elesa+Ganter

New

Indexing Plungers with Lever

DESIGNED
FOR ENGINEERING

Indexing Plungers

Steel / Stainless Steel, with Operating Lever, with External Thread

SPECIFICATION

Types
- Type **B**: Without rest position
- Type **C**: With rest position

Coding
- Coding **R**: Standard thread
- Coding **F**: Fine thread

Guide
- Steel **ST**
  Zinc plated, blue passivated
- Stainless steel AISI 303 **NI**

Plunger pin
Stainless steel AISI 303

Lever
Plastic, polyphthalamide (PPA)
- Glass fiber reinforced
- Black **SW**

Pressure spring
Stainless steel AISI 302

INFORMATION

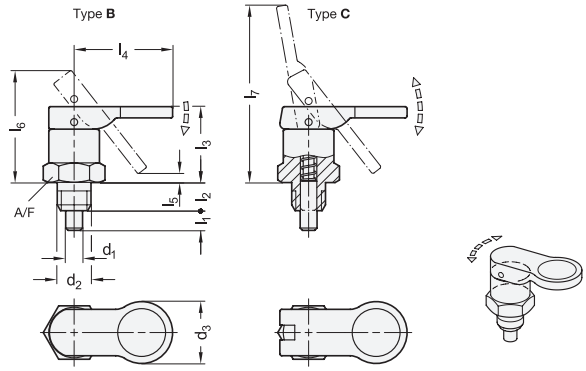
Indexing plungers GN 823 with operating lever can be used to lock carriages in guides, for example. The plunger pin is retracted by simply pressing the operating lever.
Type C also allows actuation by pulling and locking the plunger pin in the retracted position (rest position).

ACCESSORY

- GN 412.2 / GN 412.4 Positioning Bushings (with Collar) (see catalogue page 813)
- GN 412.3 / GN 412.5 Positioning Bushings (with Ramping Cone) (see catalogue page 812)
- GN 609.5 Distance Bushings (Stainless Steel) (see catalogue page 810)
- GN 412.1 Mounting Blocks (Zinc Die Casting) (see catalogue page 814)
- GN 612.1 Mounting Blocks (Steel) (see catalogue page 815)
- GN 909 / GN 909.5 Thin Hex Nuts (see catalogue page 809)

TECHNICAL INFORMATION

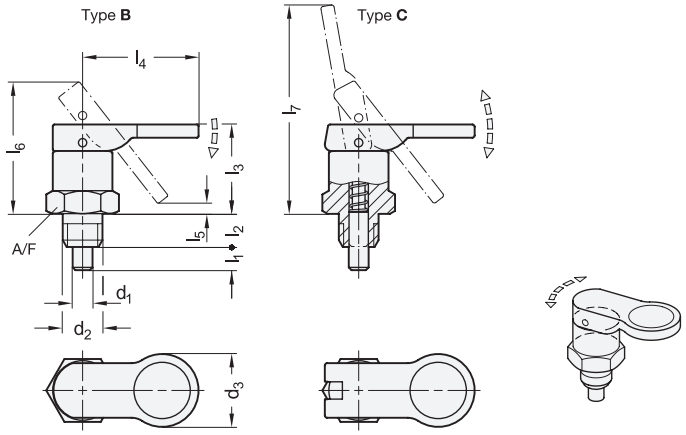
- Application Examples (see page 6)
- List of Indexing Plunger Types (see catalogue page A42)
- Load Rating Information (see catalogue page 738)
- Metric ISO Fine Thread DIN 13 (see catalogue page A19)
- ISO-Fundamental Tolerances (see catalogue page A21)
- Stainless Steel Characteristics (see catalogue page A26)



