GN 721.5

Cam Action Indexing Plungers

Stainless Steel, without Locking Function, with 180° Limit Stop

SPECIFICATION

Types
- Type **RA**: Right-hand lock
- Type **RB**: Right-hand lock, with plastic cap
- Type **RAK**: Right-hand lock, with lock nut
- Type **RBK**: Right-hand lock, with plastic cap, with lock nut
- Type **LA**: Left-hand lock
- Type **LB**: Left-hand lock, with plastic cap
- Type **LAK**: Left-hand lock, with lock nut
- Type **LBK**: Left-hand lock, with plastic cap, with lock nut

Guide / Plunger pin / Latch arm
Stainless steel AISI 303

Cap for type RB / RBK / LB / LBK
Plastic, Polyamide (PA)
Black, matte finish

Pressure spring
Stainless steel AISI 301

Lock nut ISO 8675
Stainless steel

INFORMATION

For cam action indexing plungers GN 721.5 the indexing plunger pin is withdrawn by turning the lock by 180°.
For opposing cam action indexing plungers the left or right-handed types allow practical use, that is the same setting of the lock.
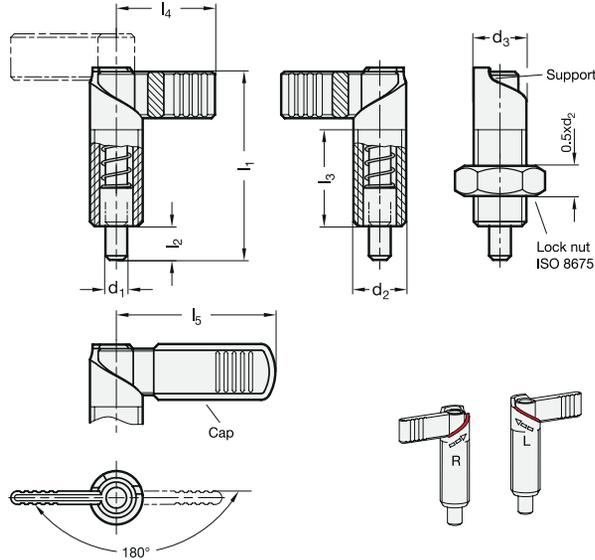
ACCESSORY

GN 909.5 Thin Hex Nuts (see page)

TECHNICAL INFORMATION

- List of Cam Action Indexing Plungers Types (see page 816)
- Load Rating Information (see page A42)
- ISO-Fundamental Tolerances (see page A21)
- Plastic Characteristics (see page A2)
- Stainless Steel Characteristics (see page A26)
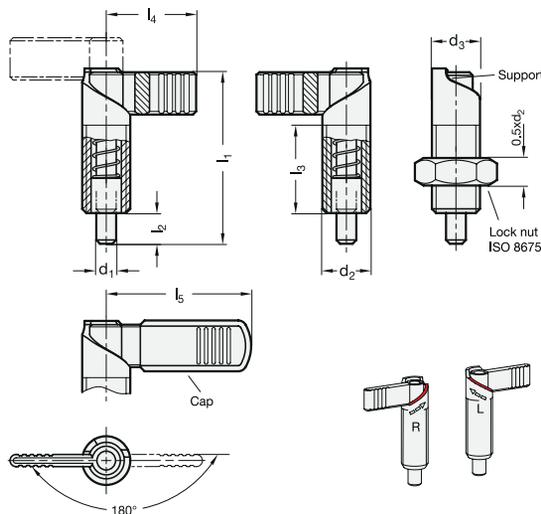
GN 721.5-RA
STAINLESS STEEL

Description	d1 Pin -0.05/-0.08 Bore H7	d2	d3	l1	l2	l3 +1.5	l4	l5	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 721.5-5-M10x1-RA	5	M 10 x 1	10	37.5	6	19	21	-	7	20	18
GN 721.5-6-M12x1,5-RA	6	M 12 x 1.5	12	47	8	26	26	32	8	18	30
GN 721.5-8-M16x1,5-RA	8	M 16 x 1.5	16	56	10	30	32	42	11	29	64
GN 721.5-10-M20x1,5-RA	10	M 20 x 1.5	20	69	12	37	37	52	21	57	129

GN 721.5-RB
STAINLESS STEEL

Description	d1 Pin -0.05/-0.08 Bore H7	d2	d3	l1	l2	l3 +1.5	l4	l5	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 721.5-6-M12x1,5-RB	6	M 12 x 1.5	12	47	8	26	26	32	8	18	30
GN 721.5-8-M16x1,5-RB	8	M 16 x 1.5	16	56	10	30	32	42	11	29	66
GN 721.5-10-M20x1,5-RB	10	M 20 x 1.5	20	69	12	37	37	52	21	57	132

