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Threaded Lifting Pins • self-locking, for centre holes 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.
Both versions are corrosion-protected. The version made of 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

Threaded lifting pins can be mounted into a thread that is true to gauge.

Mounting:
1. Press in the button and hold it down.
2. Insert the threaded lifting pin.
3. Release the button (The button must be back in its original position.).
4. Tighten the threaded lifting pin by hand, until it bears compleately on the bearing surface.
5. It must be ensured that the threaded segments are engaged in the mounting thread.

Dismantling:
1. Unscrew the threaded lifting pin approx. a quarter of a turn anticlockwise.
2. Press in the button and hold it down.
3. Remove the threaded lifting pin.
4. Release the button.

Operation

Each threaded lifting pin contains an instruction manual with an EC Declaration of Conformity.

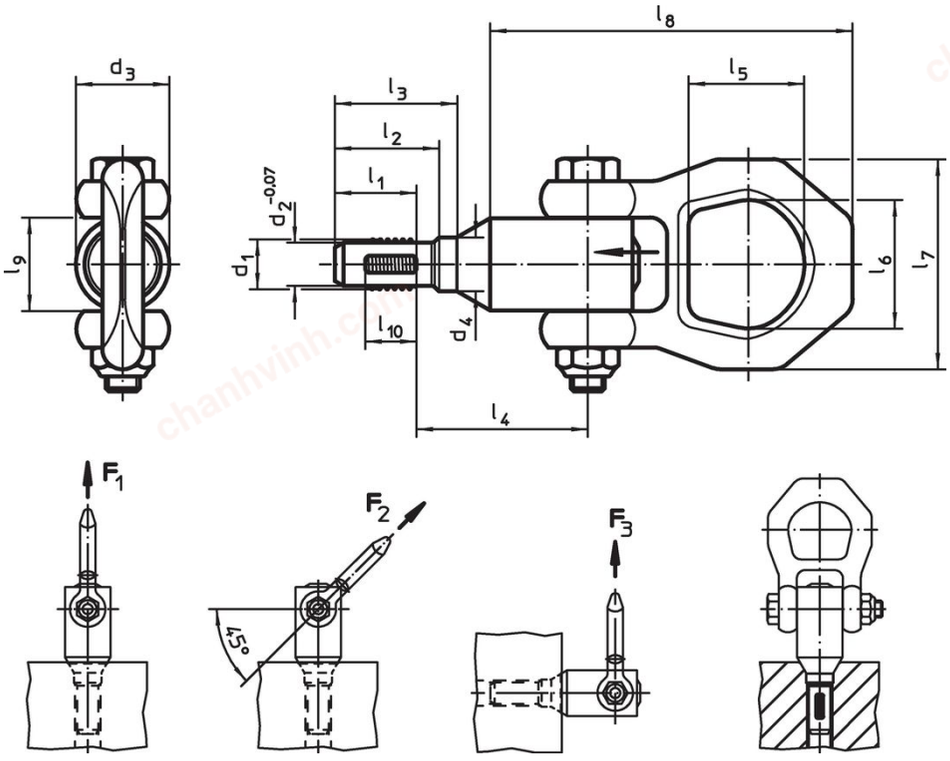
More information

Further products

- Lifting Pins, self-locking, pneumatically operated
- Lifting Pins, self-locking, pneumatically operated, stainless steel
- Lifting Pins, self-locking
- Lifting Pins, self-locking, stainless steel
- Threaded Lifting Pins, self-locking
- Threaded Lifting Pins, self-locking, with rotatable shackle
- Threaded Lifting Pins, self-locking - INCH
- Threaded Lifting Pins, self-locking, with rotatable shackle - INCH

