Positioning Bushings • with collar, DIN 172 A

23112.0090



Product Description

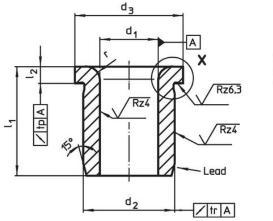
Positioning or drill bushings are used to drill repetitive holes in the same location to ensure repeatabililty.

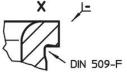
The hardened and ground positioning bushings can be used as wear-resistant guide for drills, shafts etc.

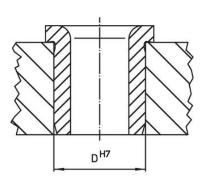
Material

· Case-hardened steel, case-hardened

Drawing







Order information

Dimensions						Location hole	I	Art. No.
d ₁	l ₁	d ₂	d₃	l ₂	r	D	_	
F7		n6				H7		
[mm]						[mm]	[9]	
9	12	15	18	3	2	15	12	23112.0090

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/

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.



www.halder.com Page 1 of 1
Published on: 10.8.2024

Erwin Halder KG