

Indexing Plungers

Steel / Stainless Steel, with Flange for Surface Mounting, with or without Rest Position, with Pull Ring or Latch

SPECIFICATION

Types

- Type **A**: With pull ring, without rest position
- Type **C**: With pull ring, with rest position
- Type **E**: With latch, with rest position

Guide

Steel precision casting

- Zinc plated, blue passivated **ZB**
- Zinc plated and powder coated
- Black, RAL 9005, textured finish **SW**

Guide

Stainless steel precision casting AISI 316 **A4**

Pull ring

- Steel precision casting
- Zinc plated, blue passivated (ZB and SW)
- Steel precision casting AISI 316 (for A4)

Latch

- Steel precision casting
- Zinc plated, blue passivated (for ZB and SW)
- Steel precision casting AISI 316 (for A4)

Plunger Pin

- Steel precision casting
- Steel, zinc plated, blue passivated (ZB and SW)
- Stainless steel AISI 316 (for A4)

Grub Screw DIN 915 (Type A)

- Steel, zinc plated (for ZB and SW)
- Stainless steel (for A4)

Pressure spring

Stainless steel AISI 316Ti

INFORMATION

With indexing plungers GN 722.5, the plunger pin is actuated via the pull ring / latch. This is done either manually, with a cable or by means of an extended pull rod with hook. The **ST** version is designed for applications in steel construction, whereas the stainless steel version **A4** is suitable for use in particularly aggressive environments.

The type with rest position is used when the plunger pin should temporarily not protrude. For this purpose, the pull ring is turned sideways after the locking pin has been retracted. The ring is held in this position by the catch groove at the top of the guide.

The dimensional tolerances between the pin and the guide have been chosen to ensure functional reliability even in roughly dimensioned applications or in the event of soiling.

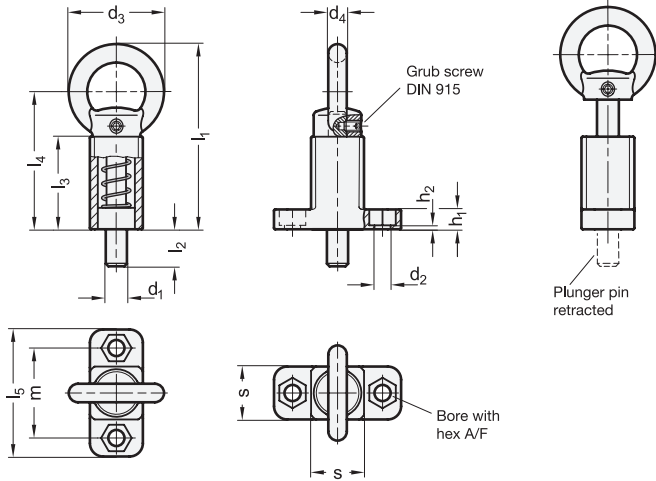
There are several options for fastening. The hexagonal mounting holes allow the use of socket cap screws DIN 912 and hex screws or nuts according to DIN 931 or DIN 934.

- Range of Indexing Plungers (see page 816)

TECHNICAL INFORMATION

- Load Rating Information (see page A42)
- Stainless Steel Characteristics (see page A26)



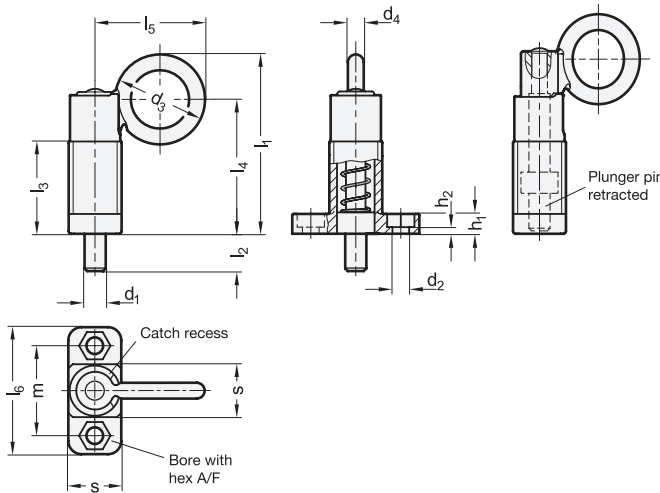


* Complete with
SW Black, RAL 9005 **ZB** Zinc plated

GN 722.5-A-ST

Description	d1 Pin -0.05/-0.25 Bore +0.1/+0.3	s	d2 +0.3	d3	d4	h1	h2	l1 ≈	l2	l3	l4	l5	m	A/F	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 722.5-8-20-A-*	8	20	6.1	36	7	7.5	1.5	70	14	35	52	48	34	10	14	35	155
GN 722.5-10-20-A-*	10	20	6.1	36	7	7.5	1.5	70	14	35	52	48	34	10	14	35	162
GN 722.5-12-20-A-*	12	20	6.1	36	7	7.5	1.5	70	14	35	52	48	34	10	14	35	163
GN 722.5-14-20-A-*	14	20	6.1	36	7	7.5	1.5	70	14	35	52	48	34	10	14	35	167
GN 722.5-16-30-A-*	16	30	10.1	50	10	15	5	103	20	54	78	80	55	17	22	70	703
GN 722.5-20-30-A-*	20	30	10.1	50	10	15	5	103	20	54	78	80	55	17	22	70	721

