# **Spherical Washers / Conical Seats • DIN 6319** 23050.0039



## **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**

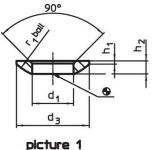
Conical seats form D are to be used only for plain, closed round areas. For larger holes only use form G!

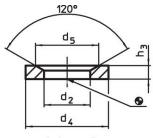
#### More information

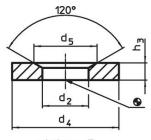
## **Further products**

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

# Drawing

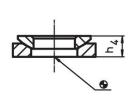


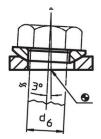




picture 2

picture 3





#### **Order information**

						For pin	For screws	Load capacity for static load <sup>1)</sup>	Torque for screwed connections <sup>1) 2)</sup>	Ĭ	Art. No. <sup>3)</sup>
H13		·	-	with conical seat form D	·			max.	max.		
[mm]						[mm]	[mm]	[kN]	[Nm]	[g]	
spherical washers from case-hardened steel, form C – picture 1											
40	75	5.6	16	26.8	54	39	M39	460	3276	280	23050.0039

<sup>1)</sup> Figures theoretically determined



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 $<sup>^{2)}</sup>$  Torques of screws with standard thread, eventual pre-loads to be considered, coefficient of friction  $\mu_{total}$  0.14.

<sup>3)</sup> DIN standards do not include these dimensions.

# **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 23.01.2024.

#### **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.



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