



- 3

Type
- A

Without rest position, without lock nut
- AK

Without rest position, with lock nut
- R

With rest position, without lock nut
- RK

With rest position, with lock nut
- S

With safety-rest position, without lock nut
- SK

With safety-rest position, with lock nut

| 1 | | 2 | | | | | | | | | |
|---|----------------|----------------|------------------|---------------------|-------------|-------------|------------------------|----------------|--------------------|------|--|
| d ₁ Pin h9 Bore ^{+0,03} _{+0,1} | d ₂ | d ₃ | l ₁ ≈ | l ₂ ±0,5 | | Type S / SK | l ₃ min. | l ₄ | Spring load in N ≈ | | |
| | | | | Type A / AK | Type R / RK | | | | Initial | End | |
| | | | | | | | | | | | |
| 6 | M 16 x 1,5 | 16 | 60 | 8 | | 6 | 35 | 32 | 7 | 16,5 | |
| 8 | M 16 x 1,5 | 16 | 60 | 8 | | 6 | 35 | 32 | 7 | 16,5 | |

Specification

Guide

Steel zinc plated, blue passivated

Plunger pin

Stainless steel AISI 303

Latch

Plastic, Polyamide (PA)

- Black, matte finish
- Not removable

RoHS

On request

- Guide in stainless steel

| Technical Information | Page |
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| List of cam action indexing plunger types | QVX |
| Load Rating Information | QVX |
| ISO Fundamental Tolerances | QVX |
| Metric ISO fine thread DIN 13 | QVX |
| Plastic Characteristics | QVX |
| Stainless Steel Characteristics | QVX |

Cam action indexing plungers GN 712.1 are used in such applications where the plunger pin has to protrude only occasionally. When turning the cam by 90° resp. 120° degrees in clockwise direction, the plunger pin is moved through a curved opening in the body. After that, the plunger pin is protruded.

Depending on the type, the plunger pin is moved back by a pressure spring in its original position (Type A), is held in protruded position (Type R), resp. is secured against accidental operation (Type S). In order to move the plunger pin, this safety version requires an additional pushing of the latch.

see also...

GN 712 Cam Action Indexing Plungers (preceding plunger in normal position)

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| How to order | | 1 | d ₁ |
|----------------------|--|---|----------------|
| | | 2 | d ₂ |
| | | 3 | Type |
| GN 712.1-6-M16x1,5-S | | | |