Indexing Plungers

Steel / Stainless Steel, with Special Tip



SPECIFICATION

Types
- Type **B**: Without rest position, without lock nut
- Type **BK**: Without rest position, with lock nut
- Type **C**: With rest position, without lock nut
- Type **CK**: With rest position, with lock nut

Plunger pin types
- Type **KA**: Rounded tip, plastic-coated
- Type **MA**: Rounded tip, brass
- Type **SB**: Conical tip
- Type **SC**: Spherical tip
- Type **SD**: Flat tip
- Type **SE**: With external thread
- Type **SF**: With internal thread

Guide
- Steel, blackened **ST**
- Stainless steel AISI 303 **NI**

Plunger pin
- Steel, blackened for ST
  Tip hardened for types SB / SC / SD
- Stainless steel AISI 303, chemically nickel plated for NI
- Coating for type KA
  Plastic, polyphthalamide (PPA)
  - Glass fiber reinforced
  - Chemically bonded to the plunger pin
  - White
- Brass for type MA

Knob
Plastic, polyamide (PA)
Black, matte finish

Pressure spring
Stainless steel AISI 301

Hex nut ISO 8675
- Steel, blackened for ST
- Stainless steel for NI

INFORMATION

Indexing plungers GN 81700 lock height adjustments or swivel arms on devices, machines, and vehicles, for example.
The plunger pin types KA and MA have rounded tips of plastic or brass that reduce wear on the opposing surface and prevent marks or scratches. The conical plunger pin SB facilitates positioning in a corresponding receiving bore.
The spherical tip of plunger pin type SC passes over low edges or grooves, facilitating proper latching and preventing damage. Due to the small chamfer, plunger pin type SD is particularly suited for shallow detent bores, e.g. in sheet metal parts.
Indexing plungers with plunger pin types SE or SF can be fitted with application-specific attachments using the external or internal thread and used, for example, to actuate linkages or cable pulls.
Regardless of the selected plunger pin type, indexing plungers GN 81700 are available with or without rest position. Indexing plungers with a rest position are used when the locking pin should not protrude at times.

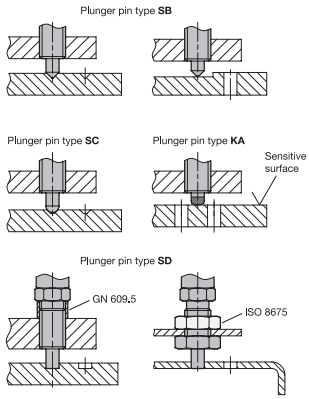
ACCESSORY

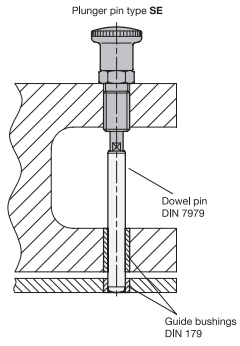
- DIN 172 Guide Bushings (with Collar) (see page)
- DIN 179 Guide Bushings (without Collar) (see page)
- GN 609.5 Distance Bushings (see page 810)
- ISO 8675 Thin Hex Nuts (see page)
- DIN 7979 Dowel Pins (see page)

TECHNICAL INFORMATION

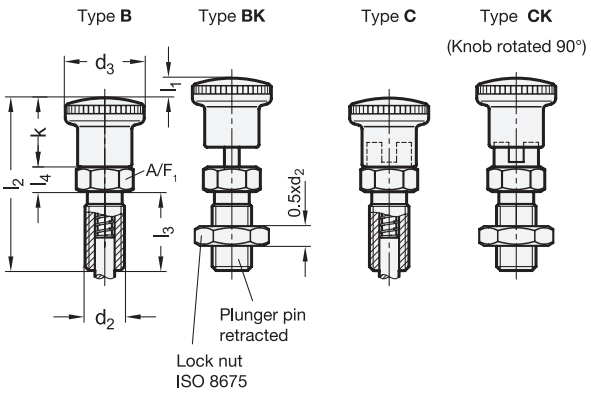
- List of Indexing Plunger Types (see page A42)
- Load Rating Information (see page 738)
- ISO-Fundamental Tolerances (see page A21)
- Plastic Characteristics (see page A2)
- Stainless Steel Characteristics (see page A26)

