

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

EH 22720.



Product Description

Ball-ended thrust screws can also be used for positioning and 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 ±100 N/mm²
- Stainless steel 1.4305

More information

Notes

Ball not secured against rotating.
Special types on request.

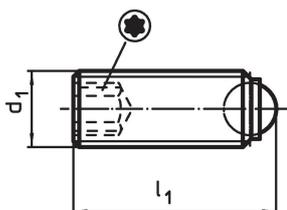
References

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

Further products

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

Drawing



Order information

d ₁	Dimensions		Ball diameter		Load capacity for static load ¹⁾ max. [kN]	max. [°C]		Art. No.
	l ₁	[mm]						
round ball, Heat-treated steel								
M4	6.0		2.5	8	3.5	250	0.3	22720.1042
M4	10.0		2.5	8	3.5	250	0.6	22720.1044
M5	8.0		3.0	10	4.5	250	0.7	22720.1052
M5	12.0		3.0	10	4.5	250	1.2	22720.1054
M6	10.8		4.0	15	9.0	250	1.4	22720.1062
M6	16.8		4.0	15	9.0	250	2.5	22720.1064
round ball, Stainless steel								
M4	6.0		2.5	8	3.5	250	0.3	22720.2042
M4	10.0		2.5	8	3.5	250	0.6	22720.2044
M5	8.0		3.0	10	4.5	250	0.7	22720.2052
M5	12.0		3.0	10	4.5	250	1.2	22720.2054
M6	10.8		4.0	15	9.0	250	1.4	22720.2062
M6	16.8		4.0	15	9.0	250	2.5	22720.2064

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.