

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

22720.2542



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

- Stainless steel, hardened

Screw

- 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 | | | | | Load capacity for static load¹⁾ max. [kN] | max. [°C] | [g] | Art. No. |
|--|----------------|----------------|---------------|---|---|------------------|---------|------------|
| d ₁ | l ₂ | d ₃ | Ball diameter | | | | | |
| flat-faced ball, bearing surface plain, Stainless steel | | | | | | | | |
| M4 | 5.6 | 1.8 | 2.5 | 8 | 3.5 | 250 | 0.3 | 22720.2542 |

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

Compliance

RoHS compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 23.01.2024.

Does not contain Proposition 65 substances

No Proposition 65 substances included.

<https://www.P65Warnings.ca.gov/>

Free from Conflict Minerals

This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.