

TYPES

- Type **B**: without rest position, with Plastic-Knob, without lock nut
- Type **BK**: without rest position, with Plastic-Knob, with lock nut
- Type **BN**: without rest position, with Stainless Steel-Knob, without lock nut
- Type **BKN**: without rest position, with Stainless Steel-Knob, with lock nut
- Type **C**: with rest position, with Plastic-Knob, without lock nut
- Type **CK**: with rest position, with Plastic-Knob, with lock nut
- Type **CN**: with rest position, with Stainless Steel-Knob, without lock nut
- Type **CKN**: with rest position, with Stainless Steel-Knob, with lock nut

AISI 316 stainless steel **A4**
Plunger pin chemically nickel plated

Knob
Plastic (Type B / BK / C / CK)
Polyamide (PA)
black, matte

Stainless Steel (Type BN / BKN / CN / CKN)
AISI 316

not removable

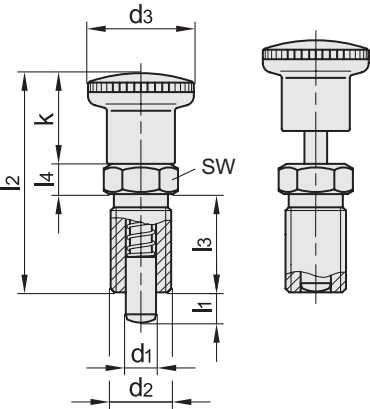
Spring
Stainless Steel AISI 316Ti

FEATURES AND APPLICATIONS

GN 818 Stainless Steel-Indexing plungers are set apart by the materials used, allowing these plungers to withstand particularly corrosive environments. Indexing plungers with a rest position are used for such applications where the plunger has to stay in its retracted position. In that case, the knob is retracted and afterwards turned by 90°. A notch keeps the plunger in this position.



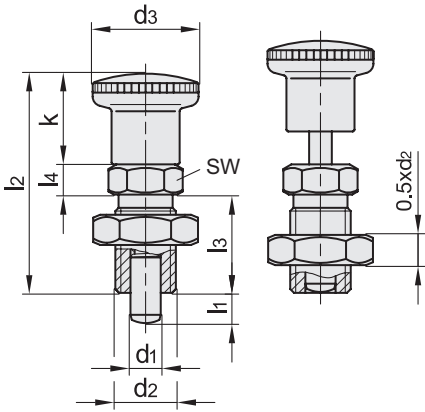
Conversion Table	
1 mm = 0.039 inch	
d1	
mm	inch
4	0.16
5	0.20
6	0.24
8	0.31
10	0.39
12	0.47



GN 818-B

Code	Description	d1									Spring preload [N]	Spring max load [N]	⚖️
		Plunger -0.02-0.05 Hole H7	d2	d3	k	l1	l2	l3	l4	sw			
GN.81751	GN 818-4-4-B-A4	4	M8x1	16	14	4	35	16	5	10	3.5	11	10
GN.81755	GN 818-4-6-B-A4	4	M8x1	16	14	6	35	16	5	10	3	11	12
GN.81771	GN 818-5-5-B-A4	5	M10x1	19	16	5	40	18	6	12	3	12	20
GN.81775	GN 818-5-8-B-A4	5	M10x1	19	16	8	40	18	6	12	3	14	22
GN.81791	GN 818-6-6-B-A4	6	M12x1.5	23	20	6	48	22	6	14	4.5	16	29
GN.81795	GN 818-6-9-B-A4	6	M12x1.5	23	20	9	48	22	6	14	4	20	31
GN.81811	GN 818-8-8-B-A4	8	M16x1.5	28	24	8	58	26	8	17	6	23	63
GN.81815	GN 818-8-12-B-A4	8	M16x1.5	28	24	12	58	26	8	17	7	26	66
GN.81821	GN 818-10-12-B-A4	10	M16x1.5	28	24	12	58	26	8	17	7.5	32	64
GN.81831	GN 818-12-15-B-A4	12	M20x1.5	33	28.5	15	71.5	33	10	22	9	32	129

