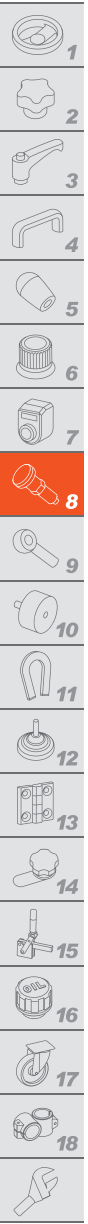


# GN 817.8 Indexing plungers

With or without rest position, steel or stainless steel



## 1 THREADED BODY

Black-oxide steel (ST index).  
AISI 303 stainless steel (NI index).

## 2 PLUNGER

AISI 303 stainless steel.  
Suggested tolerance for matching hole = H7.

## 4 SPRING

AISI 301 stainless steel.

## 5 SCREW

AISI 304 stainless steel.

## 6 KNOB

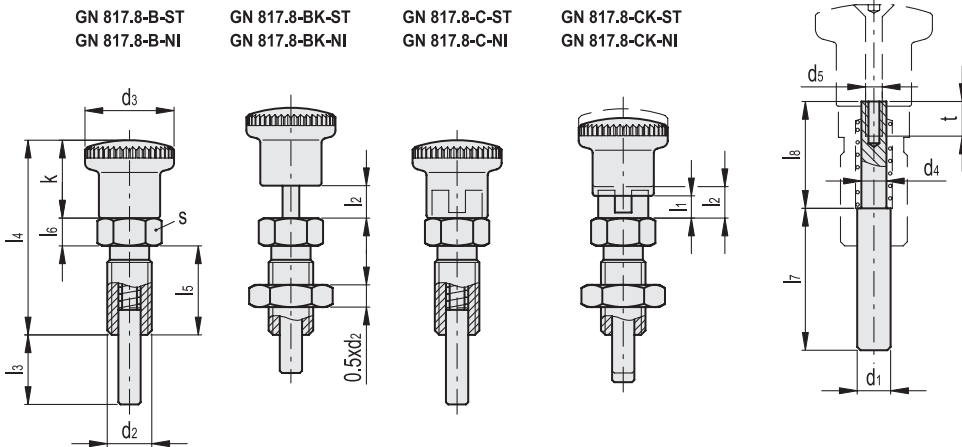
High-resilience polyamide based (PA) technopolymer, black colour, matte finish.

## 7 STANDARD EXECUTIONS

- **GN 817.8-B**: with knob, without locking nut.
  - **GN 817.8-BK**: with knob and locking nut.
  - **GN 817.8-C**: with knob and rest position, without locking nut.
  - **GN 817.8-CK**: with knob, rest position and locking nut.
- Index for material of the threaded body and the locking nut:
- **ST**: black-oxide steel.
  - **NI**: AISI 303 stainless steel.

## 10 FEATURES AND APPLICATIONS

GN 817.8 indexing plungers have been designed to allow customisation of the plunger economically and in small quantities.  
In order to be able to perform the machining operations on the plunger, all components are supplied in unassembled sets.



## GN 817.8-B-ST

Code	Description	d1 Plunger -0.02 -0.04 Hole H7	d2	d3	d4	d5	k	l2	l3	l4	l5	l6	l7	l8	sw	t	[N]*	[N]#	Δ
GN.36346	GN 817.8-7-6-B-ST	7	M12x1.5	23	5	M3	20	8	20	48	22	6	31	17.5	14	7	6.5	19	33
GN.36356	GN 817.8-7-9-B-ST	7	M12x1.5	23	5	M3	20	11	20	48	22	6	27.5	21	14	7	6	25	53
GN.36366	GN 817.8-8-8-B-ST	8	M16x1.5	28	6	M4	24	10	25	58	26	8	39	20.5	17	8	8.5	26	75
GN.36376	GN 817.8-8-12-B-ST	8	M16x1.5	28	6	M4	24	14	25	58	26	8	34	25.5	17	8	8.5	28	109
GN.36386	GN 817.8-10-12-B-ST	10	M16x1.5	28	7.5	M4	24	14	30	58	26	8	39	25.5	17	8	9.5	38	130
GN.36396	GN 817.8-12-15-B-ST	12	M20x1.5	33	9	M6	28.5	17	35	71.5	33	10	47.5	31.5	22	13.5	11.5	40	147

