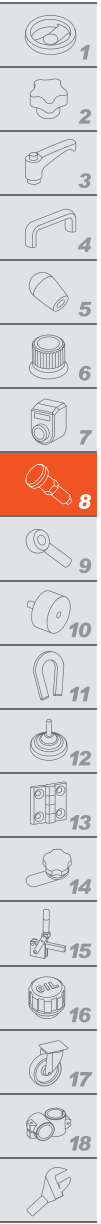


# PMT.110 | Indexing plungers

SUPER-technopolymer body



## 1 THREADED BODY

Glass-fibre reinforced polyamide based (PA) SUPER-technopolymer.

## 2 PLUNGER

Black-oxide hardened steel or AISI 303 stainless steel.  
Suggested tolerance for matching hole = H7.

## 3 KNOB

Glass-fibre reinforced polyamide based (PA) technopolymer, grey-black colour, matte finish.

## 5 LOCKING NUT

NTT: Glass-fibre reinforced polyamide based (PA) SUPER-technopolymer.  
Available also as accessory sold separately (see table).

## 7 SPRING

AISI 302 stainless steel.

## STANDARD EXECUTIONS

- **PMT.110-A:** black-oxide steel plunger, without locking nut.
- **PMT.110-AK:** black-oxide steel plunger, with locking nut (supplied not assembled).
- **PMT.110-SST-A:** AISI 303 stainless steel plunger, without locking nut, not magnetic.
- **PMT.110-SST-AK:** AISI 303 stainless steel plunger, with locking nut (supplied not assembled), not magnetic.

## FEATURES AND APPLICATIONS

- Lightness and high mechanical resistance of the product.
- Anticorrosive material: suitable even in the presence of liquid or humidity (PMT.110-SST).
- The SUPER-technopolymer threaded body of the plunger offers a low friction factor to the plunger stroke; no lubricating maintenance is required.
- Resistant to several cleaning cycles with solvents and other chemical agents, for this reason they are suitable for applications as in the pharmaceutical or food industry.

## ASSEMBLY INSTRUCTIONS

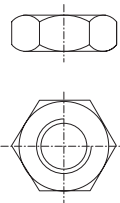
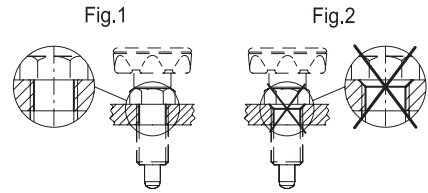
Make sure that no machining residues are left on the threaded hole for the tightening of PMT.110 indexing plunger (see fig. 1). Do not make any chamfering in the hole (see fig. 2).  
SUPER-technopolymer product based on ELESA technology, dimensions according to GN 617 standards as agreed with Otto Ganter GmbH Co. KG.  
ELK knob type: ELESA original design.

## ACCESSORIES ON REQUEST

NTT: special glass-fibre reinforced polyamide based (PA) SUPER-technopolymer locking nut (see table).

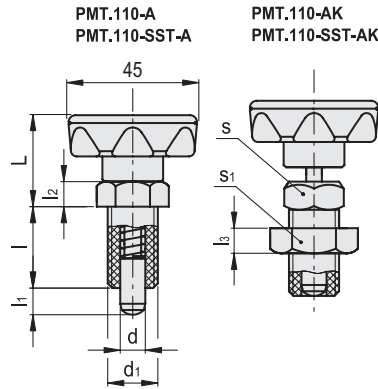


ELESA Original design

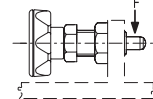


## NTT

Code	Description
301087	NTT-M16x1,5
301089	NTT-M20x1,5



Static load at breakage  
Test method



**PMT.110-A**

Code	Description	d Plunger -0.15-0.1 Hole H7	d1	L	l	l1	l2	s	[N]*	[N]#	Maximum tightening torque [Nm]	Static load at breakage F [N]	⚖️
51811	PMT.110-8-M16x1,5-A	8	M16x1.5	34	26	8	8	19	11	30	18	5900	47
51812	PMT.110-10-M20x1,5-A	10	M20x1.5	36	33	10	10	22	19	45	25	7700	62

**PMT.110-AK**

Code	Description	d Plunger -0.15-0.1 Hole H7	d1	L	l	l1	l2	l3	s	s1	[N]*	[N]#	Maximum tightening torque [Nm]	Static load at breakage F [N]	⚖️
51821	PMT.110-8-M16x1,5-AK	8	M16x1.5	34	26	8	8	10	19	24	11	30	18	5900	51
51822	PMT.110-10-M20x1,5-AK	10	M20x1.5	36	33	10	10	11	22	30	19	45	25	7700	70

**PMT.110-SST-A**



Code	Description	d Plunger -0.15-0.1 Hole H7	d1	L	l	l1	l2	s	[N]*	[N]#	Maximum tightening torque [Nm]	Static load at breakage F [N]	⚖️
51831	PMT.110-SST-8-M16x1,5-A	8	M16x1.5	34	26	8	8	19	11	30	18	4400	47
51832	PMT.110-SST-10-M20x1,5-A	10	M20x1.5	36	33	10	10	22	19	45	25	6800	62

**PMT.110-SST-AK**



Code	Description	d Plunger -0.15-0.1 Hole H7	d1	L	l	l1	l2	l3	s	s1	[N]*	[N]#	Maximum tightening torque [Nm]	Static load at breakage F [N]	⚖️
51841	PMT.110-SST-8-M16x1,5-AK	8	M16x1.5	34	26	8	8	10	19	24	11	30	18	4400	51
51842	PMT.110-SST-10-M20x1,5-AK	10	M20x1.5	36	33	10	10	11	22	30	19	45	25	6800	70

\* Spring preload  
# Spring maximum load