GN 721.5-RAK
STAINLESS STEEL

Description	d1 Pin -0.05/-0.08 Bore H7	d2	d3	l1	l2	l3 +1.5	l4	l5	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 721.5-5-M10x1-RAK	5	M 10 x 1	10	37.5	6	19	21	-	7	20	12
GN 721.5-6-M12x1,5-RAK	6	M 12 x 1.5	12	47	8	26	26	32	8	18	30
GN 721.5-8-M16x1,5-RAK	8	M 16 x 1.5	16	56	10	30	32	42	11	29	85
GN 721.5-10-M20x1,5-RAK	10	M 20 x 1.5	20	69	12	37	37	52	21	57	159

GN 721.5-RBK
STAINLESS STEEL

Description	d1 Pin -0.05/-0.08 Bore H7	d2	d3	l1	l2	l3 +1.5	l4	l5	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 721.5-6-M12x1,5-RBK	6	M 12 x 1.5	12	47	8	26	26	32	8	18	30
GN 721.5-8-M16x1,5-RBK	8	M 16 x 1.5	16	56	10	30	32	42	11	29	85
GN 721.5-10-M20x1,5-RBK	10	M 20 x 1.5	20	69	12	37	37	52	21	57	162

Indexing elements   8

GN 721.5 | Cam Action Indexing Plungers

Support

Lock nut ISO 8675

Cap

R   L

180°
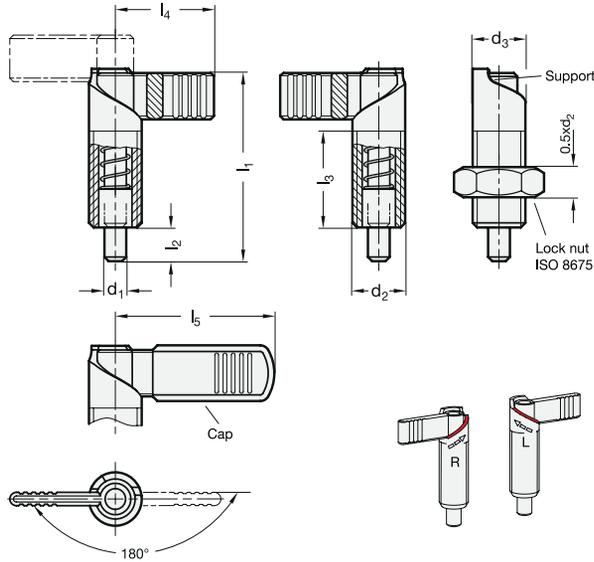
GN 721.5-LA

STAINLESS STEEL

Description	d₁ Pin -0.05/-0.08 Bore H7	d₂	d₃	l₁	l₂	l₃ +1.5	l₄	l₅	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 721.5-5-M10x1-LA	5	M 10 x 1	10	37.5	6	19	21	-	7	20	18
GN 721.5-6-M12x1,5-LA	6	M 12 x 1.5	12	47	8	26	26	32	8	18	30
GN 721.5-8-M16x1,5-LA	8	M 16 x 1.5	16	56	10	30	32	42	11	29	64
GN 721.5-10-M20x1,5-LA	10	M 20 x 1.5	20	69	12	37	37	52	21	57	129

GN 721.5-LB

STAINLESS STEEL

Description	d₁ Pin -0.05/-0.08 Bore H7	d₂	d₃	l₁	l₂	l₃ +1.5	l₄	l₅	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 721.5-6-M12x1,5-LB	6	M 12 x 1.5	12	47	8	26	26	32	8	18	30
GN 721.5-8-M16x1,5-LB	8	M 16 x 1.5	16	56	10	30	32	42	11	29	66
GN 721.5-10-M20x1,5-LB	10	M 20 x 1.5	20	69	12	37	37	52	21	57	132

GN 721.5-LAK

STAINLESS STEEL

Description	d₁ Pin -0.05/-0.08 Bore H7	d₂	d₃	l₁	l₂	l₃ +1.5	l₄	l₅	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 721.5-5-M10x1-LAK	5	M 10 x 1	10	37.5	6	19	21	-	7	20	12
GN 721.5-6-M12x1,5-LAK	6	M 12 x 1.5	12	47	8	26	26	32	8	18	30
GN 721.5-8-M16x1,5-LAK	8	M 16 x 1.5	16	56	10	30	32	42	11	29	85
GN 721.5-10-M20x1,5-LAK	10	M 20 x 1.5	20	69	12	37	37	52	21	57	159

GN 721.5-LBK

STAINLESS STEEL

Description	d₁ Pin -0.05/-0.08 Bore H7	d₂	d₃	l₁	l₂	l₃ +1.5	l₄	l₅	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 721.5-6-M12x1,5-LBK	6	M 12 x 1.5	12	47	8	26	26	32	8	18	30
GN 721.5-8-M16x1,5-LBK	8	M 16 x 1.5	16	56	10	30	32	42	11	29	85
GN 721.5-10-M20x1,5-LBK	10	M 20 x 1.5	20	69	12	37	37	52	21	57	162

8 — Indexing elements

elesa+Ganter