# Spherical Washers / Conical Seats • DIN 6319 23050.0120



### **Product Description**

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

#### **Material**

- Conical seat
- Case-hardened steel, case-hardened, manganese phosphated

# Assembly

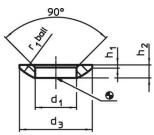
Conical seats form D are to be used only for plain, closed round areas. For larger holes only use form G!

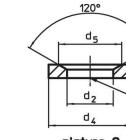
#### More information

## **Further products**

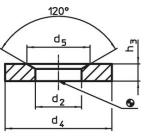
- Spherical Washers / Conical Seats, similar to DIN 6319, stainless steel
- Fixture Nuts, DIN 6330 (height 1,5 d)



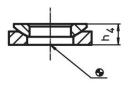


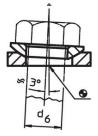


picture 2



picture 3





## **Order information**

picture 1

	ons		For pin	For screws	Load capacity	Torque for screwed connections <sup>1)</sup>	Ĩ	Art. No.	
<b>d₂</b> H13	d₄	d₅	h <sub>3</sub>	d <sub>6</sub>	d <sub>6</sub>	for static load max.	max.		
[mm]				[mm]	[mm]	[kN]	[Nm]	[g]	
conical seats from case-hardened steel, form D – picture 2									
23.2	36	31	7.5	20	M20	117	407	31	23050.0120

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