# Positioning Bushings • without collar, DIN 179 A

23112 0703



## **Product Description**

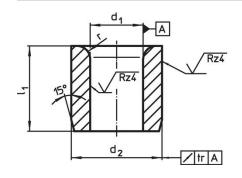
Positioning or drill bushings are used to drill repetitive holes in the same location to ensure repeatabililty.

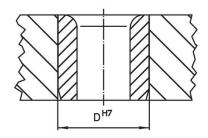
The hardened and ground positioning bushings can be used as wear-resistant guide for drills, shafts etc.

#### **Material**

· Case-hardened steel, case-hardened

### **Drawing**





# Order information

Dimensions				Location hole	I I	Art. No.
d <sub>1</sub>	I <sub>1</sub>	$d_2$	r	D	_	
F7		n6		Н7		
[mm]				[mm]	[g]	
20	45	30	3	30	136	23112.0703

# 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 27.06.2024.

# **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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