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Threaded Lifting Pins • self-locking - INCH

EH 2B352.



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.
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

Notes

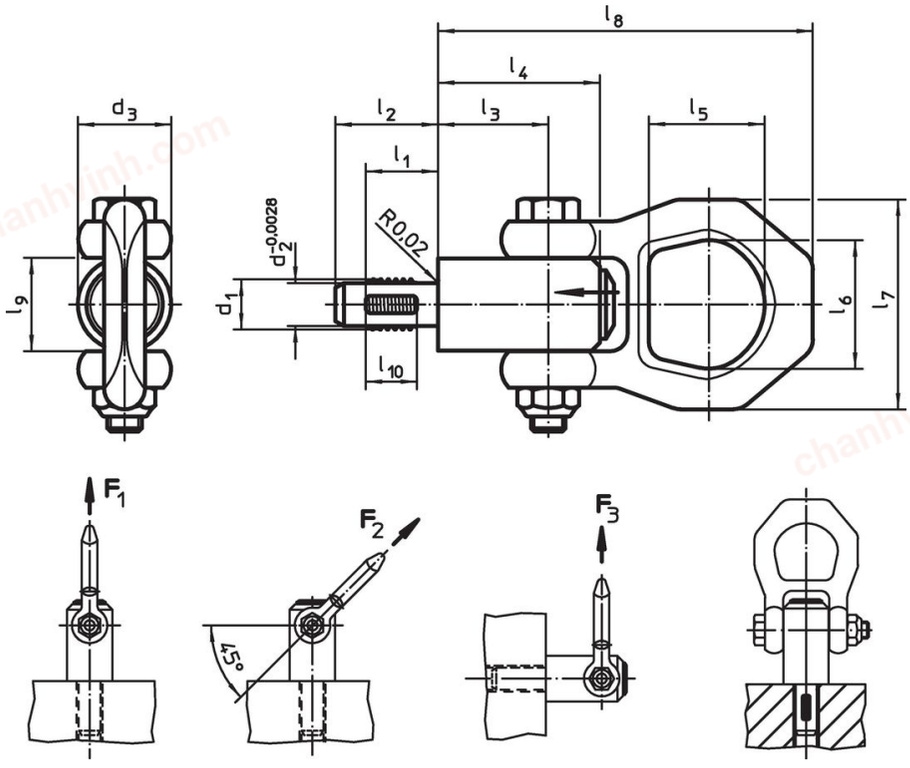
When loads are picked up with more than one threaded lifting pin (load directions F_2 and F_3), we recommended that you use the rotating version EH 22353./EH 2B353. to ensure use that is in line with application requirements.
- This product is manufactured in INCH dimensions.

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, for centre holes according to DIN 332
- Threaded Lifting Pins, self-locking, with rotatable shackle
- Threaded Lifting Pins, self-locking, with rotatable shackle - INCH

