

Self-Aligning Pads • adjustable, self-resetting

EH 22741.



Product Description

Self-aligning pads are used as stop, support and thrust pad and are suitable for installation in clamping elements.

By resetting to the parallel position the contact point of the self-aligning pad provides a defined initial position, thus preventing the pad clamping in an oblique position when inserting the workpiece.

Material

Spring element

- Thermoplastic PUR

Ball

- Ball-bearing steel, hardened, bright
- Stainless steel 1.3541, nickel-plated

Body

- Heat-treated steel, tempered, phosphated
- Stainless steel 1.4057, heat-treated

Nut

- Steel, blackened (ISO 4035)
- Stainless steel

More information

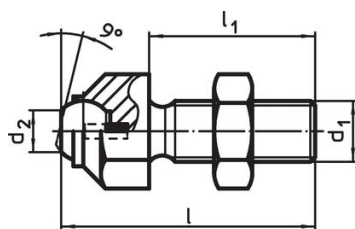
Notes

Ball protected against rotating.

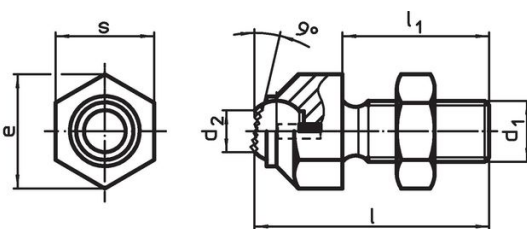
Loading capacity valid for steel and stainless steel designs.

Customized design on request.

Drawing




picture 1



picture 2

Order information

d ₁	Dimensions				e	Ball diameter	Load capacity for static load max. [kN]	Tightening torque max. [Nm]	[g]	Art. No.
	l	l ₁	d ₂	[mm]						
with flat-faced ball, bearing surface plain – picture 1, Heat-treated steel										
M 8	36.6	25	5.8	14.5	8.5	8	25	20	22741.0013	
M10	45.7	30	8.6	19.0	12.0	8	46	44	22741.0016	
M12	50.7	35	8.6	19.0	12.0	15	82	56	22741.0017	
M16	60.7	40	10.5	27.0	16.0	25	206	128	22741.0024	
M20	77.3	50	20.0	33.0	25.0	90	407	273	22741.0030	
M24	100.0	70	20.0	40.0	25.0	90	698	466	22741.0036	
M30 x 1,5	100.0	65	34.6	51.0	40.0	165	1355	885	22741.0046	
with flat-faced ball, bearing surface plain – picture 1, Stainless steel										
M 8	36.6	25	5.8	14.5	8.5	8	25	20	22741.0113	
M10	45.7	30	8.6	19.0	12.0	8	46	44	22741.0116	
M12	50.7	35	8.6	19.0	12.0	15	82	56	22741.0117	
M16	60.7	40	10.5	27.0	16.0	25	206	128	22741.0124	
M20	77.3	50	20.0	33.0	25.0	90	407	273	22741.0130	
M24	100.0	70	20.0	40.0	25.0	90	698	466	22741.0136	
M30 x 1,5	100.0	65	34.6	51.0	40.0	165	1355	885	22741.0146	
with flat-faced ball, bearing surface ribbed – picture 2, Heat-treated steel										
M 8	36.6	25	5.8	14.5	8.5	8	25	20	22741.0313	
M10	45.7	30	8.6	19.0	12.0	8	46	44	22741.0316	
M12	50.7	35	8.6	19.0	12.0	15	82	56	22741.0317	

d ₁	l	Dimensions			e	Ball diameter	Load capacity for static load max. [kN]	Tightening torque max. [Nm]	 [g]	Art. No.
		l ₁	d ₂	[mm]						
M16	60.7	40	10.5	27.0	16.0	25	206	128	22741.0324	
M20	77.3	50	20.0	33.0	25.0	90	407	278	22741.0330	
M24	100.0	70	20.0	40.0	25.0	90	698	466	22741.0336	
M30 x 1,5	100.0	65	34.6	51.0	40.0	165	1355	915	22741.0346	

Compliance

RoHS compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 27.06.2024.

Does not contain Proposition 65 substances

No Proposition 65 substances included.

<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.