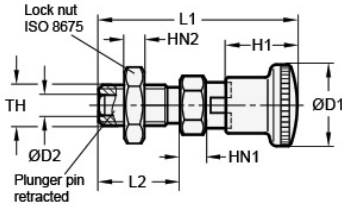




IPLW-6-6-M12X1.5-F

Ruland Indexing Plunger, Lock-Out, With Locknut, Thread M12x1.5, Pin Diameter 6mm, Knob Diameter 23mm, L 48mm, Steel



Description

Ruland IPLW-6-6-M12X1.5-F is a steel indexing plunger with lock-out and a locknut. It has a 6mm pin diameter, 6mm pin length, M12x1.5 thread, 22mm tapped thread length, 23mm knob diameter, and 48mm 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 The lockout feature of IPLW-6-6-M12X1.5-F allows the user to turn the knob 90 degrees once the pin has been retracted to lock the pin in-place until the component is in the desired location.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 locknut allows the user to provide an axial stop ensuring precise positioning of the indexing plunger at all times. The knob of IPLW-6-6-M12X1.5-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	48 mm	Body Length L2	22 mm
Thread (TH)	M12X1.5	Knob Height H1	20 mm
Knob Diameter D1	23 mm	Pin Diameter D2	6 mm
Pin Length L3	6 mm	Nut Height HN1	6 mm
Nut 2 Height HN2	6 mm	Hex Nut Size	14 mm
Initial Spring Load	6.5 N	End Spring Load	19 N
Plunger Pin Tolerance	-0.02/-0.05 mm	Hole Tolerance	+0.012/-0 mm
Weight (lbs)	0.111900	Temperature	-40°F to 230°F (-40°C to 110°C)
Manufacturer	JW Winco/ Otto Ganter	UPC	634529229651
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 .		