

Threaded Lifting Pins • self-locking, for centre hole according to DIN 332 EH 22352.



Product Description

This threaded lifting pin is used when there is a threaded hole with a counterbore according to DIN 332.

Heavy-duty lifting element for quick and easy use, with moveable shackle and locking stud to provide protection against unintentional unlocking. For lifting loads, the threaded lifting pin is inserted into a threaded hole. In contrast to a ringbolt, time-consuming screwing in and out is therefore unnecessary.

All versions are corrosion-protected. The version made from stainless steel is also resistant to corrosion and weathering, so it is also suitable for external use. In addition, the high-strength, precipitation-hardened pin makes extreme loads possible.

Material

Pin part

- Heat-treated steel, tempered, manganese phosphated
- Stainless steel 1.4542, precipitation-hardened

Press button

- Aluminium, orange, anodised

Threaded element

- Stainless steel 1.4542, precipitation-hardened

Shackle

- Heat-treated steel, tempered, manganese phosphated
- Stainless steel 1.4571

Spring

- Stainless Steel

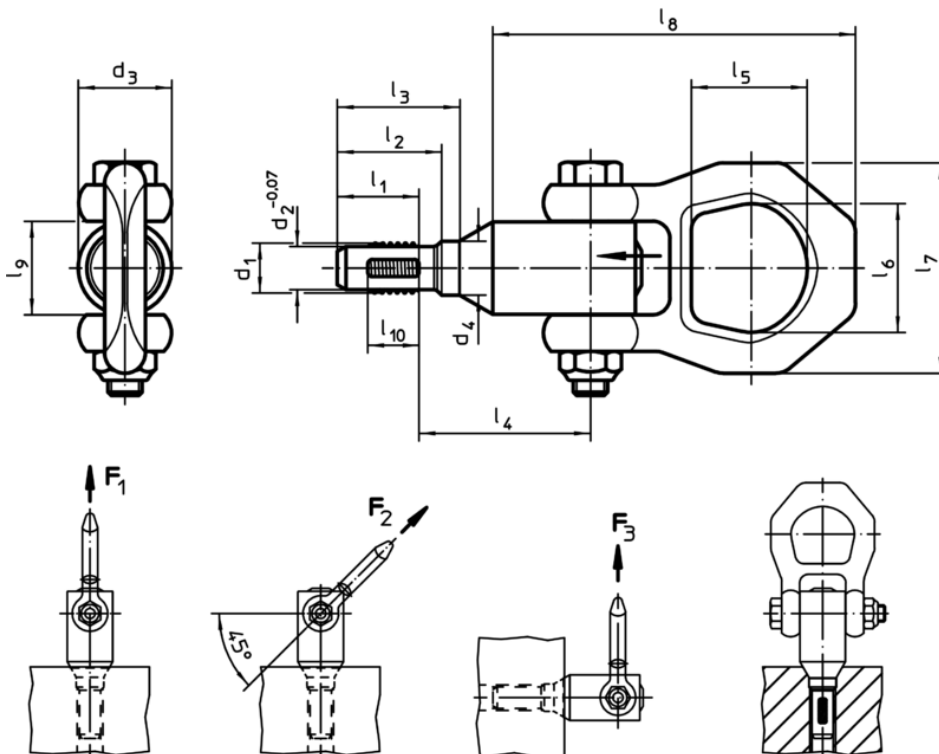
Assembly

Each threaded lifting pin contains an instruction manual with an EC Declaration of Conformity. For insertion into threads.

Operation

The threaded elements are unlocked by pressing the button.

Drawing



Order information

Dimensions														Load capacity ¹⁾			Locating thread	max.		Art. No.	
d ₁	l ₁	d ₂	d ₃	d ₄	l ₂	l ₃	l ₄	l ₅	l ₆	l ₇	l ₈	l ₉	l ₁₀	F ₁	F ₂	F ₃	[mm]	[°C]	[g]		
[mm]														[kN]							
Heat-treated steel																					
M 8	13.9	6.62	21.5	8.1	17.6	19.5	34.6	27.0	30.0	49	110.3	21.5	8	2.1	0.9	0.8	M 8	250	218	22352.2008	
M10	16.0	8.35	21.5	10.2	20.0	22.9	36.4	27.0	30.0	49	114.3	21.5	10	3.9	1.5	1.5	M10	250	227	22352.2010	
M12	24.0	10.07	21.5	12.7	24.0	28.1	39.1	27.0	30.0	49	120.0	21.5	12	6.2	2.5	2.3	M12	250	239	22352.2012	
M16	19.0	13.80	21.5	16.7	25.0	30.5	42.3	27.0	30.0	49	123.2	21.5	12	8.4	4.5	4.2	M16	250	265	22352.2016	
M20	25.0	17.75	30.0	20.7	31.8	39.1	53.7	32.6	36.0	56	156.3	30.0	17	16.6	7.7	5.8	M20	250	547	22352.2020	
M24	31.0	20.70	36.0	24.7	38.9	47.3	61.4	50.6	49.8	82	202.2	36.0	22	23.0	11.1	8.6	M24	250	1226	22352.2024	
stainless steel																					
M 8	13.9	6.62	21.5	8.1	17.6	19.5	34.6	27.0	30.0	49	110.3	21.5	8	2.1	0.9	0.8	M 8	250	218	22352.3008	
M10	16.0	8.35	21.5	10.2	20.0	22.9	36.4	27.0	30.0	49	114.3	21.5	10	3.9	1.5	1.5	M10	250	227	22352.3010	
M12	24.0	10.07	21.5	12.7	24.0	28.1	39.1	27.0	30.0	49	120.0	21.5	12	6.2	2.5	2.3	M12	250	239	22352.3012	
M16	19.0	13.80	21.5	16.7	25.0	30.5	42.3	27.0	30.0	49	123.2	21.5	12	8.4	4.5	4.2	M16	250	265	22352.3016	
M20	25.0	17.75	30.0	20.7	31.8	39.1	53.7	32.6	36.0	56	156.3	30.0	17	10.0	7.7	5.8	M20	250	547	22352.3020	
M24	31.0	20.70	36.0	24.7	38.9	47.3	61.4	50.6	49.8	82	202.2	36.0	22	23.0	11.1	8.6	M24	250	1226	22352.3024	

¹⁾ for a 5-fold safety against breakage

Application example

