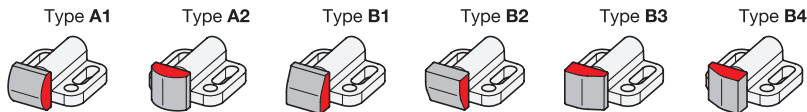


- 3 Type**
- A1** Cylinder, horizontal
  - A2** Cylinder, vertical
  - B1** Wedge, top
  - B2** Wedge, down
  - B3** Wedge, right
  - B4** Wedge, left

- 5 Identification no.**
- 1** Standard spring load
  - 2** High spring load



b <sub>1</sub>	b <sub>2</sub>	d	h <sub>1</sub> +0,5	h <sub>2</sub>	k	l <sub>1</sub>	l <sub>2</sub> ≈	l <sub>3</sub>	l <sub>4</sub> ≈	m <sub>1</sub>	m <sub>2</sub>	m <sub>3</sub>	m <sub>4</sub>	r	s	Spring load F in N ≈			
																standard (ld. no. 1)		high (ld. no. 2)	
																Initial	End	Initial	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**

- Housing **ZD**  
Zinc die casting  
Powder coated  
Black, RAL 9005, textured finish
- Thrust pin **KG**  
- Plastic, smooth  
Plastic POM, black  
**NG**  
- Stainless steel, smooth  
Metal injection molded AISI 630  
**NR**  
- Stainless steel, ribbed  
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<sub>2</sub>. 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

<b>GN 415-ZD-32-A1-NG-1</b>	1	Material
	2	b <sub>1</sub>
	3	Type
	4	Version
	5	Identification no.