



SS Stainless Steel

Specification

- Steel **ST**
 - Pin / shackle
 - Heat-treated
 - Manganese phosphated
- Stainless steel **NI**
 - Pin
 - AISI 630
 - Precipitation hardened
 - Shackle
 - AISI 316Ti
- Push button
- Aluminum, red anodized finish
- Spring
- Stainless steel
- *Stainless Steel Characteristics* → page 2143
- *RoHS compliant*

Accessory

- Holding bushings GN 1132 → page 1604

Information

GN 1130 lifting pins are designed for fast and easy use. Pressing the red aluminum button will release the locking balls, allowing the pin to be moved in or out of the location hole. The shackle can be rotated by at least 180°, with a safety flange fitted as a safeguard against inadvertent operation. Depending on the tension direction, the lifting pin can be freely rotated by 360° in the location hole.

Lifting gear that remains permanently on the workpiece, e.g. lifting eye bolts, is no longer required. With appropriate material strength, location holes with d_1 H11 are sufficient for use. GN 1132 holding bushings are also available for use with these lifting pins.

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

How to order

GN 1130-8-10-ST

1	Pin diameter d_1
2	Length l_1
3	Material

Metric table

Dimensions in: millimeters - inches

1 d ₁ <small>-0.04 -0.06</small>	2 l ₁ +1	d ₂	d ₃	d ₄ min.	h ₁	h ₂	h ₃	h ₄	k ₁	k ₂	k ₃	l ₂	x min.	y	Nominal load *		
															F ₁	F ₂	F ₃
8 0.31	10 0.39	9.35 0.37	21.5 0.85	9.9 0.39	87.5 3.44	38.5 1.52	25.7 1.01	27 1.06	9.5 0.37	49 1.93	30 1.18	8.75 0.34	5 0.20	1.5 0.06	1.5 kN 337 lbf	1.2 kN 270 lbf	0.5 kN 112 lbf
8 0.31	15 0.59	9.35 0.37	21.5 0.85	9.9 0.39	87.5 3.44	38.5 1.52	25.7 1.01	27 1.06	9.5 0.37	49 1.93	30 1.18	8.75 0.34	5 0.20	1.5 0.06	1.5 kN 337 lbf	1.2 kN 270 lbf	0.5 kN 112 lbf
8 0.31	25 0.98	9.35 0.37	21.5 0.85	9.9 0.39	87.5 3.44	38.5 1.52	25.7 1.01	27 1.06	9.5 0.37	49 1.93	30 1.18	8.75 0.34	10 0.39	1.5 0.06	1.5 kN 337 lbf	1.2 kN 270 lbf	0.5 kN 112 lbf
8 0.31	35 1.38	9.35 0.37	21.5 0.85	9.9 0.39	87.5 3.44	38.5 1.52	25.7 1.01	27 1.06	9.5 0.37	49 1.93	30 1.18	8.75 0.34	20 0.79	1.5 0.06	1.5 kN 337 lbf	1.2 kN 270 lbf	0.5 kN 112 lbf
10 0.39	15 0.59	11.7 0.46	21.5 0.85	12.2 0.48	87.5 3.44	38.5 1.52	25.7 1.01	27 1.06	9.5 0.37	49 1.93	30 1.18	10.2 0.40	5 0.20	1.5 0.06	2.7 kN 607 lbf	2.4 kN 540 lbf	2.1 kN 472 lbf
