

Locating / Seating Pins • DIN 6321

EH 22630.



PRODUCT DESCRIPTION

Cylindric locating pins for locating workpieces in toleranced holes and also to be used as stops and feet.

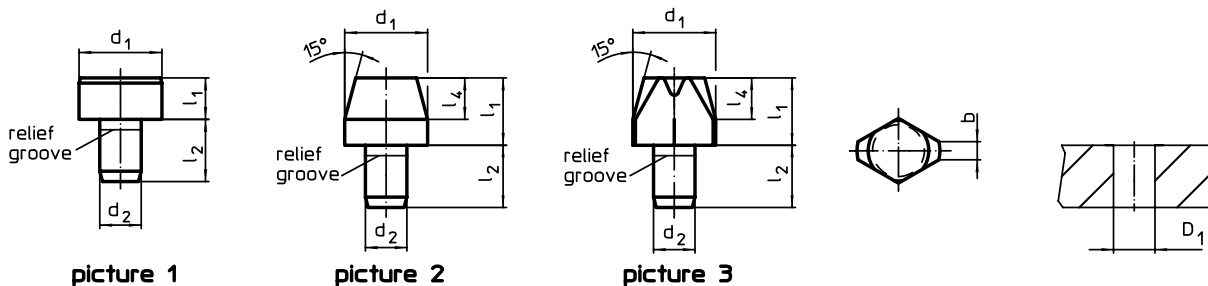
Flattened locating pin used to overcome differences in tolerances, between holes or to position an element in one direction only.

The bearing surface of the seating pin has no centre (picture 1).

Material

- Tool steel, hardened, ground

DRAWING



ORDER INFORMATION

Dimensions						Location hole		Art. No.
d_1 g6	l_1	b	d_2 n6	l_2	l_4	D_1 H7		
[mm]						[mm]	[g]	
seating pin, DIN 6321 form A, tolerance $l_1 = h9$ – picture 1								
6	5	–	4	6	–	4	1.8	22630.0011
10	6	–	6	9	–	6	5.7	22630.0012
16	8	–	8	12	–	8	17.0	22630.0013
25	10	–	12	18	–	12	53.0	22630.0014
locating pin, cylindric, DIN 6321, form B – picture 2								
6	7	–	4	6	4	4	1.7	22630.0020
	12	–	4	6	4	4	3.0	22630.0021
8	10	–	6	9	6	6	4.9	22630.0022
	16	–	6	9	6	6	8.0	22630.0023
10	10	–	6	9	6	6	6.9	22630.0024
	18	–	6	9	6	6	12.0	22630.0025
12	10	–	6	9	6	6	10.0	22630.0026
	18	–	6	9	6	6	17.0	22630.0027
16	13	–	8	12	8	8	22.0	22630.0028
	22	–	8	12	8	8	36.0	22630.0029
20	15	–	12	18	9	12	58.0	22630.0030
	25	–	12	18	9	12	73.0	22630.0031
25	15	–	12	18	9	12	66.0	22630.0032
	25	–	12	18	9	12	106.0	22630.0033
locating pin, flattened, DIN 6321, form C – picture 3								
6	7	1.0	4	6	4	4	1.3	22630.0040
	12	1.0	4	6	4	4	2.2	22630.0041
8	10	1.6	6	9	6	6	4.0	22630.0042
	16	1.6	6	9	6	6	5.5	22630.0043
10	10	2.5	6	9	6	6	5.6	22630.0044
	18	2.5	6	9	6	6	8.9	22630.0045
12	10	2.5	6	9	6	6	7.0	22630.0046
	18	2.5	6	9	6	6	11.0	22630.0047
16	13	3.5	8	12	8	8	17.0	22630.0048
	22	3.5	8	12	8	8	26.0	22630.0049
20	15	5.0	12	18	9	12	39.0	22630.0050
	25	5.0	12	18	9	12	55.0	22630.0051
25	15	5.0	12	18	9	12	49.0	22630.0052
	25	5.0	12	18	9	12	72.0	22630.0053

