# **Ball-Ended Thrust Screws •** headless, flat-faced ball 22720.0921



# **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.

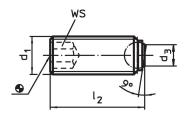
#### References

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, 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		ĭ	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]	[g]	
bearing surface ribbed, Heat-treated steel								
M12	16	7.2	8.5	6	30	250	8.8	22720.0921

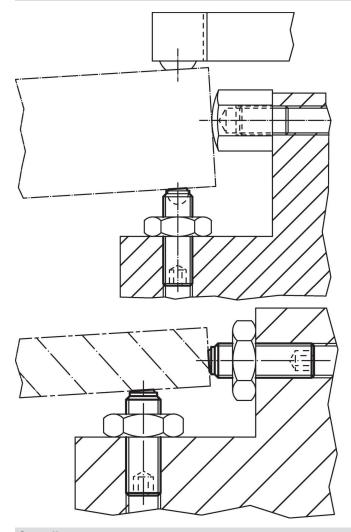
<sup>1)</sup> Statements on load capacity are not valid for the stainless steel type (except the type fitted with thermoplastic balls).

Halder, Inc.



www.halderusa.com Page 1 of 2
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/

Halder, Inc.

# **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.



www.halderusa.com Page 2 of 2
Published on: 17.11.2024