

Locating Pins • with ball end

EH 22630.



Product Description

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

Material

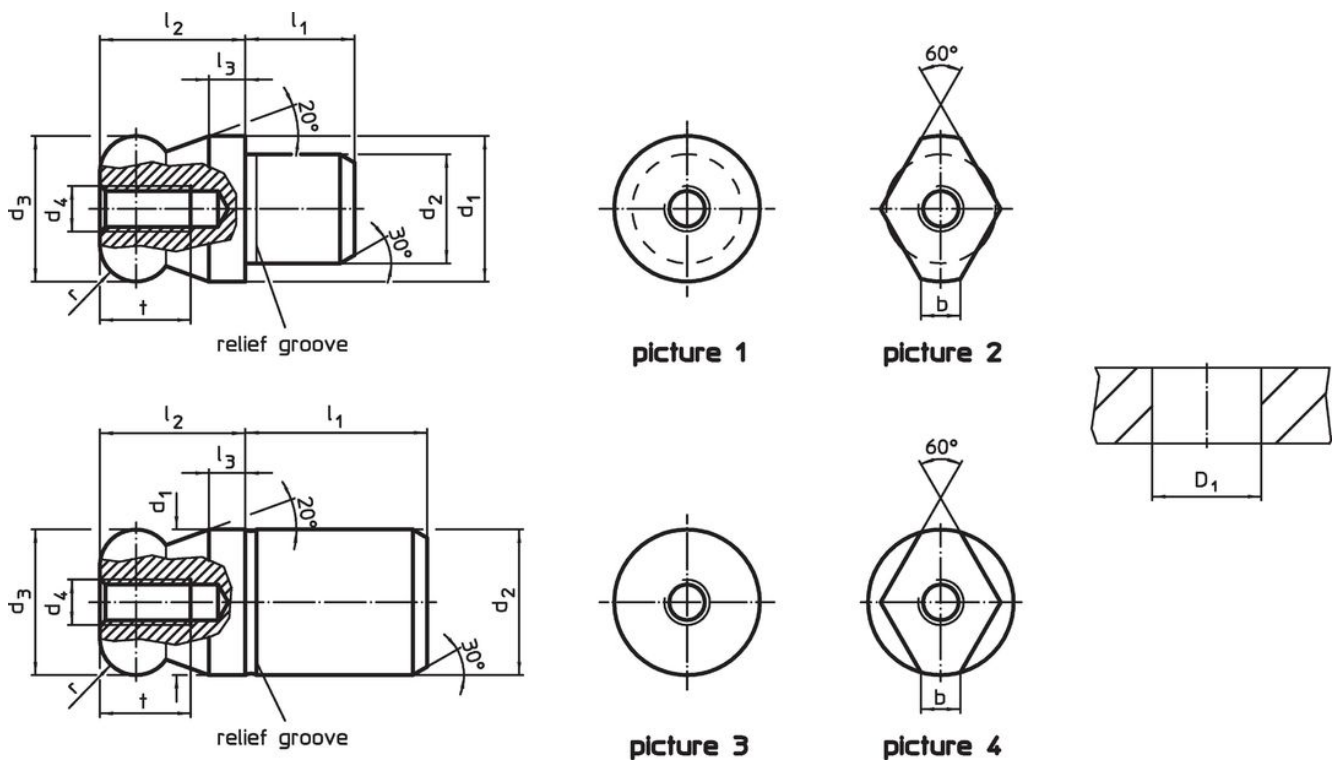
- Tool steel, hardened, blackened and ground
- Stainless steel 1.4305, ground, surface heat-treated

