# **Spherical Washers / Conical Seats • DIN 6319** 23050.0036



# **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**

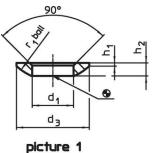
Conical seats form D are to be used only for plain, closed round areas. For larger holes only use form G!

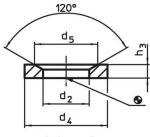
#### More information

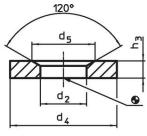
# **Further products**

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

# **Drawing**

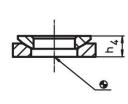


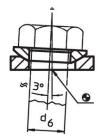




picture 2

picture 3





#### **Order information**

Dimensions						For pin	For screws	Load capacity	Torque for screwed	I	Art. No.
d <sub>1</sub>	d <sub>3</sub>	h <sub>1</sub>	h <sub>2</sub>	h <sub>4</sub>	r <sub>1</sub>	d <sub>6</sub>	d <sub>6</sub>	for static load	connections <sup>1)</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											
37	68	4.6	14	23.5	50	36	M36	394	2372	193	23050.0036

 $<sup>^{1)}</sup>$  Torques of screws with standard thread, eventual pre-loads to be considered, coefficient of friction  $\mu_{\text{total}}$  0.14.



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# **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 23.01.2024.

#### **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.



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