

Șuruburi de presiune cu bilă • cu cap, bilă protejată împotriva rotirii EH 22700.



Descrierea produsului

Ball-Ended Thrust Screws headed, ball protected against rotating, flattened ball are used for positioning, clamping, securing and supporting components. They are particularly suitable for applications where the orientation of the ball's contact surface must be maintained during installation.

The head acts as a stop that limits the screw penetration depth. This helps ensure a defined installation position of the ball-ended thrust screw.

The movable, flat-faced ball can tilt by up to 9°. This allows it to adapt to non-parallel or inclined locating surfaces and distribute force over a larger surface area. The anti-turn locking device maintains the orientation of the bearing surface during assembly.

The smooth bearing surface allows even and gentle force application to the component. The ribbed bearing surface provides increased grip and helps prevent lateral movement of the component.

This product group offers the following features and advantages:

- Head acts as a stop to limit the screw penetration depth
- Defined and repeatable installation position
- Movable, flat-faced ball
- Ball tilt of up to 9°
- Compensates for non-parallel or inclined locating surfaces
- Even force transmission over a larger surface area
- Ball with anti-turn locking device for easier assembly
- Smooth bearing surface for gentle force application
- Ribbed bearing surface for increased grip
- 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 ± 100 N/mm²
- Oțel inoxidabil 1.4305

Mai multe informații

Note

Notă: deviere filet I4 !

Bila este protejată împotriva rotirii.

Variantă specială la cerere.

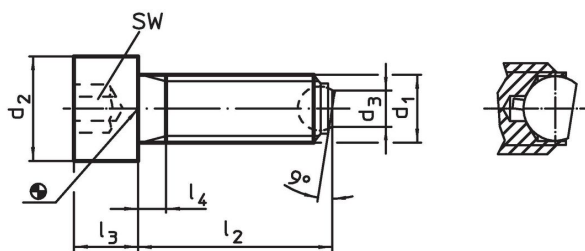
Referințe

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

Produse asociate

- Șuruburi de presiune cu bilă, cu cap, bilă teșită

Desen



Informații comandă

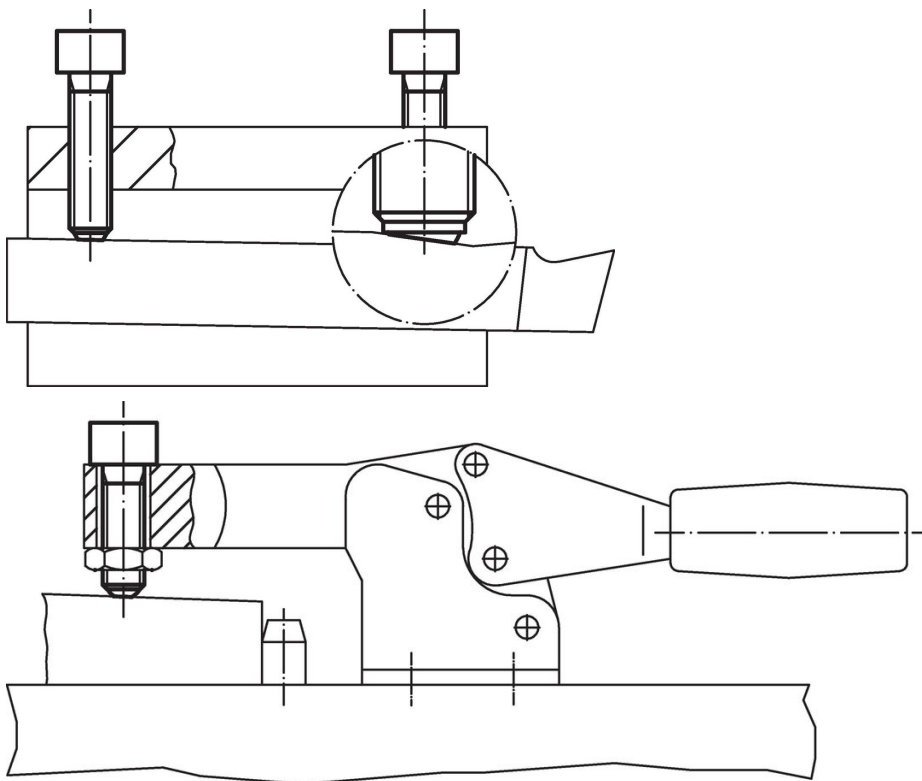
Dimensiuni							SW	Capacitate portantă la sarcină statică ¹⁾ max.		Ref. Nr.
d ₁	l ₂ ~	d ₂	d ₃	l ₃	l ₄	Diametrul bilei				
[mm]							[mm]	[kN]	[g]	
bilă teșită, suprafață plană, Oțel tratat termic										
M 6	20	10	3,2	6	3,0	4,0	5	6	6,0	22700.0062
M 6	30	10	3,2	6	3,0	4,0	5	6	7,7	22700.0064
M 6	40	10	3,2	6	16,0	4,0	5	6	9,9	22700.0066
M 8	20	13	4,5	8	3,5	5,5	6	9	12,0	22700.0082

