

Ball-Ended Thrust Screws • headless, flat-faced ball and hexalobular socket

EH 22720.



Product Description

Ball-ended thrust screws can also be used for clamping, tightening or supporting of non-parallel surfaces.

The hexalobular drive enables an optimal load transmission. The driving forces are not transmitted by edges (e.g. with the internal hexagon) but by surfaces. Due to the optimal load transmission, the tool wear is reduced and, as a result of this, the tool life is increased.

Material

Ball

- Ball-bearing steel, hardened
- Stainless steel, hardened

Screw

- Heat-treated steel, $1200 \pm 100 \text{ N/mm}^2$
- Stainless steel 1.4305

More information

Notes

Ball not secured against rotating.
Customized design on request.

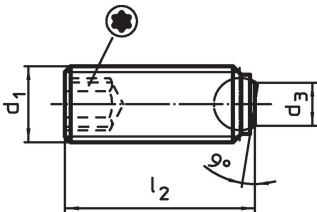
References

Thread lock on request, please refer to appendix - Technical Data -

Further products

- Ball-Ended Thrust Screws, headless, ball protected against rotating
- Ball-Ended Thrust Screws, headless, flat-faced ball
- Ball-Ended Thrust Screws, headless, round ball and hexalobular socket

Drawing



Order information

d ₁		l ₂		Dimensions		Ball diameter	Load capacity for static load ¹⁾ max. [kN]	max. [°C]	[g]	Art. No.
[mm]		[mm]		d ₃						
flat-faced ball, bearing surface plain, Heat-treated steel										
M4	5.6	1.8	2.5	8	3.5	250	0.3	22720.1542		
M4	9.6	1.8	2.5	8	3.5	250	0.6	22720.1544		
M5	7.5	2.2	3.0	10	4.5	250	0.7	22720.1552		
M5	11.5	2.2	3.0	10	4.5	250	1.2	22720.1554		
M6	10.0	3.2	4.0	15	9.0	250	1.4	22720.1562		
M6	16.0	3.2	4.0	15	9.0	250	2.4	22720.1564		
flat-faced ball, bearing surface plain, Stainless steel										
M4	5.6	1.8	2.5	8	3.5	250	0.3	22720.2542		
M4	9.6	1.8	2.5	8	3.5	250	0.6	22720.2544		
M5	7.5	2.2	3.0	10	4.5	250	0.7	22720.2552		
M5	11.5	2.2	3.0	10	4.5	250	1.2	22720.2554		
M6	10.0	3.2	4.0	15	9.0	250	1.4	22720.2562		
M6	16.0	3.2	4.0	15	9.0	250	2.4	22720.2564		

¹⁾ Statements on load capacity are not valid for the stainless steel type (except the type fitted with thermoplastic balls).

Compliance

For detailed compliance information please select the desired article number.