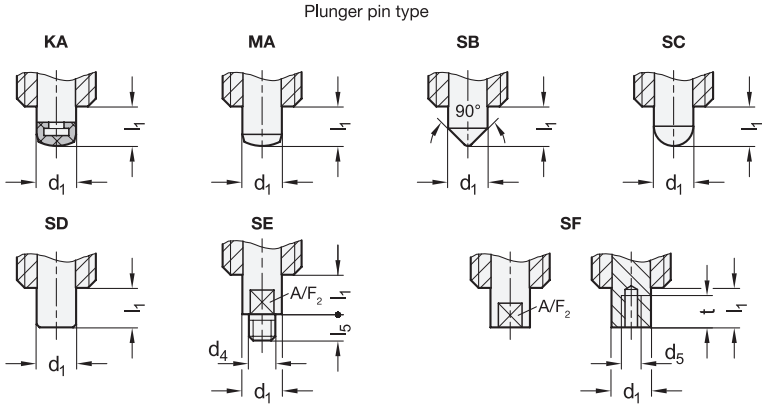
Application Examples





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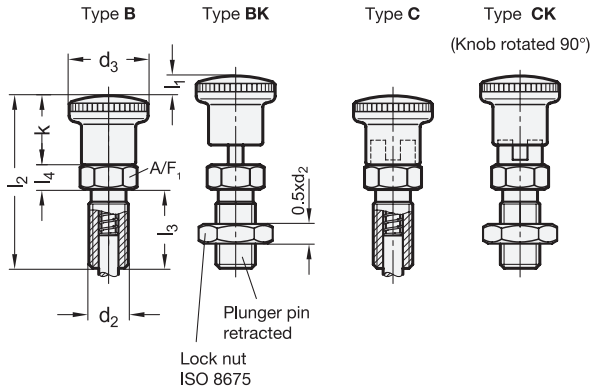


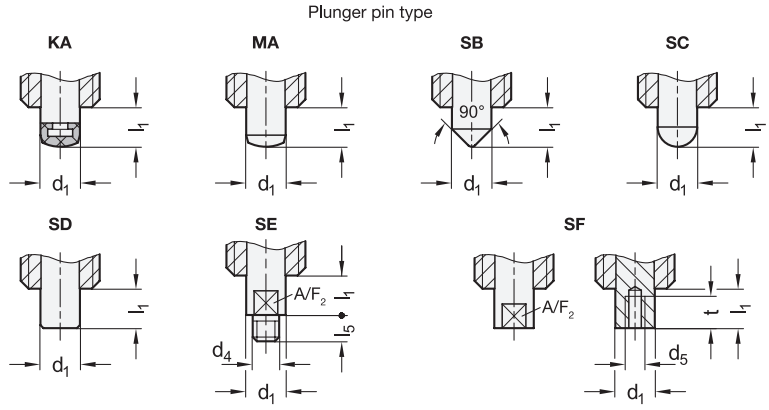


GN 81700-ST-B

Description	d1 Plunger -0.02/-0.05 Bore H7	l1	d2	d3	d4	d5	k	l2	l3	l4	l5	A/F1	A/F2	t min.	Spring load in N ≈ Initial	Spring load in N ≈ End	⚖
GN 81700-5-8-B-KA-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	19
GN 81700-5-8-B-MA-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	20
GN 81700-5-8-B-SB-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	19
GN 81700-5-8-B-SC-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	19
GN 81700-5-8-B-SD-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	20
GN 81700-5-8-B-SE-ST	5	8	M 10 x 1	19	M 3	-	16	40	18	6	4.5	12	4	-	5	18	20
GN 81700-5-8-B-SF-ST	5	8	M 10 x 1	19	-	M 3	16	40	18	6	-	12	4	6	5	18	19
GN 81700-6-9-B-KA-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	32
GN 81700-6-9-B-MA-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	33
GN 81700-6-9-B-SB-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	32
GN 81700-6-9-B-SC-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	32
GN 81700-6-9-B-SD-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	32
GN 81700-6-9-B-SE-ST	6	9	M 12 x 1.5	23	M 4	-	20	48	22	6	6	14	5	-	6	25	33
GN 81700-6-9-B-SF-ST	6	9	M 12 x 1.5	23	-	M 4	20	48	22	6	-	14	5	8	6	25	32
GN 81700-8-12-B-KA-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	67
GN 81700-8-12-B-MA-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	69
GN 81700-8-12-B-SB-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	67
GN 81700-8-12-B-SC-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	67
GN 81700-8-12-B-SD-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	68
GN 81700-8-12-B-SE-ST	8	12	M 16 x 1.5	28	M 5	-	24	58	26	8	7.5	17	7	-	8.5	28	69
GN 81700-8-12-B-SF-ST	8	12	M 16 x 1.5	28	-	M 5	24	58	26	8	-	17	7	10	8.5	28	66
GN 81700-10-12-B-KA-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	67
GN 81700-10-12-B-MA-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	70
GN 81700-10-12-B-SB-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	67
GN 81700-10-12-B-SC-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	68
GN 81700-10-12-B-SD-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	69
GN 81700-10-12-B-SE-ST	10	12	M 16 x 1.5	28	M 6	-	24	58	26	8	9	17	8	-	9.5	38	70
GN 81700-10-12-B-SF-ST	10	12	M 16 x 1.5	28	-	M 6	24	58	26	8	-	17	8	12	9.5	38	66