Weight SW

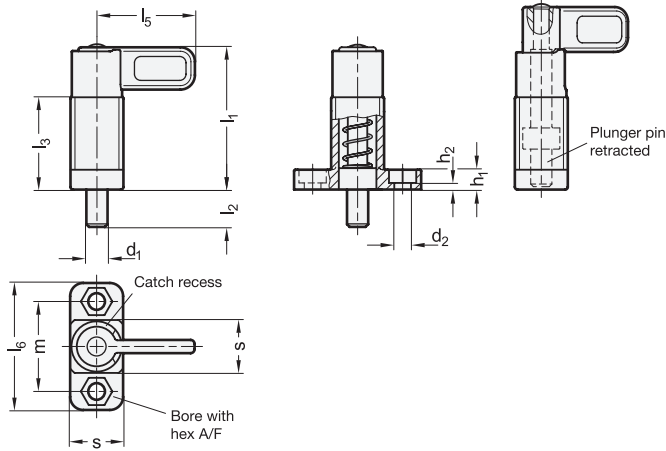


* Complete with
SW Black, RAL 9005 **ZB** Zinc plated

GN 722.5-C-ST

Description	d1 Pin -0.05/-0.25 Bore +0.1/+0.3	s	d2 +0.3	d3	d4	h1	h2	l1 ≈	l2	l3	l4 ≈	l5	l6	m	A/F	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 722.5-8-20-C-*	8	20	6.1	34	6	7.5	1.5	68	14	35	51	41.5	48	34	10	14	35	170
GN 722.5-10-20-C-*	10	20	6.1	34	6	7.5	1.5	68	14	35	51	41.5	48	34	10	14	35	172
GN 722.5-12-20-C-*	12	20	6.1	34	6	7.5	1.5	68	14	35	51	41.5	48	34	10	14	35	174
GN 722.5-14-20-C-*	14	20	6.1	34	6	7.5	1.5	68	14	35	51	41.5	48	34	10	14	35	181
GN 722.5-16-30-C-*	16	30	10.1	48	9	15	5	102	20	54	78	60	80	55	17	22	70	664
GN 722.5-20-30-C-*	20	30	10.1	48	9	15	5	102	20	54	78	60	80	55	17	22	70	670

Weight SW



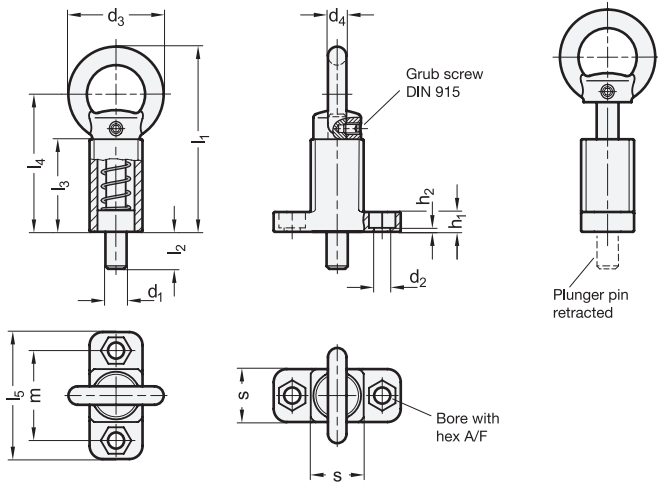
* Complete with

SW **ZB**
 Black, RAL 9005 Zinc plated

GN 722.5-E-ST

Description	d1 Pin -0.05/-0.25 Bore +0.1/+0.3	s	d2 +0.3	h1	h2	l1 ≈	l2	l3	l5	l6	m	A/F	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 722.5-8-20-E-*	8	20	6.1	7.5	1.5	54	14	35	37	48	34	10	14	35	167
GN 722.5-10-20-E-*	10	20	6.1	7.5	1.5	54	14	35	37	48	34	10	14	35	170
GN 722.5-12-20-E-*	12	20	6.1	7.5	1.5	54	14	35	37	48	34	10	14	35	174
GN 722.5-14-20-E-*	14	20	6.1	7.5	1.5	54	14	35	37	48	34	10	14	35	178
GN 722.5-16-30-E-*	16	30	10.1	15	5	83	20	54	55	80	55	17	22	70	653
GN 722.5-20-30-E-*	20	30	10.1	15	5	83	20	54	55	80	55	17	22	70	671

