



Inch table

1 2

d ₁	l ₁	d ₂ -0.003	d ₃	h ₁	h ₂	h ₃	h ₄	k ₁	k ₂	k ₃	l ₂	l ₃	Nominal load*			
													F ₁ ST	NI	F ₂	F ₃
1/2 x 13	0.669 17	0.416 10.57	0.846 21.5	3.445 87.5	1.417 36	1.012 25.7	1.063 27	0.374 9.5	1.929 49	1.181 30	0.945 24	0.472 12	1529 lbf 6.8 kN	1529 lbf 6.8 kN	764 lbf 3.4 kN	607 lbf 2.7 kN
3/4 x 10	0.866 22	0.640 16.26	1.181 30	4.488 114	2.047 52	1.437 36.5	1.283 32.6	0.433 11	2.205 56	1.417 36	1.181 30	0.669 17	3619 lbf 16.1 kN	2248 lbf 10 kN	1731 lbf 7.7 kN	1281 lbf 5.7 kN
1 x 8	1.063 27	0.863 21.92	1.417 36	5.984 152	2.362 60	1.654 42	1.992 50.6	0.591 15	3.228 82	1.961 49.8	1.417 36	0.866 22	6766 lbf 30.1 kN	6766 lbf 30.1 kN	3147 lbf 14 kN	2226 lbf 9.9 kN

Dimensions in: inches - millimeters

* Testing according to DIN EN 13155

Metric table

1 2

d ₁	l ₁	d ₂ -0.07	d ₃	h ₁	h ₂	h ₃	h ₄	k ₁	k ₂	k ₃	l ₂	l ₃	Nominal load*			
													F ₁ ST	NI	F ₂	F ₃
M 8	12 0.472	6.62 0.261	21.5 0.846	87.5 3.445	36 1.417	25.7 1.012	27 1.063	9.5 0.374	49 1.929	30 1.181	17.8 0.701	8 0.315	2.1 kN 472 lbf	2.1 kN 472 lbf	0.9 kN 202 lbf	0.8 kN 180 lbf
M 10	14 0.551	8.35 0.329	21.5 0.846	87.5 3.445	36 1.417	25.7 1.012	27 1.063	9.5 0.374	49 1.929	30 1.181	20 0.787	10 0.394	3.9 kN 877 lbf	3.9 kN 877 lbf	1.5 kN 337 lbf	1.5 kN 337 lbf
M 12	17 0.669	10.07 0.396	21.5 0.846	87.5 3.445	36 1.417	25.7 1.012	27 1.063	9.5 0.374	49 1.929	30 1.181	24 0.945	12 0.472	6.2 kN 1394 lbf	6.2 kN 1394 lbf	2.5 kN 562 lbf	2.3 kN 517 lbf
M 16	17 0.669	13.8 0.543	21.5 0.846	87.5 3.445	36 1.417	25.7 1.012	27 1.063	9.5 0.374	49 1.929	30 1.181	24 0.945	12 0.472	8.4 kN 1888 lbf	8.4 kN 1888 lbf	4.5 kN 1012 lbf	4.2 kN 944 lbf
M 20	22 0.866	17.25 0.679	30 1.181	114 4.488	52 2.047	36.5 1.437	32.6 1.283	15 0.591	56 2.205	36 1.417	30 1.181	17 0.669	16.6 kN 3732 lbf	10 kN 2248 lbf	7.7 kN 1731 lbf	5.0 kN 1124 lbf

Dimensions in: millimeters - inches

* Testing according to DIN EN 13155

Specification

3

- Steel **ST**
Pin / shackle
- Heat-treated
- Manganese phosphated
- Stainless steel **NI**
- Pin, AISI 630
Precipitation hardened
- Shackle, AISI 316Ti
- Threaded segments
- Stainless steel AISI 630
- Precipitation hardened
- Push button
Aluminum, orange anodized
- Spring
Stainless steel
- *Stainless Steel Characteristics* → page QVX
- RoHS compliant

Information

Threaded lifting pins GN 1133 are support elements designed for quick and easy use. Pressing the operating button unlocks the threaded segments, allowing the pin to be moved in or out of the mounting thread. This eliminates the time-consuming process of screwing in or out encountered with typical lifting gear, such as lifting eye bolts.

Assuming sufficient material strength, only true-to-gauge threaded holes are required to make use of the threaded lifting pins.

The shackle swivels 180°, with a safety bar protecting the button from unintentional operation.

For further application guidelines, see the operating instructions enclosed with every threaded lifting pin (→ www.jwwinco.com/service).

How to order

1 2 3
GN 1133-1/2x13-0.669-ST

- 1 Thread d₁
- 2 Length l₁
- 3 Material