# Positioning Bushings• with collar 23112.0052



## **Product Description**

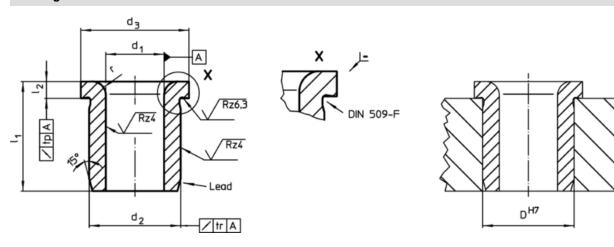
Positioning or drill bushes used to drill repetitive holes in the same location to ensure repeatabililty.

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.
d₁	l <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	l <sub>2</sub>	r	D	_	
F7		n6		_		H7		
[mm]						[mm]	[9]	
5	16	8	11	2,5	1	8	4,5	23112.0052



Page 1 of 1 Published on: 18.10.2016

Erwin Halder KG