# **Spherical Washers / Conical Seats • DIN 6319** 23050.0012



## **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**

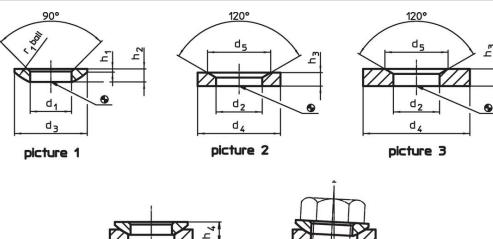
Conical seats form D are to be used only for plain, closed round areas. For larger holes only use form G!

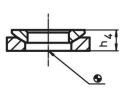
#### More information

## **Further products**

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

# **Drawing**







#### **Order information**

<b>d₁</b> H13						For pin d <sub>6</sub>	For screws	Load capacity for static load max.	Torque for screwed connections <sup>1)</sup> max.	Ĭ	Art. No.	
			[m	~ m]	~		[mm]	[mm]	[kN]	[Nm]	[9]	
spherical washers from case-hardened steel, form C – picture 1												
13	24	1.1	4.6	8	9	17	12	M12	38	82	8	23050.0012

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

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www.halder.fr Page 1 of 3

# **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.



Halder France SAS www.halder.fr Page 3 of 3