Threaded Lifting Pins • self-locking, with rotatable shackle EH 22353.



Product Description

Heavy-duty lifting element for quick and easy use, with moveable, rotatable 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. The rotatable shackle will always align with the tensile direction of pull without the pin rotating. This prevents the load-handling device from being turned out of the thread and the component can be lifted safely.

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.

For version M24, please note: From 150°C linear decrease of the load capacity by 23%.

Material

Pin part

- Heat-treated steel, tempered, manganese
 phosphated
- Stainless steel 1.4542, precipitationhardened

Press button

· Aluminium, orange, anodised

Threaded element

 Stainless steel 1.4542, precipitationhardened

Shackle

- · Heat-treated steel, tempered, manganese
- phosphatedStainless steel 1.4571

· Stainless Steel

Spring

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.







Order information

	Dimensions														Load capacity ¹⁾			Locating		Tightening	I	Art. No.
d ₁	I1	d ₂ -0.07	d ₃	d4	d₅	l ₂	l ₃	I ₄	I ₅	I ₆	I ₇	I ₈	l ₉	I ₁₀	F1	F ₂	F ₃	thread	max.	torque max.		
	[mm]														[kN]			[mm]	[°C]	[Nm]	[g]	
Heat-treated steel																						
M 8	12	6.62	20	38	33.5	17.8	25.7	54.9	42.5	46	68	123.7	38	8	2.1	0.9	0.8	M 8	250	2	578	22353.0008
M10	14	8.35	20	38	33.5	20.0	25.7	54.9	42.5	46	68	123.7	38	10	3.9	1.5	1.5	M10	250	2	581	22353.0010
M12	17	10.07	20	38	33.5	24.0	25.7	54.9	42.5	46	68	123.7	38	12	6.2	2.5	2.3	M12	250	2	585	22353.0012
M16	17	13.80	20	38	33.5	24.0	25.7	54.9	42.5	46	68	123.7	38	12	8.4	4.5	4.2	M16	250	2	597	22353.0016
M20	22	17.25	35	56	50.0	30.0	36.5	73.7	55.6	70	102	167.5	59	17	16.6	7.7	5.0	M20	250	3	1789	22353.0020
M24	27	20.70	35	56	50.0	36.0	42.0	79.2	55.6	70	102	173.0	59	22	18.5	11.1	8.6	M24	250	3	1864	22353.0024
stainless steel																						
M 8	12	6.62	20	38	33.5	17.8	25.7	54.9	42.5	46	68	123.7	38	8	2.1	0.9	0.8	M 8	250	2	578	22353.1008
M10	14	8.35	20	38	33.5	20.0	25.7	54.9	42.5	46	68	123.7	38	10	3.9	1.5	1.5	M10	250	2	581	22353.1010
M12	17	10.07	20	38	33.5	24.0	25.7	54.9	42.5	46	68	123.7	38	12	6.2	2.5	2.3	M12	250	2	585	22353.1012
M16	17	13.80	20	38	33.5	24.0	25.7	54.9	42.5	46	68	123.7	38	12	8.4	4.5	4.2	M16	250	2	597	22353.1016
M20	22	17.25	35	56	50.0	30.0	36.5	73.7	55.6	70	102	167.5	59	17	16.6	7.7	5.0	M20	250	3	1789	22353.1020
M24	27	20.70	35	56	50.0	36.0	42.0	79.2	55.6	70	102	173.0	59	22	18.0	11.1	8.6	M24	250	3	1864	22353.1024

¹⁾ for a 5-fold safety against breakage

Application example