More information

Further products

- Locating Pins, DIN 6321
- Locating Pins, with bore hole similar to DIN 6321

Drawing



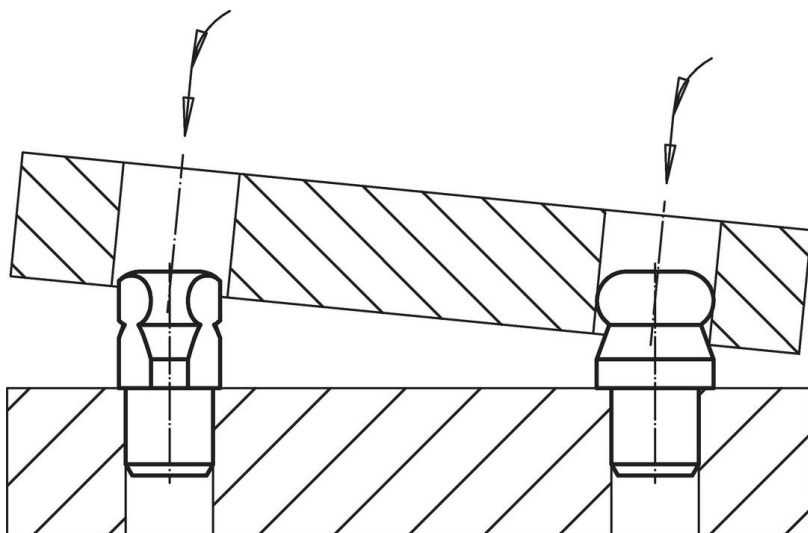
Order information

Dimensions										Location hole		Art. No.
d ₁ g6	d ₂ n6	d ₃ -0.01 -0.05	d ₄	l ₁	l ₂	l ₃	t	r	b	D ₁ H7		
[mm]										[mm]	[g]	
with ball end plain – picture 1, Tool steel												
6	4	6	M2,5	4	6	2.0	4.5	1.0	–	4	1.8	22630.0306
8	6	8	M 3	6	8	2.0	6.0	2.0	–	6	3.9	22630.0308
10	7	10	M 3	7	10	2.5	6.0	2.5	–	7	6.7	22630.0310
12	8	12	M 4	8	12	3.0	8.0	3.0	–	8	11.0	22630.0312
14	10	14	M 4	10	14	3.5	8.0	3.5	–	10	20.0	22630.0314
16	12	16	M 5	12	16	4.0	10.0	4.0	–	12	31.0	22630.0316
20	14	20	M 5	14	20	5.0	10.0	5.0	–	14	58.0	22630.0320
22	16	22	M 5	16	22	5.5	10.0	5.5	–	16	81.0	22630.0322
25	18	25	M 5	18	25	6.0	10.0	6.0	–	18	118.0	22630.0325

