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Centering Clamping Mandrels • with lateral handling

EH 23340.



Product Description

The centering clamping mandrels are often used in mechanical engineering. However, thanks to their simple operation and quick assembly, they can be used in all industries.
Thanks to the lateral handling it can also be used for blind hole drilling.
Centering clamping mandrels are used for centering and clamping of workpieces with a locating hole.
The centering clamping mandrels have the following characteristics:

- Very high accuracy for turning/milling processes
- Ideal for secondary operations on turned parts
- Hardened and coated screw for long service life
- Clamping body can be machined very easily (for adaptation to bore diameter)

Material

Body
- Steel, blackened

Clamping screw
- Heat-treated steel

Assembly

The centering clamping mandrel can be machined to the required seating diameter (e.g. by turning/milling). It must be noticed that before machining the centering clamping mandrel, it will be expanded approx. 0,1 mm over the clamping diameter. To machine the mandrel, a locking ring will be provided. Further or detailed information can be found in the assembly and operating instructions.

Operation

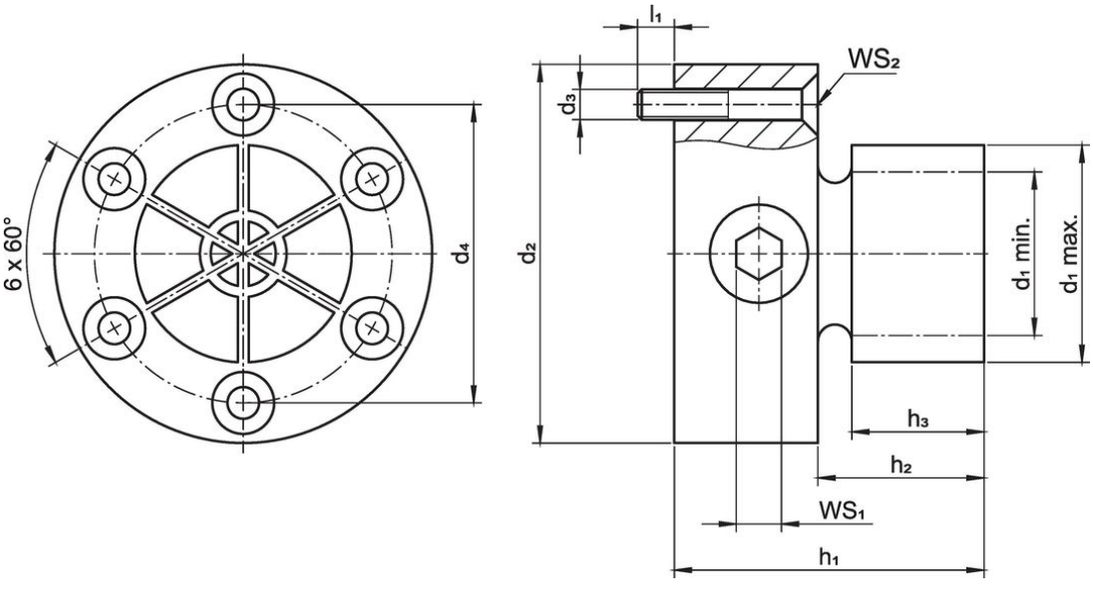
The internal hexagon, which is attached to the side, allows the outer diameter to be expanded.

More information

Further products

- Centering Clamping Mandrels

Drawing

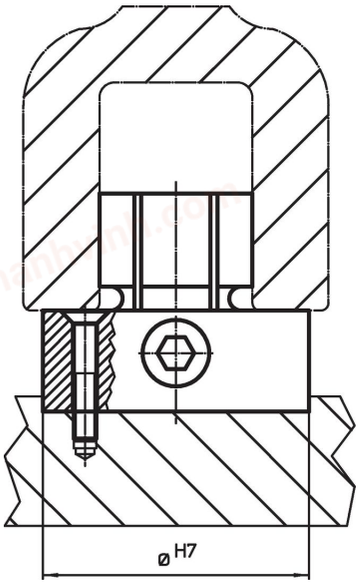


Order information

Dimensions									WS		Clamping force	Tightening torque	Location hole		Art. No.
d_1 min.	d_1 max.	d_2 -0.05	d_3	d_4	h_1	h_2	h_3	l_1 ~	WS_1	WS_2	max.	max.	H7		
[mm]									[mm]		[kN]	[Nm]	[mm]	[g]	
17.8	28.7	50	M4	39.4	41	22	17.5	7	6	2.5	20	66	50	363	23340.0125

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Application example



Compliance

RoHS-compliant
Compliant with Directive 2011/65/EU [RoHS].

Does not contain SVHC substances
No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 04.02.2026.

SCIP-code
N/A

Does not contain Proposition 65 substances
No Proposition 65 substances included.
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.

POP-compliant
Contains no persistent organic pollutants – Stockholm Convention [POP] as of September 2025.

PFAS-compliant
Contains no per- and polyfluoroalkyl substances (PFAS).

TSCA-compliant
Agent concentration in this product does not exceed the specified threshold.