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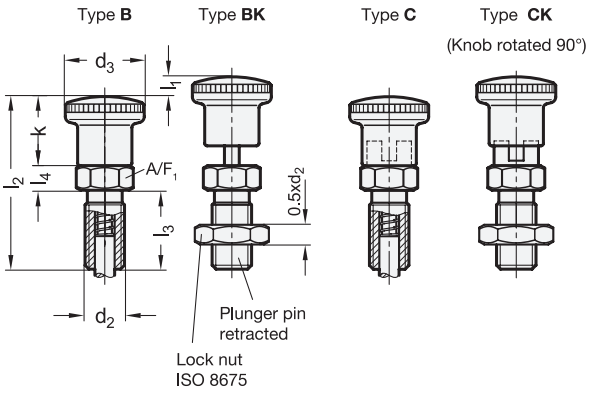


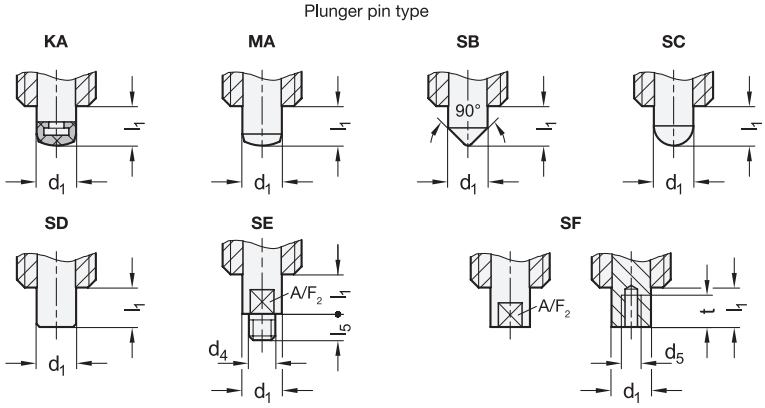
GN 81700-ST-BK

Description	d1 Plunger -0.02/-0.05 Bore H7	l1	d2	d3	d4	d5	k	l2	l3	l4	l5	A/F1	A/F2	t min.	Spring load in N ≈ Initial	Spring load in N ≈ End	⚖
GN 81700-5-8-BK-KA-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	25
GN 81700-5-8-BK-MA-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	26
GN 81700-5-8-BK-SB-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	25
GN 81700-5-8-BK-SC-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	25
GN 81700-5-8-BK-SD-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	26
GN 81700-5-8-BK-SE-ST	5	8	M 10 x 1	19	M 3	-	16	40	18	6	4.5	12	4	-	5	18	26
GN 81700-5-8-BK-SF-ST	5	8	M 10 x 1	19	-	M 3	16	40	18	6	-	12	4	6	5	18	25
GN 81700-6-9-BK-KA-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	41
GN 81700-6-9-BK-MA-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	42
GN 81700-6-9-BK-SB-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	41
GN 81700-6-9-BK-SC-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	41
GN 81700-6-9-BK-SD-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	41
GN 81700-6-9-BK-SE-ST	6	9	M 12 x 1.5	23	M 4	-	20	48	22	6	6	14	5	-	6	25	42
GN 81700-6-9-BK-SF-ST	6	9	M 12 x 1.5	23	-	M 4	20	48	22	6	-	14	5	8	6	25	40
GN 81700-8-12-BK-KA-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	87
GN 81700-8-12-BK-MA-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	89
GN 81700-8-12-BK-SB-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	87
GN 81700-8-12-BK-SC-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	88
GN 81700-8-12-BK-SD-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	88
GN 81700-8-12-BK-SE-ST	8	12	M 16 x 1.5	28	M 5	-	24	58	26	8	7.5	17	7	-	8.5	28	89
GN 81700-8-12-BK-SF-ST	8	12	M 16 x 1.5	28	-	M 5	24	58	26	8	-	17	7	10	8.5	28	87
GN 81700-10-12-BK-KA-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	87
GN 81700-10-12-BK-MA-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	90
GN 81700-10-12-BK-SB-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	87
GN 81700-10-12-BK-SC-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	88
GN 81700-10-12-BK-SD-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	89
GN 81700-10-12-BK-SE-ST	10	12	M 16 x 1.5	28	M 6	-	24	58	26	8	9	17	8	-	9.5	38	90
GN 81700-10-12-BK-SF-ST	10	12	M 16 x 1.5	28	-	M 6	24	58	26	8	-	17	8	12	9.5	38	86