Seating Pins • partially DIN 6321 (old norm)

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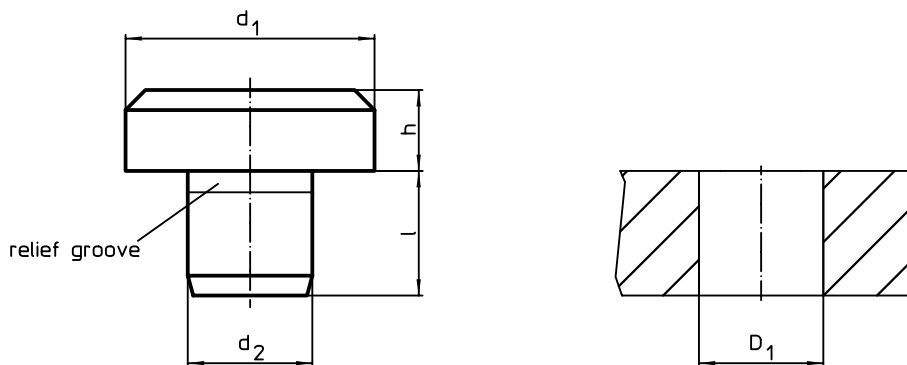
PRODUCT DESCRIPTION

To be used as feet and bearings.
Bearing surface without distortion.

Material

- Tool steel, hardened, ground

DRAWING



ORDER INFORMATION

d ₁	Dimensions			Location hole D ₁ H7		Art. No.
	h h9	d ₂ n6	l			
[mm]				[mm]	[g]	
DIN 6321 old norm						
6	5.0	4	6.0	4	1.8	22630.0001
10	8.0	6	8.0	6	6.2	22630.0002
16	5.0	8	10.0	8	11.0	22630.0003
	13.0	8	10.0	8	24.0	22630.0004
25	8.0	12	14.0	12	41.0	22630.0005
	20.0	12	14.0	12	88.0	22630.0006
40	13.0	20	20.0	20	171.0	22630.0007
	32.0	20	20.0	20	358.0	22630.0008
intermediate sizes						
6	2.5	4	6.5	4	1.2	22630.0110
	4.5	4	8.5	4	1.9	22630.0112
8	4.0	5	8.0	5	3.1	22630.0116
	7.0	5	8.0	5	4.2	22630.0118
10	4.5	6	8.5	6	4.4	22630.0120
12	6.0	6	10.0	6	7.6	22630.0124
	10.0	6	10.0	6	11.0	22630.0126
20	6.0	10	12.0	10	21.0	22630.0130
	12.0	10	12.0	10	36.0	22630.0132
25	30.0	12	14.0	12	124.0	22630.0135
30	25.0	16	20.0	16	164.0	22630.0137
	40.0	16	20.0	16	248.0	22630.0140
	50.0	16	20.0	16	305.0	22630.0144
	65.0	16	20.0	16	385.0	22630.0148
	80.0	20	20.0	20	485.0	22630.0152
	100.0	20	20.0	20	594.0	22630.0156

Locating Pins • with bore hole similar to DIN 6321

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2



PRODUCT DESCRIPTION

Cylindric locating pins for locating workpieces in toleranced holes and also to be used as stops and feet.

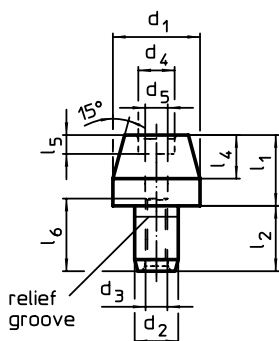
Flattened locating pins used to overcome differences in tolerances, between holes or to position an element in one direction only.

Apart from size 6 additional safety by fastening possibilities from up and down (can be used also for dismounting). The outer dimensions are similar to DIN 6321.

