



# Uptight?

## Huck® BobTail® Fasteners

High-strength, vibration-proof  
lockbolt type fasteners.

- ✓ Vibration-Proof
- ✓ Consistent Accuracy
- ✓ Removeable
- ✓ Silent Installation
- ✓ Operator Friendly

BobTail fasteners from Applifast are the most advanced fastening system in the Industry. Developed to meet the unique challenges of heavy assembly in truck, rail and agriculture industries, BobTail is built for high-performance and reliability. BobTail fasteners are engineered for ease of installation, superior strength, vibration resistance and deliver the answer to many uncertainties of using threaded fasteners.

BobTail, a lockbolt type fastener offers you 5 to 10 times the fatigue strength of conventional nuts and bolts. Many world-wide OEM's prefer BobTail fasteners for heavy-duty applications where ultimate vibration resistance is critical. Full metal-to-metal contact between the BobTail collar and lockbolt eliminates the gap that you find with ordinary nuts and bolts; the kind of gap that can lead to loosening under intense vibration conditions.

BobTail fasteners are unmatched in speed of installation, ergonomics, joint integrity and vibration resistance. A quick visual inspection of the patented "witness marks" ensures complete and correct installation.



**BOBTAIL FASTENERS FROM APPLIFAST ARE THE ANSWER TO ANY MANUFACTURING APPLICATION THAT REQUIRES HIGH-STRENGTH, VIBRATION-PROOF FASTENERS WHICH CAN BE INSTALLED QUICKLY, CHECKED VISUALLY, AND REMOVED FOR SERVICEABILITY.**

### FEATURES:

- Fast 2 second installation time requires only one operator maximizing productivity
- Quiet, smooth, shock-free installation reduces noise on the shop floor and eliminates pulsation to the operator, increasing overall safety
- Minimal operator training
- Consistent accuracy/clamp load
- True installed values
- Simple visual inspection confirms proper installation
- Lightweight installation tooling
- No initiation point for corrosion
- Removeability for field service

**Contact Applifast**

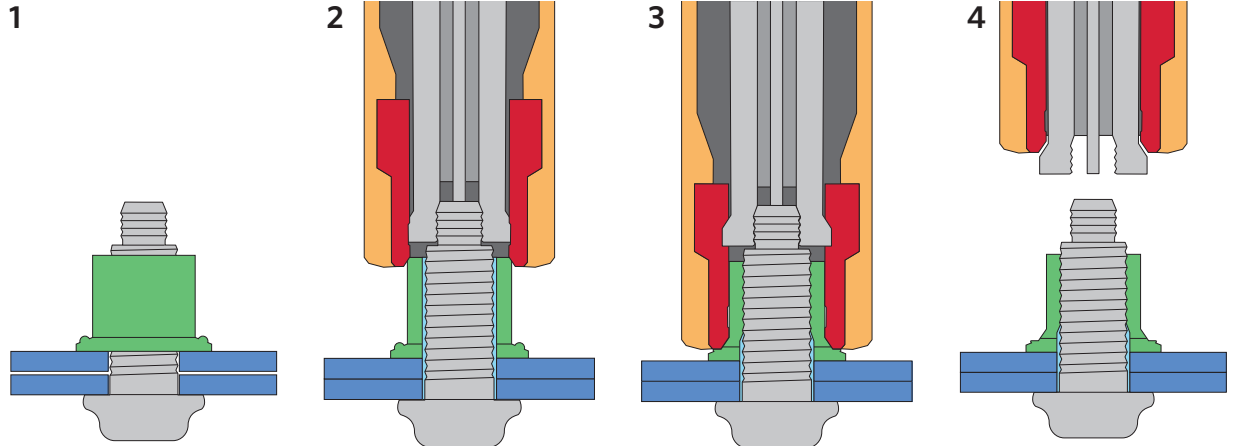
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### BobTail® Huckbolt® Installation

A typical HuckBolt installation engages the following sequence:



1 The pin is inserted into the prepared hole, and the collar is spun onto the pin.

2 The installation tool is applied to annular pull grooves. When the tool is activated, a puller in the nose assembly draws the pin into the tool, causing the swaging anvil to press on the collar, drawing up any sheet gap.

3 At a predetermined force, the anvil begins to swage the collar into the pin's lockgrooves. Continued swaging elongates the collar and pin, developing precise clamp.

4 When swaging of the collar into the pin lockgrooves is complete, the tool ejects the fastener and releases the puller to complete the sequence.

A BobTail HuckBolt can be installed in as little as two seconds\*. This quick cycle is due, in part, to the short time required to apply the tool to the pin and initiate the installation cycle. Once the operator engages the trigger, the swage and eject sequence is programmed to complete the cycle without any additional installer input.

\* Based on a typical installation of a 5/8" Grade 8 fastener

There are a number of reasons why many manufacturers of heavy equipment are actively investigating the possibility of using direct-tension lockbolts in their assembly process. To begin, even taking into consideration the need to drill a hole, installing a lockbolt is significantly faster than welding a joint. And a quick visual inspection is all that is required to confirm the accuracy and quality of the installation. In addition, an operator requires a minimal amount of training in order to be proficient in the installation of HuckBolts. One is no longer at the mercy of a limited pool of expensive skilled labour.

HuckBolts can be effectively used with virtually any metal, and dissimilar metals with dissimilar coefficients of thermal expansion present no problems. Varying piece sizes in a joint are readily accommodated, and surface finishes are not harmed. And most importantly, HuckBolts are proven to hold up over years of service in demanding high-stress, high-vibration environments.

Finally, employing lockbolts, such as the HuckBolt, in key joining applications eliminates all of the housekeeping and safety issues that are integral to the welding process. HuckBolts are installed using a quiet, jolt-free swaging action, eliminating the potential for repetitive stress syndrome issues. There are no sparks to start fires or cause explosions, nor any debris on the floor that can lead to slips and falls.

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