Conversion Table	
1 mm = 0.039 inch	
d1	
mm	inch
4	0.16
5	0.20
6	0.24
8	0.31
10	0.39
12	0.47

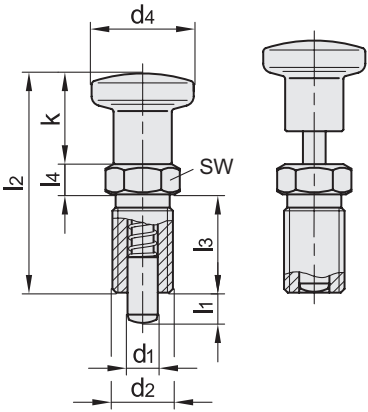


GN 818-BK

INOX STAINLESS STEEL METRIC

Code	Description	d1 Plunger -0.02 -0.05 Hole H7	d2	d3	k	l1	l2	l3	l4	sw	Spring preload [N]	Spring max load [N]	⚖
GN.81851	GN 818-4-4-BK-A4	4	M8x1	16	14	4	35	16	5	10	3.5	11	13
GN.81855	GN 818-4-6-BK-A4	4	M8x1	16	14	6	35	16	5	10	3	11	13
GN.81871	GN 818-5-5-BK-A4	5	M10x1	19	16	5	40	18	6	12	3	12	20
GN.81875	GN 818-5-8-BK-A4	5	M10x1	19	16	8	40	18	6	12	3	14	23
GN.81891	GN 818-6-6-BK-A4	6	M12x1.5	23	20	6	48	22	6	14	4.5	16	39
GN.81895	GN 818-6-9-BK-A4	6	M12x1.5	23	20	9	48	22	6	14	4	20	37
GN.81911	GN 818-8-8-BK-A4	8	M16x1.5	28	24	8	58	26	8	17	6	23	83
GN.81915	GN 818-8-12-BK-A4	8	M16x1.5	28	24	12	58	26	8	17	7	26	82
GN.81921	GN 818-10-12-BK-A4	10	M16x1.5	28	24	12	58	26	8	17	7.5	32	87
GN.81931	GN 818-12-15-BK-A4	12	M20x1.5	33	28.5	15	71.5	33	10	22	9	32	163

Conversion Table	
1 mm = 0.039 inch	
d1	
mm	inch
4	0.16
5	0.20
6	0.24
8	0.31
10	0.39
12	0.47