GN 823-ST-B

Description	d_1 Plunger h9 Bore +0.08/+0.03	l_1	d_2	d_3	l_2	l_3	l_4	l_5 ≈	l_6 ≈	A/F	⚖
GN 823-4-5-B-R-ST-SW	4	5	M 10	17	8	20	26	2	30	15	26
GN 823-4-5-B-F-ST-SW	4	5	M 10 x 1	17	8	20	26	2	30	15	26
GN 823-5-5-B-R-ST-SW	5	5	M 10	17	8	20	26	2	30	15	26
GN 823-5-5-B-F-ST-SW	5	5	M 10 x 1	17	8	20	26	2	30	15	26
GN 823-6-7-B-R-ST-SW	6	7	M 12	22	10	27	35	3	40	19	53
GN 823-6-7-B-F-ST-SW	6	7	M 12 x 1.5	22	10	27	35	3	40	19	53
GN 823-7-7-B-R-ST-SW	7	7	M 12	22	10	27	35	3	40	19	54
GN 823-7-7-B-F-ST-SW	7	7	M 12 x 1.5	22	10	27	35	3	40	19	54
GN 823-8-10-B-R-ST-SW	8	10	M 16	26	12	33	43	3	51	22	96
GN 823-8-10-B-F-ST-SW	8	10	M 16 x 1.5	26	12	33	43	3	51	22	96
GN 823-10-10-B-R-ST-SW	10	10	M 16	26	12	33	43	3	51	22	97
GN 823-10-10-B-F-ST-SW	10	10	M 16 x 1.5	26	12	33	43	3	51	22	97

GN 823 | Indexing Plungers



GN 823-ST-C

Description	d1 Plunger h9 Bore +0.08/+0.03	l1	d2	d3	l2	l3	l4	l5 ≈	l6 ≈	l7 ≈	A/F	⚖
GN 823-4-5-C-R-ST-SW	4	5	M 10	17	8	20	26	2	30	47	15	26
GN 823-4-5-C-F-ST-SW	4	5	M 10 x 1	17	8	20	26	2	30	47	15	26
GN 823-5-5-C-R-ST-SW	5	5	M 10	17	8	20	26	2	30	47	15	26
GN 823-5-5-C-F-ST-SW	5	5	M 10 x 1	17	8	20	26	2	30	47	15	26
GN 823-6-7-C-R-ST-SW	6	7	M 12	22	10	27	35	3	40	63	19	53
GN 823-6-7-C-F-ST-SW	6	7	M 12 x 1.5	22	10	27	35	3	40	63	19	53
GN 823-7-7-C-R-ST-SW	7	7	M 12	22	10	27	35	3	40	63	19	54
GN 823-7-7-C-F-ST-SW	7	7	M 12 x 1.5	22	10	27	35	3	40	63	19	54
GN 823-8-10-C-R-ST-SW	8	10	M 16	26	12	33	43	3	51	78	22	96
GN 823-8-10-C-F-ST-SW	8	10	M 16 x 1.5	26	12	33	43	3	51	78	22	96
GN 823-10-10-C-R-ST-SW	10	10	M 16	26	12	33	43	3	51	78	22	98
GN 823-10-10-C-F-ST-SW	10	10	M 16 x 1.5	26	12	33	43	3	51	78	22	98

GN 823-NI-B

STAINLESS STEEL

Description	d1 Plunger h9 Bore +0.08/+0.03	l1	d2	d3	l2	l3	l4	l5 ≈	l6 ≈	A/F	⚖
GN 823-4-5-B-R-NI-SW	4	5	M 10	17	8	20	26	2	30	15	27
GN 823-4-5-B-F-NI-SW	4	5	M 10 x 1	17	8	20	26	2	30	15	27
GN 823-5-5-B-R-NI-SW	5	5	M 10	17	8	20	26	2	30	15	27
GN 823-5-5-B-F-NI-SW	5	5	M 10 x 1	17	8	20	26	2	30	15	27
GN 823-6-7-B-R-NI-SW	6	7	M 12	22	10	27	35	3	40	19	54
GN 823-6-7-B-F-NI-SW	6	7	M 12 x 1.5	22	10	27	35	3	40	19	54
GN 823-7-7-B-R-NI-SW	7	7	M 12	22	10	27	35	3	40	19	55
GN 823-7-7-B-F-NI-SW	7	7	M 12 x 1.5	22	10	27	35	3	40	19	55
GN 823-8-10-B-R-NI-SW	8	10	M 16	26	12	33	43	3	51	22	96
GN 823-8-10-B-F-NI-SW	8	10	M 16 x 1.5	26	12	33	43	3	51	22	96
GN 823-10-10-B-R-NI-SW	10	10	M 16	26	12	33	43	3	51	22	98
GN 823-10-10-B-F-NI-SW	10	10	M 16 x 1.5	26	12	33	43	3	51	22	98

