

## Ball-Ended Thrust Screws • headless, round 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 positioning and clamping, tightening or supporting of non-parallel surfaces.



### Material

#### Ball

- Ball-bearing steel, hardened
- Stainless steel, hardened
- Thermoplastic POM, white

#### Screw

- Heat-treated steel, 1200 ±100 N/mm<sup>2</sup>
- Stainless steel 1.4305

### More information

#### Notes

Ball not secured against rotating.  
Special types on request.

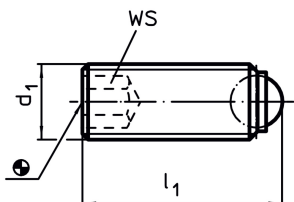
#### References

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

#### Further products

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

### Drawing



### Order information

d <sub>1</sub>	Dimensions		WS [mm]	Load capacity for static load <sup>1)</sup> max. [kN]	min.  max. [°C]		 [g]	Art. No.
	l <sub>1</sub>	ball diameter						
[mm]								
round ball, Heat-treated steel								
M 3	5.0	1.5	1.5	2.5	–	250	0.1	<a href="#">22720.0032</a>
M 3	7.5	1.5	1.5	2.5	–	250	0.2	<a href="#">22720.0033</a>
M 3	10.0	1.5	1.5	2.5	–	250	0.3	<a href="#">22720.0034</a>
M 4	6.0	2.5	2.0	3.5	–	250	0.3	<a href="#">22720.0042</a>
M 4	8.0	2.5	2.0	3.5	–	250	0.4	<a href="#">22720.0043</a>
M 4	10.0	2.5	2.0	3.5	–	250	0.5	<a href="#">22720.0044</a>
M 4	12.0	2.5	2.0	3.5	–	250	0.7	<a href="#">22720.0045</a>
M 4	16.0	2.5	2.0	3.5	–	250	1.0	<a href="#">22720.0046</a>
M 5	8.0	3.0	2.5	4.5	–	250	0.7	<a href="#">22720.0052</a>
M 5	10.0	3.0	2.5	4.5	–	250	0.9	<a href="#">22720.0053</a>
M 5	12.0	3.0	2.5	4.5	–	250	1.1	<a href="#">22720.0054</a>
M 5	16.0	3.0	2.5	4.5	–	250	1.6	<a href="#">22720.0055</a>
M 5	20.0	3.0	2.5	4.5	–	250	2.0	<a href="#">22720.0056</a>
M 5	25.0	3.0	2.5	4.5	–	250	2.6	<a href="#">22720.0058</a>
M 6	10.8	4.0	3.0	9.0	–	250	1.3	<a href="#">22720.0062</a>
M 6	12.8	4.0	3.0	9.0	–	250	1.7	<a href="#">22720.0063</a>
M 6	16.8	4.0	3.0	9.0	–	250	2.3	<a href="#">22720.0064</a>
M 6	20.8	4.0	3.0	9.0	–	250	3.0	<a href="#">22720.0065</a>
M 6	25.8	4.0	3.0	9.0	–	250	3.8	<a href="#">22720.0066</a>
M 8	11.2	5.5	4.0	15.0	–	250	2.5	<a href="#">22720.0081</a>
M 8	13.2	5.5	4.0	15.0	–	250	2.8	<a href="#">22720.0082</a>
M 8	17.2	5.5	4.0	15.0	–	250	4.0	<a href="#">22720.0083</a>
M 8	21.2	5.5	4.0	15.0	–	250	5.2	<a href="#">22720.0084</a>

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