

# GN 7017

## Indexing plungers

Steel / Stainless Steel, with lever, with and without rest position



### Specification

#### Types

- Type **B**: without rest position, without locknut
- Type **BK**: without rest position, with locknut
- Type **C**: with rest position, without locknut
- Type **CK**: with rest position, with locknut
  
- Version in Steel zinc plated, blue passivated **ST**
- Version in Stainless Steel AISI 303 **NI**

Spring

Stainless Steel AISI 301

### Information

GN 7017 indexing plungers are activated through a lever and are characterized by small dimensions. These indexing plungers are universally applicable due to their prevention of misalignments and positioning errors of the mating indexing bores.

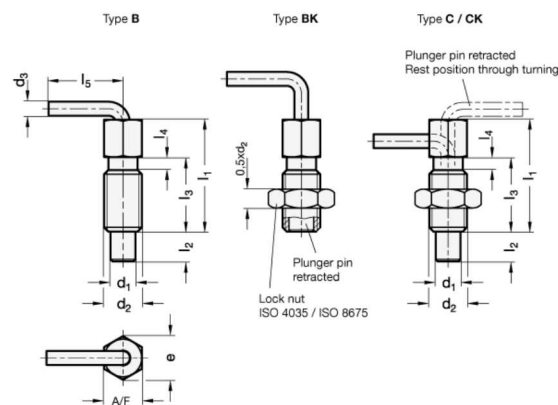
The type C / CK with rest position are used for such applications where the plunger has to stay in its retracted position.

During assembly, the max. tightening torques shown in the table should not be exceeded when securing the lock nut

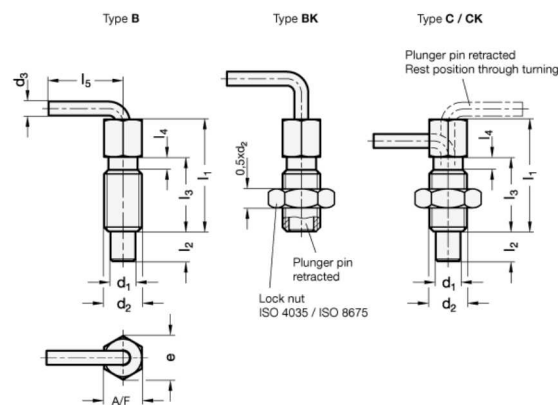
- [Range of indexing plungers](#)

### Technical Information

- [ISO-Fundamental Tolerances](#)
- [Stainless Steel characteristics](#)
- [Load rating information](#)



Description	d <sub>1</sub> Bore +0.03/+0.08 Pin h11	d <sub>2</sub>	d <sub>3</sub>	e	l <sub>1</sub>	l <sub>2</sub> min.	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub> min.	A/F	Max. tightening torque in Nm	Spring load in N ≈ initial	Spring load in N ≈ end	Weight
<b>GN 7017-4-M6-B-ST</b>	4	M 6	2.5	6.9	32	9.5	20	2.5	16	6	1.6	3	10	6
<b>GN 7017-5-M8-B-ST</b>	5	M 8	3	9.2	42	12	27	3.1	19.5	8	4.5	3.5	13.5	15
<b>GN 7017-6-M10-B-ST</b>	6	M 10	3.5	11.5	51	14	33.5	3.7	24	10	10	4	16	28
<b>GN 7017-8-M12-B-ST</b>	8	M 12	5	13.8	54	19	31.8	4.3	32	12	13	4	22	47
<b>GN 7017-10-M16-B-ST</b>	10	M 16	5	19.6	77.5	25	50.5	5	33.5	16	42	4	23	110
<b>GN 7017-4-M6-BK-ST</b>	4	M 6	2.5	6.9	32	9.5	20	2.5	16	6	1.6	3	10	8
<b>GN 7017-5-M8-BK-ST</b>	5	M 8	3	9.2	42	12	27	3.1	19.5	8	4.5	3.5	13.5	18
<b>GN 7017-6-M10-BK-ST</b>	6	M 10	3.5	11.5	51	14	33.5	3.7	24	10	10	4	16	33
<b>GN 7017-8-M12-BK-ST</b>	8	M 12	5	13.8	54	19	31.8	4.3	32	12	13	4	22	100
<b>GN 7017-10-M16-BK-ST</b>	10	M 16	5	19.6	77.5	25	50.5	5	33.5	16	42	4	23	130
<b>GN 7017-4-M6-C-ST</b>	4	M 6	2.5	6.9	32	9.5	20	2.5	16	6	1.6	3	10	6
<b>GN 7017-5-M8-C-ST</b>	5	M 8	3	9.2	42	12	27	3.1	19.5	8	4.5	3.5	13.5	13
<b>GN 7017-6-M10-C-ST</b>	6	M 10	3.5	11.5	51	14	33.5	3.7	24	10	10	4	16	26
<b>GN 7017-8-M12-C-ST</b>	8	M 12	5	13.8	54	19	31.8	4.3	32	12	13	4	22	41
<b>GN 7017-10-M16-C-ST</b>	10	M 16	5	19.6	77.5	25	50.5	5	33.5	16	42	4	23	104
<b>GN 7017-4-M6-CK-ST</b>	4	M 6	2.5	6.9	32	9.5	20	2.5	16	6	1.6	3	10	8
<b>GN 7017-5-M8-CK-ST</b>	5	M 8	3	9.2	42	12	27	3.1	19.5	8	4.5	3.5	13.5	16
<b>GN 7017-6-M10-CK-ST</b>	6	M 10	3.5	11.5	51	14	33.5	3.7	24	10	10	4	16	31
<b>GN 7017-8-M12-CK-ST</b>	8	M 12	5	13.8	54	19	31.8	4.3	32	12	13	4	22	40
<b>GN 7017-10-M16-CK-ST</b>	10	M 16	5	19.6	77.5	25	50.5	5	33.5	16	42	4	23	124