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Drawing



Order information

Dimensions														Load capacity according to DIN EN 13155			Locating thread			Art. No.
d_1	l_1	d_2 -0.07	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		max.		
[mm]														[kN]			[mm]	[°C]		
Heat-treated steel																				
M 8	**13.9**	6.62	21.5	8.1	17.6	19.5	34.6	27.0	30.0	49	82.3	21.5	8	2.1	0.9	0.8	M 8	250	272.0 g	22352.2008
M10	**16.0**	8.35	21.5	10.2	20.0	22.9	36.4	27.0	30.0	49	83.6	21.5	10	3.9	1.5	1.5	M10	250	277.0 g	22352.2010
M12	**19.0**	10.07	21.5	12.7	24.0	28.1	39.1	27.0	30.0	49	84.3	21.5	12	6.2	2.5	2.3	M12	250	291.0 g	22352.2012
M16	**19.0**	13.80	21.5	16.7	25.0	30.5	42.3	27.0	30.0	49	88.5	21.5	12	8.4	4.5	4.2	M16	250	317.0 g	22352.2016
M20	**25.0**	17.75	30.0	20.7	31.8	39.1	53.7	32.6	36.0	56	109.2	30.0	17	16.6	7.7	5.8	M20	250	666.0 g	22352.2020
M24	**31.0**	20.70	36.0	24.7	38.9	47.3	61.4	50.6	49.8	82	145.4	36.0	22	23.0	11.1	8.6	M24	250	1.2 kg	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	82.3	21.5	8	2.1	0.9	0.8	M 8	250	276.0 g	22352.3008
M10	**16.0**	8.35	21.5	10.2	20.0	22.9	36.4	27.0	30.0	49	83.6	21.5	10	3.9	1.5	1.5	M10	250	284.0 g	22352.3010
M12	**19.0**	10.07	21.5	12.7	24.0	28.1	39.1	27.0	30.0	49	84.3	21.5	12	6.2	2.5	2.3	M12	250	291.0 g	22352.3012
M16	**19.0**	13.80	21.5	16.7	25.0	30.5	42.3	27.0	30.0	49	88.5	21.5	12	8.4	4.5	4.2	M16	250	269.0 g	22352.3016
M20	**25.0**	17.75	30.0	20.7	31.8	39.1	53.7	32.6	36.0	56	109.2	30.0	17	10.0	7.7	5.8	M20	250	555.0 g	22352.3020
M24	**31.0**	20.70	36.0	24.7	38.9	47.3	61.4	50.6	49.8	82	145.4	36.0	22	23.0	11.1	8.6	M24	250	1.3 kg	22352.3024