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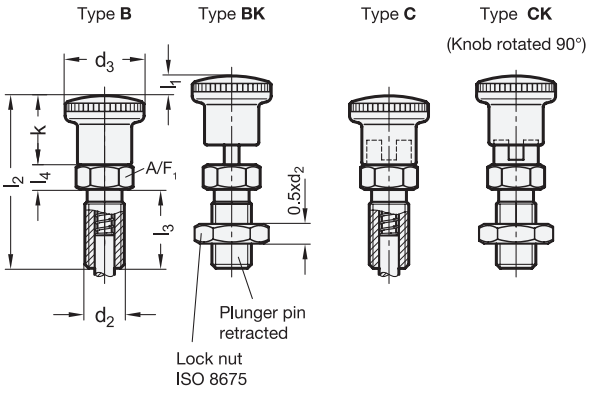


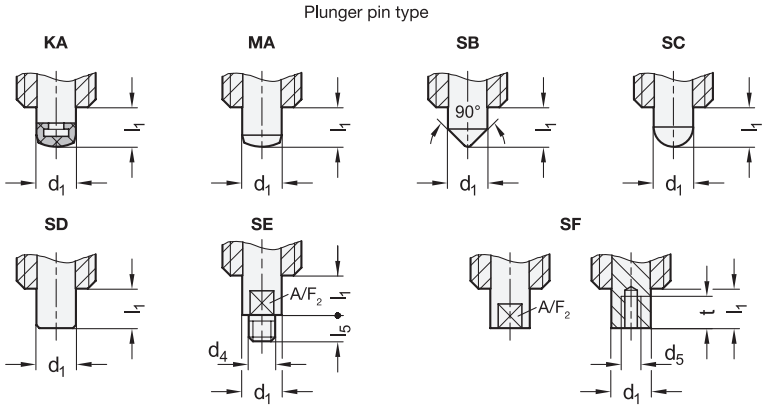


GN 81700-ST-C

Description	d1 Plunger -0.02/-0.05 Bore H7	l1	d2	d3	d4	d5	k	l2	l3	l4	l5	A/F1	A/F2	t min.	Spring load in N ≈ Initial	Spring load in N ≈ End	⚖
GN 81700-5-8-C-KA-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	21
GN 81700-5-8-C-MA-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	22
GN 81700-5-8-C-SB-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	22
GN 81700-5-8-C-SC-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	22
GN 81700-5-8-C-SD-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	22
GN 81700-5-8-C-SE-ST	5	8	M 10 x 1	19	M 3	-	16	40	18	6	4.5	12	4	-	5	18	22
GN 81700-5-8-C-SF-ST	5	8	M 10 x 1	19	-	M 3	16	40	18	6	-	12	4	6	5	18	21
GN 81700-6-9-C-KA-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	35
GN 81700-6-9-C-MA-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	36
GN 81700-6-9-C-SB-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	35
GN 81700-6-9-C-SC-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	36
GN 81700-6-9-C-SD-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	36
GN 81700-6-9-C-SE-ST	6	9	M 12 x 1.5	23	M 4	-	20	48	22	6	6	14	5	-	6	25	36
GN 81700-6-9-C-SF-ST	6	9	M 12 x 1.5	23	-	M 4	20	48	22	6	-	14	5	8	6	25	35
GN 81700-8-12-C-KA-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	72
GN 81700-8-12-C-MA-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	74
GN 81700-8-12-C-SB-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	73
GN 81700-8-12-C-SC-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	73
GN 81700-8-12-C-SD-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	74
GN 81700-8-12-C-SE-ST	8	12	M 16 x 1.5	28	M 5	-	24	58	26	8	7.5	17	7	-	8.5	28	75
GN 81700-8-12-C-SF-ST	8	12	M 16 x 1.5	28	-	M 5	24	58	26	8	-	17	7	10	8.5	28	72
GN 81700-10-12-C-KA-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	73
GN 81700-10-12-C-MA-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	76
GN 81700-10-12-C-SB-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	73
GN 81700-10-12-C-SC-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	74
GN 81700-10-12-C-SD-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	75
GN 81700-10-12-C-SE-ST	10	12	M 16 x 1.5	28	M 6	-	24	58	26	8	9	17	8	-	9.5	38	76
GN 81700-10-12-C-SF-ST	10	12	M 16 x 1.5	28	-	M 6	24	58	26	8	-	17	8	12	9.5	38	72

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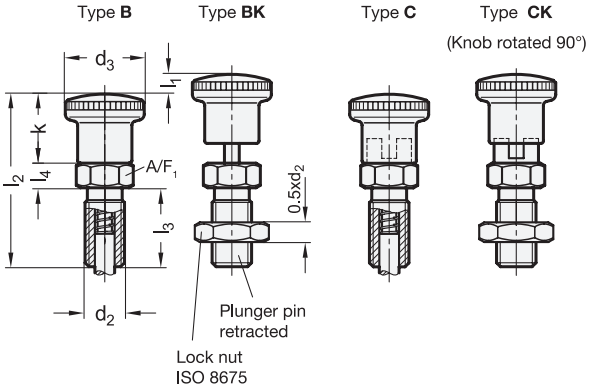


