# **Spherical Washers / Conical Seats • DIN 6319** 23050.0052



# **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**

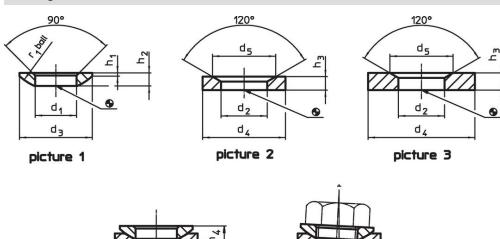
Conical seats form D are to be used only for plain, closed round areas. For larger holes only use form G!

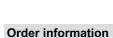
#### More information

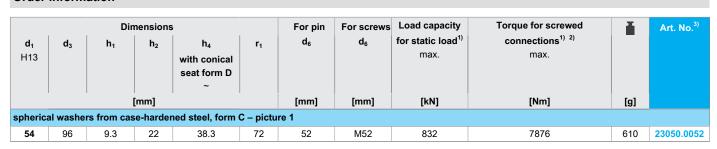
# **Further products**

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

### **Drawing**







<sup>1)</sup> Figures theoretically determined



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 $<sup>^{2)}</sup>$  Torques of screws with standard thread, eventual pre-loads to be considered, coefficient of friction  $\mu_{total}$  0.14.

<sup>&</sup>lt;sup>3)</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.

#### 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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Published on: 4.2.2024