

Cam Action Indexing Plungers

Stainless Steel, with 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

The groove on cam action indexing plungers GN 721.6 ensures that the locking pin remains in its withdrawn position.

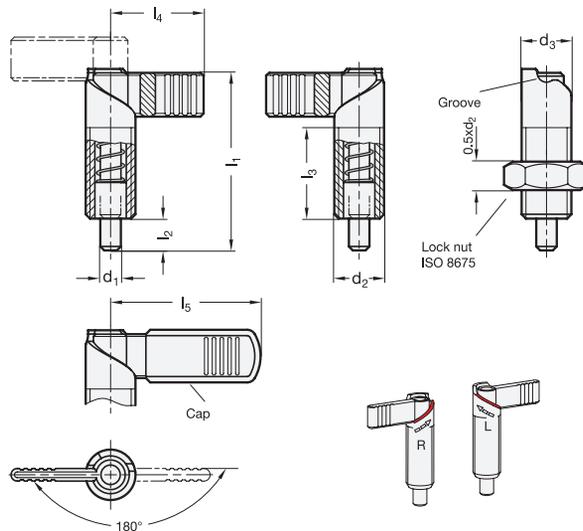
For opposing cam action indexing plungers the left or right-handed types allow practical use, that is the same setting of the lock.

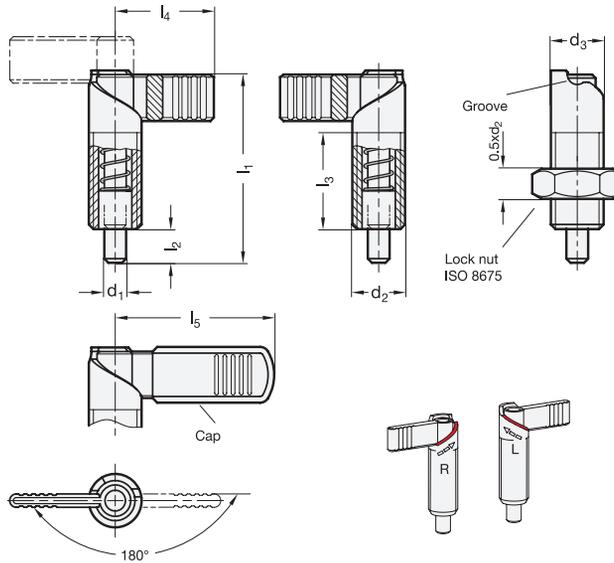
ACCESSORY

GN 909.5 Thin Hex Nuts (see page 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 721.6-RA

STAINLESS STEEL

Description	d ₁ Pin -0.05/-0.08 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 721.6-5-M10x1-RA	5	M 10 x 1	10	37.5	6	19	21	-	7	20	18
GN 721.6-6-M12x1,5-RA	6	M 12 x 1.5	12	47	8	26	26	32	8	18	30
GN 721.6-8-M16x1,5-RA	8	M 16 x 1.5	16	56	10	30	32	42	11	29	66
GN 721.6-10-M20x1,5-RA	10	M 20 x 1.5	20	69	12	37	37	52	21	57	129

GN 721.6-RB

STAINLESS STEEL

Description	d ₁ Pin -0.05/-0.08 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 721.6-6-M12x1,5-RB	6	M 12 x 1.5	12	47	8	26	26	32	8	18	31
GN 721.6-8-M16x1,5-RB	8	M 16 x 1.5	16	56	10	30	32	42	11	29	68
GN 721.6-10-M20x1,5-RB	10	M 20 x 1.5	20	69	12	37	37	52	21	57	133