GN 823-NI-C

STAINLESS STEEL

Description	d1 Plunger h9 Bore +0.08/+0.03	l1	d2	d3	l2	l3	l4	l5 ≈	l6 ≈	l7 ≈	A/F	⚖
GN 823-4-5-C-R-NI-SW	4	5	M 10	17	8	20	26	2	30	47	15	27
GN 823-4-5-C-F-NI-SW	4	5	M 10 x 1	17	8	20	26	2	30	47	15	27
GN 823-5-5-C-R-NI-SW	5	5	M 10	17	8	20	26	2	30	47	15	27
GN 823-5-5-C-F-NI-SW	5	5	M 10 x 1	17	8	20	26	2	30	47	15	27
GN 823-6-7-C-R-NI-SW	6	7	M 12	22	10	27	35	3	40	63	19	54
GN 823-6-7-C-F-NI-SW	6	7	M 12 x 1.5	22	10	27	35	3	40	63	19	54
GN 823-7-7-C-R-NI-SW	7	7	M 12	22	10	27	35	3	40	63	19	55
GN 823-7-7-C-F-NI-SW	7	7	M 12 x 1.5	22	10	27	35	3	40	63	19	55
GN 823-8-10-C-R-NI-SW	8	10	M 16	26	12	33	43	3	51	78	22	97
GN 823-8-10-C-F-NI-SW	8	10	M 16 x 1.5	26	12	33	43	3	51	78	22	97
GN 823-10-10-C-R-NI-SW	10	10	M 16	26	12	33	43	3	51	78	22	99
GN 823-10-10-C-F-NI-SW	10	10	M 16 x 1.5	26	12	33	43	3	51	78	22	99

GN 823-F

Indexing Plungers

Stainless Steel, with Operating Lever, with Flange for Surface Mounting

SPECIFICATION

Types
- Type **B**: Without rest position
- Type **C**: With rest position

Coding
- Coding **B**: Rotating
- Coding **BP**: Anti-twist protection parallel
- Coding **BR**: Anti-twist protection perpendicular

Guide
Stainless steel AISI 304 **NI**

Plunger pin
Stainless steel AISI 303

Lever
Plastic, polyphthalamide (PPA)
- Glass fiber reinforced
- Black **SW**

Pressure spring
Stainless steel AISI 302

INFORMATION

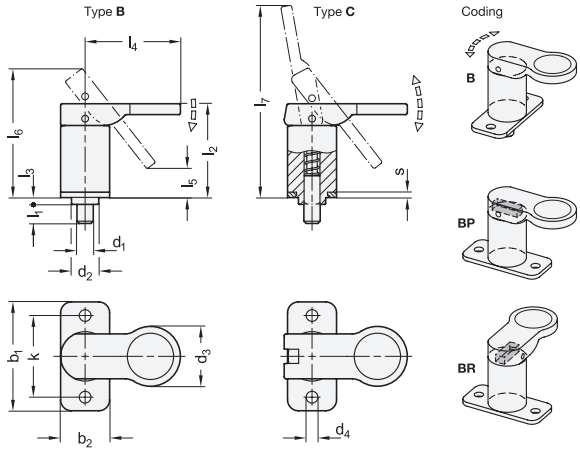
Indexing plungers GN 823 with operating lever can be used to lock carriages in guides, for example. The plunger pin is retracted by simply pressing the operating lever.
Type C also allows actuation by pulling and locking the plunger pin in the retracted position (rest position).

ACCESSORY

- GN 412.2 / GN 412.4 Positioning Bushings (with Collar) (see catalogue page 813)
- GN 412.3 / GN 412.5 Positioning Bushings (with Ramping Cone) (see catalogue page 812)