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Drawing

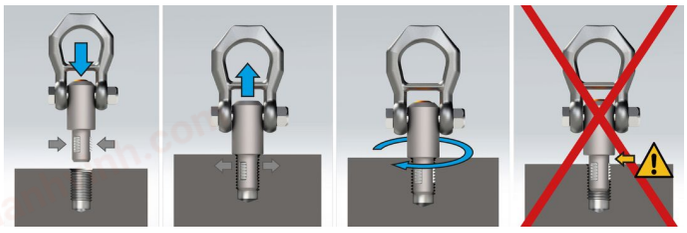


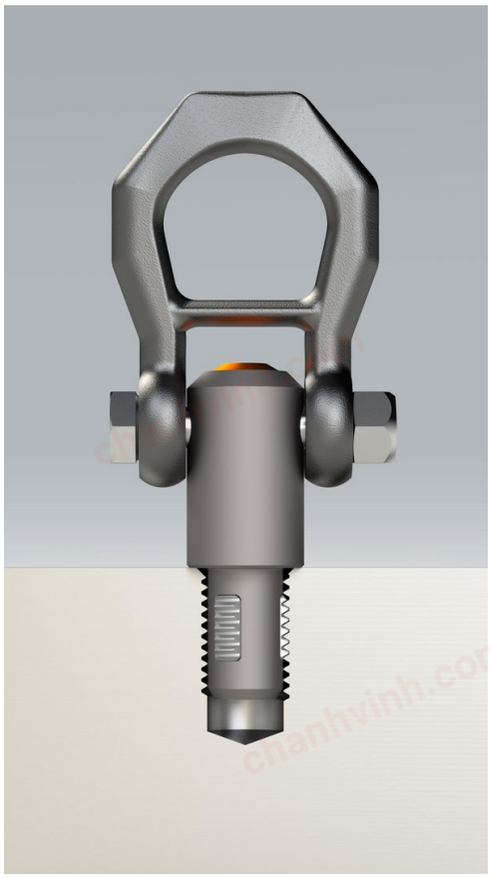
Order information

Dimensions													Load capacity according to DIN EN 13155			Locating thread			Art. No.
d_1	l_1	d_2 -0.0028	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		max.		
	[in]												[lbf]				[°F]		
Heat-treated steel																			
1/2-13	**0.669**	0.416	0.846	0.945	1.012	1.417	1.063	1.181	1.929	3.445	0.846	0.472	1528	764	607	1/2-13	482	9.83 oz	2B352.0012
3/4-10	**0.866**	0.640	1.181	1.181	1.437	2.047	1.283	1.417	2.205	4.488	1.181	0.669	3619	1731	1281	3/4-10	482	18.08 oz	2B352.0020
1-8	**1.063**	0.863	1.417	1.417	1.654	2.362	1.992	1.961	3.228	5.984	1.417	0.866	6766	3147	2225	1-8	482	2.60 lb	2B352.0024
Stainless steel																			
1/2-13	**0.669**	0.416	0.846	0.945	1.012	1.417	1.063	1.181	1.929	3.445	0.846	0.472	1528	764	607	1/2-13	482	9.84 oz	2B352.1012
3/4-10	**0.866**	0.640	1.181	1.181	1.437	2.047	1.283	1.417	2.205	4.488	1.181	0.669	2248	1731	1281	3/4-10	482	18.25 oz	2B352.1020
1-8	**1.063**	0.863	1.417	1.417	1.654	2.362	1.992	1.961	3.228	5.984	1.417	0.866	6766	3147	2225	1-8	482	2.70 lb	2B352.1024

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Application example





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Information on the load capacities



5 x load*

Break load test
Not included in DIN EN 13155
Not tested by TÜV Süd
Lifting device is destroyed
Load is no longer held

3 x load

Test according to DIN EN 13155
Tested by TÜV Süd
Lifting device is allowed to be deformed
Load is held

