# **Spherical Washers / Conical Seats • DIN 6319** 23050.0024



# **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**

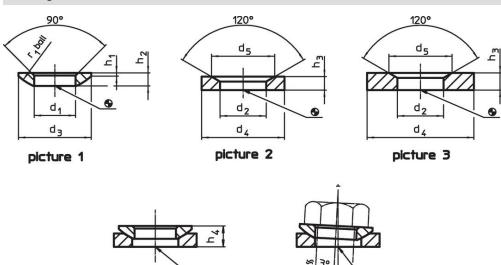
Conical seats form D are to be used only for plain, closed round areas. For larger holes only use form G!

#### 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>d</b> <sub>1</sub> H13	d <sub>3</sub>	h <sub>1</sub>	Dime h <sub>2</sub>	with conical seat form D seat form G		For pin d <sub>6</sub>	For screws d <sub>6</sub>	Load capacity for static load max.	Torque for screwed connections <sup>1)</sup> max.	ı	Art. No.	
[mm]							[mm]	[mm]	[kN]	[Nm]	[g]	
spherical washers from case-hardened steel, form C – picture 1												
25	44	2.4	8.2	15.2	15.7	32	24	M24	168	698	43	23050.0024

 $<sup>^{1)}</sup>$  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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