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Pins • with plastic bearing surface

EH 22691.



Product Description

Pins with plastic bearing surface can be used as protective supports, stops, and thrust pads. This protects high-quality surfaces from damage.
The special plastic (PEEK) is a high-temperature-resistant material. It also has a high resistance to chemicals.

Material

Insert
- Plastic (PEEK), blue

Threaded bushing
- Stainless steel

Grub Screw
- Stainless steel

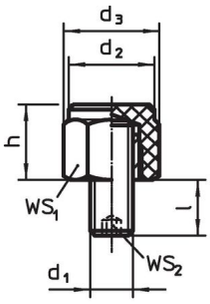
Body
- Plastic (PEEK), blue
- Stainless steel 1.4305

More information

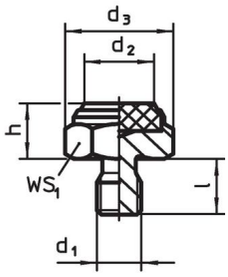
Further products

- Seating Elements, with plastic bearing surface, orienting
- Pins

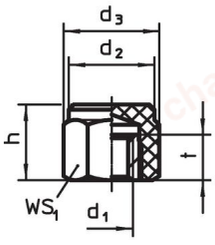
Drawing



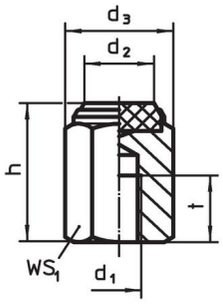
picture 1



picture 2



picture 3



picture 4

Order information

Dimensions						WS_1	WS_2	Load capacity for static load max.	Tightening torque max.	min.	max.		Art. No.
h ±0.1	d_1	d_2	d_3	l	t								
[mm]						[mm]	[mm]	[kN]	[Nm]	[°C]		[g]	
with male thread, body made of plastic (PEEK), bearing surface plain – picture 1													
15	**M 8**	17.0	19.0	8 ±1	–	17	4	8.5	10	-60	250	12.0	22691.0122
20	**M10**	19.0	21.5	10 ±1	–	19	5	9.5	10	-60	250	21.0	22691.0133
20	**M12**	22.0	25.0	14 ±1	–	22	6	14.0	10	-60	250	31.0	22691.0143

[1] The tightening torque of bolts with female thread is for threaded pins, quality 8. The bolt has to be tightened over the total thread length.

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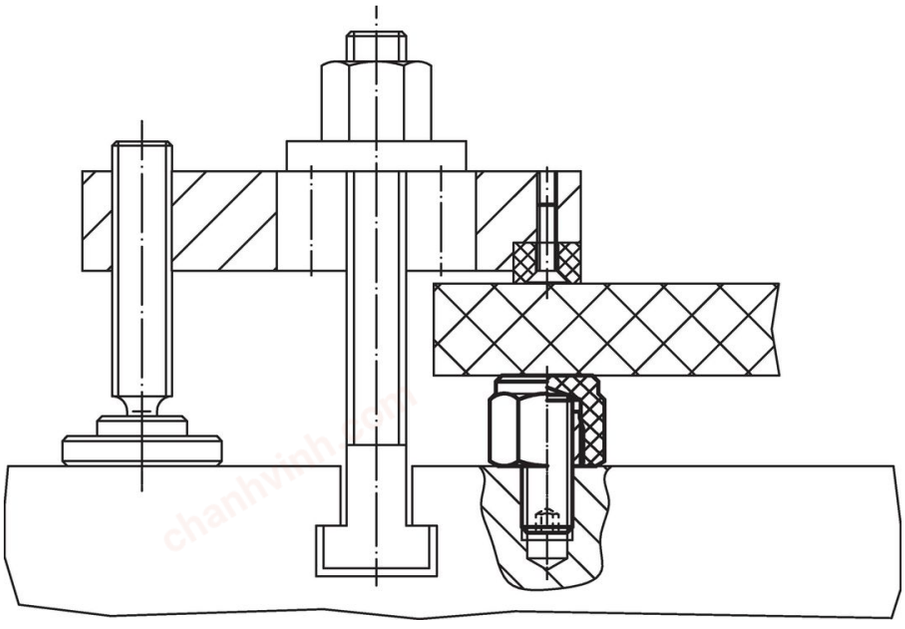
Dimensions						WS_1	WS_2	Load capacity for static load max.	Tightening torque max.	min.	max.		Art. No.
h ±0.1	d_1	d_2	d_3	l	t								
[mm]						[mm]	[mm]	[kN]	[Nm]	[°C]		[g]	
with male thread, plastic insert, bearing surface plain – picture 2													
10	**M 8**	12.5	19.4	10	–	17	–	11.5	18	-60	250	14.0	**22691.0021**
10	**M10**	14.5	21.9	12	–	19	–	15.5	32	-60	250	20.0	**22691.0031**
15	**M10**	14.5	21.9	12	–	19	–	15.5	32	-60	250	32.0	**22691.0032**
10	**M12**	17.5	25.2	14	–	22	–	22.5	60	-60	250	28.0	**22691.0041**
15	**M12**	17.5	25.2	14	–	22	–	22.5	60	-60	250	45.0	**22691.0042**
with female thread, body made of plastic (PEEK), bearing surface plain – picture 3													
15	**M 8**	17.0	19.0	–	9	17	–	8.5	10	-60	250	6.4	**22691.0222**
20	**M10**	19.0	21.5	–	10	19	–	9.5	10	-60	250	21.0	**22691.0233**
20	**M12**	22.0	25.0	–	12	22	–	14.0	10	-60	250	13.0	**22691.0243**
with female thread, plastic insert (PEEK), bearing surface plain – picture 4													
25	**M 8**	12.5	19.4	–	12	17	–	11.5	18[1)]	-60	250	35.0	**22691.0324**
30	**M10**	14.5	21.9	–	15	19	–	15.5	32[1)]	-60	250	53.0	**22691.0335**
30	**M12**	17.5	25.2	–	18	22	–	22.5	60[1)]	-60	250	68.0	**22691.0345**

[1)] The tightening torque of bolts with female thread is for threaded pins, quality 8. The bolt has to be tightened over the total thread length.

Application example



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Compliance

RoHS-compliant
Compliant with Directive 2011/65/EU [RoHS].

Does not contain SVHC substances
No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 04.02.2026.

SCIP-code
N/A

Contains Proposition 65 substances



Nickel can cause cancer 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.

POP-compliant
Contains no persistent organic pollutants – Stockholm Convention [POP] as of September 2025.

PFAS-compliant
Contains no per- and polyfluoroalkyl substances (PFAS).

TSCA-compliant
Agent concentration in this product does not exceed the specified threshold.