

Șuruburi de presiune cu bilă • cu cap, bilă teșită EH 22710.



Descrierea produsului

Ball-ended thrust screws, headed, flat-faced ball are used for positioning, clamping, securing and supporting components. They are particularly suitable for applications where force must be applied over a larger contact area or where a non-parallel contact surface needs to be compensated for.

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

The movable, flat-faced ball can tilt by up to 9°. This allows the bearing surface to adapt to inclined or non-parallel locating surfaces and distribute force over a larger surface area.

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 inclined or non-parallel locating surfaces
- Force transmission over a larger surface area
- Smooth bearing surface for gentle force application
- Ribbed bearing surface for increased grip
- Adjustment with a hexagon key
- Versions in steel or stainless steel component

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

Bila nu este protejată împotriva rotirii
Variantă specială la cerere.

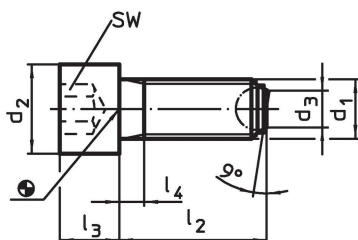
Referințe

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

Produse asociate

- Șuruburi de presiune cu bilă, cu cap, bilă protejată împotriva rotirii

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]	
suprafață plană, Oțel tratat termic										
M 6	20	10	3,2	6	3,0	4,0	5	9	6,0	22710.0562
M 6	30	10	3,2	6	3,0	4,0	5	9	7,7	22710.0564
M 6	40	10	3,2	6	16,0	4,0	5	9	10,0	22710.0566
M 8	20	13	4,5	8	3,5	5,5	6	15	13,0	22710.0582
M 8	35	13	4,5	8	3,5	5,5	6	15	17,0	22710.0584
M 8	50	13	4,5	8	22,0	5,5	6	15	23,0	22710.0586
M10	25	16	6,0	10	4,5	7,0	8	20	24,0	22710.0602

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

d ₁	l ₂ ~	d ₂	Dimensiuni				Diametrul bilei	SW	Capacitate portantă la sarcină statică ¹⁾ max.		Ref. Nr.
			d ₃	l ₃	l ₄						
			[mm]	[mm]	[kN]	[g]					
M10	40	16	6,0	10	4,5	7,0	8	20	31,0	22710.0604	
M10	60	16	6,0	10	28,0	7,0	8	20	44,0	22710.0606	
M12	30	18	7,2	12	5,0	8,5	10	30	38,0	22710.0622	
M12	50	18	7,2	12	5,0	8,5	10	30	52,0	22710.0624	
M12	80	18	7,2	12	44,0	8,5	10	30	79,0	22710.0626	
M16	40	24	10,7	16	6,0	12,0	14	60	94,0	22710.0662	
M16	60	24	10,7	16	6,0	12,0	14	60	120,0	22710.0664	
M16	80	24	10,7	16	36,0	12,0	14	60	155,0	22710.0666	
M20	50	30	13,5	20	7,5	15,0	17	90	183,0	22710.0702	
M20	80	30	13,5	20	28,0	15,0	17	90	253,0	22710.0704	
M20	100	30	13,5	20	48,0	15,0	17	90	303,0	22710.0706	
M24	60	36	15,8	24	9,0	18,0	19	120	320,0	22710.0742	
M24	90	36	15,8	24	30,0	18,0	19	120	421,0	22710.0744	
M24	120	36	15,8	24	60,0	18,0	19	120	529,0	22710.0746	
suprafață plană, Oțel inoxidabil											
M 6	20	10	3,2	6	3,0	4,0	5	9	6,0	22710.0832	
M 6	30	10	3,2	6	3,0	4,0	5	9	7,8	22710.0834	
M 6	40	10	3,2	6	16,0	4,0	5	9	10,0	22710.0836	
M 8	20	13	4,5	8	3,5	5,5	6	15	13,0	22710.0842	
M 8	35	13	4,5	8	3,5	5,5	6	15	17,0	22710.0844	
M 8	50	13	4,5	8	22,0	5,5	6	15	23,0	22710.0846	
M10	25	16	6,0	10	4,5	7,0	8	20	24,0	22710.0852	
M10	40	16	6,0	10	4,5	7,0	8	20	31,0	22710.0854	
M10	60	16	6,0	10	28,0	7,0	8	20	44,0	22710.0856	
M12	30	18	7,2	12	5,0	8,5	10	30	39,0	22710.0862	
M12	50	18	7,2	12	5,0	8,5	10	30	53,0	22710.0864	
M12	80	18	7,2	12	44,0	8,5	10	30	81,0	22710.0866	
M16	40	24	10,7	16	6,0	12,0	14	60	93,0	22710.0872	
M16	60	24	10,7	16	6,0	12,0	14	60	122,0	22710.0874	
M16	80	24	10,7	16	36,0	12,0	14	60	155,0	22710.0876	
suprafață striată, Oțel tratat termic											
M 8	20	13	4,5	8	3,5	5,5	6	15	12,0	22710.0892	
M 8	35	13	4,5	8	3,5	5,5	6	15	17,0	22710.0894	
M 8	50	13	4,5	8	22,0	5,5	6	15	23,0	22710.0896	
M10	25	16	6,0	10	4,5	7,0	8	20	24,0	22710.0902	
M10	40	16	6,0	10	4,5	7,0	8	20	31,0	22710.0904	
M10	60	16	6,0	10	28,0	7,0	8	20	44,0	22710.0906	
M12	30	18	7,2	12	5,0	8,5	10	30	38,0	22710.0922	
M12	50	18	7,2	12	5,0	8,5	10	30	52,0	22710.0924	
M12	80	18	7,2	12	44,0	8,5	10	30	79,0	22710.0926	
M16	40	24	10,7	16	6,0	12,0	14	60	94,0	22710.0962	
M16	60	24	10,7	16	6,0	12,0	14	60	120,0	22710.0964	
M16	80	24	10,7	16	36,0	12,0	14	60	155,0	22710.0966	
M20	50	30	13,5	20	7,5	15,0	17	90	183,0	22710.0972	
M20	80	30	13,5	20	28,0	15,0	17	90	253,0	22710.0974	
M20	100	30	13,5	20	48,0	15,0	17	90	302,0	22710.0976	
M24	60	36	15,8	24	9,0	18,0	19	120	324,0	22710.0982	
M24	90	36	15,8	24	30,0	18,0	19	120	423,0	22710.0984	
M24	120	36	15,8	24	60,0	18,0	19	120	528,0	22710.0986	

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

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.