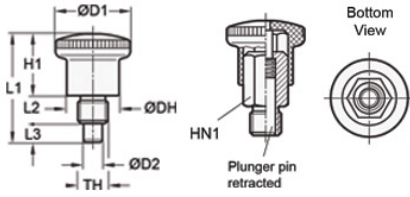# M-IPN-4-M8X1-F

Ruland Mini Indexing Plunger With Knob, Thread M8x1.0, Pin Diameter 4mm, Knob Diameter 21mm, L 27.5mm, Steel

Description

Ruland M-IPN-4-M8X1-F is a mini steel indexing plunger with a plastic knob. It has a 4mm pin diameter, 5mm pin length, M8x1.0 thread, 6mm tapped thread length, 21mm knob diameter, 16.5mm knob height, and 27.5mm overall length. The small size compared to standard indexing plungers allows M-IPN-4-M8X1-F to be used in compact installations with space restrictions. This indexing plunger is commonly used for height adjustments, rotational or swivel limits, and as a quick way to detach a movable component from a stationary one. It is found in light duty applications where frequent repositioning is required. To operate, the user simply retracts the knob pulling the pin into the body of the plunger allowing a previously fixed component to be moved. Once the component is in the desired position, the user reinserts the pin into a mating hole in the stationary component. M-IPN-4-M8X1-F is manufactured by Otto Ganter, stocked by Ruland, and RoHS3 compliant.

Product Specifications

Overall Length L1	27.5 mm	**Body Length L2**	6 mm
Knob Height H1	16.5 mm	**Knob Diameter D1**	21 mm
Pin Diameter D2	4 mm	**Pin Length L3**	5 mm
Hub Diameter DH	15 mm	**Thread (TH)**	M8X1.0
Hex Nut Size	10 mm	**Plunger Pin Tolerance**	+0.03/+0.08 mm
Initial Spring Load	4 N	**End Spring Load**	12 N
Hole Tolerance	+0.030/-0 mm	**Weight (lbs)**	0.030900
Temperature	-40°F to 230°F (-40°C to 110°C)	**Manufacturer**	JW Winco/ Otto Ganter
UPC	634529229828	**Country of Origin**	Germany
Tariff Code	7318.29.0000	**UNSPC**	31162809
Note 1	Performance ratings are for guidance only. The user must determine suitability for a particular application.		
Prop 65	⚠ **WARNING** This product can expose you to chemicals including Soots, Lead, and Nickel (metallic), known to the State of California to cause cancer, and Lead known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.		

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