



d ₁	l ₁	d ₂ -0,07	d ₃	d ₄	d ₅	h ₁	h ₂	h ₃	h ₄	k ₁	k ₂	k ₃	l ₂	l ₃	Max. torque in Nm	Nominal load in kN *		
																F ₁	F ₂	F ₃
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	NI	
Precipitation hardened		
Shackle		
• Steel at ST		
Heat-treated, manganese phosphated		
• Stainless steel AISI 316Ti at NI		
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).

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GN 1135-M16-17-NI		