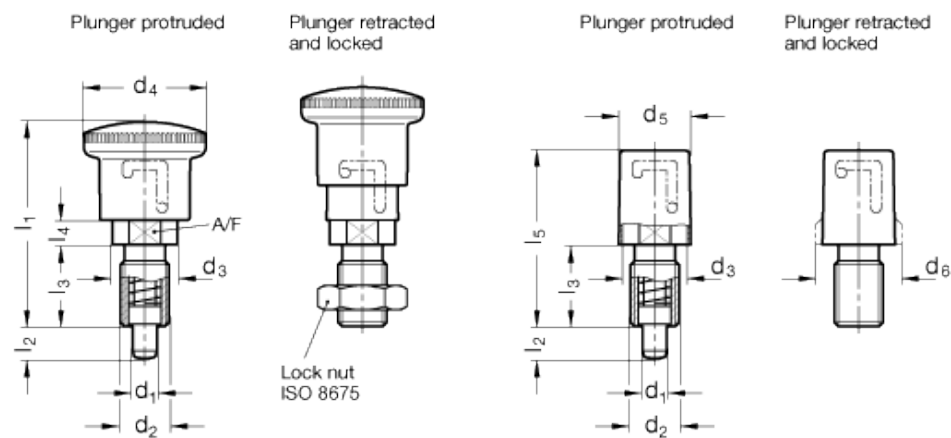


# GN 816

Locking plungers



## technical informations

### Specification

- 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

### Sleeve

Plastic (Polyamide PA)

- black, matt or red
- not removable

## Features and applications

If not operated, the plunger of the locking plungers GN 816 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 indicates the locking Status: Indexing pin does not protrude.

For the execution with operation with key (type B / BK) a key is required to move the plunger. In this execution, 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 816-10 (Locking plungers Ø 6 and Ø 8 have the same keys)

Standard Elements	Main dimensions												Spring pressure in N $\approx$		Weight
	Description	d <sub>10/-0.05</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	d <sub>6</sub>	l <sub>1</sub> $\approx$	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub> $\approx$	l <sub>5</sub>	A/F	Preload	
GN 816-6-M12x1.5-A	6	M12x1.5	16	28	17	-	50	8	20	6	43	14	13	28	50
GN 816-8-M12x1.5-A	8	M12x1.5	16	28	17	-	50	8	20	6	43	14	13	28	50
GN 816-8-M16x1.5-A	8	M16x1.5	18	28	17	20	52	10	22	6	48	16	14	38	50
GN 816-10-M16x1.5-A	10	M16x1.5	18	28	17	20	52	10	22	6	48	16	14	38	50
GN 816-6-M12x1.5-AK	6	M12x1.5	16	28	17	-	50	8	20	6	43	14	13	28	40
GN 816-8-M12x1.5-AK	8	M12x1.5	16	28	17	-	50	8	20	6	43	14	13	28	40
GN 816-8-M16x1.5-AK	8	M16x1.5	18	28	17	20	52	10	22	6	48	16	14	38	80
GN 816-10-M16x1.5-AK	10	M16x1.5	18	28	17	20	52	10	22	6	48	16	14	38	80
GN 816-6-M12x1.5-AR	6	M12x1.5	16	28	17	-	50	8	20	6	43	14	13	28	50
GN 816-8-M12x1.5-AR	7	M12x1.5	16	28	17	-	50	8	20	6	43	14	13	28	50
GN 816-8-M16x1.5-AR	8	M16x1.5	18	28	17	20	52	10	22	6	48	16	14	38	50
GN 816-10-M16x1.5-AR	10	M16x1.5	18	28	17	20	52	10	22	6	48	16	14	38	50
GN 816-6-M12x1.5-AKR	6	M12x1.5	16	28	17	-	50	8	20	6	43	14	13	28	40
GN 816-8-M12x1.5-AKR	8	M12x1.5	16	28	17	-	50	8	20	6	43	14	13	28	40
GN 816-8-M16x1.5-AKR	8	M16x1.5	18	28	17	20	52	10	22	6	48	16	14	38	80
GN 816-10-M16x1.5-AKR	10	M16x1.5	18	28	17	20	52	10	22	6	48	16	14	38	80
GN 816-6-M12x1.5-B	6	M12x1.5	16	28	17	-	50	8	20	6	43	14	13	28	30
GN 816-8-M12x1.5-B	8	M12x1.5	16	28	17	-	50	8	20	6	43	14	13	28	30
GN 816-8-M16x1.5-B	8	M16x1.5	18	28	17	20	52	10	22	6	48	16	14	38	50
GN 816-10-M16x1.5-B	10	M16x1.5	18	28	17	20	52	10	22	6	48	16	14	38	50
GN 816-6-M12x1.5-BK	6	M12x1.5	16	28	17	-	50	8	20	6	43	14	13	28	40
GN 816-8-M12x1.5-BK	8	M12x1.5	16	28	17	-	50	8	20	6	43	14	13	28	40
GN 816-8-M16x1.5-BK	8	M16x1.5	18	28	17	20	52	10	22	6	48	16	14	38	70
GN 816-10-M16x1.5-BK	10	M16x1.5	18	28	17	20	52	10	22	6	48	16	14	38	70

