

Cam Action Indexing Plungers

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 / Latch arm

Steel
Blackened

Plunger pin

Steel
Nitrided

Cap for type RB / RBK / LB / LBK

Plastic, Polyamide (PA)
Black, matte finish

Pressure spring

Stainless steel AISI 301

INFORMATION

For cam action indexing plungers GN 721 the indexing plunger pin is withdrawn by turning the lock by 180°.

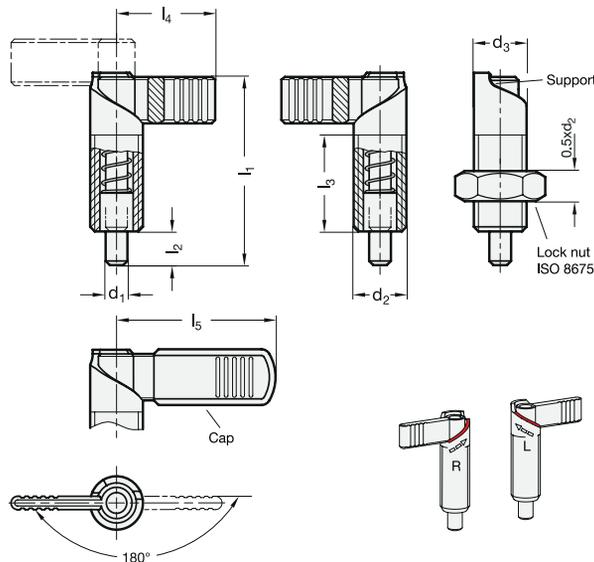
When the cam action indexing plungers are positioned symmetrically, the left or right handed types allow for a practical, i.e. equal, direction setting of the lock.

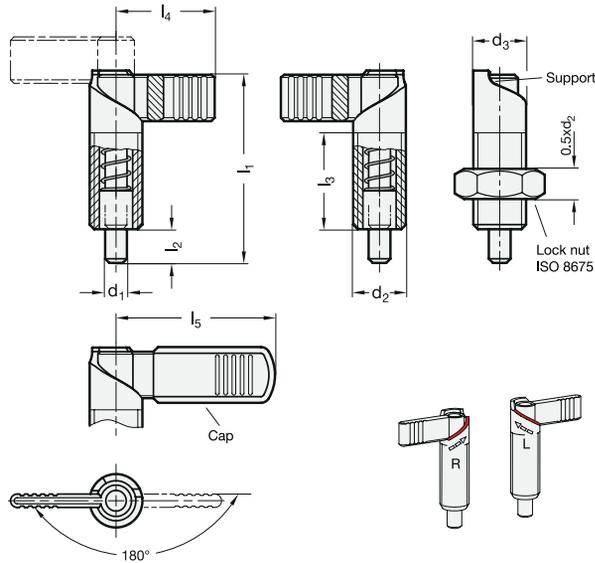
ACCESSORY

ISO 8675 Thin Hex Nuts (see page)
GN 909 Thin Hex Nuts (see page 809)

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-RA

Description	d1 Pin -0.02/-0.05 Bore H7	d2	d3	l1	l2	l3 +1.5	l4	l5	Spring load in N ≈ initial	Spring load in N ≈ end	⚖️
GN 721-5-M10x1-RA	5	M 10 x 1	10	37.5	6	19	21	-	7	20	18
GN 721-6-M12x1,5-RA	6	M 12 x 1.5	12	47	8	26	26	32	8	18	30
GN 721-8-M16x1,5-RA	8	M 16 x 1.5	16	56	10	30	32	42	11	29	65
GN 721-10-M20x1,5-RA	10	M 20 x 1.5	20	69	12	37	37	52	21	57	130

GN 721-RB

Description	d1 Pin -0.02/-0.05 Bore H7	d2	d3	l1	l2	l3 +1.5	l4	l5	Spring load in N ≈ initial	Spring load in N ≈ end	⚖️
GN 721-6-M12x1,5-RB	6	M 12 x 1.5	12	47	8	26	26	32	8	18	30
GN 721-8-M16x1,5-RB	8	M 16 x 1.5	16	56	10	30	32	42	11	29	66
GN 721-10-M20x1,5-RB	10	M 20 x 1.5	20	69	12	37	37	52	21	57	133

