



- 2 Type**
- I** Female thread
 - K** Pointed nose
 - H** Semi-spherical, steel
 - P** Prism (120°)
- 3 Identification no.**
- 1** Standard spring load
 - 2** High spring load

d ₁	d ₂	d ₃	d ₄	e	l ₁	l ₂	l ₃	l ₄	r	s ₁	s ₂	s ₃	t min.	Spring load in N ≈			
														Standard Identification no. 1		High Identification no. 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
- Pressure spring coding
 - Standard spring load (Identification no. 1):
Crescent shaped ring
Phosphated (anthracite)
 - High spring load (Identification no. 2):
Crescent shaped ring
Zinc plated, blue passivated
- RoHS

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.

The version with a female thread at the pushing end (Type I) 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	1 d ₁
	2 Type
	3 Identification no.

GN 513-M12x1,5-H-2