

Șuruburi de presiune cu bilă • fără cap, cu filet fin EH 22720.



Descrierea produsului

Ball-ended thrust screws, headless with a fine-pitch thread, are used for positioning, clamping, tensioning and supporting components. They are particularly suitable for applications requiring precise adjustment of the screw position and fine adaptation to the installation situation. Versions with a fully spherical or flat-faced ball are available depending on the required force transmission. Versions with a fully spherical ball provide point force transmission. Versions with a flat-faced ball distribute force over a larger surface area and compensate for non-parallel locating surfaces.

The headless design allows a variable screw penetration depth and space-saving integration into the assembly. Due to the smaller pitch of the fine-pitch thread, the axial adjustment travel per revolution is less than with a comparable standard thread. This allows the ball-ended thrust screw to be positioned in a precise and finely controlled manner.

The fully spherical ball provides targeted point force transmission. The movable, flat-faced ball adapts to non-parallel locating surfaces and distributes the force over a larger surface area of the component. The smooth bearing surface allows even and gentle force application.

This product group offers the following features and advantages:

- Fine-pitch thread for precise adjustment of the screw position
- Compact headless design
- Variable screw penetration depth to suit the installation situation
- Versions with a fully spherical ball for point force transmission
- Versions with a flat-faced ball for force transmission over a larger surface area
- Movable, flat-faced ball to compensate for non-parallel locating surfaces
- Smooth bearing surface for gentle force application
- Ball in hardened steel or hardened stainless steel
- Adjustment with a hexagon key
- Versions in steel or stainless steel

Material

Bilă

- Oțel pentru rulmenți, călit
- Oțel inoxidabil, călit

Șurub

- Oțel tratat termic, $1200 \pm 100 \text{ N/mm}^2$
- Oțel inoxidabil 1.4305

Mai multe informații

Note

Bila nu este protejată împotriva rotirii
Variantă specială la cerere.

Referințe

Blocator pentru filet disponibil la cerere, vă rugăm consultați anexa - Date Tehnice -

Produse asociate

- Șuruburi de presiune cu bilă, fără cap, bilă protejată împotriva rotirii
- Șuruburi de presiune cu bilă, fără cap, bilă plină
- Șuruburi de presiune cu bilă, fără cap, cu bilă teșită

