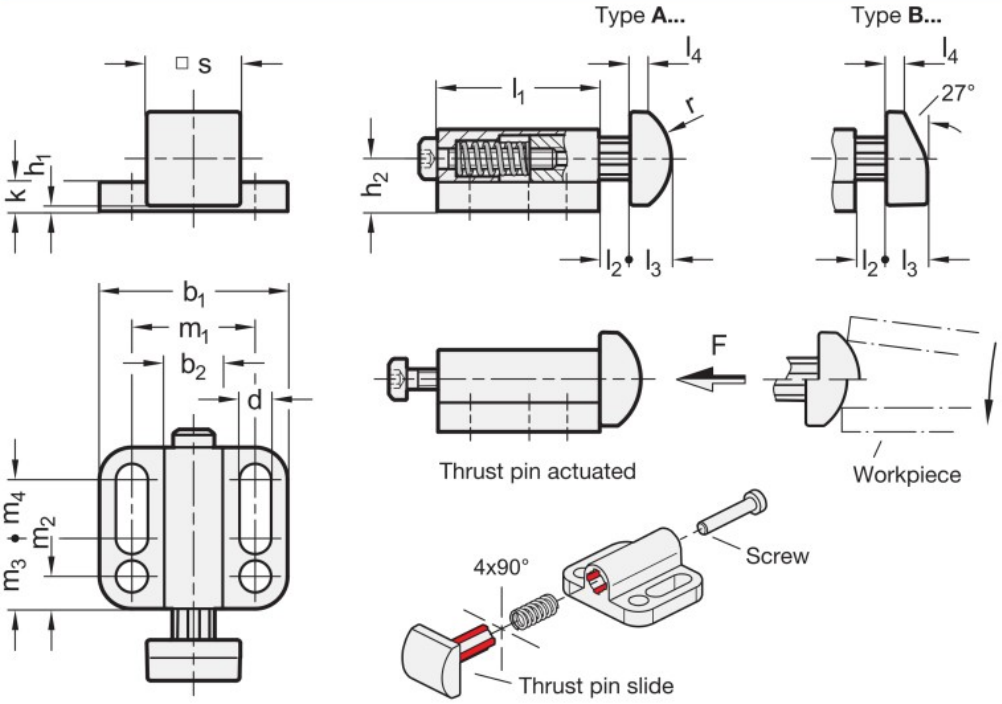
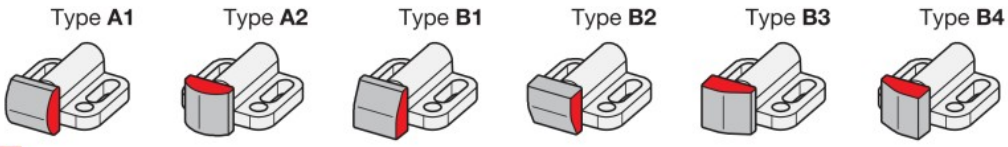


3 Type

A1 Cylinder, horizontal
A2 Cylinder, vertical
B1 Wedge, top
B2 Wedge, down
B3 Wedge, right
B4 Wedge, left

5 Identification no.

1 Standard spring load
2 High spring load



2

b_1	b_2	d	h_1 +0,5	h_2	k	l_1	l_2 ≈	l_3	l_4 ≈	m_1	m_2	m_3	m_4	r	s	Spring load **F** in N ≈ standard (Id. no. 1) Initial	standard (Id. no. 1) End	high (Id. no. 2) Initial	high (Id. no. 2) End
22	7	3,3	1	6	4	16,5	2,8	4,8	2,4	14	4	8	4,5	6,25	10	8	11	11	20
32	10	5,4	1	9	5	27,5	5	7	3,1	21	5,5	12	10	10	16	8	19	19	45
39	14,5	6,5	1	12	6	35	8,2	10	4,7	27	6,5	15	13,5	13,75	22	17	33	27	75

Specification

1 4

- Housing
  Zinc die casting **ZD**
  Powder coated
  Black, RAL 9005, textured finish
- Thrust pin
  - Plastic, smooth **KG**
    Plastic POM, black
  - Stainless steel, smooth **NG**
    Metal injection molded AISI 630
  - Stainless steel, ribbed **NR**
    Metal injection molded AISI 630
- Pressure spring
  Stainless steel AISI 301
- Screw
  - Steel, zinc nickel coated
    (Version KG)
  - Stainless steel
    (Version NG / NR)
- *Plastic Characteristics → Page 2158*
- *Stainless Steel Characteristics → Page 2166*
- RoHS

Information

Side thrust pins GN 415 have a compact design and offer maximum flexibility for tensioning and holding parts. A variety of thrust pin designs as well as two different spring forces are available.

Depending on the installation situation, the side thrust pins offer a pull-down effect operating within height h_2. They are fastened by means of holes or slots.

The side thrust pins are installed fully assembled. If necessary, the installation position of the thrust pin slide can be rotated by 4x90° according to the sketch. When installing version KG, the shaped thread in the plastic slider should be reused and the tightening torque limited.

see also...

- *Side Thrust Pins GN 713 / GN 715 → Page 1004 / 1002*

How to order

1 2 3 4 5
GN 415-ZD-32-A1-NG-1

1	Material
2	b_1
3	Type
4	Version
5	Identification no.