Spherical Washers / Conical Seats • DIN 6319 23050.0014



Product Description

Spherical washers / Conical seats are used as washers in a screw connection to compensate non-parallel surfaces.

Material

Spherical washer · Case-hardened steel, case-hardened, manganese phosphated

Assembly

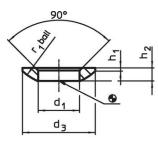
Conical seats form D are to be used only for plain, closed round areas. For larger holes only use form G!

More information

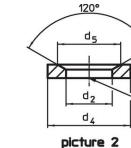
Further products

- · Spherical Washers / Conical Seats, similar to DIN 6319, stainless steel
- Fixture Nuts, DIN 6330 (height 1,5 d)

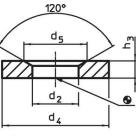




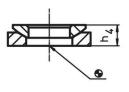
picture 1

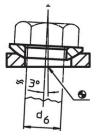






picture 3





Order information

Dimensions							For pin	For screws	• •	Torque for screwed	I	Art. No.	
d ₁	d3	h ₁	h ₂	h₄		r ₁	d ₆	d ₆	for static load	connections ¹⁾			
H13				with conical seat form D ~	with conical seat form G ~				max.	max.			
[mm]							[mm]	[mm]	[kN]	[Nm]	[g]		
spheric	spherical washers from case-hardened steel, form C – picture 1												
15	28	1.4	5	8.5	9.5	22	14	M14	53	130	12	23050.0014	

 $^{1)}$ Torques of screws with standard thread, eventual pre-loads to be considered, coefficient of friction μ_{total} 0.14.

Application example





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.