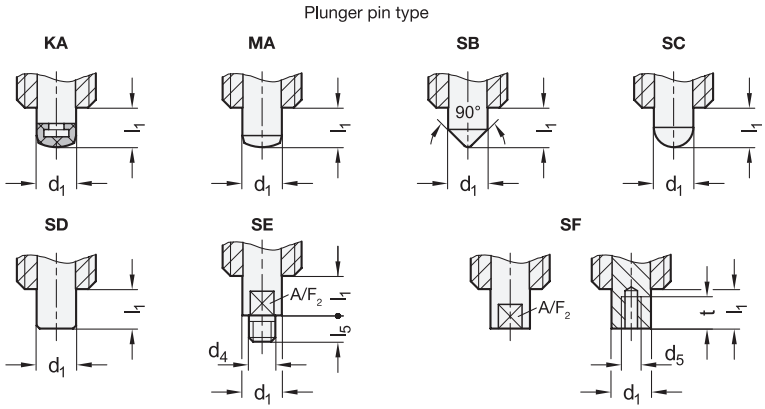
GN 81700-ST-CK

Description	d1 Plunger -0.02/-0.05 Bore H7	l1	d2	d3	d4	d5	k	l2	l3	l4	l5	A/F1	A/F2	t min.	Spring load in N ≈ Initial	Spring load in N ≈ End	⚖
GN 81700-5-8-CK-KA-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	28
GN 81700-5-8-CK-MA-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	28
GN 81700-5-8-CK-SB-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	28
GN 81700-5-8-CK-SC-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	28
GN 81700-5-8-CK-SD-ST	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	28
GN 81700-5-8-CK-SE-ST	5	8	M 10 x 1	19	M 3	-	16	40	18	6	4.5	12	4	-	5	18	28
GN 81700-5-8-CK-SF-ST	5	8	M 10 x 1	19	-	M 3	16	40	18	6	-	12	4	6	5	18	27
GN 81700-6-9-CK-KA-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	45
GN 81700-6-9-CK-MA-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	45
GN 81700-6-9-CK-SB-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	44
GN 81700-6-9-CK-SC-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	44
GN 81700-6-9-CK-SD-ST	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	45
GN 81700-6-9-CK-SE-ST	6	9	M 12 x 1.5	23	M 4	-	20	48	22	6	6	14	5	-	6	25	45
GN 81700-6-9-CK-SF-ST	6	9	M 12 x 1.5	23	-	M 4	20	48	22	6	-	14	5	8	6	25	44
GN 81700-8-12-CK-KA-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	88
GN 81700-8-12-CK-MA-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	95
GN 81700-8-12-CK-SB-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	93
GN 81700-8-12-CK-SC-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	93
GN 81700-8-12-CK-SD-ST	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	94
GN 81700-8-12-CK-SE-ST	8	12	M 16 x 1.5	28	M 5	-	24	58	26	8	7.5	17	7	-	8.5	28	95
GN 81700-8-12-CK-SF-ST	8	12	M 16 x 1.5	28	-	M 5	24	58	26	8	-	17	7	10	8.5	28	92
GN 81700-10-12-CK-KA-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	88
GN 81700-10-12-CK-MA-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	96
GN 81700-10-12-CK-SB-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	93
GN 81700-10-12-CK-SC-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	94
GN 81700-10-12-CK-SD-ST	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	95
GN 81700-10-12-CK-SE-ST	10	12	M 16 x 1.5	28	M 6	-	24	58	26	8	9	17	8	-	9.5	38	96
GN 81700-10-12-CK-SF-ST	10	12	M 16 x 1.5	28	-	M 6	24	58	26	8	-	17	8	12	9.5	38	92

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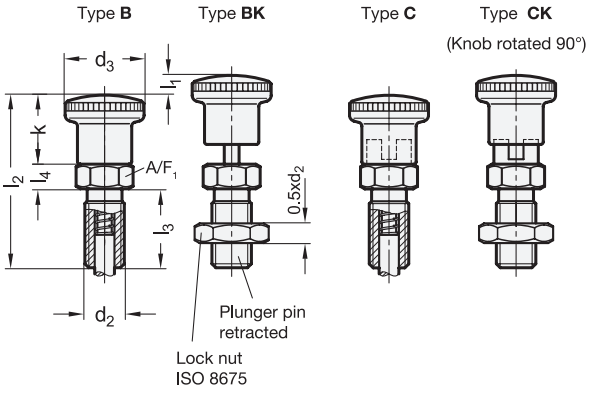