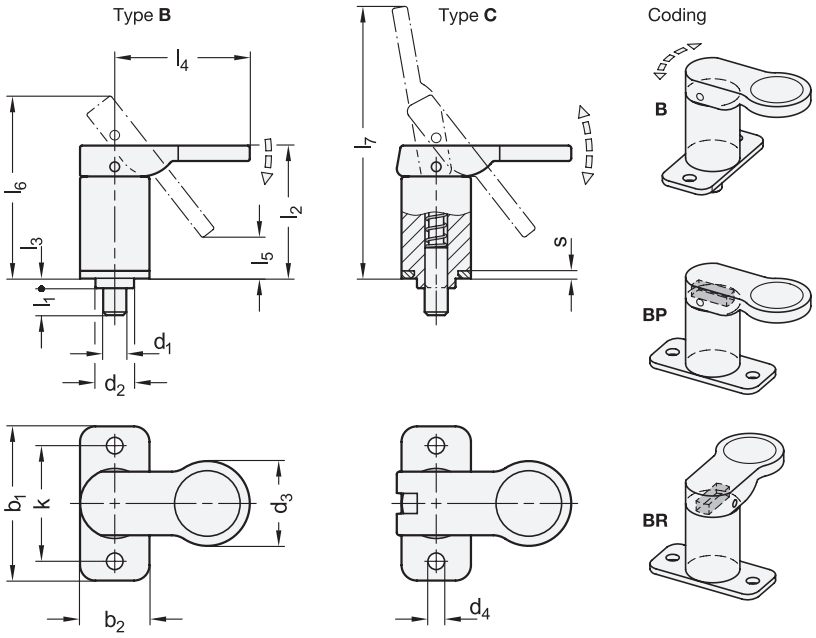
TECHNICAL INFORMATION

- Application Examples (see page 6)
- List of Indexing Plunger Types (see catalogue page A42)
- Load Rating Information (see catalogue page 738)
- ISO-Fundamental Tolerances (see catalogue page A21)
- Stainless Steel Characteristics (see catalogue page A26)



GN 823-F-NI-B — **STAINLESS STEEL**

Description	d_1 Plunger h9 Bore +0.08/+0.03	l_1	b_1	b_2	d_2 -0.05/-0.1	d_3	d_4	k	l_2	l_3	l_4	$l_5 \approx$	$l_6 \approx$	s	⚖
GN 823-4-5-B-B-NI-SW	4	5	35	15	8	17	4.3	25	26	2	26	8	36	2	36
GN 823-4-5-B-BP-NI-SW	4	5	35	15	8	17	4.3	25	26	2	26	8	36	2	36
GN 823-4-5-B-BR-NI-SW	4	5	35	15	8	17	4.3	25	26	2	26	8	36	2	36
GN 823-5-5-B-B-NI-SW	5	5	35	15	8	17	4.3	25	26	2	26	8	36	2	36
GN 823-5-5-B-BP-NI-SW	5	5	35	15	8	17	4.3	25	26	2	26	8	36	2	37
GN 823-5-5-B-BR-NI-SW	5	5	35	15	8	17	4.3	25	26	2	26	8	36	2	37
GN 823-6-7-B-B-NI-SW	6	7	40	18	10	22	4.3	30	34.5	2.5	35	10	48	2	67
GN 823-6-7-B-BP-NI-SW	6	7	40	18	10	22	4.3	30	34.5	2.5	35	10	48	2	68
GN 823-6-7-B-BR-NI-SW	6	7	40	18	10	22	4.3	30	34.5	2.5	35	10	48	2	68
GN 823-7-7-B-B-NI-SW	7	7	40	18	10	22	4.3	30	34.5	2.5	35	10	48	3	67
GN 823-7-7-B-BP-NI-SW	7	7	40	18	10	22	4.3	30	34.5	2.5	35	10	48	3	69
GN 823-7-7-B-BR-NI-SW	7	7	40	18	10	22	4.3	30	34.5	2.5	35	10	48	3	69
GN 823-8-10-B-B-NI-SW	8	10	50	23	14	26	4.3	38	42.5	2.5	43	13	60	3	125
GN 823-8-10-B-BP-NI-SW	8	10	50	23	14	26	4.3	38	42.5	2.5	43	13	60	3	127
GN 823-8-10-B-BR-NI-SW	8	10	50	23	14	26	4.3	38	42.5	2.5	43	13	60	3	127
GN 823-10-10-B-B-NI-SW	10	10	50	23	14	26	4.3	38	42.5	2.5	43	13	60	3	125
GN 823-10-10-B-BP-NI-SW	10	10	50	23	14	26	4.3	38	42.5	2.5	43	13	60	3	129
GN 823-10-10-B-BR-NI-SW	10	10	50	23	14	26	4.3	38	42.5	2.5	43	13	60	3	129

