



- 3** **Type**
- A** Non lock-out, without lock nut
 - AK** Non lock-out, with lock nut
 - R** Lock-out, without lock nut
 - RK** Lock-out, with lock nut
 - S** With safety lock-out, without lock nut
 - SK** With safety lock-out, with lock nut

Metric table

1 d₁ Pin h9 Bore G7	2 d₂	d₃	l₁ ≈	l₂ ±0.5		l₃ min.	l₄	Spring load ≈	
				Type A / AK Type R / RK	Type S/SK			Initial	End
6 0.24	M 16 x 1.5	16 0.63	60 2.36	8 0.31	6 0.24	35 1.38	32 1.26	7 N 1.57 lbf	16.5 N 3.71 lbf
8 0.31	M 16 x 1.5	16 0.63	60 2.36	8 0.31	6 0.24	35 1.38	32 1.26	7 N 1.57 lbf	16.5 N 3.71 lbf

Dimensions in: millimeters - inches

Specification

- Threaded body
Steel, zinc plated, blue passivated finish
- Plunger pin
Stainless steel AISI 303
- Lever arm
Plastic
Technopolymer (Polyamide PA)
- Temperature resistant up to 230 °F (110 °C)
- Black, matte finish
- Not removable
- Lock nut
Steel, zinc plated
DIN 439 B / ISO 8675
- Load Rating Information → page 2103
- ISO Fundamental Tolerances → page 2129
- RoHS compliant

On request

- Stainless steel version

Information

GN 712.1 cam action indexing plungers are used in applications where the plunger pin has to protrude only occasionally. When the lever arm is turned by 90 or 120 degrees in a clockwise direction, the plunger pin is moved through a curved opening in the body. Then, the plunger pin is protruding.

Each version has its advantages as follows:

Type A / AK: After turning the lever arm clockwise 90 degrees to protrude the plunger pin, releasing the lever arm allows the plunger pin via the spring to retract automatically.

Type R / RK: After turning the lever arm clockwise 120 degrees to protrude the plunger pin, there is a lock-out position for the guide pin that holds, via the spring, the protruding plunger pin in place. Turning the lever arm counter-clockwise releases the plunger pin to its normal retracted position.

Type S / SK: After turning the lever clockwise 120 degrees to protrude the plunger pin, there is a secure lock-out position for the guide pin holding the protruding plunger pin, via the spring, in place. Pushing down, turning the lever arm counter-clockwise and releasing the lever arm allows the plunger pin to retract to its normal position.

see also...

- List of Cam Action Indexing Plungers Types → page 1001

How to order	
1	Pin diameter d ₁
2	Thread d ₂
3	Type

GN 712.1-6-M16x1.5-S

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10