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

Dimensiuni							SW	Capacitate portantă la sarcină statică ¹⁾ max.		Ref. Nr.
d ₁	l ₂ ~	d ₂	d ₃	l ₃	l ₄	Diametrul bilei				
[mm]							[mm]	[kN]	[g]	
M 8	35	13	4,5	8	3,5	5,5	6	9	17,0	22700.0084
M 8	50	13	4,5	8	22,0	5,5	6	9	23,0	22700.0086
M10	25	16	6,0	10	4,5	7,0	8	12	24,0	22700.0102
M10	40	16	6,0	10	4,5	7,0	8	12	31,0	22700.0104
M10	60	16	6,0	10	28,0	7,0	8	12	43,0	22700.0106
M12	30	18	7,2	12	5,0	8,5	10	18	38,0	22700.0122
M12	50	18	7,2	12	5,0	8,5	10	18	52,0	22700.0124
M12	80	18	7,2	12	44,0	8,5	10	18	79,0	22700.0126
M16	40	24	10,7	16	6,0	12,0	14	36	93,0	22700.0162
M16	60	24	10,7	16	6,0	12,0	14	36	120,0	22700.0164
M16	80	24	10,7	16	36,0	12,0	14	36	154,0	22700.0166
M20	50	30	13,5	20	7,5	15,0	17	60	185,0	22700.0172
M20	80	30	13,5	20	28,0	15,0	17	60	253,0	22700.0174
M20	100	30	13,5	20	48,0	15,0	17	60	301,0	22700.0176
M24	60	36	15,8	24	9,0	18,0	19	80	322,0	22700.0182
M24	90	36	15,8	24	30,0	18,0	19	80	422,0	22700.0184
M24	120	36	15,8	24	60,0	18,0	19	80	528,0	22700.0186
bilă teșită, suprafață plană, Oțel inoxidabil										
M 6	20	10	3,2	6	3,0	4,0	5	6	6,1	22700.0302
M 6	30	10	3,2	6	3,0	4,0	5	6	7,9	22700.0304
M 6	40	10	3,2	6	16,0	4,0	5	6	10,0	22700.0306
M 8	20	13	4,5	8	3,5	5,5	6	9	13,0	22700.0312
M 8	35	13	4,5	8	3,5	5,5	6	9	17,0	22700.0314
M 8	50	13	4,5	8	22,0	5,5	6	9	24,0	22700.0316
M10	25	16	6,0	10	4,5	7,0	8	12	24,0	22700.0322
M10	40	16	6,0	10	4,5	7,0	8	12	32,0	22700.0324
M10	60	16	6,0	10	28,0	7,0	8	12	44,0	22700.0326
M12	30	18	7,2	12	5,0	8,5	10	18	38,0	22700.0332
M12	50	18	7,2	12	5,0	8,5	10	18	53,0	22700.0334
M12	80	18	7,2	12	44,0	8,5	10	18	79,0	22700.0336
M16	40	24	10,7	16	6,0	12,0	14	36	94,0	22700.0342
M16	60	24	10,7	16	6,0	12,0	14	36	121,0	22700.0344
M16	80	24	10,7	16	36,0	12,0	14	36	156,0	22700.0346
bilă teșită, suprafață cu striții, Oțel tratat termic										
M 8	20	13	4,5	8	3,5	5,5	6	9	13,0	22700.0192
M 8	35	13	4,5	8	3,5	5,5	6	9	17,0	22700.0194
M 8	50	13	4,5	8	22,0	5,5	6	9	23,0	22700.0196
M10	25	16	6,0	10	4,5	7,0	8	12	24,0	22700.0202
M10	40	16	6,0	10	4,5	7,0	8	12	31,0	22700.0204
M10	60	16	6,0	10	28,0	7,0	8	12	43,0	22700.0206
M12	30	18	7,2	12	5,0	8,5	10	18	38,0	22700.0222
M12	50	18	7,2	12	5,0	8,5	10	18	52,0	22700.0224
M12	80	18	7,2	12	44,0	8,5	10	18	79,0	22700.0226
M16	40	24	10,7	16	6,0	12,0	14	36	93,0	22700.0262
M16	60	24	10,7	16	6,0	12,0	14	36	120,0	22700.0264
M16	80	24	10,7	16	36,0	12,0	14	36	153,0	22700.0266
M20	50	30	13,5	20	7,5	15,0	17	60	213,0	22700.0272
M20	80	30	13,5	20	28,0	15,0	17	60	252,0	22700.0274
M20	100	30	13,5	20	48,0	15,0	17	60	301,0	22700.0276
M24	60	36	15,8	24	9,0	18,0	19	80	323,0	22700.0282
M24	90	36	15,8	24	30,0	18,0	19	80	422,0	22700.0284
M24	120	36	15,8	24	60,0	18,0	19	80	535,0	22700.0286

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

Exemplu de aplicație



Reclamație

Conform RoHS

Conform în temeiul Directivei 2011/65/UE [RoHS].

Nu conține materiale SVHC

Nu conține substanțe SVHC cu mai mult de 0,1% w/w - lista SVHC din 04.02.2026.

Cod SCIP

N/A

Nu conține substanțe din Declarația 65

Nu conține substanțe din Declarația 65.

<https://www.P65Warnings.ca.gov/>

Nu conține Minerale de conflict

Acest produs nu conține substanțe desemnate drept „minerale de conflict” precum tantalul, staniul, aurul sau wolfram din Republica Democratică Congo sau din țările adiacente.

Conform POP (poluanți organici persistenți)

Nu conține poluanți organici persistenți – Convenția de la Stockholm [POP] ultima actualizare septembrie 2025

Conform PFAS (substanțe perfluoroalchilate și polifluoroalchilate)

Nu conține nicio substanță perfluoroalchilată și polifluoroalchilată (PFAS).

Conform TSCA (Legea privind controlul substanțelor toxice)

Produsul nu conține substanțe care depășesc pragul specificat.