



- 2 Type**
- I** Female thread
  - K** Pointed nose
  - H** Semi-spherical, Steel
  - P** Prism (120°)
- 3 Identification**
- 1** standard spring load
  - 2** high spring load

**1**

d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	e	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	r	s <sub>1</sub>	s <sub>2</sub>	s <sub>3</sub>	t min.	Spring load in N ≈			
														standard	high	standard	high
														Identification 1	Identification 2	Identification 1	Identification 2
														initial	end	initial	end
M 12 x 1,5	9	M 4	7,6	6,5	28	19	3	6	4,5	6	8	4	8	16	35	18	56
M 16 x 1,5	12	M 5	8,8	7,8	38	27	3	8	6	7	10	6	10	25	71	45	125
M 20 x 1,5	14,5	M 6	11,4	10	47	33	4	10	7,2	9	12	8	12	40	130	65	200

**Specification**

- Steel
  - Threaded sleeve  
zinc plated, blue passivated
  - Spring bolt  
case hardened, blackened
- Identification
  - standard spring load:  
Crescent shaped ring  
phosphated (anthracite)
  - high spring load:  
Crescent shaped ring  
zinc plated, blue passivated
- RoHS compliant

**Information**

Spring elements GN 513 are universal pressure elements used as detents, positioners or for clamping with spring pressure. The spring loaded nose can be used for a push-on or push-off operation. In addition the spring loaded nose cannot rotate.

At the pulling end the female thread will accept a pulling rod or an operating knob.

Type I with a female thread at the pushing end can be fitted with a special plunger nose.

The spring element can be screwed into a thread at the hexagon on the pulling end or the spanner flats at the pushing end of the plunger.

**How to order**

**GN513-M12x1,5-H-2**

- 1** d<sub>1</sub>
- 2** Type
- 3** Identification