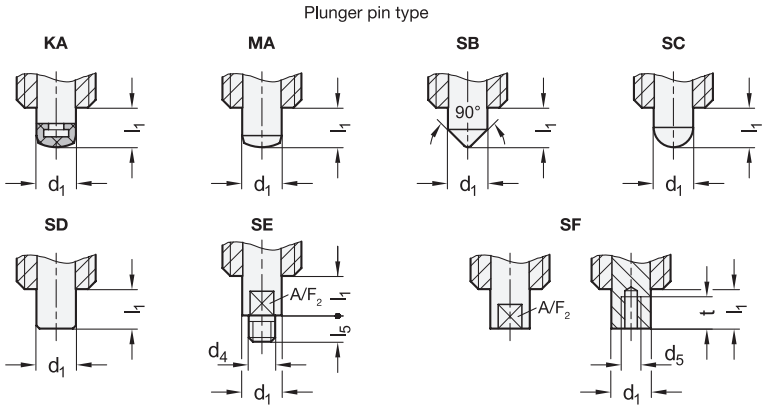


GN 81700-NI-B — **STAINLESS STEEL**

Description	d1 Plunger -0.02/-0.05 Bore H7	l1	d2	d3	d4	d5	k	l2	l3	l4	l5	A/F1	A/F2	t min.	Spring load in N ≈ Initial	Spring load in N ≈ End	⚖
GN 81700-5-8-B-KA-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	19
GN 81700-5-8-B-MA-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	20
GN 81700-5-8-B-SB-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	19
GN 81700-5-8-B-SC-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	20
GN 81700-5-8-B-SD-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	20
GN 81700-5-8-B-SE-NI	5	8	M 10 x 1	19	M 3	-	16	40	18	6	4.5	12	4	-	5	18	20
GN 81700-5-8-B-SF-NI	5	8	M 10 x 1	19	-	M 3	16	40	18	6	-	12	4	6	5	18	19
GN 81700-6-9-B-KA-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	32
GN 81700-6-9-B-MA-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	33
GN 81700-6-9-B-SB-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	32
GN 81700-6-9-B-SC-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	33
GN 81700-6-9-B-SD-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	33
GN 81700-6-9-B-SE-NI	6	9	M 12 x 1.5	23	M 4	-	20	48	22	6	6	14	5	-	6	25	33
GN 81700-6-9-B-SF-NI	6	9	M 12 x 1.5	23	-	M 4	20	48	22	6	-	14	5	8	6	25	32
GN 81700-8-12-B-KA-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	67
GN 81700-8-12-B-MA-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	69
GN 81700-8-12-B-SB-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	68
GN 81700-8-12-B-SC-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	68
GN 81700-8-12-B-SD-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	69
GN 81700-8-12-B-SE-NI	8	12	M 16 x 1.5	28	M 5	-	24	58	26	8	7.5	17	7	-	8.5	28	70
GN 81700-8-12-B-SF-NI	8	12	M 16 x 1.5	28	-	M 5	24	58	26	8	-	17	7	10	8.5	28	67
GN 81700-10-12-B-KA-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	67
GN 81700-10-12-B-MA-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	70
GN 81700-10-12-B-SB-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	68
GN 81700-10-12-B-SC-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	68
GN 81700-10-12-B-SD-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	69
GN 81700-10-12-B-SE-NI	10	12	M 16 x 1.5	28	M 6	-	24	58	26	8	9	17	8	-	9.5	38	71
GN 81700-10-12-B-SF-NI	10	12	M 16 x 1.5	28	-	M 6	24	58	26	8	-	17	8	12	9.5	38	67

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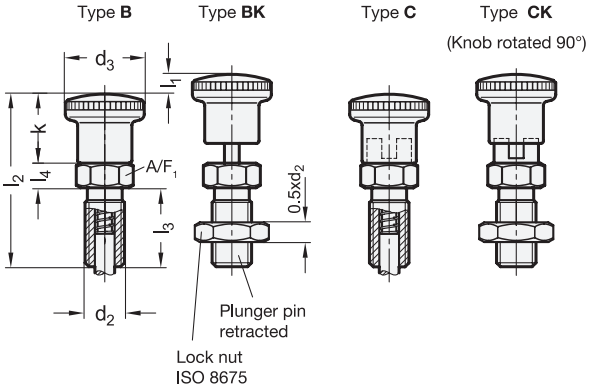
GN 81700-NI-BK — **STAINLESS STEEL**

