**GN 1135** 

## Threaded Lifting Pins Steel / Stainless Steel, Self-Locking, with Rotating Shackle



3.1

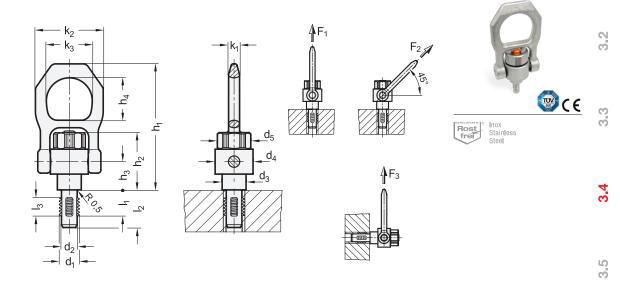
3.6

3.7

0 . 0

3.9

1



V	2																	
d <sub>1</sub>	I <sub>1</sub>	<b>d</b> <sub>2</sub> -0,07	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	h <sub>1</sub>	h <sub>2</sub>	h₃	h <sub>4</sub>	<b>k</b> 1	k <sub>2</sub>	k3	l <sub>2</sub>	l <sub>3</sub>	Max. torque in Nm	Nomina F <sub>1</sub>	al load in F <sub>2</sub>	kN * F <sub>3</sub>
M 8	12	6,62	20	38	33,5	123,7	54,9	25,7	42,5	11	68	46	17,8	8	2	2,1	0,9	0,8
M 10	14	8,35	20	38	33,5	123,7	54,9	25,7	42,5	11	68	46	20	10	2	3,9	1,5	1,5
M 12	17	10,07	20	38	33,5	123,7	54,9	25,7	42,5	11	68	46	24	12	2	6,2	2,5	2,3
M 16	17	13,8	20	38	33,5	123,7	54,9	25,7	42,5	11	68	46	24	12	2	8,4	4,5	4,2
M 20	22	17,25	35	59	50	167,5	73,7	36,5	55,6	15,5	102	70	30	17	3	16,6	7,7	5

\* Testing according to DIN EN 13155

Specification	3
Pin	
Steel	ST
Heat-treated, manganese phosphated • Stainless steel AISI 630 Precipitation hardened	NI
Shackle	
Steel at ST	
Heat-treated, manganese phosphated	
<ul> <li>Stainless steel AISI 316Ti at NI</li> </ul>	
Threaded segments Stainless steel AISI 630 Precipitation-hardened	
Push button	
Aluminum, red anodized	
Spring	
Stainless steel	
RoHS	

Threaded lifting pins GN 1135 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 by 180°, fully rotates around the pin and always aligns itself in the direction of load without causing the pin to turn. This prevents the threaded lifting pin from being screwed out of the thread and the work-piece can be lifted safely. A safety bar protects the button from unintentional operation.

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

	with every threaded ming pin (gantemorn.com/en/service).		0
<b>Spring</b> Stainless steel	Technical Information	Page	
RoHS	Stainless Steel Characteristics	QVX	

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GN 1135-M16-17-NI	3	Material	