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Index Plungers • with pull-ring
EH 22120.



Product Description

Index plungers are used in indexing bores and serve for secure locking and precise positioning. Components can be reliably positioned or released without the use of additional tools. This enables fast, repeatable positioning and ensures a high level of process reliability.
Index plungers are used wherever components need to be positioned or locked quickly, safely and precisely. Typical applications include mechanical and plant engineering, fixture and tool construction, as well as assembly and production technology. They also ensure smooth operation in transport and packaging systems.

Material

Body
- Steel, blackened
- Stainless steel 1.4305

Locking pin
- Stainless steel 1.4305, nickel-plated

Pull-ring
- Stainless steel 1.4310

Assembly

Lock nuts have to be purchased separately.

Operation

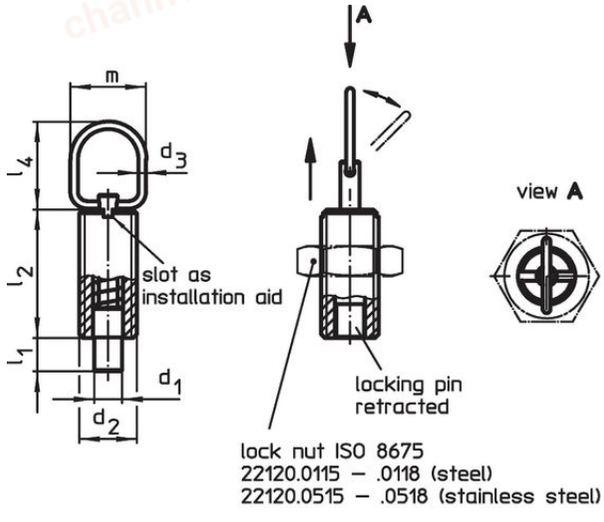
When using the locking version, you turn the pull-ring by 90° after retracting the locking pin and secure the ring using the notched catch (if the locking pin should not overhang).

More information

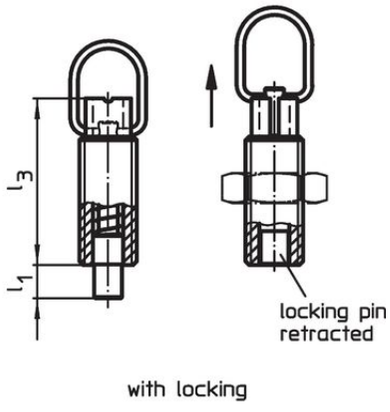
Further products

- Mounting Blocks, for index bolts and index plungers, die-cast
- Locating Bushings, for index bolts and index plungers
- Distance Collars, for index plungers
- Mounting Blocks, for index bolts and index plungers
- Lock nuts ISO 8675 (DIN 439), for index bolts and index plungers
- Lock nuts ISO 4035, for index bolts and index plungers

Drawing



picture 1



picture 2

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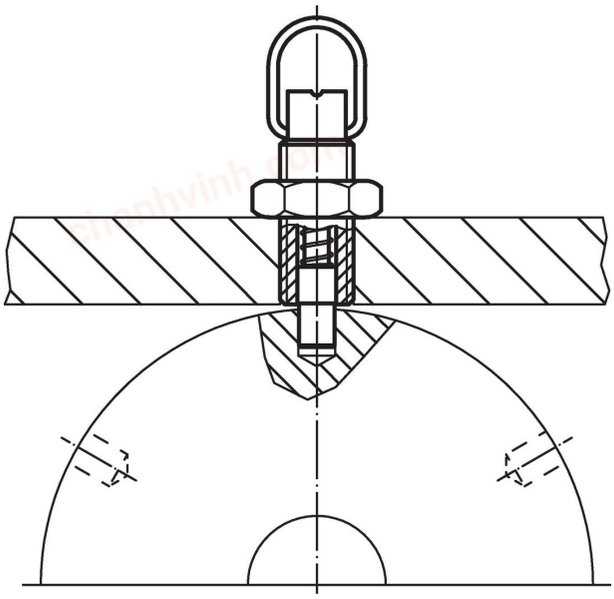
Order information

