# **Ball-Ended Thrust Screws •** headless, flat-faced ball 22720.0744



# **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

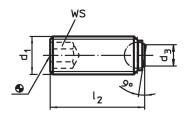
Ball not secured against rotating. Customized design on request.

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		ı	Art. No.
d <sub>1</sub>	l <sub>2</sub>	d <sub>3</sub>	Ball diameter		for static load <sup>1)</sup> max.	max.		
		[mm]		[mm]	[kN]	[°C]	[9]	
bearing surface plain , Heat-treated steel								
M24	50	15.8	18	12	120	250	129	22720.0744

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

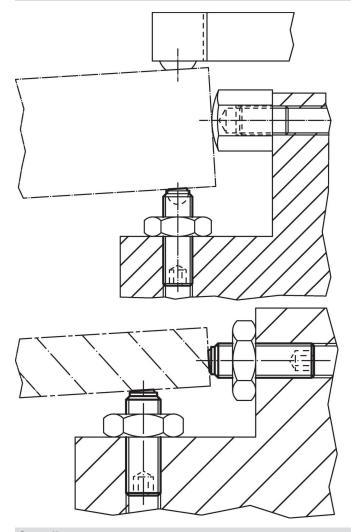
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Published on: 17.11.2024

# **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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Published on: 17.11.2024