# **Ball-Ended Thrust Screws •** headless, flat-faced ball 22720.0452



### **Product Description**

Ball-ended thrust screws with thermoplastic ball are used for pressure sensitive pieces. Ball-ended thrust screws can also be used for clamping, tightening or supporting of non-parallel surfaces.

The flat-faced, movable ball enables a flat load transmission.

#### **Material**

#### Ball

· Thermoplastic POM, red

#### Screw

Heat-treated steel, 1200 ±100 N/mm<sup>2</sup>

#### More information

#### Notes

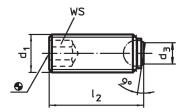
Ball not secured against rotating. Customized design on request.

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, with fine-pitch thread
- Ball-Ended Thrust Screws, headless, short
- Ball-Ended Thrust Screws, headless, flatfaced ball and hexalobular socket

# **Drawing**



#### **Order information**

| Dimensions   |                |                |               | ws   | Load capacity                 |      |      | 1   | Art. No. |
|--|----------------|----------------|---------------|------|-------------------------------|------|------|-----|----------|
| d <sub>1</sub>   | l <sub>2</sub> | d <sub>3</sub> | Ball diameter |      | for static load <sup>1)</sup> | min. | max. | _   |          |
|  |                |                |               |      | max.                          |      |      |     |          |
| [mm]   |                |                |               | [mm] | [kN]                          | [°C] |      | [g] |          |
| flat-faced ball from thermoplastic, bearing surface plain (protected against rotating), Heat-treated steel |                |                |               |      |                               |      |      |     |          |
|  |                |                |               |      |                               |      |      |     |          |

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

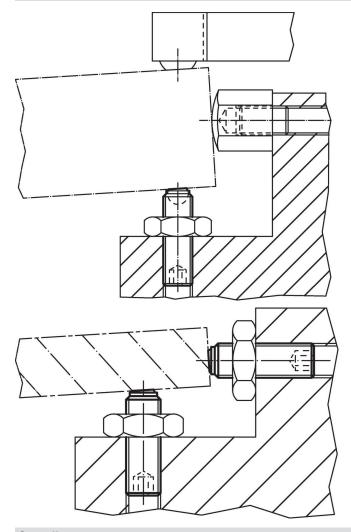
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# **Application example**



# Compliance

# **RoHS** compliant

Contains lead - compliant according to exceptions 6a / 6b / 6c.

# Contains SVHC substances >0,1% w/w

Contains lead - SVHC list [REACH] as of 27.06.2024.

# **Contains Proposition 65 substances**



Lead can cause cancer and reproductive harm from exposure https://www.P65Warnings.ca.gov/

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### **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.



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