Description	d1 Plunger -0.02/-0.05 Bore H7	l1	d2	d3	d4	d5	k	l2	l3	l4	l5	A/F1	A/F2	t min.	Spring load in N ≈ Initial	Spring load in N ≈ End	⚖
GN 81700-5-8-BK-KA-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	25
GN 81700-5-8-BK-MA-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	26
GN 81700-5-8-BK-SB-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	26
GN 81700-5-8-BK-SC-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	26
GN 81700-5-8-BK-SD-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	26
GN 81700-5-8-BK-SE-NI	5	8	M 10 x 1	19	M 3	-	16	40	18	6	4.5	12	4	-	5	18	26
GN 81700-5-8-BK-SF-NI	5	8	M 10 x 1	19	-	M 3	16	40	18	6	-	12	4	6	5	18	25
GN 81700-6-9-BK-KA-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	41
GN 81700-6-9-BK-MA-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	42
GN 81700-6-9-BK-SB-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	41
GN 81700-6-9-BK-SC-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	41
GN 81700-6-9-BK-SD-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	42
GN 81700-6-9-BK-SE-NI	6	9	M 12 x 1.5	23	M 4	-	20	48	22	6	6	14	5	-	6	25	42
GN 81700-6-9-BK-SF-NI	6	9	M 12 x 1.5	23	-	M 4	20	48	22	6	-	14	5	8	6	25	41
GN 81700-8-12-BK-KA-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	88
GN 81700-8-12-BK-MA-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	90
GN 81700-8-12-BK-SB-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	88
GN 81700-8-12-BK-SC-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	89
GN 81700-8-12-BK-SD-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	89
GN 81700-8-12-BK-SE-NI	8	12	M 16 x 1.5	28	M 5	-	24	58	26	8	7.5	17	7	-	8.5	28	90
GN 81700-8-12-BK-SF-NI	8	12	M 16 x 1.5	28	-	M 5	24	58	26	8	-	17	7	10	8.5	28	88
GN 81700-10-12-BK-KA-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	88
GN 81700-10-12-BK-MA-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	91
GN 81700-10-12-BK-SB-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	88
GN 81700-10-12-BK-SC-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	89
GN 81700-10-12-BK-SD-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	90
GN 81700-10-12-BK-SE-NI	10	12	M 16 x 1.5	28	M 6	-	24	58	26	8	9	17	8	-	9.5	38	91
GN 81700-10-12-BK-SF-NI	10	12	M 16 x 1.5	28	-	M 6	24	58	26	8	-	17	8	12	9.5	38	87

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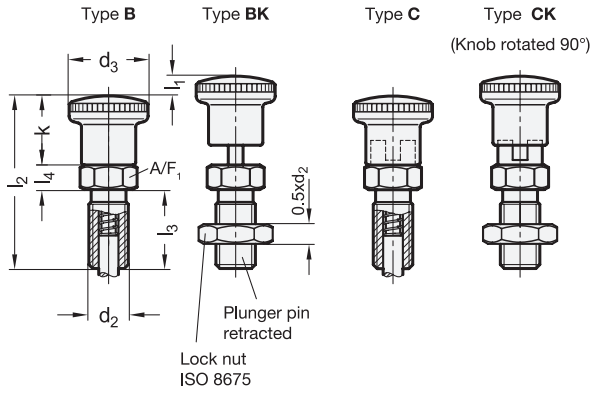
GN 81700 | Indexing Plungers

