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Bushings • for positioning clamping pins

EH 23111.



Product Description

These bushings for positioning clamping pins are available as centric and floating versions. Please observe the mounting instruction.

Material

- Case-hardened steel, case-hardened, blackened
- Stainless steel 1.4112, hardened

Assembly

Two centering bushings and two floating bushings are to be mounted into the plate to be clamped in order to guarantee an optimal repeatability.

Characteristic

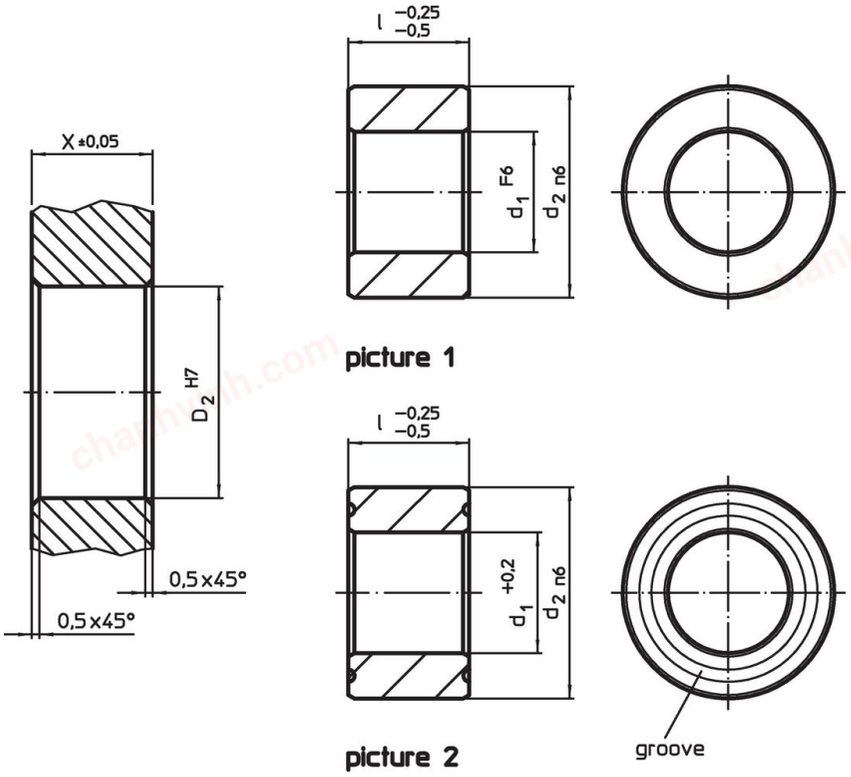
The floating bushing has a groove that serves as a differentiation mark.

More information

Further products

- Quick Clamping Pins

Drawing



Order information

Dimensions			Location hole		for positioning clamping pins		Art. No.
d_1	l -0.25 -0.5	d_2 n6	X ±0.05	D_2 H7			
[mm]			[mm]			[g]	
centrical – picture 1, Case-hardened steel							
16.0F6	**20**	25	20	25	23111.0016	44	23111.0702
16.0F6	**25**	25	25	25	23111.0018	56	23111.0704
20.0F6	**20**	35	20	35	23111.0020	110	23111.0706
20.0F6	**25**	35	25	35	23111.0022	120	23111.0708
25.0F6	**20**	35	20	35	23111.0025	73	23111.0710
25.0F6	**25**	35	25	35	23111.0027	92	23111.0712

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Dimensions			Location hole		for positioning clamping pins		Art. No.
d_1	l -0.25 -0.5	d_2 n6	X ±0.05	D_2 H7			
[mm]			[mm]			[g]	
25.0F6	**35**	35	35	35	23111.0029	128	23111.0713
30.0F6	**20**	45	20	45	23111.0030	136	23111.0714
30.0F6	**25**	45	25	45	23111.0032	171	23111.0716
30.0F6	**35**	45	35	45	23111.0034	240	23111.0718
floating – picture 2, Case-hardened steel							
16.8+0.2	**20**	25	20	25	23111.0016	41	23111.0732
16.8+0.2	**25**	25	25	25	23111.0018	51	23111.0734
20.8+0.2	**20**	35	20	35	23111.0020	95	23111.0736
20.8+0.2	**25**	35	25	35	23111.0022	120	23111.0738
25.8+0.2	**20**	35	20	35	23111.0025	66	23111.0740
25.8+0.2	**25**	35	25	35	23111.0027	84	23111.0742
25.8+0.2	**35**	35	35	35	23111.0029	119	23111.0743
30.8+0.2	**20**	45	20	45	23111.0030	129	23111.0744
30.8+0.2	**25**	45	25	45	23111.0032	161	23111.0746
30.8+0.2	**35**	45	35	45	23111.0034	227	23111.0748
centrical – picture 1, Stainless steel							
16.0F6	**20**	25	20	25	23111.0116	43	23111.0802
16.0F6	**25**	25	25	25	23111.0118	54	23111.0804
20.0F6	**20**	35	20	35	23111.0120	97	23111.0806
20.0F6	**25**	35	25	35	23111.0122	123	23111.0808
25.0F6	**20**	35	20	35	23111.0125	73	23111.0810
25.0F6	**25**	35	25	35	23111.0127	99	23111.0812
25.0F6	**35**	35	35	35	23111.0129	126	23111.0813
30.0F6	**20**	45	20	45	23111.0130	133	23111.0814
30.0F6	**25**	45	25	45	23111.0132	165	23111.0816
30.0F6	**35**	45	35	45	23111.0134	235	23111.0818
floating – picture 2, Stainless steel							
16.8+0.2	**20**	25	20	25	23111.0116	39	23111.0832
16.8+0.2	**25**	25	25	25	23111.0118	50	23111.0834
20.8+0.2	**20**	35	20	35	23111.0120	92	23111.0836
20.8+0.2	**25**	35	25	35	23111.0122	117	23111.0838
25.8+0.2	**20**	35	20	35	23111.0125	65	23111.0840
25.8+0.2	**25**	35	25	35	23111.0127	82	23111.0842
25.8+0.2	**35**	35	35	35	23111.0129	116	23111.0843
30.8+0.2	**20**	45	20	45	23111.0130	125	23111.0844
30.8+0.2	**25**	45	25	45	23111.0132	158	23111.0846
30.8+0.2	**35**	45	35	45	23111.0134	223	23111.0848

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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.