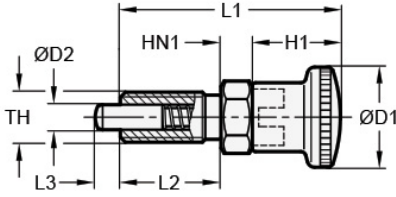




## IPLN-5-5-M10X1-F

Ruland Indexing Plunger, Lock-Out, Thread M10x1.0, Pin Diameter 5mm, Knob Diameter 19mm, L 40mm, Steel



### Description

Ruland IPLN-5-5-M10X1-F is a steel indexing plunger with lock-out. It has a 5mm pin diameter, 5mm pin length, M10x1.0 thread, 18mm tapped thread length, 19mm knob diameter, and 40mm overall length. 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. The threaded body allows it to be installed directly onto a machine or component. 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 The lockout feature of IPLN-5-5-M10X1-F allows the user to turn the knob 90 degrees once the pin has been retracted to lock the pin in-place until the component is in the desired location.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. The knob of IPLN-5-5-M10X1-F partially encloses the top of the plunger body, allowing less debris to enter the mechanism, which is critical when used in environments that commonly have metal chips and other contaminants. It is manufactured by Otto Ganter, stocked by Ruland, and RoHS3 compliant.

### Product Specifications

Overall Length L1	40 mm	Body Length L2	18 mm
Thread (TH)	M10X1.0	Knob Height H1	16 mm
Knob Diameter D1	19 mm	Pin Diameter D2	5 mm
Pin Length L3	5 mm	Nut Height HN1	6 mm
Hex Nut Size	12 mm	Initial Spring Load	5 N
End Spring Load	15 N	Plunger Pin Tolerance	-0.02/-0.05 mm
Hole Tolerance	+0.012/-0 mm	Weight (lbs)	0.046300
Temperature	-40°F to 230°F (-40°C to 110°C)	Manufacturer	JW Winco/ Otto Ganter
UPC	634529229569	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 and Nickel (metallic), known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).