d ₁ g6	d ₂ n6	d ₃ -0.01 -0.05	Dimensions							Location hole D ₁ H7		Art. No.
			d ₄	l ₁	l ₂	l ₃	t	r	b			
			[mm]									
with ball end plain – picture 1, Stainless steel												
6	4	6	M2,5	4	6	2.0	4.5	1.0	–	4	1.8	22630.0346
8	6	8	M 3	6	8	2.0	6.0	2.0	–	6	4.0	22630.0348
10	7	10	M 3	7	10	2.5	6.0	2.5	–	7	6.7	22630.0350
12	8	12	M 4	8	12	3.0	8.0	3.0	–	8	11.0	22630.0352
14	10	14	M 4	10	14	3.5	8.0	3.5	–	10	20.0	22630.0354
16	12	16	M 5	12	16	4.0	10.0	4.0	–	12	31.0	22630.0356
20	14	20	M 5	14	20	5.0	10.0	5.0	–	14	58.0	22630.0360
with ball end flattened – picture 2, Tool steel												
6	4	6	M2,5	4	6	2.0	4.5	1.0	1.70	4	1.5	22630.0406
8	6	8	M 3	6	8	2.0	6.0	2.0	2.00	6	3.2	22630.0408
10	7	10	M 3	7	10	2.5	6.0	2.5	2.50	7	5.3	22630.0410
12	8	12	M 4	8	12	3.0	8.0	3.0	2.50	8	8.0	22630.0412
14	10	14	M 4	10	14	3.5	8.0	3.5	3.76	10	16.0	22630.0414
16	12	16	M 5	12	16	4.0	10.0	4.0	4.30	12	25.0	22630.0416
20	14	20	M 5	14	20	5.0	10.0	5.0	5.00	14	46.0	22630.0420
22	16	22	M 5	16	22	5.5	10.0	5.5	5.00	16	63.0	22630.0422
25	18	25	M 5	18	25	6.0	10.0	6.0	5.60	18	92.0	22630.0425
with ball end flattened – picture 2, Stainless steel												
6	4	6	M2,5	4	6	2.0	4.5	1.0	1.70	4	1.5	22630.0446
8	6	8	M 3	6	8	2.0	6.0	2.0	2.00	6	3.2	22630.0448
10	7	10	M 3	7	10	2.5	6.0	2.5	2.50	7	5.3	22630.0450
12	8	12	M 4	8	12	3.0	8.0	3.0	2.50	8	8.0	22630.0452
14	10	14	M 4	10	14	3.5	8.0	3.5	3.76	10	16.0	22630.0454
16	12	16	M 5	12	16	4.0	10.0	4.0	4.30	12	25.0	22630.0456
20	14	20	M 5	14	20	5.0	10.0	5.0	5.00	14	46.0	22630.0460
with ball end plain, not stepped – picture 3, Tool steel												
5	5	5	M2,5	6	5	2.0	4.5	1.0	–	5	2.4	22630.0505
6	6	6	M 3	8	6	2.0	5.0	1.0	–	6	2.9	22630.0506
8	8	8	M 3	10	8	2.0	6.0	2.0	–	8	6.0	22630.0508
10	10	10	M 3	13	10	2.5	6.0	2.5	–	10	12.0	22630.0510
12	12	12	M 4	15	12	3.0	8.0	3.0	–	12	21.0	22630.0512
14	14	14	M 4	17	14	3.5	8.0	3.5	–	14	34.0	22630.0514
16	16	16	M 5	20	16	4.0	10.0	4.0	–	16	51.0	22630.0516
20	20	20	M 5	25	20	5.0	10.0	5.0	–	20	101.0	22630.0520
25	25	25	M 5	25	25	6.0	10.0	6.0	–	25	176.0	22630.0525
30	30	30	M 6	30	30	8.0	12.0	8.0	–	30	307.0	22630.0530
40	40	40	M 6	40	40	10.0	12.0	10.0	–	40	729.0	22630.0540
50	50	50	M 6	50	50	12.0	12.0	12.0	–	50	1422.0	22630.0550
with ball end plain, not stepped – picture 3, Stainless steel												
5	5	5	M2,5	6	5	2.0	4.5	1.0	–	5	1.8	22630.0565
6	6	6	M 3	8	6	2.0	5.0	1.0	–	6	3.4	22630.0566
8	8	8	M 3	10	8	2.0	6.0	2.0	–	8	6.0	22630.0568
10	10	10	M 3	13	10	2.5	6.0	2.5	–	10	12.0	22630.0570
12	12	12	M 4	15	12	3.0	8.0	3.0	–	12	21.0	22630.0572
14	14	14	M 4	17	14	3.5	8.0	3.5	–	14	34.0	22630.0574
16	16	16	M 5	20	16	4.0	10.0	4.0	–	16	51.0	22630.0576
20	20	20	M 5	25	20	5.0	10.0	5.0	–	20	101.0	22630.0580
with ball end flattened, not stepped – picture 4, Tool steel												
5	5	5	M2,5	6	5	2.0	4.5	1.0	1.50	5	1.2	22630.0605
6	6	6	M 3	8	6	2.0	5.0	1.0	1.80	6	3.1	22630.0606
8	8	8	M 3	10	8	2.0	6.0	2.0	1.90	8	5.0	22630.0608
10	10	10	M 3	13	10	2.5	6.0	2.5	2.50	10	11.0	22630.0610
12	12	12	M 4	15	12	3.0	8.0	3.0	2.50	12	17.0	22630.0612
14	14	14	M 4	17	14	3.5	8.0	3.5	3.90	14	30.0	22630.0614
16	16	16	M 5	20	16	4.0	10.0	4.0	4.30	16	44.0	22630.0616
20	20	20	M 5	25	20	5.0	10.0	5.0	5.00	20	88.0	22630.0620

Dimensions										Location hole		Art. No.
d ₁	d ₂	d ₃	d ₄	l ₁	l ₂	l ₃	t	r	b	D ₁		
g6	n6	-0.01 -0.05								H7		
[mm]										[mm]	[g]	
25	25	25	M 5	25	25	6.0	10.0	6.0	5.60	25	149.0	22630.0625
30	30	30	M 6	30	30	8.0	12.0	8.0	8.80	30	270.0	22630.0630
40	40	40	M 6	40	40	10.0	12.0	10.0	12.80	40	657.0	22630.0640
50	50	50	M 6	50	50	12.0	12.0	12.0	16.70	50	1243.0	22630.0650
with ball end flattened, not stepped – picture 4, Stainless steel												
5	5	5	M2,5	6	5	2.0	4.5	1.0	1.50	5	1.1	22630.0665
6	6	6	M 3	8	6	2.0	5.0	1.0	1.80	6	2.3	22630.0666
8	8	8	M 3	10	8	2.0	6.0	2.0	1.90	8	5.0	22630.0668
10	10	10	M 3	13	10	2.5	6.0	2.5	2.50	10	11.0	22630.0670
12	12	12	M 4	15	12	3.0	8.0	3.0	2.50	12	17.0	22630.0672
14	14	14	M 4	17	14	3.5	8.0	3.5	3.90	14	30.0	22630.0674
16	16	16	M 5	20	16	4.0	10.0	4.0	4.30	16	44.0	22630.0676
20	20	20	M 5	25	20	5.0	10.0	5.0	5.00	20	88.0	22630.0680

Application example



Compliance

RoHS compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 23.01.2024.

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.