



PRECISION LOCATORS

Overview

The Invert-A-Bolt™ (IVB) Precision Locator* is used to precisely locate and hold simultaneously. This unique product combines the “upside-down” holding characteristics of patented IVB fasteners with the locating capabilities of precision locating (shoulder) screws. Easy to use, easy to install, these locators are manufactured to fit the situation where it is preferable to have holding and locating capabilities combined into one product. Unlike Jergens Ball Lock, used only for fixture to fixture applications, these locators can be used to hold/locate parts during machining as well. The IVB precision locator is used in part manufacturing (fixture to part) or in quick change applications (fixture to fixture), or in any application where simultaneous holding/locating is desired. To accommodate the “diamond pin” locator situation, the receiving bore can be modified by the tolerance desired.

* Protected by multiple patents & patents pending

Uses

Part manufacturing (fixture to part), quick change applications (fixture to fixture), or in any application where simultaneous holding/locating is desired.



General Specifications

Material:

Stainless steel housing and stud

Finish:

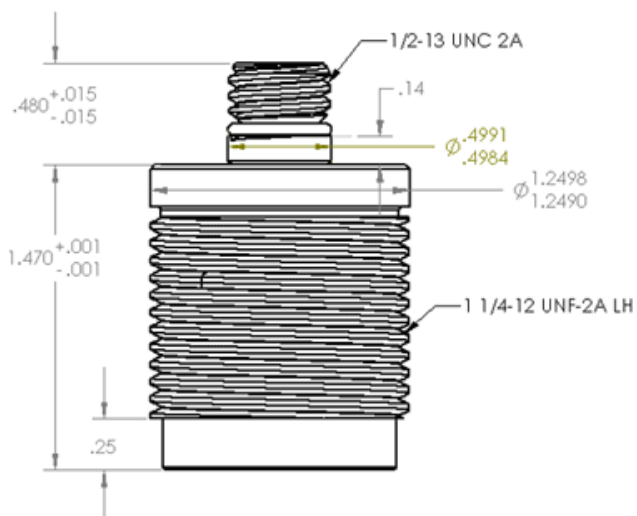
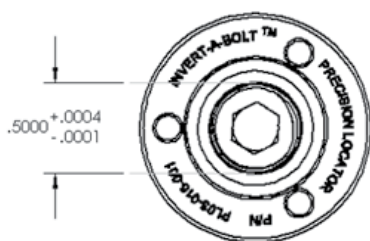
None required

Installation:

Use Insertion Tool as specified

Method of Stock Preparation:


Tap or thread mill



PRECISION LOCATOR

Part Number	
	PL03-015-001 Locator Size: .500 Stud Size: 1/2"-13 UNC-2A Engagement: .14" Thread Size: 1 1/4"-12 UN-2BLH Insertion Tool: AA03-002-002


REFURBISHMENT KIT

Part Number	
Consists of Stud with o-rings, Spring, Cover & Retaining Ring	
	PL03-015-001RFB Refurbishment kit to replace internal components of precision locator

REFURBISHMENT STUD

Part Number	
	PL03-015-013 Refurbishment Stud only.

REFURBISHMENT COVER

Part Number	
	AA03-150-008 Use with: AA03 type fasteners and precision locators.

APPLICATION:

Machine profile of part and clevis without clamps and clamp changes. Use of Invert-A-Bolt™ Precision Locators reduces setup time & cycle time where location and holding in one product is the ideal solution. (Picture shows “see through” part and fixture so that Precision Locators can be seen).