2 x load

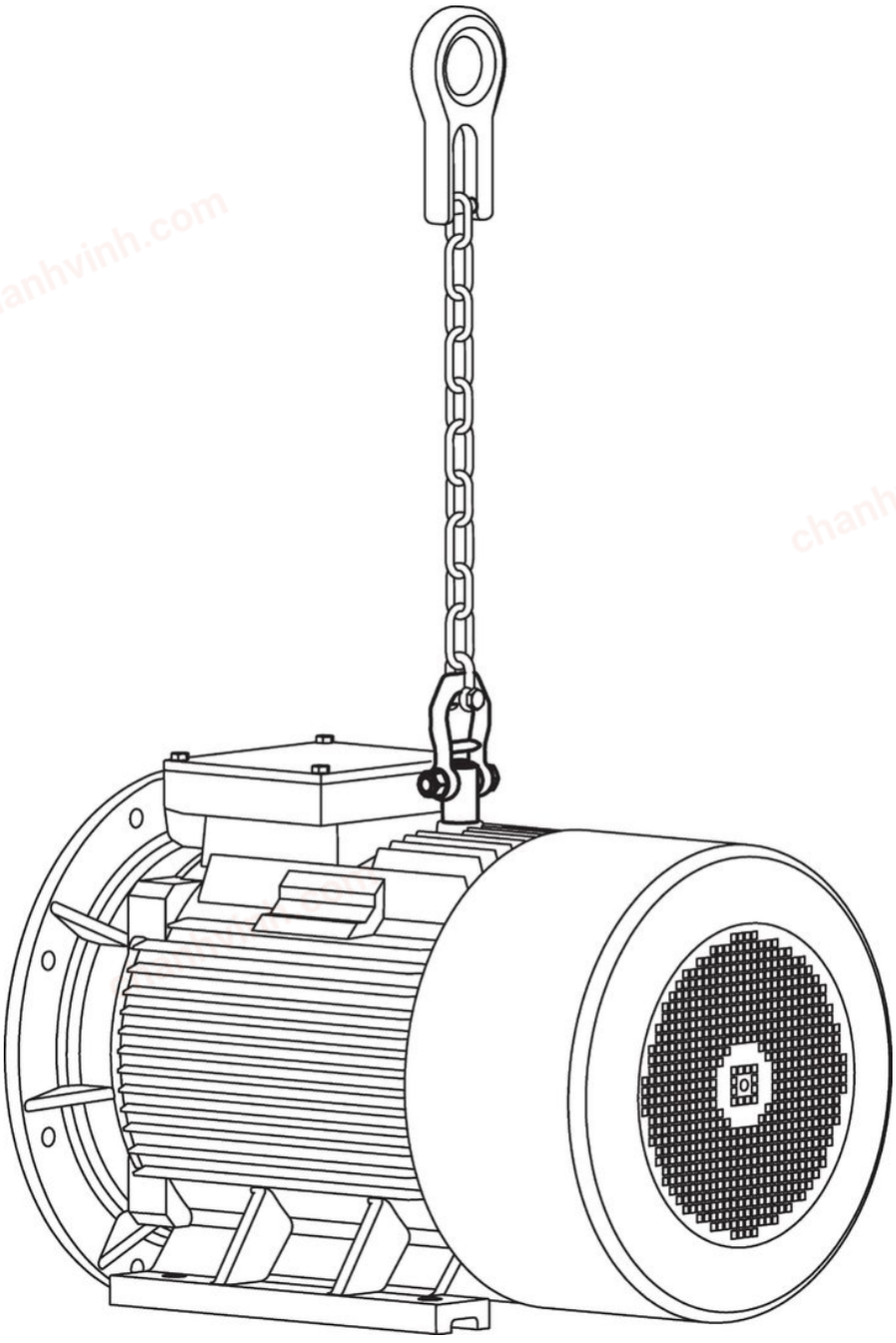
Test according to DIN EN 13155
Tested by TÜV Süd
Lifting device must not be deformed

1 x load

Maximum permissible and specified load
Greater loads are not allowed during use!

