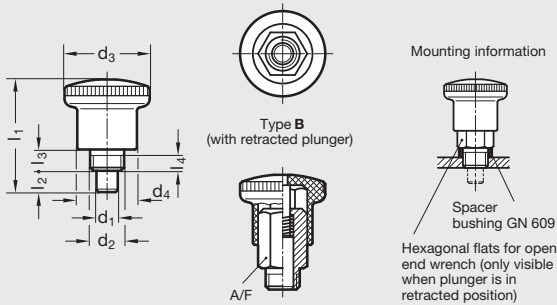


GN 822.1 | Steel Mini Indexing Plungers

Metric Size • Lock-out Type



ISO 9001 Supplier    RoHS Compliant

**Body**  
Steel, zinc-plated, blue passivated finish

**Plunger**  
Stainless steel, European standard No. 1.4305  
(American standard series 303)

**Spring**  
Stainless steel, European standard No. 1.4305  
(American standard series 303)

**Knob**  
Matte black glass fiber reinforced nylon plastic,  
not removable

GN 822.1 indexing plungers feature small, compact dimensions. They are designed for installation in thin walled sheet metal applications. These plungers offer a lockout position for applications that require the plunger pin to be retracted for an extended period of time. Plungers are inserted into position by holding them by the knurled knob. The wrench flats on the lock nut are exposed when the pin is retracted, so that the plunger can be easily tightened by means of an open end wrench. GN 609 spacer bushings may be ordered separately upon request.  
d1 pin tolerance = -.02 to .04 mm  
d1 mating bore size tolerance = +.05 to .1 mm

Metric Table

Dimensions in: millimeters (inches)

Part Number	d <sub>1</sub> Pin Dia.	d <sub>2</sub> Thread	d <sub>3</sub>	d <sub>4</sub>	l <sub>1</sub>	l <sub>2</sub> min.	l <sub>3</sub>	l <sub>4</sub> min.	A/F (h <sub>11</sub> tol.)	Spring Load N~	
										Start	End
8XRM5	4 (.16)	M8 x .75	21 (.83)	15 (.59)	26.5 (1.04)	5 (.20)	5 (.20)	3.5 (.14)	10 (.39)	4.5	12
8XRM6	5 (.20)	M8 x .75	21 (.83)	15 (.59)	26.5 (1.04)	5 (.20)	5 (.20)	3.5 (.14)	10 (.39)	4.5	12
100XRM7	6 (.24)	M10 x 1	25 (.98)	18 (.71)	34 (1.34)	7 (.28)	7 (.28)	4.5 (.18)	12 (.47)	5	18
100XRM8	7 (.28)	M10 x 1	25 (.98)	18 (.71)	34 (1.34)	7 (.28)	7 (.28)	4.5 (.18)	12 (.47)	5	18

10 Indexing, Spring and Ball Plungers