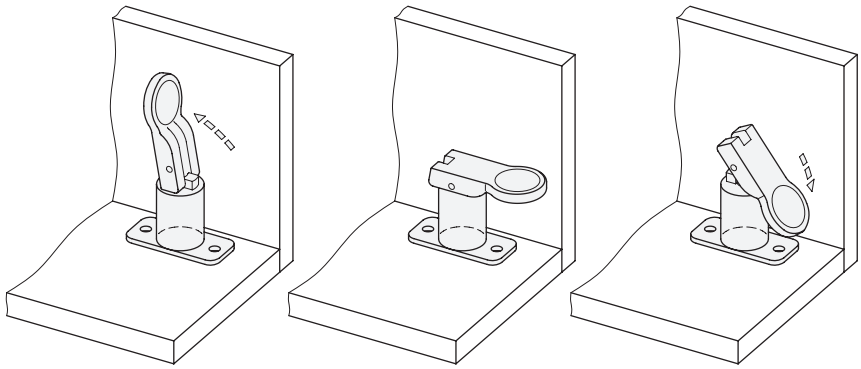


GN 823-F-NI-C **STAINLESS STEEL**

Description	d_1 Plunger h9 Bore +0.08/+0.03	l_1	b_1	b_2	d_2 -0.05/-0.1	d_3	d_4	k	l_2	l_3	l_4	l_5 ≈	l_6 ≈	l_7 ≈	s	⚖
GN 823-4-5-C-B-NI-SW	4	5	35	15	8	17	4.3	25	26	2	26	8	36	53	2	36
GN 823-4-5-C-BP-NI-SW	4	5	35	15	8	17	4.3	25	26	2	26	8	36	53	2	36
GN 823-4-5-C-BR-NI-SW	4	5	35	15	8	17	4.3	25	26	2	26	8	36	53	2	36
GN 823-5-5-C-B-NI-SW	5	5	35	15	8	17	4.3	25	26	2	26	8	36	53	2	36
GN 823-5-5-C-BP-NI-SW	5	5	35	15	8	17	4.3	25	26	2	26	8	36	53	2	36
GN 823-5-5-C-BR-NI-SW	5	5	35	15	8	17	4.3	25	26	2	26	8	36	53	2	36
GN 823-6-7-C-B-NI-SW	6	7	40	18	10	22	4.3	30	34.5	2.5	35	10	48	71	2	67
GN 823-6-7-C-BP-NI-SW	6	7	40	18	10	22	4.3	30	34.5	2.5	35	10	48	71	2	68
GN 823-6-7-C-BR-NI-SW	6	7	40	18	10	22	4.3	30	34.5	2.5	35	10	48	71	2	68
GN 823-7-7-C-B-NI-SW	7	7	40	18	10	22	4.3	30	34.5	2.5	35	10	48	71	3	67
GN 823-7-7-C-BP-NI-SW	7	7	40	18	10	22	4.3	30	34.5	2.5	35	10	48	71	3	69
GN 823-7-7-C-BR-NI-SW	7	7	40	18	10	22	4.3	30	34.5	2.5	35	10	48	71	3	69
GN 823-8-10-C-B-NI-SW	8	10	50	23	14	26	4.3	38	42.5	2.5	43	13	60	88	3	126
GN 823-8-10-C-BP-NI-SW	8	10	50	23	14	26	4.3	38	42.5	2.5	43	13	60	88	3	128
GN 823-8-10-C-BR-NI-SW	8	10	50	23	14	26	4.3	38	42.5	2.5	43	13	60	88	3	128
GN 823-10-10-C-B-NI-SW	10	10	50	23	14	26	4.3	38	42.5	2.5	43	13	60	88	3	128
GN 823-10-10-C-BP-NI-SW	10	10	50	23	14	26	4.3	38	42.5	2.5	43	13	60	88	3	131
GN 823-10-10-C-BR-NI-SW	10	10	50	23	14	26	4.3	38	42.5	2.5	43	13	60	88	3	131

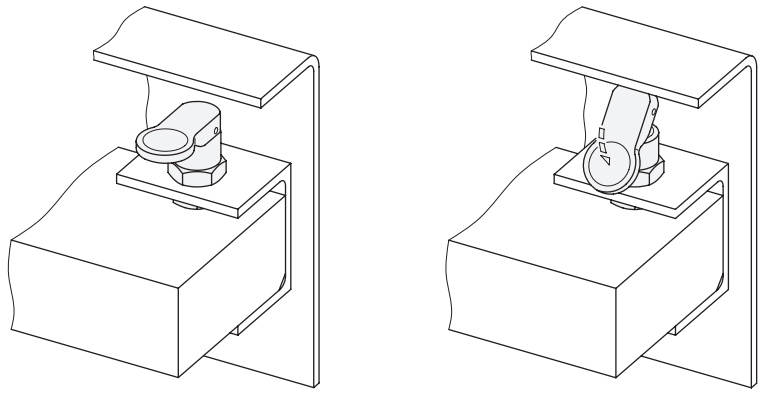
Application examples

Type **C**



Rest position

Type **B**



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