10 0.39	25 0.98	11.7 0.46	21.5 0.85	12.2 0.48	87.5 3.44	38.5 1.52	25.7 1.01	27 1.06	9.5 0.37	49 1.93	30 1.18	10.2 0.40	15 0.59	1.5 0.06	2.7 kN 607 lbf	2.4 kN 540 lbf	2.1 kN 472 lbf
10 0.39	35 1.38	11.7 0.46	21.5 0.85	12.2 0.48	87.5 3.44	38.5 1.52	25.7 1.01	27 1.06	9.5 0.37	49 1.93	30 1.18	10.2 0.40	25 0.98	1.5 0.06	2.7 kN 607 lbf	2.4 kN 540 lbf	2.1 kN 472 lbf
10 0.39	50 1.97	11.7 0.46	21.5 0.85	12.2 0.48	87.5 3.44	38.5 1.52	25.7 1.01	27 1.06	9.5 0.37	49 1.93	30 1.18	10.2 0.40	40 1.57	1.5 0.06	2.7 kN 607 lbf	2.4 kN 540 lbf	2.1 kN 472 lbf
12 0.47	15 0.59	14.2 0.56	21.5 0.85	14.7 0.58	87.5 3.44	38.5 1.52	25.7 1.01	27 1.06	9.5 0.37	49 1.93	30 1.18	11 0.43	5 0.20	1.5 0.06	3.5 kN 787 lbf	3.2 kN 719 lbf	2.8 kN 629 lbf
12 0.47	25 0.98	14.2 0.56	21.5 0.85	14.7 0.58	87.5 3.44	38.5 1.52	25.7 1.01	27 1.06	9.5 0.37	49 1.93	30 1.18	11 0.43	10 0.39	1.5 0.06	3.5 kN 787 lbf	3.2 kN 719 lbf	2.8 kN 629 lbf
12 0.47	35 1.38	14.2 0.56	21.5 0.85	14.7 0.58	87.5 3.44	38.5 1.52	25.7 1.01	27 1.06	9.5 0.37	49 1.93	30 1.18	11 0.43	20 0.79	1.5 0.06	3.5 kN 787 lbf	3.2 kN 719 lbf	2.8 kN 629 lbf
12 0.47	50 1.97	14.2 0.56	21.5 0.85	14.7 0.58	87.5 3.44	38.5 1.52	25.7 1.01	27 1.06	9.5 0.37	49 1.93	30 1.18	11 0.43	35 1.38	1.5 0.06	3.5 kN 787 lbf	3.2 kN 719 lbf	2.8 kN 629 lbf
16 0.63	25 0.98	18.6 0.73	25 0.98	19.2 0.76	92.8 3.65	47.5 1.87	31 1.22	27 1.06	9.5 0.37	49 1.93	30 1.18	15.1 0.59	10 0.39	1.5 0.06	4.8 kN 1079 lbf	4.5 kN 1012 lbf	4.1 kN 922 lbf
16 0.63	50 1.97	18.6 0.73	25 0.98	19.2 0.76	92.8 3.65	47.5 1.87	31 1.22	27 1.06	9.5 0.37	49 1.93	30 1.18	15.1 0.59	15 0.59	1.5 0.06	4.8 kN 1079 lbf	4.5 kN 1012 lbf	4.1 kN 922 lbf
16 0.63	75 2.95	18.6 0.73	25 0.98	19.2 0.76	92.8 3.65	47.5 1.87	31 1.22	27 1.06	9.5 0.37	49 1.93	30 1.18	15.1 0.59	35 1.38	1.5 0.06	4.8 kN 1079 lbf	4.5 kN 1012 lbf	4.1 kN 922 lbf
20 0.79	50 1.97	24.5 0.96	30 1.18	25 0.98	114 4.49	55.9 2.20	36.5 1.44	32.6 1.28	11 0.43	56 2.20	36 1.42	19.7 0.78	25 0.98	1.5 0.06	10 kN 2248 lbf	8.5 kN 1911 lbf	6.5 kN 1461 lbf
20 0.79	75 2.95	24.5 0.96	30 1.18	25 0.98	114 4.49	55.9 2.20	36.5 1.44	32.6 1.28	11 0.43	56 2.20	36 1.42	19.7 0.78	45 1.77	1.5 0.06	10 kN 2248 lbf	8.5 kN 1911 lbf	6.5 kN 1461 lbf

* Testing according to DIN EN 13155

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3.2
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