GN 721.6-RAK

STAINLESS STEEL

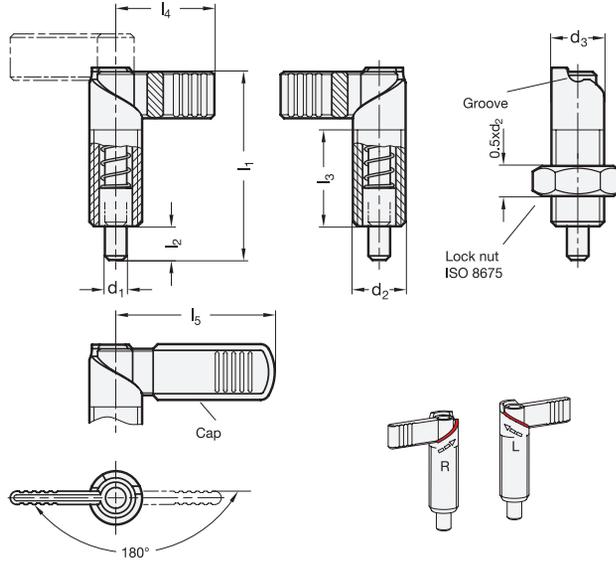
Description	d ₁ Pin -0.05/-0.08 Bore H7	d ₂	d ₃	l ₁	l ₂	l ₃ +1.5	l ₄	l ₅	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 721.6-5-M10x1-RAK	5	M 10 x 1	10	37.5	6	19	21	-	7	20	24
GN 721.6-6-M12x1,5-RAK	6	M 12 x 1.5	12	47	8	26	26	32	8	18	38
GN 721.6-8-M16x1,5-RAK	8	M 16 x 1.5	16	56	10	30	32	42	11	29	38
GN 721.6-10-M20x1,5-RAK	10	M 20 x 1.5	20	69	12	37	37	52	21	57	162

GN 721.6-RBK

STAINLESS STEEL

Description	d ₁ Pin -0.05/-0.08 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 721.6-6-M12x1,5-RBK	6	M 12 x 1.5	12	47	8	26	26	32	8	18	39
GN 721.6-8-M16x1,5-RBK	8	M 16 x 1.5	16	56	10	30	32	42	11	29	85
GN 721.6-10-M20x1,5-RBK	10	M 20 x 1.5	20	69	12	37	37	52	21	57	165





GN 721.6-LA

STAINLESS STEEL

Description	Pin -0.05/-0.08 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 721.6-5-M10x1-LA	5	M 10 x 1	10	37.5	6	19	21	-	7	20	18
GN 721.6-6-M12x1,5-LA	6	M 12 x 1.5	12	47	8	26	26	32	8	18	30
GN 721.6-8-M16x1,5-LA	8	M 16 x 1.5	16	56	10	30	32	42	11	29	66
GN 721.6-10-M20x1,5-LA	10	M 20 x 1.5	20	69	12	37	37	52	21	57	129

GN 721.6-LB

STAINLESS STEEL

Description	Pin -0.05/-0.08 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 721.6-6-M12x1,5-LB	6	M 12 x 1.5	12	47	8	26	26	32	8	18	31
GN 721.6-8-M16x1,5-LB	8	M 16 x 1.5	16	56	10	30	32	42	11	29	68
GN 721.6-10-M20x1,5-LB	10	M 20 x 1.5	20	69	12	37	37	52	21	57	133

GN 721.6-LAK

STAINLESS STEEL

Description	Pin -0.05/-0.08 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 721.6-5-M10x1-LAK	5	M 10 x 1	10	37.5	6	19	21	-	7	20	24
GN 721.6-6-M12x1,5-LAK	6	M 12 x 1.5	12	47	8	26	26	32	8	18	38
GN 721.6-8-M16x1,5-LAK	8	M 16 x 1.5	16	56	10	30	32	42	11	29	38
GN 721.6-10-M20x1,5-LAK	10	M 20 x 1.5	20	69	12	37	37	52	21	57	162

GN 721.6-LBK

STAINLESS STEEL

Description	Pin -0.05/-0.08 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 721.6-6-M12x1,5-LBK	6	M 12 x 1.5	12	47	8	26	26	32	8	18	39
GN 721.6-8-M16x1,5-LBK	8	M 16 x 1.5	16	56	10	30	32	42	11	29	85
GN 721.6-10-M20x1,5-LBK	10	M 20 x 1.5	20	69	12	37	37	52	21	57	165

Indexing elements