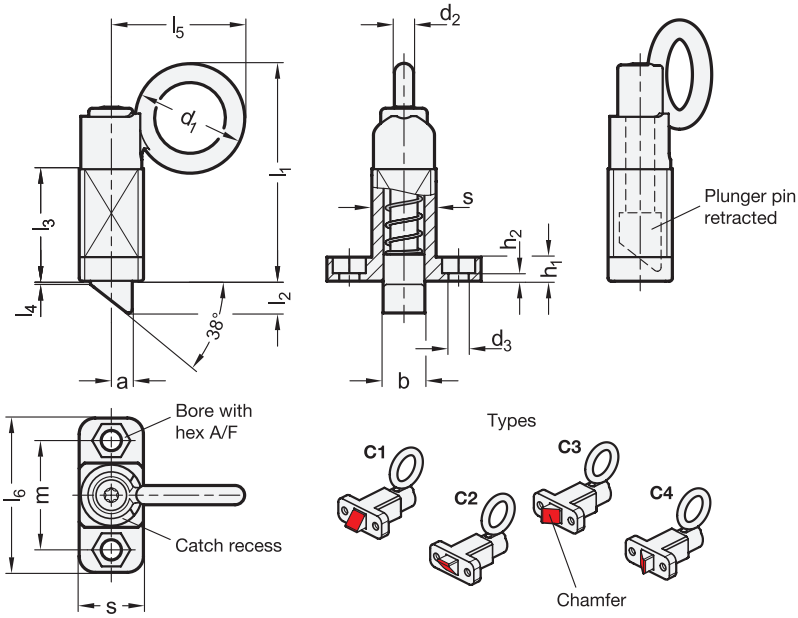
Indexing Plungers

Steel / Stainless Steel, with Chamfered Pin, with Flange for Surface Mounting



STAINLESS

3 Type

C1 Chamfer, top
C2 Chamfer, bottom
C3 Chamfer, right
C4 Chamfer, left

1 b Pin h11 Guide +0,1 +0,5	2 s	a	d_1	d_2	d_3 +0,2	h_1	h_2	l_1 ≈	l_2	l_3	l_4	l_5	l_6	m	A/F	Spring load in N ≈ Initial	End
13	20	6,5	34	6	6,1	7,5	1,5	68	10	35	1	41,5	48	34	10	14	35
20	30	10	48	9	10,1	15	5	102	15	54	1,5	60	80	55	17	22	70

Specification

4

Guide
- Steel precision casting
  - Zinc plated, blue passivated **ZB**
  - Zinc plated and powder coated Black, RAL 9005, textured finish **SW**
- Stainless steel precision casting AISI CF-8 **NI**

Plunger pin
- Steel, hardened
  Zinc plated, blue passivated for ZB / SW
- Stainless steel AISI 431, hardened for NI

Pull ring
- Steel precision casting
  Zinc plated, blue passivated for ZB / SW
- Stainless steel precision casting AISI CF-8 for NI

Pressure spring
Stainless steel AISI 316Ti

RoHS

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Indexing plungers GN 724.5 have a plunger pin with square cross-section, a latching surface on one side and a chamfer on the other. When the object to be secured moves towards the chamfer, the plunger pin is pushed back into the guide, allowing grooves and edges to pass over the pin. The plunger pin engages automatically in the direction of the latching surface. The latching can be released by pulling the pull ring by hand or with a cable or pull rod using a hook.

The types with rest position are used when the plunger pin should temporarily not protrude. For this purpose, the pull ring is turned sideways after the plunger pin has been retracted. The ring is held in this position by the catch recess 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 hex mounting holes allow the use of socket cap screws ISO 4762 and hex head screws or nuts according to DIN 931 or DIN 934.

How to order

1 2 3 4
GN 724.5-20-30-C2-NI

1	b
2	s
3	Type
4	Material (Finish)