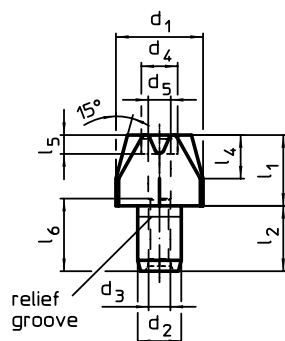
Material

- Case-hardened steel, case-hardened, blackened and ground

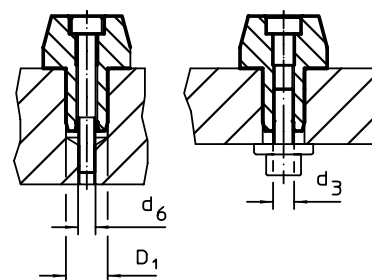
DRAWING



picture 1



picture 2



ORDER INFORMATION

Dimensions												Location hole		Art. No.
d ₁ g6	l ₁	b	d ₂ k6	l ₂	d ₃	d ₄	l ₄	d ₅	l ₅	d ₆	l ₆	D ₁ H7	[g]	
[mm]												[mm]		
locating pin, cylindric, with bore hole – picture 1														
6	7	–	4	6	–	–	4	2.1	–	M 2	–	4	1.4	22630.0220¹⁾
	12	–	4	6	–	–	4	2.1	–	M 2	–	4	2.9	22630.0221¹⁾
8	10	–	6	9	M3	–	6	2.6	–	M2,5	10	6	4.2	22630.0222
	16	–	6	9	M3	–	6	2.6	–	M2,5	10	6	6.4	22630.0223
10	10	–	6	9	M3	5.0	6	2.6	2.6	M2,5	10	6	6.1	22630.0224
	18	–	6	9	M3	5.0	6	2.6	2.6	M2,5	10	6	10.0	22630.0225
12	10	–	6	9	M3	5.0	6	2.6	2.6	M2,5	10	6	8.0	22630.0226
	18	–	6	9	M3	5.0	6	2.6	2.6	M2,5	10	6	15.0	22630.0227
16	13	–	8	12	M4	6.5	8	3.3	3.1	M 3	13	8	19.0	22630.0228
	22	–	8	12	M4	6.5	8	3.3	3.1	M 3	13	8	32.0	22630.0229
20	15	–	12	18	M6	10.0	9	5.2	5.1	M 5	19	12	46.0	22630.0230
	25	–	12	18	M6	10.0	9	5.2	5.1	M 5	19	12	60.0	22630.0231
25	15	–	12	18	M6	10.0	9	5.2	5.1	M 5	19	12	59.0	22630.0232
	25	–	12	18	M6	10.0	9	5.2	5.1	M 5	19	12	96.0	22630.0233
locating pin, flattened, with bore hole – picture 2														
6	7	1.0	4	6	–	–	4	2.1	–	M 2	–	4	1.0	22630.0240¹⁾
	12	1.0	4	6	–	–	4	2.1	–	M 2	–	4	1.5	22630.0241¹⁾
8	10	1.6	6	9	M3	–	6	2.6	–	M2,5	10	6	3.4	22630.0242
	16	1.6	6	9	M3	–	6	2.6	–	M2,5	10	6	4.4	22630.0243
10	10	2.5	6	9	M3	5.0	6	2.6	2.6	M2,5	10	6	4.6	22630.0244
	18	2.5	6	9	M3	5.0	6	2.6	2.6	M2,5	10	6	7.3	22630.0245
12	10	2.5	6	9	M3	5.0	6	2.6	2.6	M2,5	10	6	5.8	22630.0246
	18	2.5	6	9	M3	5.0	6	2.6	2.6	M2,5	10	6	10.0	22630.0247
16	13	3.5	8	12	M4	6.5	8	3.3	3.1	M 3	13	8	14.0	22630.0248
	22	3.5	8	12	M4	6.5	8	3.3	3.1	M 3	13	8	22.0	22630.0249
20	15	5.0	12	18	M6	10.0	9	5.2	5.1	M 5	19	12	30.0	22630.0250
	25	5.0	12	18	M6	10.0	9	5.2	5.1	M 5	19	12	44.0	22630.0251
25	15	5.0	12	18	M6	10.0	9	5.2	5.1	M 5	19	12	41.0	22630.0252
	25	5.0	12	18	M6	10.0	9	5.2	5.1	M 5	19	12	62.0	22630.0253

