

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

### EH 22720.



#### 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
- Stainless steel, hardened
- Thermoplastic POM, red

##### Screw

- Heat-treated steel,  $1200 \pm 100 \text{ N/mm}^2$
- Stainless steel 1.4305

#### More information

##### Notes

Ball not secured against rotating. Special types on request.

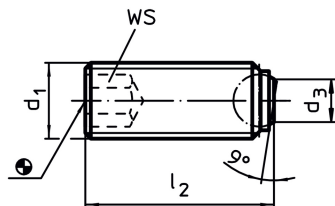
##### References

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, flat-faced ball and hexalobular socket

#### Drawing



#### Order information

Dimensions				WS	Load capacity for static load <sup>1)</sup> max. [kN]	 min. max. [°C]			Art. No.
d <sub>1</sub>	l <sub>2</sub>	d <sub>3</sub>	ball diameter			[g]			
[mm]				[mm]					
bearing surface plain , Heat-treated steel									
M 4	5.6	1.8	2.5	2.0	3.5	–	250	0.3	<a href="#">22720.0542</a>
M 4	7.6	1.8	2.5	2.0	3.5	–	250	0.4	<a href="#">22720.0543</a>
M 4	9.6	1.8	2.5	2.0	3.5	–	250	0.6	<a href="#">22720.0544</a>
M 4	11.6	1.8	2.5	2.0	3.5	–	250	0.7	<a href="#">22720.0545</a>
M 4	15.6	1.8	2.5	2.0	3.5	–	250	1.0	<a href="#">22720.0546</a>
M 5	7.5	2.2	3.0	2.5	4.5	–	250	0.6	<a href="#">22720.0552</a>
M 5	9.5	2.2	3.0	2.5	4.5	–	250	0.9	<a href="#">22720.0553</a>
M 5	11.5	2.2	3.0	2.5	4.5	–	250	1.1	<a href="#">22720.0554</a>
M 5	15.5	2.2	3.0	2.5	4.5	–	250	1.6	<a href="#">22720.0555</a>
M 5	19.5	2.2	3.0	2.5	4.5	–	250	2.0	<a href="#">22720.0556</a>
M 5	24.5	2.2	3.0	2.5	4.5	–	250	2.6	<a href="#">22720.0558</a>
M 6	10.0	3.2	4.0	3.0	9.0	–	250	1.3	<a href="#">22720.0562</a>
M 6	12.0	3.2	4.0	3.0	9.0	–	250	1.6	<a href="#">22720.0563</a>
M 6	16.0	3.2	4.0	3.0	9.0	–	250	2.3	<a href="#">22720.0564</a>
M 6	20.0	3.2	4.0	3.0	9.0	–	250	3.0	<a href="#">22720.0565</a>
M 6	25.0	3.2	4.0	3.0	9.0	–	250	3.8	<a href="#">22720.0566</a>
M 8	10.0	4.5	5.5	4.0	15.0	–	250	2.4	<a href="#">22720.0581</a>
M 8	12.0	4.5	5.5	4.0	15.0	–	250	2.8	<a href="#">22720.0582</a>
M 8	16.0	4.5	5.5	4.0	15.0	–	250	4.1	<a href="#">22720.0583</a>

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