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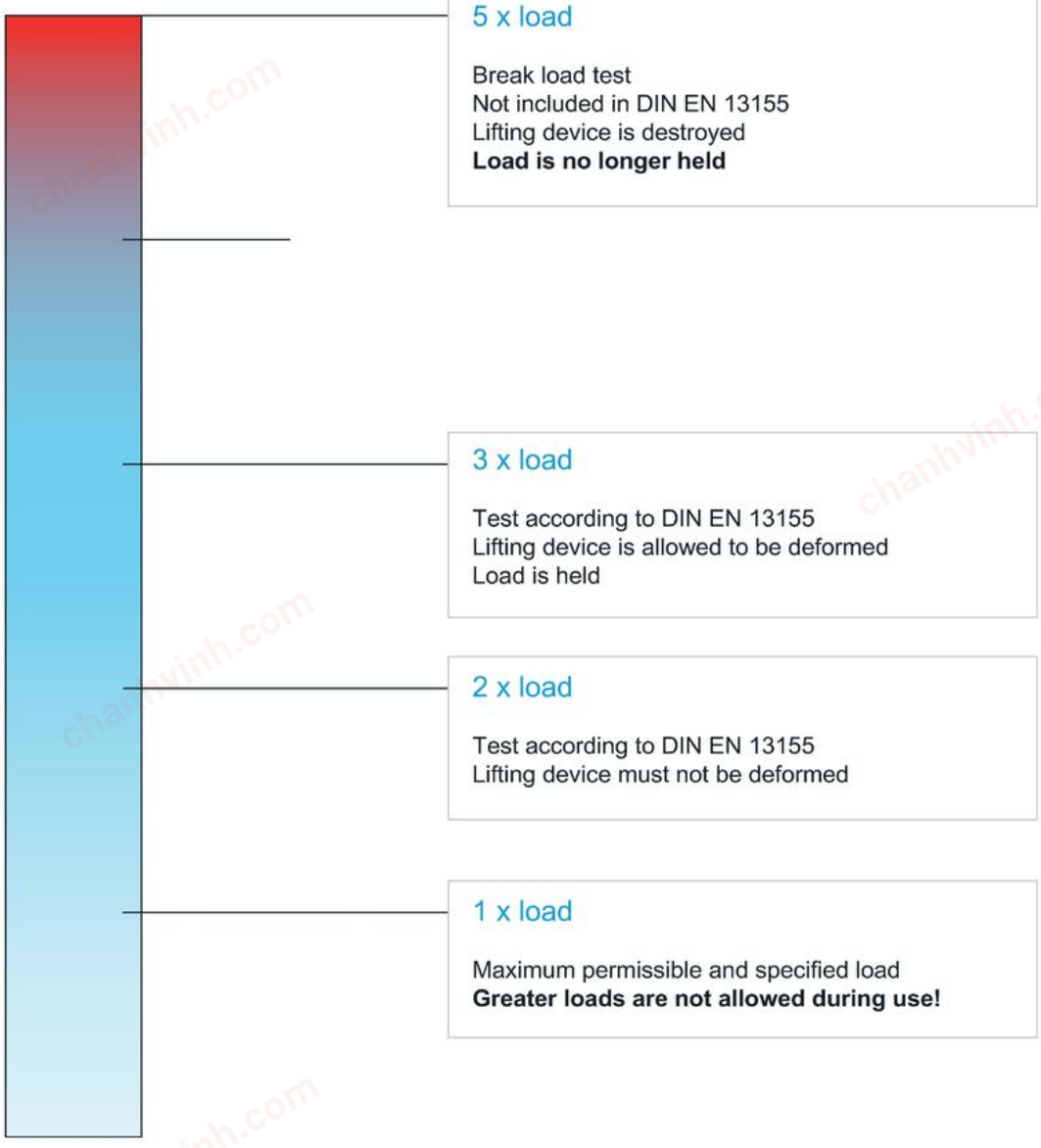
Application example



