# Positioning Bushings • without collar, DIN 179 A



# **Product Description**

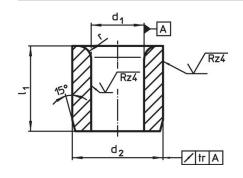
Positioning or drill bushings are used to drill repetitive holes in the same location to ensure repeatabililty.

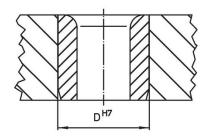
The hardened and ground positioning bushings can be used as wear-resistant guide for drills, shafts etc.

#### **Material**

· Case-hardened steel, case-hardened

## **Drawing**





## **Order information**

| Dimensions       |                |                 |   | Location hole  | ı   | Art. No.   |
|------------------|----------------|-----------------|---|----------------|-----|------------|
| <b>d</b> ₁<br>F7 | I <sub>1</sub> | <b>d₂</b><br>n6 | r | <b>D</b><br>H7 | _   |            |
| [mm]             |                |                 |   | [mm]           | [9] |            |
| 22               | 45             | 30              | 3 | 30             | 113 | 23112.0723 |

# 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/

Halder, Inc.

# **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