# Spherical Washers / Conical Seats • DIN 6319 23050.0230



## **Product Description**

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

#### **Material**

#### **Conical seat**

· Heat-treated steel, tempered, manganese phosphated

### **Assembly**

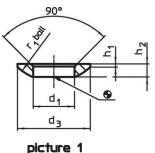
Conical seats form D are to be used only for plain, closed round areas. For larger holes only use form G!

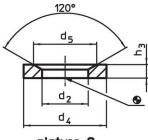
#### More information

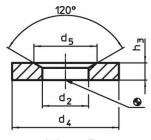
## **Further products**

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

# **Drawing**

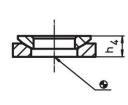


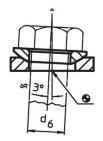




picture 2

picture 3





## **Order information**

	Dimens	ions		For pin	For screws	Load capacity	Torque for screwed connections <sup>1)</sup>	I	Art. No.
d <sub>2</sub>	d <sub>4</sub>	d₅	h <sub>3</sub>	d <sub>6</sub>	d <sub>6</sub>	for static load	max.		
H13						max.			
	[mm]			[mm]	[mm]	[kN]	[Nm]	[g]	
conical seats from heat-treated steel, form G – picture 3									
35	68	49	12	30	M30	269	1355	235	23050.0230

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