

Cam action indexing plungers

Plunger Pin in standard position retracted

SPECIFICATION

Types

- Type **A**: without rest position, without lock nut
- Type **AK**: without rest position, with lock nut
- Type **R**: with rest position, without lock nut
- Type **RK**: with rest position, with lock nut
- Type **S**: with safety rest position, without lock nut
- Type **SK**: with safety rest position, with lock nut

Steel

zinc plated, blue passivated

Pin

Stainless Steel AISI 303

Latch

Plastic Technopolymer (Polyamide PA)

- black, matt
- not removable

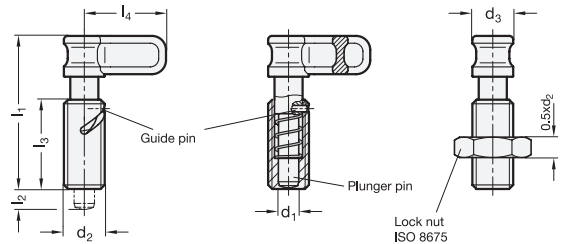


INFORMATION

Cam action indexing plungers GN 712.1 are used in such applications where the plunger must not protrude continually. When turning the cam by 90° resp. 120° degrees in anti-clockwise direction, the plunger is moved through a curved opening in the body. After that, the plunger is protruded.

Depending on the type, the plunger is moved back by a 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, safety version Type S requires an additional pushing of the latch.

- Range of cam action indexing plungers (see page 816)

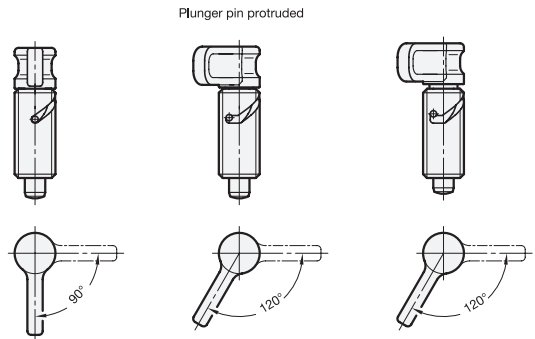


TECHNICAL INFORMATION

- ISO-Fundamental Tolerances (see page A21)
- Stainless Steel characteristics (see page A26)
- Plastic characteristics (see page A2)
- Load rating information (see page A42)

ON REQUEST

- Stainless Steel guide



GN 712.1

Description	d1 Pin -0.02/-0.05 Bore G7	d2	d3	l1 ≈	l2 ±0.5	l3 min.	l4	Spring load in N ≈ initial	Spring load in N ≈ end	
GN 712.1-6-M16x1,5-A	6	M 16 x 1.5	16	60	8	35	32	7	16.5	54
GN 712.1-8-M16x1,5-A	8	M 16 x 1.5	16	60	8	35	32	7	16.5	55
GN 712.1-6-M16x1,5-AK	6	M 16 x 1.5	16	60	8	35	32	7	16.5	60
GN 712.1-8-M16x1,5-AK	8	M 16 x 1.5	16	60	8	35	32	7	16.5	60
GN 712.1-6-M16x1,5-R	6	M 16 x 1.5	16	60	8	35	32	7	16.5	54
GN 712.1-8-M16x1,5-R	8	M 16 x 1.5	16	60	8	35	32	7	16.5	60
GN 712.1-6-M16x1,5-RK	6	M 16 x 1.5	16	60	8	35	32	7	16.5	60
GN 712.1-8-M16x1,5-RK	8	M 16 x 1.5	16	60	8	35	32	7	16.5	73
GN 712.1-6-M16x1,5-S	6	M 16 x 1.5	16	60	6	35	32	7	16.5	60
GN 712.1-8-M16x1,5-S	8	M 16 x 1.5	16	60	6	35	32	7	16.5	65
GN 712.1-6-M16x1,5-SK	6	M 16 x 1.5	16	60	6	35	32	7	16.5	70
GN 712.1-8-M16x1,5-SK	8	M 16 x 1.5	16	60	6	35	32	7	16.5	75