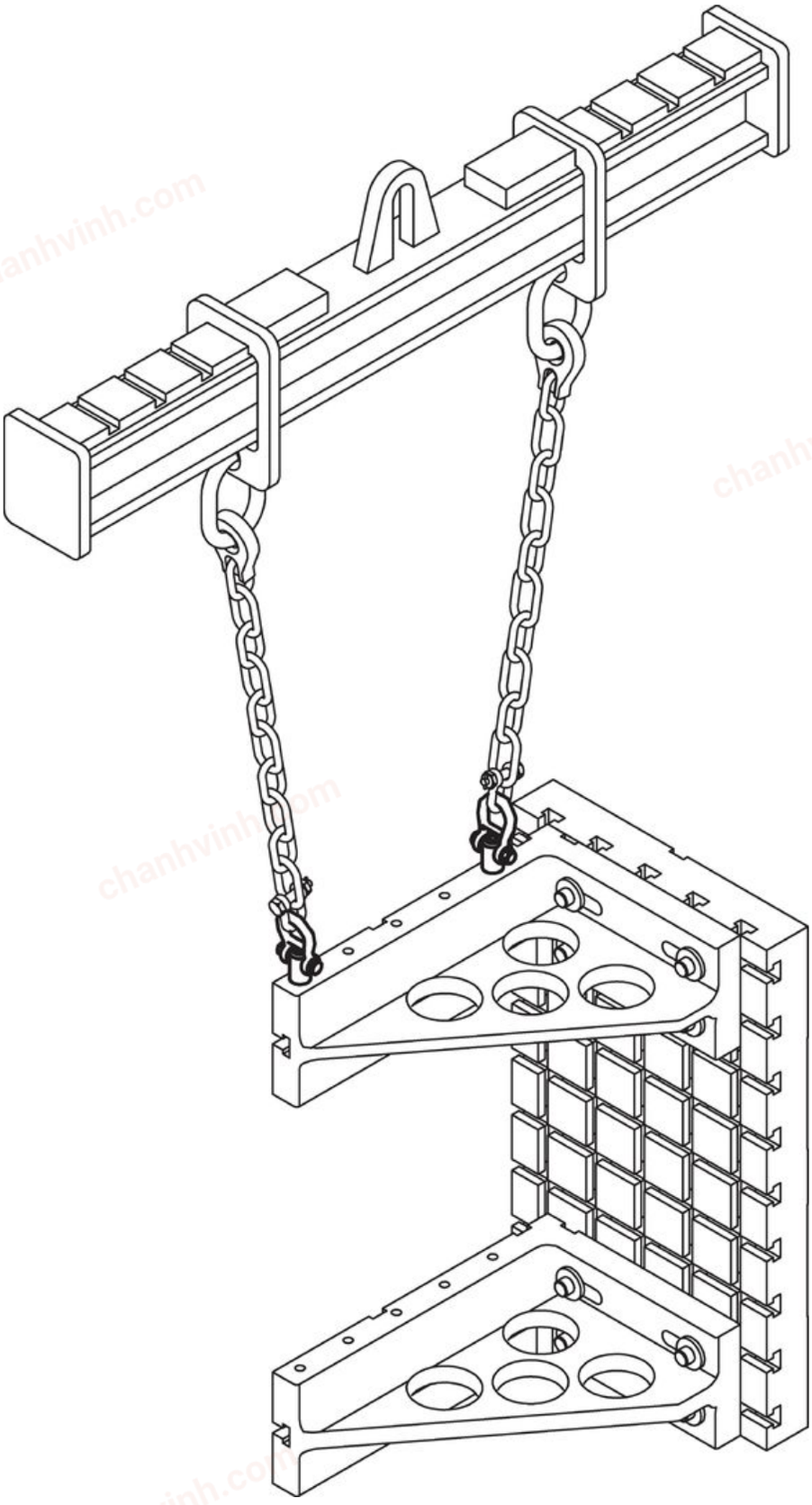
*For lifting pins, the specification 5 x load only applies to x min.

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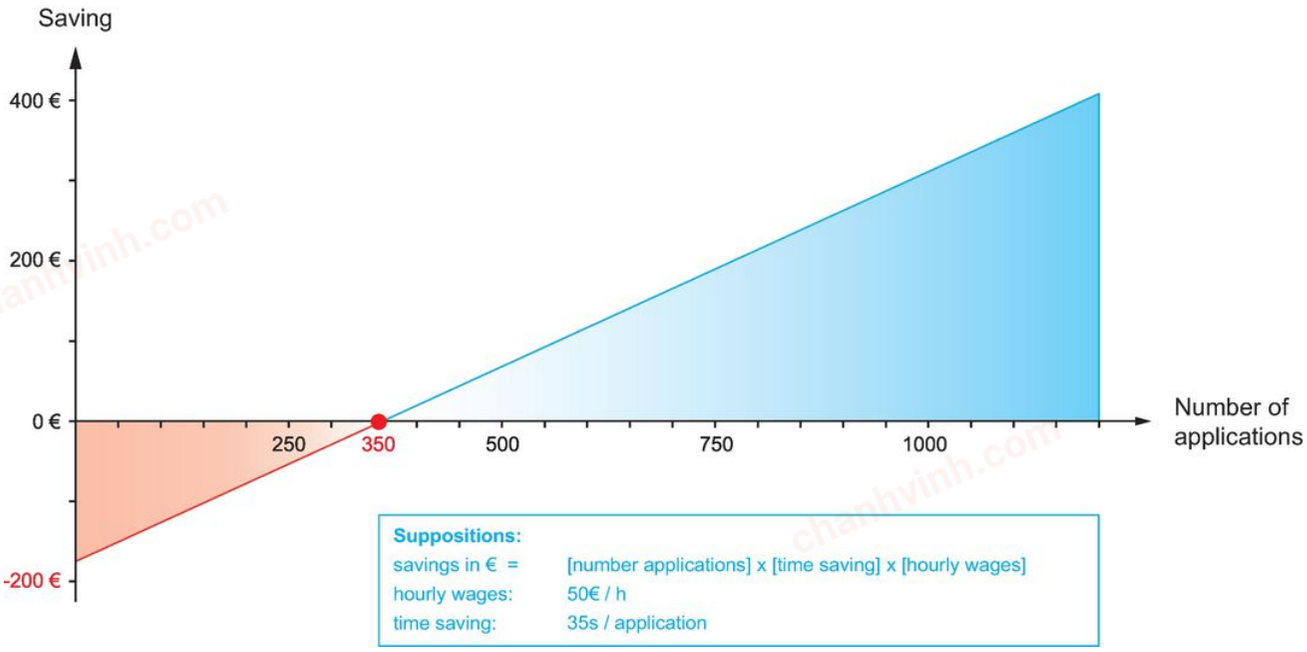