GN 818-BN

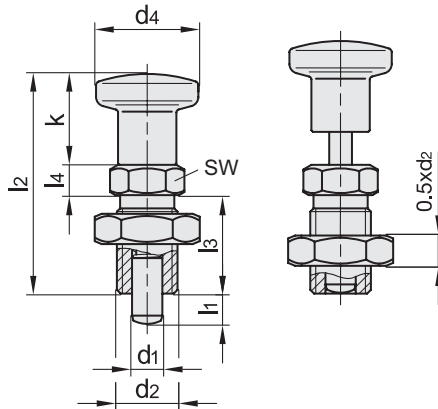
INOX STAINLESS STEEL METRIC

Code	Description	d1 Plunger -0.02 -0.05 Hole H7	d2	d4	k	l1	l2	l3	l4	sw	Spring preload [N]	Spring max load [N]	⚖
GN.81752	GN 818-4-4-BN-A4	4	M8x1	16	14	4	35	16	5	10	3.5	11	20
GN.81756	GN 818-4-6-BN-A4	4	M8x1	16	14	6	35	16	5	10	3	11	26
GN.81772	GN 818-5-5-BN-A4	5	M10x1	18	16	5	40	18	6	12	3	12	32
GN.81776	GN 818-5-8-BN-A4	5	M10x1	18	16	8	40	18	6	12	3	14	32
GN.81792	GN 818-6-6-BN-A4	6	M12x1.5	22	20	6	48	22	6	14	4.5	16	55
GN.81796	GN 818-6-9-BN-A4	6	M12x1.5	22	20	9	48	22	6	14	4	20	55
GN.81812	GN 818-8-8-BN-A4	8	M16x1.5	27	24	8	58	26	8	17	6	23	108
GN.81816	GN 818-8-12-BN-A4	8	M16x1.5	27	24	12	58	26	8	17	7	26	140
GN.81822	GN 818-10-12-BN-A4	10	M16x1.5	27	24	12	58	26	8	17	7.5	32	111
GN.81832	GN 818-12-15-BN-A4	12	M20x1.5	32	28.5	15	71.5	33	10	22	9	32	200



Conversion Table
1 mm = 0.039 inch

d1	
mm	inch
4	0.16
5	0.20
6	0.24
8	0.31
10	0.39
12	0.47



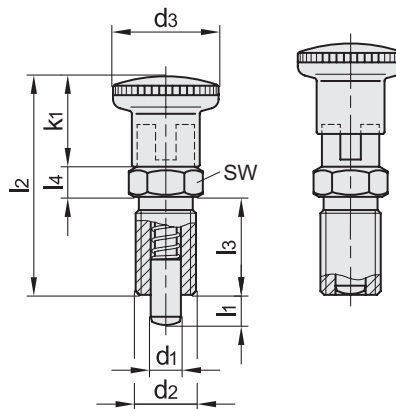
GN 818-BKN

INOX STAINLESS STEEL METRIC

Code	Description	d1 Plunger -0.02 -0.05 Hole H7	d2	d3	k	l1	l2	l3	l4	sw	Spring preload [N]	Spring max load [N]	
GN.81852	GN 818-4-4-BKN-A4	4	M8x1	16	14	4	35	16	5	10	3.5	11	22
GN.81856	GN 818-4-6-BKN-A4	4	M8x1	16	14	6	35	16	5	10	3	11	28
GN.81872	GN 818-5-5-BKN-A4	5	M10x1	18	16	5	40	18	6	12	3	12	39
GN.81876	GN 818-5-8-BKN-A4	5	M10x1	18	16	8	40	18	6	12	3	14	37
GN.81892	GN 818-6-6-BKN-A4	6	M12x1.5	22	20	6	48	22	6	14	4.5	16	62
GN.81896	GN 818-6-9-BKN-A4	6	M12x1.5	22	20	9	48	22	6	14	4	20	62
GN.81912	GN 818-8-8-BKN-A4	8	M16x1.5	27	24	8	58	26	8	17	6	23	110
GN.81916	GN 818-8-12-BKN-A4	8	M16x1.5	27	24	12	58	26	8	17	7	26	139
GN.81922	GN 818-10-12-BKN-A4	10	M16x1.5	27	24	12	58	26	8	17	7.5	32	130
GN.81932	GN 818-12-15-BKN-A4	12	M20x1.5	32	28.5	15	71.5	33	10	22	9	32	203