Desen

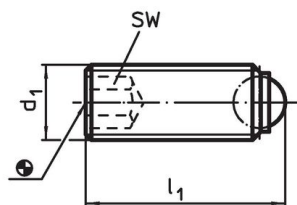


Figura 1

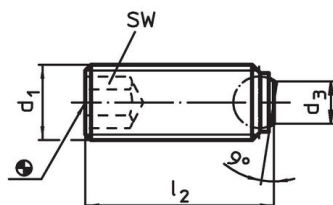


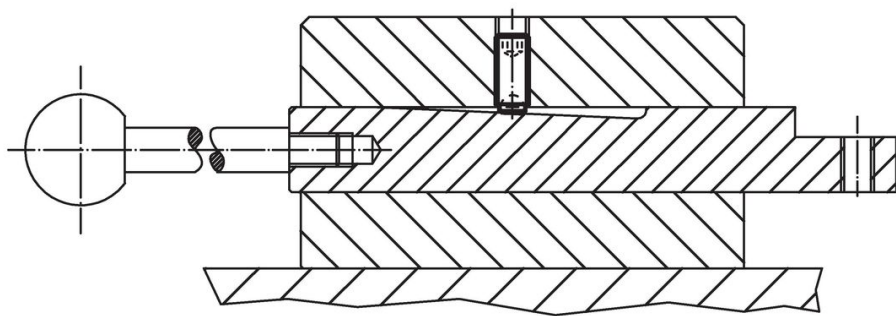
Figura 2

Informații comandă

d ₁	Dimensiuni				SW	Capacitate portantă la sarcină statică ¹⁾ max.	 max.	 [g]	Ref. Nr.
	l ₁	l ₂	d ₃	Diametrul bilei					
	[mm]	[mm]	[mm]	[mm]					
bilă plină – figura 1, Oțel tratat termic									
M4 x 0,35	6,0	–	–	2,5	2,0	3,5	250	0,4	22720.5030
M4 x 0,35	10,0	–	–	2,5	2,0	3,5	250	0,7	22720.5032
M4 x 0,5	6,0	–	–	2,5	2,0	3,5	250	0,3	22720.5040
M4 x 0,5	10,0	–	–	2,5	2,0	3,5	250	0,6	22720.5042
M5 x 0,5	8,0	–	–	3,0	2,5	4,5	250	0,7	22720.5050
M5 x 0,5	12,0	–	–	3,0	2,5	4,5	250	1,2	22720.5052
M6 x 0,5	10,8	–	–	4,0	3,0	9,0	250	1,5	22720.5060
M6 x 0,5	12,8	–	–	4,0	3,0	9,0	250	1,9	22720.5061
M6 x 0,5	16,8	–	–	4,0	3,0	9,0	250	2,7	22720.5062
M6 x 0,5	20,8	–	–	4,0	3,0	9,0	250	3,4	22720.5063
M6 x 0,5	25,8	–	–	4,0	3,0	9,0	250	4,4	22720.5064
M8 x 1	11,2	–	–	5,5	4,0	15,0	250	2,5	22720.5070
M8 x 1	21,2	–	–	5,5	4,0	15,0	250	5,6	22720.5073
bilă plină – figura 1, Oțel inoxidabil									
M4 x 0,35	6,0	–	–	2,5	2,0	3,5	250	0,3	22720.6030
M4 x 0,35	10,0	–	–	2,5	2,0	3,5	250	0,7	22720.6032
M4 x 0,5	6,0	–	–	2,5	2,0	3,5	250	0,3	22720.6040
M4 x 0,5	10,0	–	–	2,5	2,0	3,5	250	0,6	22720.6042
M5 x 0,5	8,0	–	–	3,0	2,5	4,5	250	0,7	22720.6050
M5 x 0,5	12,0	–	–	3,0	2,5	4,5	250	1,2	22720.6052
M6 x 0,5	10,8	–	–	4,0	3,0	9,0	250	1,6	22720.6060
M6 x 0,5	12,8	–	–	4,0	3,0	9,0	250	1,9	22720.6061
M6 x 0,5	16,8	–	–	4,0	3,0	9,0	250	2,7	22720.6062
M6 x 0,5	20,8	–	–	4,0	3,0	9,0	250	3,5	22720.6063
M6 x 0,5	25,8	–	–	4,0	3,0	9,0	250	4,4	22720.6064
M8 x 1	11,2	–	–	5,5	4,0	15,0	250	2,6	22720.6070
M8 x 1	21,2	–	–	5,5	4,0	15,0	250	5,5	22720.6073
bilă teșită, suprafață plană – figura 2, Oțel tratat termic									
M4 x 0,35	–	5,6	1,3	2,5	2,0	3,5	250	0,4	22720.5230
M4 x 0,35	–	9,6	1,3	2,5	2,0	3,5	250	0,7	22720.5232
M4 x 0,5	–	5,6	1,3	2,5	2,0	3,5	250	0,3	22720.5240
M4 x 0,5	–	9,6	1,3	2,5	2,0	3,5	250	0,6	22720.5242
M5 x 0,5	–	7,5	2,2	3,0	2,5	4,5	250	0,7	22720.5250
M5 x 0,5	–	11,5	2,2	3,0	2,5	4,5	250	1,2	22720.5252
M6 x 0,5	–	10,0	3,2	4,0	3,0	9,0	250	1,5	22720.5260
M6 x 0,5	–	12,0	3,2	4,0	3,0	9,0	250	1,9	22720.5261
M6 x 0,5	–	16,0	3,2	4,0	3,0	9,0	250	2,6	22720.5262
M6 x 0,5	–	20,0	3,2	4,0	3,0	9,0	250	3,4	22720.5263
M6 x 0,5	–	25,0	3,2	4,0	3,0	9,0	250	4,4	22720.5264
M8 x 1	–	10,0	4,5	5,5	4,0	15,0	250	2,5	22720.5270
M8 x 1	–	20,0	4,5	5,5	4,0	15,0	250	5,5	22720.5273
bilă teșită, suprafață plană – figura 2, Oțel inoxidabil									
M4 x 0,35	–	5,6	1,3	2,5	2,0	3,5	250	0,4	22720.6230
M4 x 0,35	–	9,6	1,3	2,5	2,0	3,5	250	0,7	22720.6232
M4 x 0,5	–	5,6	1,3	2,5	2,0	3,5	250	0,3	22720.6240
M4 x 0,5	–	9,6	1,3	2,5	2,0	3,5	250	0,6	22720.6242
M5 x 0,5	–	7,5	2,2	3,0	2,5	4,5	250	0,7	22720.6250
M5 x 0,5	–	11,5	2,2	3,0	2,5	4,5	250	1,2	22720.6252
M6 x 0,5	–	10,0	3,2	4,0	3,0	9,0	250	1,5	22720.6260
M6 x 0,5	–	12,0	3,2	4,0	3,0	9,0	250	1,9	22720.6261
M6 x 0,5	–	16,0	3,2	4,0	3,0	9,0	250	2,7	22720.6262
M6 x 0,5	–	20,0	3,2	4,0	3,0	9,0	250	3,5	22720.6263
M6 x 0,5	–	25,0	3,2	4,0	3,0	9,0	250	4,4	22720.6264
M8 x 1	–	10,0	4,5	5,5	4,0	15,0	250	2,5	22720.6270
M8 x 1	–	20,0	4,5	5,5	4,0	15,0	250	5,4	22720.6273

¹⁾ Mențiunile referitoare la capacitatea portantă nu sunt valabile și pentru versiunea din oțel inoxidabil.

Exemplu de aplicație



Reclamație

Pentru detalii suplimentare despre conformitate, vă rugăm să selectați codul produsului dorit.