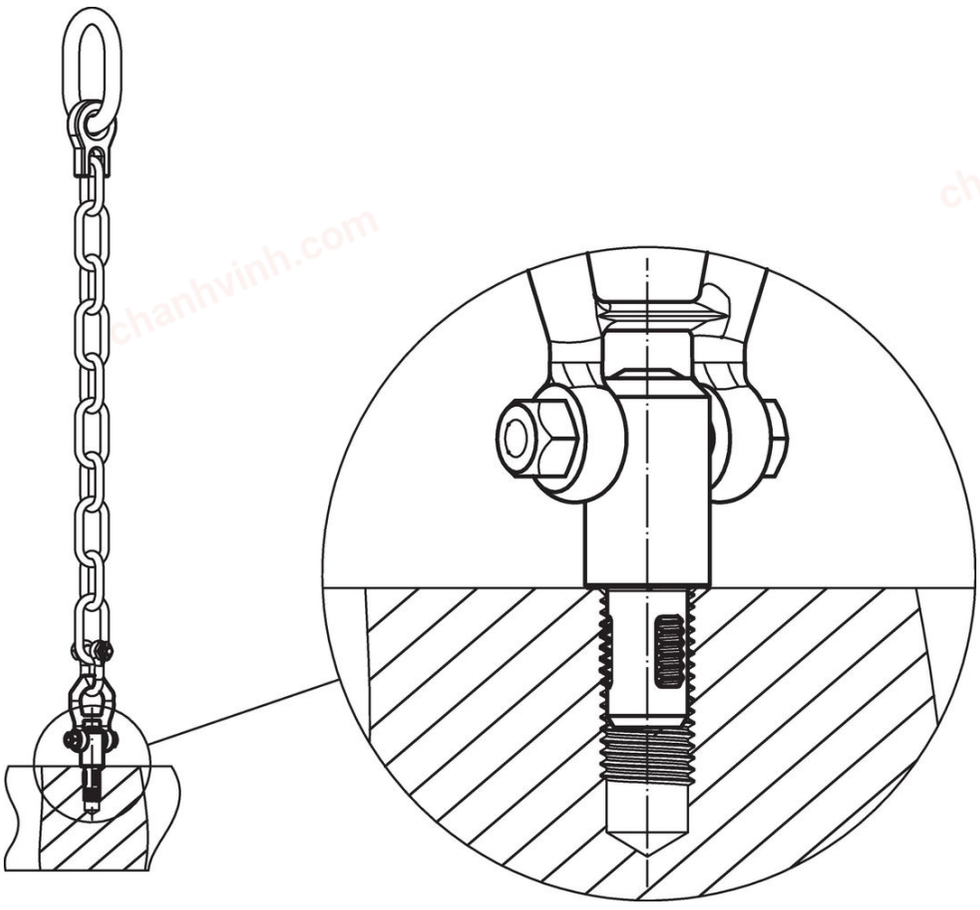
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Compliance

For detailed compliance information please select the desired article number.