¹⁾ can only be mounted from the top

Locating Pins • with ball end

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PRODUCT DESCRIPTION

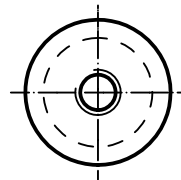
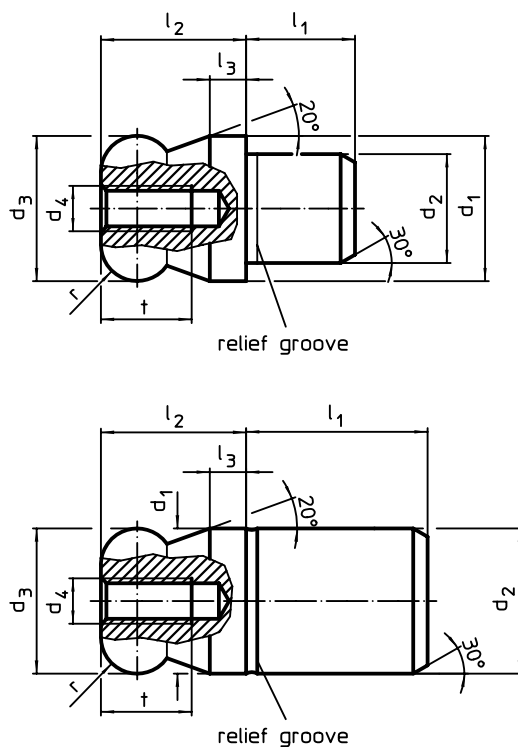
Ball ended locating pins facilitate easy inserting and removing avoiding clamping inclination.

Material

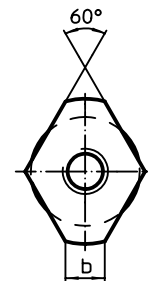
- Tool steel, hardened, blackened and ground

- Stainless steel 1.4305, ground, surface heat-treated

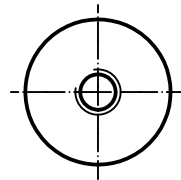
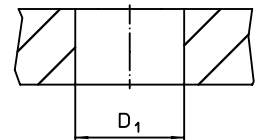
DRAWING



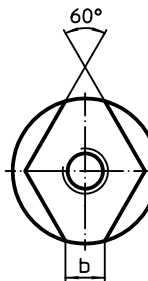
picture 1



picture 2



picture 3



picture 4

ORDER INFORMATION

d ₁ g6	d ₂ n6	d ₃ -0.01 -0.05	d ₄	Dimensions						Location hole D ₁ H7		Art. No.			
				l ₁	l ₂	l ₃	t	r	b			Tool steel	Stainless steel		
				[mm]								[mm]	[g]		
				with ball end plain – picture 1											
10	7	10	M3	7	10	2.5	6	2.5	–	7	6.7	22630.0310	22630.0350		
12	8	12	M4	8	12	3.0	8	3.0	–	8	11.0	22630.0312	22630.0352		
16	12	16	M5	12	16	4.0	10	4.0	–	12	31.0	22630.0316	22630.0356		
20	14	20	M5	14	20	5.0	10	5.0	–	14	58.0	22630.0320	22630.0360		
22	16	22	M5	16	22	5.5	10	5.5	–	16	81.0	22630.0322	–		
25	18	25	M5	18	25	6.0	10	6.0	–	18	118.0	22630.0325	–		

