# **Ball-Ended Thrust Screws •** headless, flat-faced ball 22720.0976



# **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

· Ball-bearing steel, hardened

#### Screw

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

#### More information

#### Notes

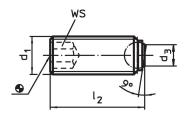
Ball not secured against rotating. Customized design on request.

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                      | <u>B</u> | I   | Art. No.   |
|--|----------------|----------------|---------------|------|------------------------------------|----------|-----|------------|
| d <sub>1</sub>                             | l <sub>2</sub> | d <sub>3</sub> | Ball diameter |      | for static load <sup>1)</sup> max. | max.     |     |            |
|  | 1              | [mm]           |               | [mm] | [kN]                               | [°C]     | [g] |            |
| bearing surface ribbed, Heat-treated steel |                |                |               |      |                                    |          |     |            |
| M20  | 60             | 13.5           | 15            | 10   | 90                                 | 250      | 111 | 22720.0976 |

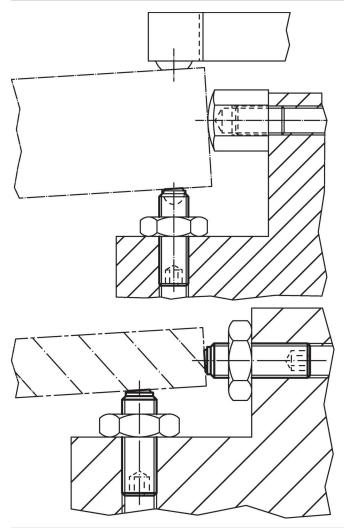
<sup>1)</sup> Statements on load capacity are not valid for the stainless steel type (except the type fitted with thermoplastic balls).

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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/

# **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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