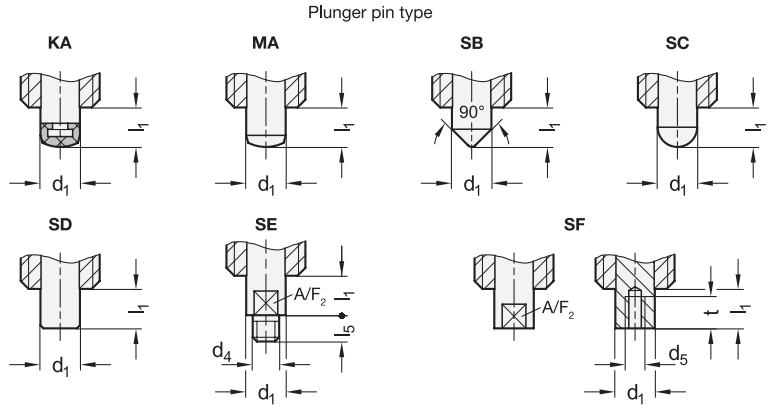


GN 81700-NI-C — **STAINLESS STEEL**

Description	d1 Plunger -0.02/-0.05 Bore H7	l1	d2	d3	d4	d5	k	l2	l3	l4	l5	A/F1	A/F2	t min.	Spring load in N ≈ Initial	Spring load in N ≈ End	⚖
GN 81700-5-8-C-KA-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	22
GN 81700-5-8-C-MA-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	22
GN 81700-5-8-C-SB-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	22
GN 81700-5-8-C-SC-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	22
GN 81700-5-8-C-SD-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	22
GN 81700-5-8-C-SE-NI	5	8	M 10 x 1	19	M 3	-	16	40	18	6	4.5	12	4	-	5	18	22
GN 81700-5-8-C-SF-NI	5	8	M 10 x 1	19	-	M 3	16	40	18	6	-	12	4	6	5	18	22
GN 81700-6-9-C-KA-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	36
GN 81700-6-9-C-MA-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	36
GN 81700-6-9-C-SB-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	36
GN 81700-6-9-C-SC-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	36
GN 81700-6-9-C-SD-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	36
GN 81700-6-9-C-SE-NI	6	9	M 12 x 1.5	23	M 4	-	20	48	22	6	6	14	5	-	6	25	37
GN 81700-6-9-C-SF-NI	6	9	M 12 x 1.5	23	-	M 4	20	48	22	6	-	14	5	8	6	25	35
GN 81700-8-12-C-KA-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	73
GN 81700-8-12-C-MA-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	75
GN 81700-8-12-C-SB-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	74
GN 81700-8-12-C-SC-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	74
GN 81700-8-12-C-SD-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	74
GN 81700-8-12-C-SE-NI	8	12	M 16 x 1.5	28	M 5	-	24	58	26	8	7.5	17	7	-	8.5	28	75
GN 81700-8-12-C-SF-NI	8	12	M 16 x 1.5	28	-	M 5	24	58	26	8	-	17	7	10	8.5	28	73
GN 81700-10-12-C-KA-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	73
GN 81700-10-12-C-MA-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	76
GN 81700-10-12-C-SB-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	74
GN 81700-10-12-C-SC-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	74
GN 81700-10-12-C-SD-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	75
GN 81700-10-12-C-SE-NI	10	12	M 16 x 1.5	28	M 6	-	24	58	26	8	9	17	8	-	9.5	38	77
GN 81700-10-12-C-SF-NI	10	12	M 16 x 1.5	28	-	M 6	24	58	26	8	-	17	8	12	9.5	38	73

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GN 81700-NI-CK — **STAINLESS STEEL**

Description	d1 Plunger -0.02/-0.05 Bore H7	l1	d2	d3	d4	d5	k	l2	l3	l4	l5	A/F1	A/F2	t min.	Spring load in N ≈ Initial	Spring load in N ≈ End	⚖
GN 81700-5-8-CK-KA-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	28
GN 81700-5-8-CK-MA-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	28
GN 81700-5-8-CK-SB-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	28
GN 81700-5-8-CK-SC-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	28
GN 81700-5-8-CK-SD-NI	5	8	M 10 x 1	19	-	-	16	40	18	6	-	12	-	-	5	18	28
GN 81700-5-8-CK-SE-NI	5	8	M 10 x 1	19	M 3	-	16	40	18	6	4.5	12	4	-	5	18	28
GN 81700-5-8-CK-SF-NI	5	8	M 10 x 1	19	-	M 3	16	40	18	6	-	12	4	6	5	18	28
GN 81700-6-9-CK-KA-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	45
GN 81700-6-9-CK-MA-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	45
GN 81700-6-9-CK-SB-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	45
GN 81700-6-9-CK-SC-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	45
GN 81700-6-9-CK-SD-NI	6	9	M 12 x 1.5	23	-	-	20	48	22	6	-	14	-	-	6	25	45
GN 81700-6-9-CK-SE-NI	6	9	M 12 x 1.5	23	M 4	-	20	48	22	6	6	14	5	-	6	25	46
GN 81700-6-9-CK-SF-NI	6	9	M 12 x 1.5	23	-	M 4	20	48	22	6	-	14	5	8	6	25	44
GN 81700-8-12-CK-KA-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	94
GN 81700-8-12-CK-MA-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	95
GN 81700-8-12-CK-SB-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	94
GN 81700-8-12-CK-SC-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	94
GN 81700-8-12-CK-SD-NI	8	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	8.5	28	95
GN 81700-8-12-CK-SE-NI	8	12	M 16 x 1.5	28	M 5	-	24	58	26	8	7.5	17	7	-	8.5	28	96
GN 81700-8-12-CK-SF-NI	8	12	M 16 x 1.5	28	-	M 5	24	58	26	8	-	17	7	10	8.5	28	93
GN 81700-10-12-CK-KA-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	94
GN 81700-10-12-CK-MA-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	97
GN 81700-10-12-CK-SB-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	94
GN 81700-10-12-CK-SC-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	95
GN 81700-10-12-CK-SD-NI	10	12	M 16 x 1.5	28	-	-	24	58	26	8	-	17	-	-	9.5	38	96
GN 81700-10-12-CK-SE-NI	10	12	M 16 x 1.5	28	M 6	-	24	58	26	8	9	17	8	-	9.5	38	97
GN 81700-10-12-CK-SF-NI	10	12	M 16 x 1.5	28	-	M 6	24	58	26	8	-	17	8	12	9.5	38	93

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