



2 Type

- S Steel bolt, standard spring load
- SS Steel bolt, high spring load
- K Plastic bolt, standard spring load



d ₁	Type S Type SS	Type K	d ₂	Length l +0,2	A/F Internal hexagon	w ^{+0,3 -0,1} Com- pression	Spring load in N ≈ standard (Type S / K)		Spring load in N ≈ high (Type SS)		Code no. for screw driver
							initial	end	initial	end	
M 3	-	-	1	12	0,7	1	2	4	-	-	GN 616.5-M 3
M 4	M 4	-	1,5	15	1,3	1,5	4,5	16	-	-	GN 616.5-M 4
M 5	M 5	M 5	2,4	18	1,5	2,3	6	19	11	40	GN 616.5-M 5
M 6	M 6	M 6	2,7	20	2	2,5	6	19	15	43	GN 616.5-M 6
M 8	M 8	M 8	3,5	22	2,5	3	10	39	20	75	GN 616.5-M 8
M 10	M 10	M 10	4	22	3	3	10	39	20	75	GN 616.5-M 10
M 12	M 12	M 12	6	28	4	4	12	53	45	120	GN 616.5-M 12
M 16	M 16	M 16	7,5	32	5	5	45	100	64	160	GN 616.5-M 16
M 20	-	-	10	40	6	7	52	125	75	195	GN 616.5-M 20
M 24	-	-	12	52	8	10	70	170	75	245	GN 611.5-M 24

Specification

- Housing
Steel, blackened
- Type S / SS
Bolt
Steel, hardened
- Type K
Bolt
Plastic (Polyacetal POM)
temperature resistant up to 50 °C
- Spring
Stainless Steel AISI 631
- Marking of Type SS:
Housing with 2 longitudinal markings
- RoHS compliant

Accessory

- Screw drivers GN 611.5 / GN 616.5
(Code no. see table)

On request

- with thread locking PFB / MVK
→ Page 1495 ff.

Information

Spring plungers GN 616 are used as detents as well as for push-on and push-off applications and ejectors.

The slot on the plunger side is provided for blind hole applications. A special screw driver GN 611.5 / GN 616.5 is available (see table).

see also...

- Spring plungers GN 615.4 (with bolt, with internal hexagon) → Page 731
- Spring plungers GN 615.1 (with bolt, with internal slot) → Page 730

How to order

GN616-M8-K

1 d₁

2 Type