Conversion Table
1 mm = 0.039 inch

d1	
mm	inch
4	0.16
5	0.20
6	0.24
8	0.31
10	0.39
12	0.47



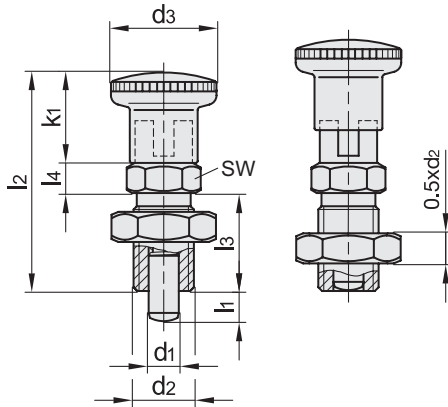
GN 818-C

INOX STAINLESS STEEL METRIC

Code	Description	d1 Plunger -0.02 -0.05 Hole H7	d2	d3	k1	l1	l2	l3	l4	sw	Spring preload [N]	Spring max load [N]	
GN.81753	GN 818-4-4-C-A4	4	M8x1	16	14	4	35	16	5	10	3.5	11	11
GN.81757	GN 818-4-6-C-A4	4	M8x1	16	14	6	35	16	5	10	3	11	12
GN.81773	GN 818-5-5-C-A4	5	M10x1	19	16	5	40	18	6	12	3	12	21
GN.81777	GN 818-5-8-C-A4	5	M10x1	19	16	8	40	18	6	12	3	14	21
GN.81793	GN 818-6-6-C-A4	6	M12x1.5	23	20	6	48	22	6	14	4.5	16	32
GN.81797	GN 818-6-9-C-A4	6	M12x1.5	23	20	9	48	22	6	14	4	20	33
GN.81813	GN 818-8-8-C-A4	8	M16x1.5	28	24	8	58	26	8	17	6	23	67
GN.81817	GN 818-8-12-C-A4	8	M16x1.5	28	24	12	58	26	8	17	7	26	69
GN.81823	GN 818-10-12-C-A4	10	M16x1.5	28	24	12	58	26	8	17	7.5	32	70
GN.81833	GN 818-12-15-C-A4	12	M20x1.5	33	28.5	15	71.5	33	10	22	9	32	141

Conversion Table
1 mm = 0.039 inch

d1	
mm	inch
4	0.16
5	0.20
6	0.24
8	0.31
10	0.39
12	0.47



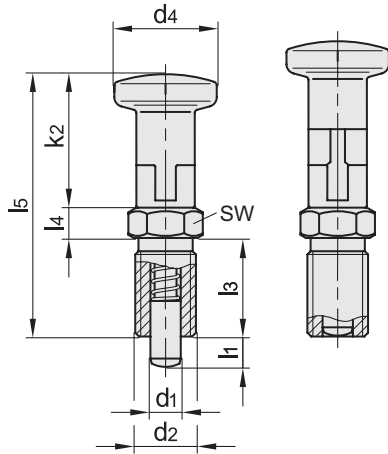
GN 818-CK

INOX STAINLESS STEEL METRIC

Code	Description	d1 Plunger -0.02 -0.05 Hole H7	d2	d3	k1	l1	l2	l3	l4	sw	Spring preload [N]	Spring max load [N]	⚖
GN.81853	GN 818-4-4-CK-A4	4	M8x1	16	14	4	35	16	5	10	3.5	11	14
GN.81857	GN 818-4-6-CK-A4	4	M8x1	16	14	6	35	16	5	10	3	11	15
GN.81873	GN 818-5-5-CK-A4	5	M10x1	19	16	5	40	18	6	12	3	12	24
GN.81877	GN 818-5-8-CK-A4	5	M10x1	19	16	8	40	18	6	12	3	14	26
GN.81893	GN 818-6-6-CK-A4	6	M12x1.5	23	20	6	48	22	6	14	4.5	16	40
GN.81897	GN 818-6-9-CK-A4	6	M12x1.5	23	20	9	48	22	6	14	4	20	41
GN.81913	GN 818-8-8-CK-A4	8	M16x1.5	28	24	8	58	26	8	17	6	23	86
GN.81917	GN 818-8-12-CK-A4	8	M16x1.5	28	24	12	58	26	8	17	7	26	88
GN.81923	GN 818-10-12-CK-A4	10	M16x1.5	28	24	12	58	26	8	17	7.5	32	89
GN.81933	GN 818-12-15-CK-A4	12	M20x1.5	33	28.5	15	71.5	33	10	22	9	32	174