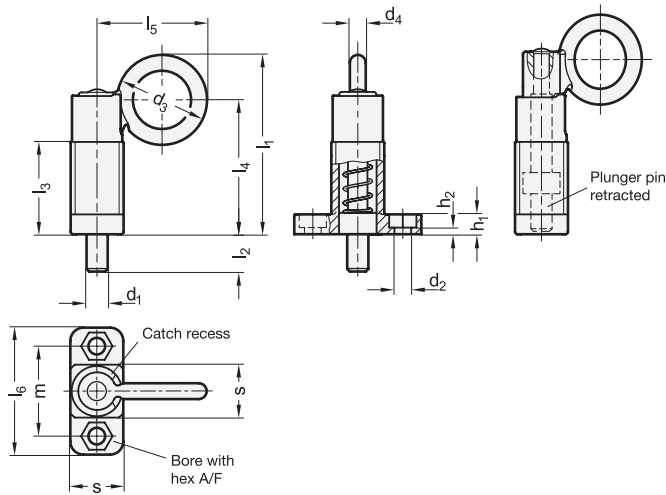
Weight SW



GN 722.5-A-A4

STAINLESS STEEL

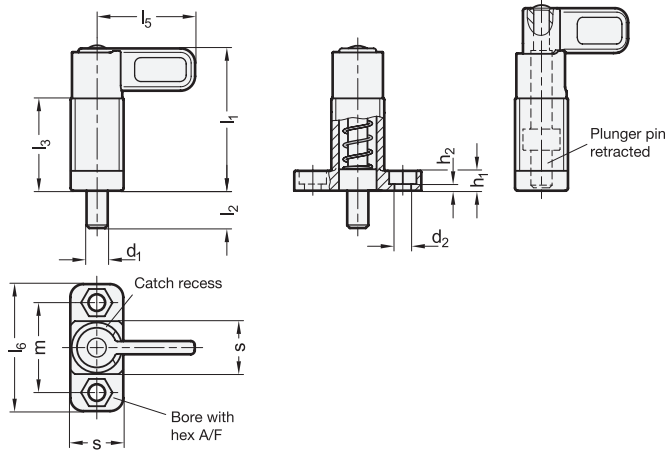
Description	d1 Pin -0.05/-0.25 Bore +0.1/+0.3	s	d2 +0.3	d3	d4	h1	h2	l1 ≈	l2	l3	l4	l5	m	A/F	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 722.5-8-20-A-A4	8	20	6.1	36	7	7.5	1.5	70	14	35	52	48	34	10	14	35	155
GN 722.5-10-20-A-A4	10	20	6.1	36	7	7.5	1.5	70	14	35	52	48	34	10	14	35	162
GN 722.5-12-20-A-A4	12	20	6.1	36	7	7.5	1.5	70	14	35	52	48	34	10	14	35	163
GN 722.5-14-20-A-A4	14	20	6.1	36	7	7.5	1.5	70	14	35	52	48	34	10	14	35	167
GN 722.5-16-30-A-A4	16	30	10.1	50	10	15	5	103	20	54	78	80	55	17	22	70	703
GN 722.5-20-30-A-A4	20	30	10.1	50	10	15	5	103	20	54	78	80	55	17	22	70	721



GN 722.5-C-A4

STAINLESS STEEL

Description	d1 Pin -0.05/-0.25 Bore +0.1/+0.3	s	d2 +0.3	d3	d4	h1	h2	l1 ≈	l2	l3	l4 ≈	l5	l6	m	A/F	Spring load	Spring load	⚖
																in N ≈ initial	in N ≈ end	
GN 722.5-8-20-C-A4	8	20	6.1	34	6	7.5	1.5	68	14	35	51	41.5	48	34	10	14	35	170
GN 722.5-10-20-C-A4	10	20	6.1	34	6	7.5	1.5	68	14	35	51	41.5	48	34	10	14	35	172
GN 722.5-12-20-C-A4	12	20	6.1	34	6	7.5	1.5	68	14	35	51	41.5	48	34	10	14	35	174
GN 722.5-14-20-C-A4	14	20	6.1	34	6	7.5	1.5	68	14	35	51	41.5	48	34	10	14	35	181
GN 722.5-16-30-C-A4	16	30	10.1	48	9	15	5	102	20	54	78	60	80	55	17	22	70	660
GN 722.5-20-30-C-A4	20	30	10.1	48	9	15	5	102	20	54	78	60	80	55	17	22	70	664



GN 722.5-E-A4

STAINLESS STEEL

Description	d1 Pin -0.05/-0.25 Bore +0.1/+0.3	s	d2 +0.3	h1	h2	l1 ≈	l2	l3	l5	l6	m	A/F	Spring load	Spring load	⚖
													in N ≈ initial	in N ≈ end	
GN 722.5-8-20-E-A4	8	20	6.1	7.5	1.5	54	14	35	37	48	34	10	14	35	167
GN 722.5-10-20-E-A4	10	20	6.1	7.5	1.5	54	14	35	37	48	34	10	14	35	171
GN 722.5-12-20-E-A4	12	20	6.1	7.5	1.5	54	14	35	37	48	34	10	14	35	174
GN 722.5-14-20-E-A4	14	20	6.1	7.5	1.5	54	14	35	37	48	34	10	14	35	179
GN 722.5-16-30-E-A4	16	30	10.1	15	5	83	20	54	55	80	55	17	22	70	654
GN 722.5-20-30-E-A4	20	30	10.1	15	5	83	20	54	55	80	55	17	22	70	673