# Positioning Bushings • without collar, DIN 179 A

23112.0590



## **Product Description**

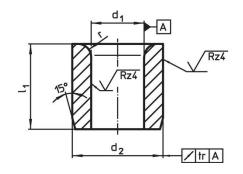
Positioning or drill bushings are used to drill repetitive holes in the same location to ensure repeatabililty.

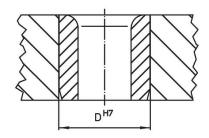
The hardened and ground positioning bushings can be used as wear-resistant guide for drills, shafts etc.

#### **Material**

· Case-hardened steel, case-hardened

### **Drawing**





### **Order information**

Dimensions				Location hole	1	Art. No.
d₁	l <sub>1</sub>	d <sub>2</sub>	r	D	_	
F7	·	n6		H7		
[mm]				[mm]	[g]	
9	12	15	2	15	10	23112.0590

# 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/

Erwin Halder KG

# **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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