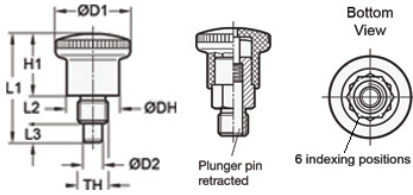




## M-IPL-4-M8X1-F

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




### Description

Ruland M-IPL-4-M8X1-F is a mini steel indexing plunger with a plastic knob and lock-out. 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-IPL-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. The lockout feature of M-IPL-4-M8X1-F allows the user to turn the knob 90 degrees once the pin has been retracted to lock the pin in-place until the component is in the desired location. While locked out, a notch in the plunger holds the knob in place preventing it from slipping into the unlocked position due to system vibration or a user accidentally bumping the knob. Once the desired location is reached, the user turns the knob 90 degrees to reactivate the locking mechanism to fix the component in-place. M-IPL-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)	0.029800
Temperature	-40°F to 230°F (-40°C to 110°C)	Manufacturer	JW Winco/ Otto Ganter
UPC	634529229835	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](http://www.P65Warnings.ca.gov).