Spherical Washers / Conical Seats • DIN 6319 23050.0220



Product Description

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

Material

- nateriai
- Conical seat
 Heat-treated steel, tempered, manganese phosphated

Assembly

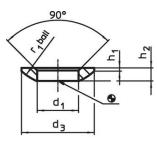
Conical seats form D are to be used only for plain, closed round areas. For larger holes only use form G!

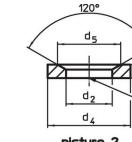
More information

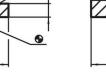
Further products

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

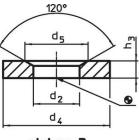




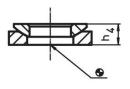


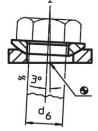


picture 2



picture 3





Order information

picture 1

			For pin	For screws	Load capacity for static load	Torque for screwed connections ¹⁾	Ĩ	Art. No.	
d₂ H13	d₄	d₅	h ₃	d ₆	d ₆	max.	max.		
[mm]				[mm]	[mm]	[kN]	[Nm]	[g]	
conical seats from heat-treated steel, form G – picture 3									
23.2	50	31	8	20	M20	117	407	93	23050.0220

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

Contains lead - compliant according to exceptions 6a / 6b / 6c.

Contains SVHC substances >0,1% w/w Contains lead - SVHC list [REACH] as of 27.06.2024.

Contains Proposition 65 substances



Lead can cause cancer and reproductive harm from exposure 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.