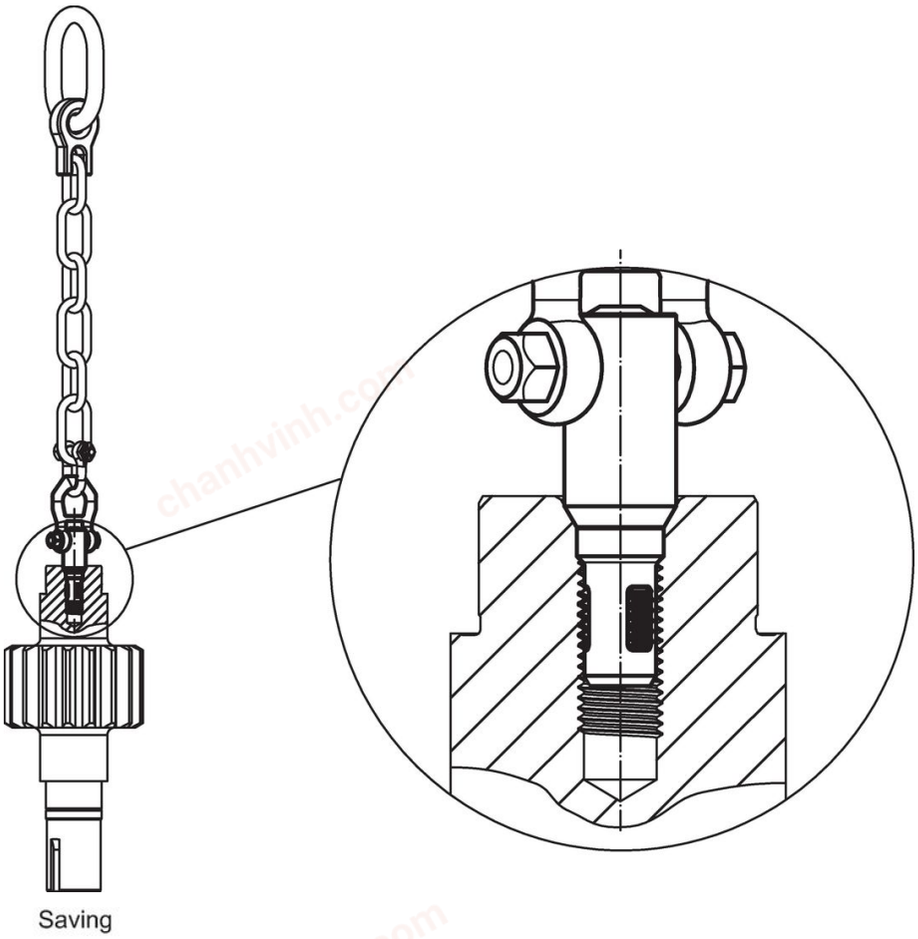
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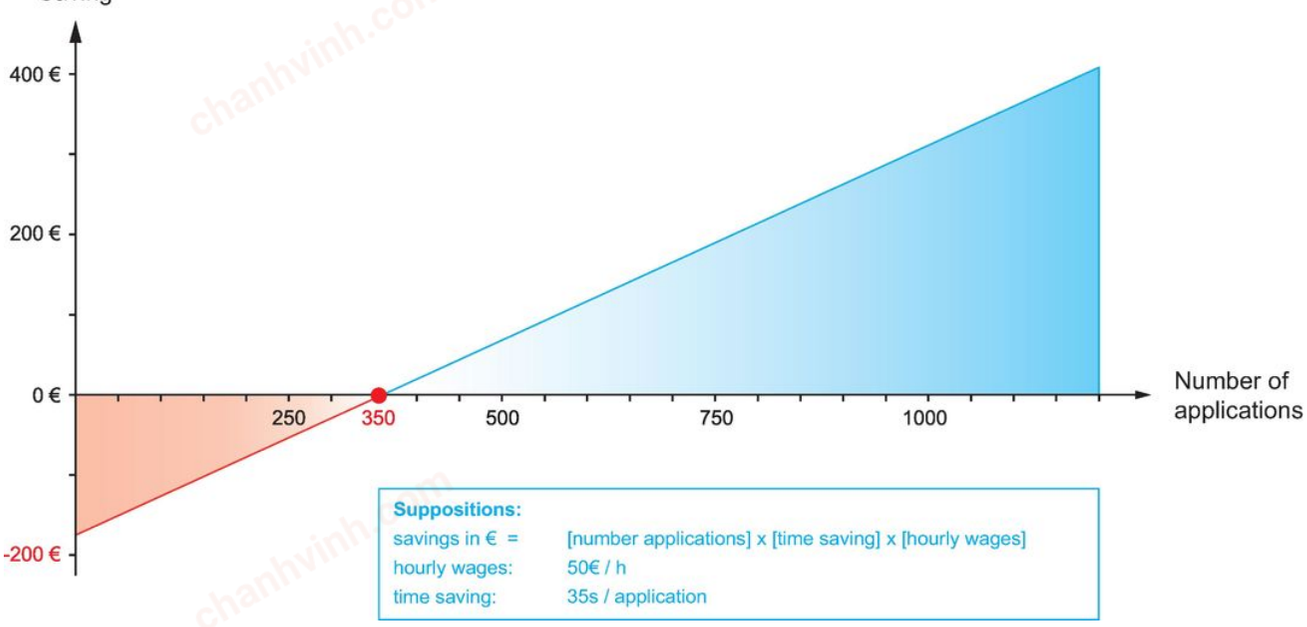
HALDER

Information on the load capacities



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Compliance

For detailed compliance information please select the desired article number.