

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.
Special types on request.

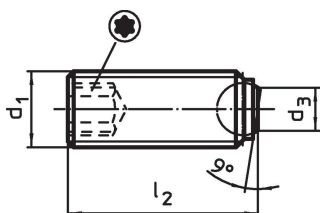
References

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

Dimensions		Ball diameter		Load capacity for static load ¹⁾ max.	max.		Art. No.	
d ₁	l ₂							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.