



3.1

3.2

3.3

3.4

3.5

<b>1</b> $d_1$ Pin $-0.05$ Bore $+0.1$ $+0.05$	<b>2</b> $l_2$	<b>3</b> $d_2$	$h_1$	$h_2$	$k$	$l_1 \approx$	$l_3$	$l_4$	$l_5$	$s$	Spring load in N $\approx$		
											Initial	End	
6	10	16	16	16	10,5	20	46	10	30	32	12	12	32
8	10	16	16	16	10,5	20	46	10	30	32	12	12	32
8	12	18	20	20	14,5	22	57	12	37	37	15	21	58
10	10	16	16	16	10,5	20	46	10	30	32	12	12	32
10	12	18	20	20	14,5	22	57	12	37	37	15	21	58
12	12	18	20	20	14,5	22	57	12	37	37	15	21	58

3.6

3.7

**Specification**

- Guide  
Zinc die casting  
Powder coated  
Black, RAL 9005, textured finish ● **SW**
- Plunger pin  
Steel  
Zinc plated, blue passivated
- Lever  
Plastic (Polyamide PA)  
- Black, matte finish  
- Not removable
- [Load Rating Information](#) → Page 2132
- [Plastic Characteristics](#) → Page 2158
- **RoHS**

**Information**

Cam action indexing plungers GN 612.9 are used in cases where the plunger must not protrude all the time. By rotating the lever through 180° the plunger withdraws itself. The groove allows safe positioning.

see also...

- [Product Family Standard Parts for Profile Systems](#) → Page 18
- [List of Cam Action Indexing Plunger Types](#) → Page 958 ff.
- [Positioning Bushings GN 412.2 / GN 412.4](#) → Page 954
- [Spring Latches GN 722.3](#) → Page 970
- [Assembly Sets for Profile Systems 30 / 40 GN 965](#) → Page 2086
- [Assembly Sets for Profile Systems 30 / 40 / 45 GN 968](#) → Page 2096

3.8

3.9

How to order	<b>1</b> $d_1$
	<b>2</b> $l_2$
	<b>3</b> $d_2$
	<b>4</b> Finish

**GN612.9-8-10-16-SW**