Dimensions								Stroke	Spring load[1]				Art. No.
d_1 -0.05 -0.1	d_2	d_3	l_1 min.	l_2	l_3	l_4	m	s	F_1 ~	F_2 ~	max.		
[mm]								[mm]	[N]		[°C]	[g]	
without locking – picture 1, Steel													
5	**M10**	1.5	5	22	28	23	18	5	5	15	250	11	22120.1310
5	**M10 x 1**	1.5	5	22	28	23	18	5	5	15	250	12	22120.1312
6	**M12**	2.0	6	24	31	25	22	6	6	21	250	18	22120.1314
6	**M12 x 1,5**	2.0	6	24	31	25	22	6	6	21	250	18	22120.1316
8	**M16**	2.0	9	34	44	25	22	9	7	27	250	43	22120.1318
8	**M16 x 1,5**	2.0	9	34	44	25	22	9	7	27	250	45	22120.1320
10	**M16**	2.0	9	34	44	25	22	9	7	27	250	260	22120.1322
10	**M16 x 1,5**	2.0	9	34	44	25	22	9	7	27	250	47	22120.1324
without locking – picture 1, Stainless steel													
5	**M10**	1.5	5	22	28	23	18	5	5	15	250	11	22120.1410
5	**M10 x 1**	1.5	5	22	28	23	18	5	5	15	250	12	22120.1412
6	**M12**	2.0	6	24	31	25	22	6	6	21	250	18	22120.1414
6	**M12 x 1,5**	2.0	6	24	31	25	22	6	6	21	250	18	22120.1416
8	**M16**	2.0	9	34	44	25	22	9	7	27	250	43	22120.1418
8	**M16 x 1,5**	2.0	9	34	44	25	22	9	7	27	250	45	22120.1420
10	**M16**	2.0	9	34	44	25	22	9	7	27	250	45	22120.1422
10	**M16 x 1,5**	2.0	9	34	44	25	22	9	7	27	250	47	22120.1424
with locking – picture 2, Steel													
5	**M10**	1.5	5	22	28	23	18	5	5	15	250	12	22120.1340
5	**M10 x 1**	1.5	5	22	28	23	18	5	5	15	250	13	22120.1342
6	**M12**	2.0	6	24	31	25	22	6	6	21	250	19	22120.1344
6	**M12 x 1,5**	2.0	6	24	31	25	22	6	6	21	250	20	22120.1346
8	**M16**	2.0	9	34	44	25	22	9	7	27	250	48	22120.1348
8	**M16 x 1,5**	2.0	9	34	44	25	22	9	7	27	250	51	22120.1350
10	**M16**	2.0	9	34	44	25	22	9	7	27	250	50	22120.1352
10	**M16 x 1,5**	2.0	9	34	44	25	22	9	7	27	250	53	22120.1354
with locking – picture 2, Stainless steel													
5	**M10**	1.5	5	22	28	23	18	5	5	15	250	12	22120.1440
5	**M10 x 1**	1.5	5	22	28	23	18	5	5	15	250	17	22120.1442
6	**M12**	2.0	6	24	31	25	22	6	6	21	250	20	22120.1444
6	**M12 x 1,5**	2.0	6	24	31	25	22	6	6	21	250	20	22120.1446
8	**M16**	2.0	9	34	44	25	22	9	7	27	250	48	22120.1448
8	**M16 x 1,5**	2.0	9	34	44	25	22	9	7	27	250	51	22120.1450
10	**M16**	2.0	9	34	44	25	22	9	7	27	250	51	22120.1452
10	**M16 x 1,5**	2.0	9	34	44	25	22	9	7	27	250	53	22120.1454

[1] statistical average value

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Application example



Compliance

For detailed compliance information please select the desired article number.

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