# Spherical Washers / Conical Seats • DIN 6319 23050.0127



## **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**

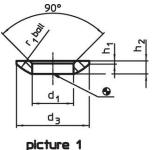
Conical seats form D are to be used only for plain, closed round areas. For larger holes only use form G!

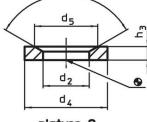
#### More information

## **Further products**

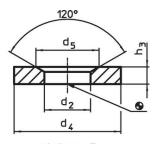
- · Spherical Washers / Conical Seats, similar to DIN 6319, stainless steel
- Fixture Nuts, DIN 6330 (height 1,5 d)

# Drawing



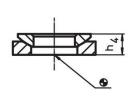


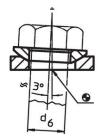
120°



picture 2

picture 3





### **Order information**

Dimensions				For pin	For screws	Load capacity	Torque for screwed connections <sup>1)</sup>	I	Art. No. <sup>2)</sup>
d <sub>2</sub>	d <sub>4</sub>	d <sub>5</sub>	h <sub>3</sub>	$d_6$	d <sub>6</sub>	for static load	max.		
H13						max.			
[mm] [i					[mm]	[kN]	[Nm]	[g]	
conical seats from case-hardened steel, form D – picture 2									
31.5	50	43	10.5	27	M27	221	1021	87	23050.0127

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

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<sup>&</sup>lt;sup>2)</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.

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### 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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