# **Ball-Ended Thrust Screws** • headless, ball protected against rotating 22700.0583



## **Product Description**

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 protected against rotating. Customized design on request.

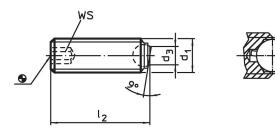
### References

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

#### **Further products**

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

## Drawing



# **Order information**

| Dimensions   |                |                |               | ws   | Load capacity                 | Ĭ   | Art. No.   |
|--|----------------|----------------|---------------|------|-------------------------------|-----|------------|
| d <sub>1</sub>   | l <sub>2</sub> | d <sub>3</sub> | Ball diameter |      | for static load <sup>1)</sup> |     |            |
|  |                |                |               |      | max.                          |     |            |
| [mm]   |                |                |               | [mm] | [kN]                          | [g] |            |
| flat-faced ball, bearing surface plain, Heat-treated steel |                |                |               |      |                               |     |            |
| M8   | 16             | 4.5            | 5.5           | 4    | 9                             | 3.9 | 22700.0583 |

<sup>1)</sup> Statements on load capacity are not valid for the stainless steel type.

# 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.