Conversion Table
1 mm = 0.039 inch

d1	
mm	inch
4	0.16
5	0.20
6	0.24
8	0.31
10	0.39
12	0.47



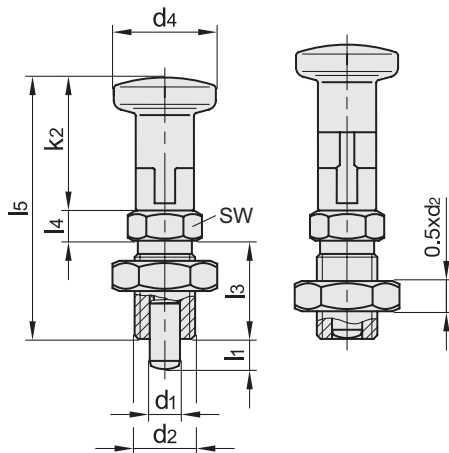
GN 818-CN

INOX STAINLESS STEEL METRIC

Code	Description	d1 Plunger -0.02 -0.05 Hole H7	d2	d4	k2	l1	l3	l4	l5	sw	Spring preload [N]	Spring max load [N]	⚖
GN.81754	GN 818-4-4-CN-A4	4	M8x1	16	20	4	16	5	41	10	3.5	11	22
GN.81758	GN 818-4-6-CN-A4	4	M8x1	16	22	6	16	5	43	10	3	11	22
GN.81774	GN 818-5-5-CN-A4	5	M10x1	18	24	5	18	6	48	12	3	12	36
GN.81778	GN 818-5-8-CN-A4	5	M10x1	18	27	8	18	6	51	12	3	14	21
GN.81794	GN 818-6-6-CN-A4	6	M12x1.5	22	29	6	22	6	57	14	4.5	16	60
GN.81798	GN 818-6-9-CN-A4	6	M12x1.5	22	32	9	22	6	60	14	4	20	63
GN.81814	GN 818-8-8-CN-A4	8	M16x1.5	27	35	8	26	8	69	17	6	23	117
GN.81818	GN 818-8-12-CN-A4	8	M16x1.5	27	39	12	26	8	73	17	7	26	140
GN.81824	GN 818-10-12-CN-A4	10	M16x1.5	27	41	12	26	8	75	17	7.5	32	127
GN.81834	GN 818-12-15-CN-A4	12	M20x1.5	32	46.5	15	33	10	89.5	22	9	32	230



Conversion Table 1 mm = 0.039 inch	
d1	
mm	inch
4	0.16
5	0.20
6	0.24
8	0.31
10	0.39
12	0.47



INOX STAINLESS STEEL METRIC

GN 818-CKN

Code	Description	d1 Plunger -0.02 -0.05 Hole H7	d2	d4	k2	l1	l3	l4	l5	sw	Spring preload [N]	Spring max load [N]	
GN.81854	GN 818-4-4-CKN-A4	4	M8x1	16	20	4	16	5	41	10	3.5	11	22
GN.81858	GN 818-4-6-CKN-A4	4	M8x1	16	22	6	16	5	43	10	3	11	25
GN.81874	GN 818-5-5-CKN-A4	5	M10x1	18	24	5	18	6	48	12	3	12	42
GN.81878	GN 818-5-8-CKN-A4	5	M10x1	18	27	8	18	6	51	12	3	14	26
GN.81894	GN 818-6-6-CKN-A4	6	M12x1.5	22	29	6	22	6	57	14	4.5	16	68
GN.81898	GN 818-6-9-CKN-A4	6	M12x1.5	22	32	9	22	6	60	14	4	20	49
GN.81914	GN 818-8-8-CKN-A4	8	M16x1.5	27	35	8	26	8	69	17	6	23	140
GN.81918	GN 818-8-12-CKN-A4	8	M16x1.5	27	39	12	26	8	73	17	7	26	159
GN.81924	GN 818-10-12-CKN-A4	10	M16x1.5	27	41	12	26	8	75	17	7.5	32	145
GN.81934	GN 818-12-15-CKN-A4	12	M20x1.5	32	46.5	15	33	10	89.5	22	9	32	263