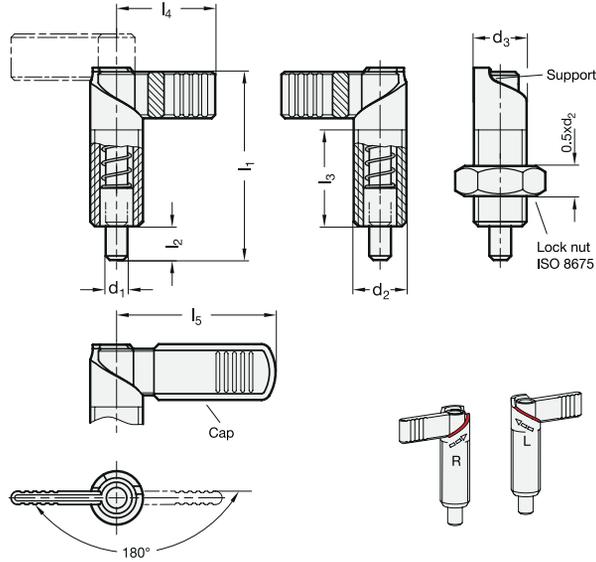
GN 721-RAK

Description	d1 Pin -0.02/-0.05 Bore H7	d2	d3	l1	l2	l3 +1.5	l4	l5	Spring load in N ≈ initial	Spring load in N ≈ end	⚖️
GN 721-5-M10x1-RAK	5	M 10 x 1	10	37.5	6	19	21	-	7	20	23
GN 721-6-M12x1,5-RAK	6	M 12 x 1.5	12	47	8	26	26	32	8	18	38
GN 721-8-M16x1,5-RAK	8	M 16 x 1.5	16	56	10	30	32	42	11	29	82
GN 721-10-M20x1,5-RAK	10	M 20 x 1.5	20	69	12	37	37	52	21	57	163

GN 721-RBK

Description	d1 Pin -0.02/-0.05 Bore H7	d2	d3	l1	l2	l3 +1.5	l4	l5	Spring load in N ≈ initial	Spring load in N ≈ end	⚖️
GN 721-6-M12x1,5-RBK	6	M 12 x 1.5	12	47	8	26	26	32	8	18	39
GN 721-8-M16x1,5-RBK	8	M 16 x 1.5	16	56	10	30	32	42	11	29	84
GN 721-10-M20x1,5-RBK	10	M 20 x 1.5	20	69	12	37	37	52	21	57	166





GN 721-LA

Description	d ₁ Pin -0.02/-0.05 Bore H7	d ₂	d ₃	l ₁	l ₂	l ₃ +1.5	l ₄	l ₅	Spring load in N ≈ initial	Spring load in N ≈ end	⚖️
GN 721-5-M10x1-LA	5	M 10 x 1	10	37.5	6	19	21	-	7	20	18
GN 721-6-M12x1,5-LA	6	M 12 x 1.5	12	47	8	26	26	32	8	18	30
GN 721-8-M16x1,5-LA	8	M 16 x 1.5	16	56	10	30	32	42	11	29	65
GN 721-10-M20x1,5-LA	10	M 20 x 1.5	20	69	12	37	37	52	21	57	130

GN 721-LB

Description	d ₁ Pin -0.02/-0.05 Bore H7	d ₂	d ₃	l ₁	l ₂	l ₃ +1.5	l ₄	l ₅	Spring load in N ≈ initial	Spring load in N ≈ end	⚖️
GN 721-6-M12x1,5-LB	6	M 12 x 1.5	12	47	8	26	26	32	8	18	30
GN 721-8-M16x1,5-LB	8	M 16 x 1.5	16	56	10	30	32	42	11	29	66
GN 721-10-M20x1,5-LB	10	M 20 x 1.5	20	69	12	37	37	52	21	57	133

GN 721-LAK

Description	d ₁ Pin -0.02/-0.05 Bore H7	d ₂	d ₃	l ₁	l ₂	l ₃ +1.5	l ₄	l ₅	Spring load in N ≈ initial	Spring load in N ≈ end	⚖️
GN 721-5-M10x1-LAK	5	M 10 x 1	10	37.5	6	19	21	-	7	20	23
GN 721-6-M12x1,5-LAK	6	M 12 x 1.5	12	47	8	26	26	32	8	18	38
GN 721-8-M16x1,5-LAK	8	M 16 x 1.5	16	56	10	30	32	42	11	29	82
GN 721-10-M20x1,5-LAK	10	M 20 x 1.5	20	69	12	37	37	52	21	57	163

GN 721-LBK

Description	d ₁ Pin -0.02/-0.05 Bore H7	d ₂	d ₃	l ₁	l ₂	l ₃ +1.5	l ₄	l ₅	Spring load in N ≈ initial	Spring load in N ≈ end	⚖️
GN 721-5-M10x1-LAK	5	M 10 x 1	10	37.5	6	19	21	-	7	20	23
GN 721-6-M12x1,5-LAK	6	M 12 x 1.5	12	47	8	26	26	32	8	18	38
GN 721-8-M16x1,5-LAK	8	M 16 x 1.5	16	56	10	30	32	42	11	29	82
GN 721-10-M20x1,5-LAK	10	M 20 x 1.5	20	69	12	37	37	52	21	57	163

Indexing elements