Threaded Lifting Pins· self-locking
EH 22352.

Product Description

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

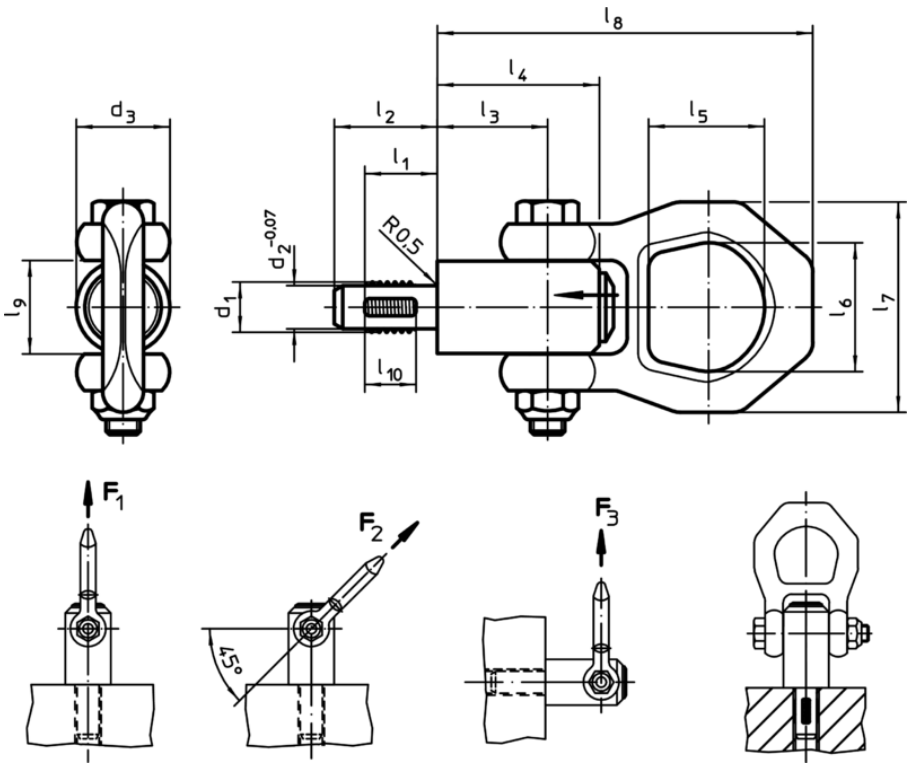
The threaded elements are unlocked by pressing the button.

More information

Further products

- Lifting Pins, self-locking
- Lifting Pins, self-locking, stainless steel

Drawing

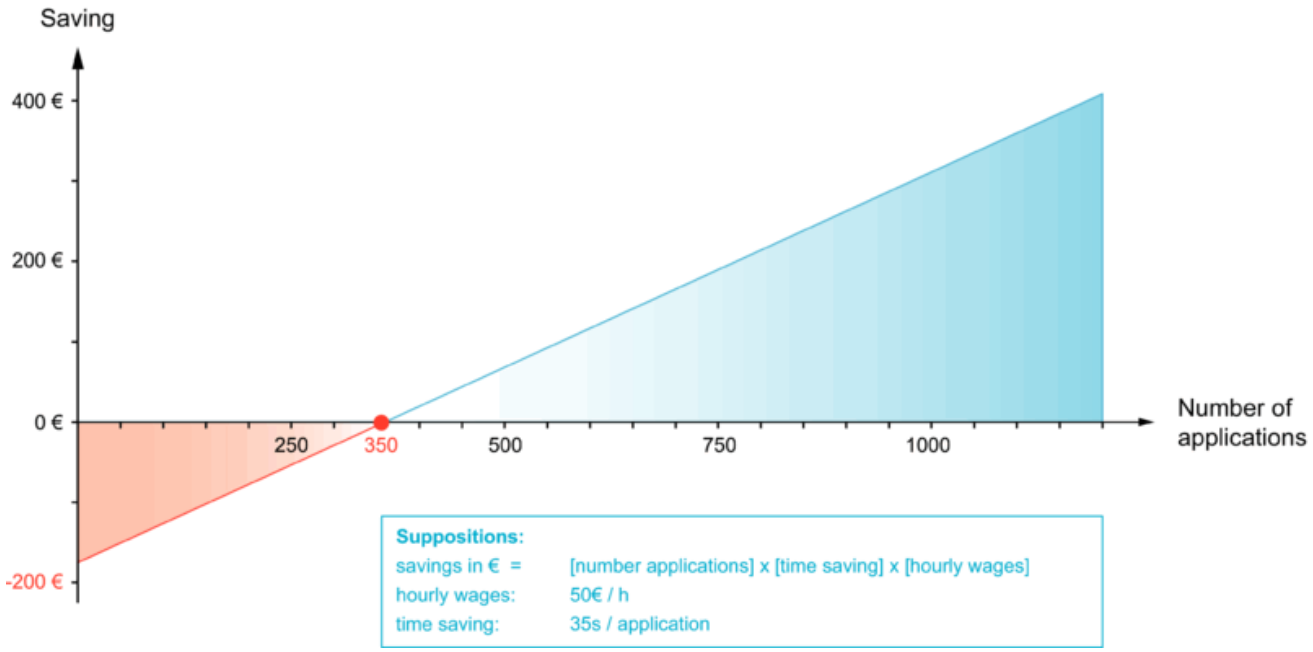


Order information

Dimensions													Carrying force[1]			Female thread	max.		Art. No.
d_1	l_1	d_2 -0.07	d_3	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]													[kN]			[mm]	[°C]	[g]	
Heat-treated steel																			
M 8	**12**	6.62	21.5	17.8	25.7	36	27	30	49	87.5	21.5	8	2.1	0.9	0.8	M 8	250	217	22352.0008
M10	**14**	8.35	21.5	20.0	25.7	36	27	30	49	87.5	21.5	10	3.9	1.5	1.5	M10	250	218	22352.0010
M12	**17**	10.07	21.5	24.0	25.7	36	27	30	49	87.5	21.5	12	6.2	2.5	2.3	M12	250	220	22352.0012
M16	**17**	13.80	21.5	24.0	25.7	36	27	30	49	87.5	21.5	12	8.4	4.5	4.2	M16	250	223	22352.0016
stainless steel																			
M 8	**12**	6.62	21.5	17.8	25.7	36	27	30	49	87.5	21.5	8	2.1	0.9	0.8	M 8	250	217	22352.1008
M10	**14**	8.35	21.5	20.0	25.7	36	27	30	49	87.5	21.5	10	3.9	1.5	1.5	M10	250	218	22352.1010
M12	**17**	10.07	21.5	24.0	25.7	36	27	30	49	87.5	21.5	12	6.2	2.5	2.3	M12	250	220	22352.1012
M16	**17**	13.80	21.5	24.0	25.7	36	27	30	49	87.5	21.5	12	8.4	4.5	4.2	M16	250	223	22352.1016

[1] for a 5-fold safety against breakage

Application example



Suppositions:

savings in € =	[number applications] x [time saving] x [hourly wages]
hourly wages:	50€ / h
time saving:	35s / application