\* Spring preload

# Spring maximum load

## GN 817.8-BK-ST

Code	Description	d1 Plunger -0.02 -0.04 Hole H7	d2	d3	d4	d5	k	l2	l3	l4	l5	l6	l7	l8	sw	t	[N]*	[N]#	
GN.36348	GN 817.8-7-6-BK-ST	7	M12x1.5	23	5	M3	20	8	20	48	22	6	31	17.5	14	7	6.5	19	41
GN.36358	GN 817.8-7-9-BK-ST	7	M12x1.5	23	5	M3	20	11	20	48	22	6	27.5	21	14	7	6	25	61
GN.36368	GN 817.8-8-8-BK-ST	8	M16x1.5	28	6	M4	24	10	25	58	26	8	39	20.5	17	8	8.5	26	95
GN.36378	GN 817.8-8-12-BK-ST	8	M16x1.5	28	6	M4	24	14	25	58	26	8	34	25.5	17	8	8.5	28	115
GN.36388	GN 817.8-10-12-BK-ST	10	M16x1.5	28	7.5	M4	24	14	30	58	26	8	39	25.5	17	8	9.5	38	150
GN.36398	GN 817.8-12-15-BK-ST	12	M20x1.5	33	9	M6	28.5	17	35	71.5	33	10	47.5	31.5	22	13.5	11.5	40	177

## GN 817.8-B-NI

INOX STAINLESS STEEL

GN.36341	GN 817.8-7-6-B-NI	7	M12x1.5	23	5	M3	20	8	20	48	22	6	31	17.5	14	7	6.5	19	35
GN.36351	GN 817.8-7-9-B-NI	7	M12x1.5	23	5	M3	20	11	20	48	22	6	27.5	21	14	7	6	25	55
GN.36361	GN 817.8-8-8-B-NI	8	M16x1.5	28	6	M4	24	10	25	58	26	8	39	20.5	17	8	8.5	26	75
GN.36371	GN 817.8-8-12-B-NI	8	M16x1.5	28	6	M4	24	14	25	58	26	8	34	25.5	17	8	8.5	28	111
GN.36381	GN 817.8-10-12-B-NI	10	M16x1.5	28	7.5	M4	24	14	30	58	26	8	39	25.5	17	8	9.5	38	132
GN.36391	GN 817.8-12-15-B-NI	12	M20x1.5	33	9	M6	28.5	17	35	71.5	33	10	47.5	31.5	22	13.5	11.5	40	150

## GN 817.8-BK-NI

GN.36343	GN 817.8-7-6-BK-NI	7	M12x1.5	23	5	M3	20	8	20	48	22	6	31	17.5	14	7	6.5	19	43
GN.36353	GN 817.8-7-9-BK-NI	7	M12x1.5	23	5	M3	20	11	20	48	22	6	27.5	21	14	7	6	25	62
GN.36363	GN 817.8-8-8-BK-NI	8	M16x1.5	28	6	M4	24	10	25	58	26	8	39	20.5	17	8	8.5	26	97
GN.36373	GN 817.8-8-12-BK-NI	8	M16x1.5	28	6	M4	24	14	25	58	26	8	34	25.5	17	8	8.5	28	117
GN.36383	GN 817.8-10-12-BK-NI	10	M16x1.5	28	7.5	M4	24	14	30	58	26	8	39	25.5	17	8	9.5	38	152
GN.36393	GN 817.8-12-15-BK-NI	12	M20x1.5	33	9	M6	28.5	17	35	71.5	33	10	47.5	31.5	22	13.5	11.5	40	179

