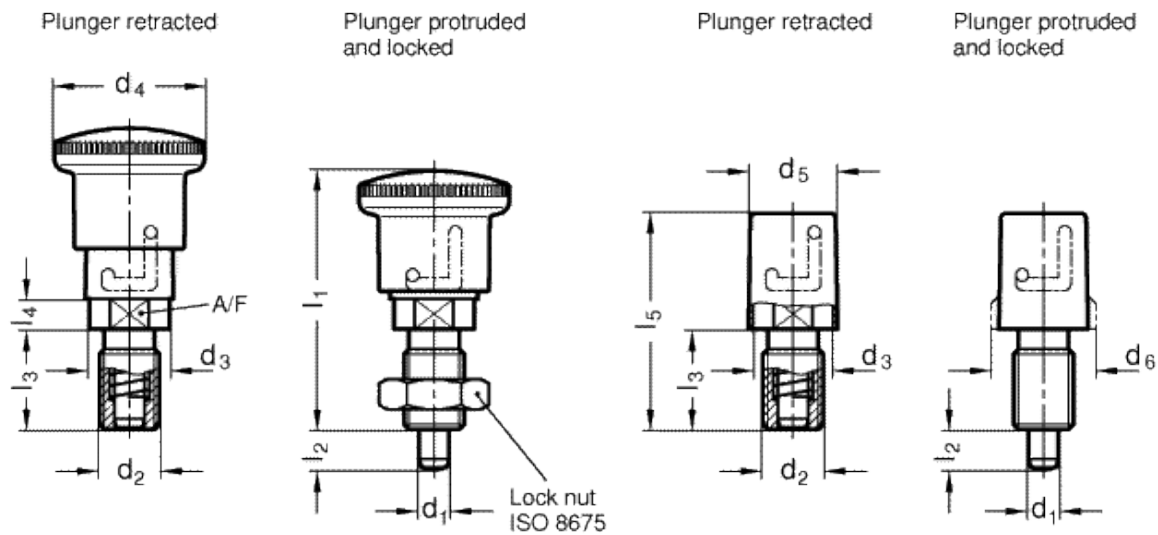


GN 816.1

Locking plungers



technical informations

Specification

Types

- Type A: Operation with knob, sleeve black, without lock nut
- Type AK: Operation with knob, sleeve black, with lock nut
- Type AR: Operation with knob, sleeve red, without lock nut
- Type ARK: Operation with knob, sleeve red, with lock nut
- Type B: Operation with key, sleeve black, without lock nut
- Type BK: Operation with key, sleeve black, with lock nut

Threaded Body

Steel zinc plated, blue passivated

Plunger

Stainless Steel AISI 303

Spring

Stainless Steel AISI 301

Knob

Plastic (Polyamide PA)
 - black, matt
 - not removable

Information

If not operated, the plunger of the locking plungers GN 816.1 protrudes. To retract, move against the spring force and hold in the end position by turning by 90°.
 The shape of the cam curve secures the plunger against accidental operation.
 When operating the button (Type AR /ARK), the visible red covering sleeve indicated the locking status: Indexing pin does not protrude.
 For the type with operation with key (type B / BK) a key is required to move the plunger. In this type, a cover sleeve provides additional security and safety from authorized removal of the locking plunger. The cover sleeve also provides additional protection against malfunction caused by dirt.

Accessory

Key for locking plungers GN 816.1-10 (Locking plungers Ø 6 and Ø 8 have the same keys)

Standard Elements	Main dimensions											Spring pressure in N ≈		Weight	
Description	d ₁ Plunger Ø/-0.05 Bore +0.15/0.07	d ₂	d ₃	d ₄	d ₅	d ₆	l ₁ ≈	l ₂	l ₃	l ₄ ≈	l ₅	A/F	Preload	Max. load	g
GN 816.1-6-M12x1.5-A	6	M12x1.5	16	28	17	-	51.5	8	20	6	43	14	12	27	50
GN 816.1-8-M16x1.5-A	8	M16x1.5	18	28	17	20	54.5	10	22	6	48	16	12	35	50
GN 816.1-6-M12x1.5-AK	6	M12x1.5	16	28	17	-	51.5	8	20	6	43	14	12	27	55
GN 816.1-8-M16x1.5-AK	8	M16x1.5	18	28	17	20	54.5	10	22	6	48	16	12	35	80
GN 816.1-6-M12x1.5-AR	6	M12x1.5	16	28	17	-	50	8	20	6	43	14	13	28	50
GN 816.1-8-M16x1.5-AR	8	M16x1.5	18	28	17	20	52	10	22	6	48	16	14	38	50
GN 816.1-6-M12x1.5-AKR	6	M12x1.5	16	28	17	-	50	8	20	6	43	14	13	28	40
GN 816.1-8-M16x1.5-AKR	8	M16x1.5	18	28	17	20	52	10	22	6	48	16	14	38	80
GN 816.1-6-M12x1.5-B	6	M12x1.5	16	28	17	-	51.5	8	20	6	43	14	12	27	40
GN 816.1-8-M16x1.5-B	8	M16x1.5	18	28	17	20	54.5	10	22	6	48	16	12	35	50
GN 816.1-6-M12x1.5-BK	6	M12x1.5	16	28	17	-	51.5	8	20	6	43	14	12	27	43
GN 816.1-8-M16x1.5-BK	8	M16x1.5	18	28	17	20	54.5	10	22	6	48	16	12	35	70



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