14	26 1.02	24 0.94	36 1.42	1.00 t [10.0 kN]
11	11	7/16	18 0.71	14 0.55	1/2 x 13	28 1.10	27 1.06	42 1.65	1.50 t [15.0 kN]
13	13	1/2	21 0.83	16 0.63	5/8 x 11	30 1.18	30 1.18	48 1.89	2.00 t [20.0 kN]
16	16	5/8	27 1.06	19 0.75	3/4 x 10	42 1.65	38 1.50	60 2.36	3.25 t [32.5 kN]
19	19	3/4	32 1.26	22 0.87	7/8 x 9	48 1.89	45 1.77	71 2.80	4.75 t [47.5 kN]
22	22	7/8	36 1.42	25 0.98	1 x 8	57 2.24	51 2.01	84 3.31	6.50 t [65.0 kN]
25	25	1	43 1.69	28 1.10	1 1/8 x 7	62 2.44	59 2.32	95 3.74	8.50 t [85.0 kN]

* Pins and bolts are threaded as specified; however, variances are possible.

Specification

- Bow shackle body
Heat-treated steel
- Drop-forged
- Hot-dip galvanized
- Pin
Heat-treated steel
- Drop-forged
- Galvanic zinc plated, lacquered finish
- RoHS compliant

Information

GN 585 high-strength bow shackles are manufactured in accordance with US Federal Specification RR-C-271, and are characterized by a six-fold safety. This means that the minimum breaking force is at least six times higher than the value of the nominal load (WLL). The curved shape is particularly suitable for applications where the shackles are exposed to multiple loads.

The nominal size and the nominal load (WLL) are forged into the shackle, which makes it easier to securely identify the lifting gear. The nominal load must not be exceeded.

Type B with bolt, nut, and cotter pin is recommended for permanent connections. The pin can rotate, and the bolt and nut are secured with the cotter pin to eliminate loosening.

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

How to order GN585-11-B	1 Diameter d ₁
	2 Type

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