## GN 817.8-C-ST

Code	Description	d1 Plunger -0.02 -0.04 Hole H7	d2	d3	d4	d5	k	l1	l2	l3	l4	l5	l6	l7	l8	sw	t	[N]*	[N]#	
GN.36347	GN 817.8-7-6-C-ST	7	M12x1.5	23	5	M3	20	6	8	20	48	22	6	31	17.5	14	7	6.5	19	35
GN.36357	GN 817.8-7-9-C-ST	7	M12x1.5	23	5	M3	20	9	11	20	48	22	6	27.5	21	14	7	6	25	65
GN.36367	GN 817.8-8-8-C-ST	8	M16x1.5	28	6	M4	24	8	10	25	58	26	8	39	20.5	17	8	8.5	26	100
GN.36377	GN 817.8-8-12-C-ST	8	M16x1.5	28	6	M4	24	12	14	25	58	26	8	34	25.5	17	8	8.5	28	129
GN.36387	GN 817.8-10-12-C-ST	10	M16x1.5	28	7.5	M4	24	12	14	30	58	26	8	39	25.5	17	8	9.5	38	140
GN.36397	GN 817.8-12-15-C-ST	12	M20x1.5	33	9	M6	28.5	15	17	35	71.5	33	10	47.5	31.5	22	13.5	11.5	40	159

## GN 817.8-CK-ST

GN.36349	GN 817.8-7-6-CK-ST	7	M12x1.5	23	5	M3	20	6	8	20	48	22	6	31	17.5	14	7	6.5	19	43
GN.36359	GN 817.8-7-9-CK-ST	7	M12x1.5	23	5	M3	20	9	11	20	48	22	6	27.5	21	14	7	6	25	55
GN.36369	GN 817.8-8-8-CK-ST	8	M16x1.5	28	6	M4	24	8	10	25	58	26	8	39	20.5	17	8	8.5	26	89
GN.36379	GN 817.8-8-12-CK-ST	8	M16x1.5	28	6	M4	24	12	14	25	58	26	8	34	25.5	17	8	8.5	28	110
GN.36389	GN 817.8-10-12-CK-ST	10	M16x1.5	28	7.5	M4	24	12	14	30	58	26	8	39	25.5	17	8	9.5	38	150
GN.36399	GN 817.8-12-15-CK-ST	12	M20x1.5	33	9	M6	28.5	15	17	35	71.5	33	10	47.5	31.5	22	13.5	11.5	40	208

## GN 817.8-C-NI

INOX STAINLESS STEEL

GN.36342	GN 817.8-7-6-C-NI	7	M12x1.5	23	5	M3	20	6	8	20	48	22	6	31	17.5	14	7	6.5	19	37
GN.36352	GN 817.8-7-9-C-NI	7	M12x1.5	23	5	M3	20	9	11	20	48	22	6	27.5	21	14	7	6	25	67
GN.36362	GN 817.8-8-8-C-NI	8	M16x1.5	28	6	M4	24	8	10	25	58	26	8	39	20.5	17	8	8.5	26	102
GN.36372	GN 817.8-8-12-C-NI	8	M16x1.5	28	6	M4	24	12	14	25	58	26	8	34	25.5	17	8	8.5	28	131
GN.36382	GN 817.8-10-12-C-NI	10	M16x1.5	28	7.5	M4	24	12	14	30	58	26	8	39	25.5	17	8	9.5	38	142
GN.36392	GN 817.8-12-15-C-NI	12	M20x1.5	33	9	M6	28.5	15	17	35	71.5	33	10	47.5	31.5	22	13.5	11.5	40	161

## GN 817.8-CK-NI

GN.36344	GN 817.8-7-6-CK-NI	7	M12x1.5	23	5	M3	20	6	8	20	48	22	6	31	17.5	14	7	6.5	19	45
GN.36354	GN 817.8-7-9-CK-NI	7	M12x1.5	23	5	M3	20	9	11	20	48	22	6	27.5	21	14	7	6	25	57
GN.36364	GN 817.8-8-8-CK-NI	8	M16x1.5	28	6	M4	24	8	10	25	58	26	8	39	20.5	17	8	8.5	26	91
GN.36374	GN 817.8-8-12-CK-NI	8	M16x1.5	28	6	M4	24	12	14	25	58	26	8	34	25.5	17	8	8.5	28	112
GN.36384	GN 817.8-10-12-CK-NI	10	M16x1.5	28	7.5	M4	24	12	14	30	58	26	8	39	25.5	17	8	9.5	38	152
GN.36394	GN 817.8-12-15-CK-NI	12	M20x1.5	33	9	M6	28.5	15	17	35	71.5	33	10	47.5	31.5	22	13.5	11.5	40	210

\* Spring preload

# Spring maximum load