Description	d <sub>1</sub> Bore +0.03/+0.08 Pin h11	d <sub>2</sub>	d <sub>3</sub>	e	l <sub>1</sub>	l <sub>2</sub> min.	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub> min.	A/F	Max. tightening torque in Nm	Spring load in N ≈ initial	Spring load in N ≈ end	Weight
<b>GN 7017-4-M6-B-NI</b>	4	M 6	2.5	6.9	32	9.5	20	2.5	16	6	1.6	3	10	6
<b>GN 7017-5-M8-B-NI</b>	5	M 8	3	9.2	42	12	27	3.1	19.5	8	4.5	3.5	13.5	15
<b>GN 7017-6-M10-B-NI</b>	6	M 10	3.5	11.5	51	14	33.5	3.7	24	10	10	4	16	29
<b>GN 7017-8-M12-B-NI</b>	8	M 12	5	13.8	54	19	31.8	4.3	32	12	13	4	22	48
<b>GN 7017-10-M16-B-NI</b>	10	M 16	5	19.6	77.5	25	50.5	5	33.5	16	42	4	23	112
<b>GN 7017-4-M6-BK-NI</b>	4	M 6	2.5	6.9	32	9.5	20	2.5	16	6	1.6	3	10	7
<b>GN 7017-5-M8-BK-NI</b>	5	M 8	3	9.2	42	12	27	3.1	19.5	8	4.5	3.5	13.5	18
<b>GN 7017-6-M10-BK-NI</b>	6	M 10	3.5	11.5	51	14	33.5	3.7	24	10	10	4	16	34
<b>GN 7017-8-M12-BK-NI</b>	8	M 12	5	13.8	54	19	31.8	4.3	32	12	13	4	22	58
<b>GN 7017-10-M16-BK-NI</b>	10	M 16	5	19.6	77.5	25	50.5	5	33.5	16	42	4	23	130
<b>GN 7017-4-M6-C-NI</b>	4	M 6	2.5	6.9	32	9.5	20	2.5	16	6	1.6	3	10	6
<b>GN 7017-5-M8-C-NI</b>	5	M 8	3	9.2	42	12	27	3.1	19.5	8	4.5	3.5	13.5	13
<b>GN 7017-6-M10-C-NI</b>	6	M 10	3.5	11.5	51	14	33.5	3.7	24	10	10	4	16	26
<b>GN 7017-8-M12-C-NI</b>	8	M 12	5	13.8	54	19	31.8	4.3	32	12	13	4	22	42
<b>GN 7017-10-M16-C-NI</b>	10	M 16	5	19.6	77.5	25	50.5	5	33.5	16	42	4	23	102
<b>GN 7017-4-M6-CK-NI</b>	4	M 6	2.5	6.9	32	9.5	20	2.5	16	6	1.6	3	10	7
<b>GN 7017-5-M8-CK-NI</b>	5	M 8	3	9.2	42	12	27	3.1	19.5	8	4.5	3.5	13.5	28
<b>GN 7017-6-M10-CK-NI</b>	6	M 10	3.5	11.5	51	14	33.5	3.7	24	10	10	4	16	35
<b>GN 7017-8-M12-CK-NI</b>	8	M 12	5	13.8	54	19	31.8	4.3	32	12	13	4	22	50
<b>GN 7017-10-M16-CK-NI</b>	10	M 16	5	19.6	77.5	25	50.5	5	33.5	16	42	4	23	120