


Metric



SS

Stainless Steel

3

Type

A Non lock-out, without lock nut

AK Non lock-out, with lock nut

C Lock-out, without lock nut

CK Lock-out, with lock nut

Metric table

1

2

Dimensions in: millimeters - inches

d ₁ Pin <small>Pin -0.15 Bore H7</small>	d ₂		d ₃	l ₁ min.	l ₂	l ₃	l ₄	m	Spring load ≈	
									Initial	End
5 0.20	M 10	M 10 x 1	1.5 0.06	5 0.20	22 0.87	28 1.10	23 0.91	18 0.71	5 N 1.12 lbf	15 N 3.37 lbf
6 0.24	M 12	M 12 x 1.5	2 0.08	6 0.24	24 0.94	31 1.22	25 0.98	22 0.87	6 N 1.35 lbf	21 N 4.72 lbf
8 0.31	M 16	M 16 x 1.5	2 0.08	9 0.35	34 1.34	44 1.73	25 0.98	22 0.87	7 N 1.57 lbf	27 N 6.07 lbf
10 0.39	M 16	M 16 x 1.5	2 0.08	9 0.35	34 1.34	44 1.73	25 0.98	22 0.87	7 N 1.57 lbf	27 N 6.07 lbf

Specification

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• Threaded body	ST NI
- Steel, blackened finish	
- Stainless steel AISI 303	
• Plunger pin	
Stainless steel AISI 303	
Chemically nickel plated	
• Spring	
Stainless steel AISI 301	
• Pull ring	
Stainless steel AISI 301	
• Lock nut	
DIN 439 B / ISO 4035 / ISO 8675	
- Steel, blackened finish	
- Stainless steel (A2)	
• Load Rating Information → page 2103	
• ISO Fundamental Tolerances → page 2129	
• Stainless Steel Characteristics → page 2143	
• RoHS compliant	

Information

GN 413 indexing plungers, due to its shape, the pull ring can be used both as a screw-in aid during assembly, and to retract the plunger pin for positioning or locking the pin in the retracted position (Type C / CK).

Lock-out types C / CK are used for applications where the plunger pin needs to stay in its retracted position. To achieve this, the pull ring is rotated by 90 degrees after being retracted. A notch keeps the plunger in the retracted position.

see also...

- List of Indexing Plunger Types → page 915

How to order

1	Pin diameter d ₁
2	Thread d ₂
3	Type
4	Material

1

2

3

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GN 413-8-M16-CK-ST