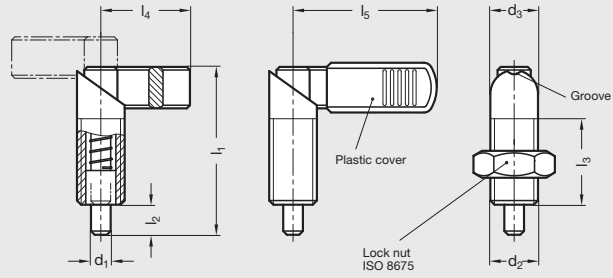


# GN 612-NI | Stainless Steel Cam Action Indexing Plungers

Metric Size • Lock-Out Type



ISO 9001 Supplier

RoHS Compliant

## Threaded body

Stainless steel, European Standard No. 1.4305 (American Standard Series 303)

## Plunger pin

Stainless steel, chemically nickel plated

## Plastic sleeve

Matte black glass fiber reinforced nylon plastic, not removable

## Lock nut

Stainless steel, DIN 439 / ISO 8675

The cam action indexing plungers are best utilized when the pin needs to be retracted.

A groove exists so the plunger can be held in both positions. The plastic ribbed sleeve offers an aesthetically pleasing and comfortable finger grip.

Maximum heat resistance of nylon plastic sleeve: 110°C (230°F).

Stainless steel indexing plungers, lock-out type, see GN 617-NI, page 523.

Stainless steel indexing plungers, non lock-out type, see GN 617.1-NI, page 530.

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Indexing, Spring and Ball Plungers

## Without Plastic Sleeve

Dimensions in: millimeters (inches)

Part Number		d <sub>1</sub> -0.02 -0.04	d <sub>2</sub> Thread	d <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub> +1.5mm	l <sub>4</sub>	Spring Load N	
Without Lock Nut	With Lock Nut								Initial	End
120FSHD/A	120FSHD/AK	5 (.20)	M12 x 1.5	12 (.47)	47 (1.85)	8 (.31)	26 (1.02)	26 (1.02)	8	18
120FSH9/A	120FSH9/AK	6 (.24)	M12 x 1.5	12 (.47)	47 (1.85)	8 (.31)	26 (1.02)	26 (1.02)	8	18
160FSH9/A	160FSH9/AK	6 (.24)	M16 x 1.5	16 (.63)	56 (2.20)	10 (.39)	30 (1.18)	32 (1.26)	12	32
120FSH3/A	120FSH3/AK	8 (.31)	M12 x 1.5	12 (.47)	47 (1.85)	8 (.31)	26 (1.02)	26 (1.02)	8	18
160FSH3/A	160FSH3/AK	8 (.31)	M16 x 1.5	16 (.63)	56 (2.20)	10 (.39)	30 (1.18)	32 (1.26)	12	32
200XSH3/A	200XSH3/AK	8 (.31)	M20 x 1.5	20 (.79)	69 (2.72)	12 (.47)	36 (1.42)	37 (1.46)	21	57
160FSH4/A	160FSH4/AK	10 (.39)	M16 x 1.5	16 (.63)	56 (2.20)	10 (.39)	30 (1.18)	32 (1.26)	12	32
200XSH4/A	200XSH4/AK	10 (.39)	M20 x 1.5	20 (.79)	69 (2.72)	12 (.47)	36 (1.42)	37 (1.46)	21	57
200XSH5/A	200XSH5/AK	12 (.47)	M20 x 1.5	20 (.79)	69 (2.72)	12 (.47)	36 (1.42)	37 (1.46)	21	57



**With Plastic Sleeve**

Dimensions in: millimeters (*inches*)

Part Number		d <sub>1</sub> -0.02 -0.04	d <sub>2</sub> Thread	d <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub> +1.5mm	l <sub>4</sub>	l <sub>5</sub>	Spring Load N <sup>-</sup>	
Without Lock Nut	With Lock Nut									Initial	End
120FSGA/A	120FSGA/AK	5 (.20)	M12 x 1.5	12 (.47)	47 (1.85)	8 (.31)	26 (1.02)	26 (1.02)	32 (1.26)	8	18
120FSG9/A	120FSG9/AK	6 (.24)	M12 x 1.5	12 (.47)	47 (1.85)	8 (.31)	26 (1.02)	26 (1.02)	32 (1.26)	8	18
160FSG9/A	160FSG9/AK	6 (.24)	M16 x 1.5	16 (.63)	56 (2.20)	10 (.39)	30 (1.18)	32 (1.26)	42 (1.65)	12	32
120FSH0/A	120FSH0/AK	8 (.31)	M12 x 1.5	12 (.47)	47 (1.85)	8 (.31)	26 (1.02)	26 (1.02)	32 (1.26)	8	18
160FSH0/A	160FSH0/AK	8 (.31)	M16 x 1.5	16 (.63)	56 (2.20)	10 (.39)	30 (1.18)	32 (1.26)	42 (1.65)	12	32
200XSH0/A	200XSH0/AK	8 (.31)	M20 x 1.5	20 (.79)	69 (2.72)	12 (.47)	36 (1.42)	37 (1.46)	52 (2.05)	21	57
160FSH1/A	160FSH1/AK	10 (.39)	M16 x 1.5	16 (.63)	56 (2.20)	10 (.39)	30 (1.18)	32 (1.26)	42 (1.65)	12	32
200XSH1/A	200XSH1/AK	10 (.39)	M20 x 1.5	20 (.79)	69 (2.72)	12 (.47)	36 (1.42)	37 (1.46)	52 (2.05)	21	57
200XSH2/A	200XSH2/AK	12 (.47)	M20 x 1.5	20 (.79)	69 (2.72)	12 (.47)	36 (1.42)	37 (1.46)	52 (2.05)	21	57