

Still welding?

Vibration-resistant, direct-tension **HuckBolts** from **Applifast** change the equation. The reasons to switch from welding to **HuckBolts** couldn't be stronger. Fastening with **HuckBolts** means consistent clamp, and a stronger joint. Ease and speed of installation. Quick, visual inspections. And no costly skilled labour. Safer. Faster. Simpler. More cost-effective.

HuckBolts from **Applifast** are offered in a wide range of sizes (up to 1-3/8") and materials, consisting of a pin and a collar. These advanced fasteners are installed using a direct-tension technique, in which the pin is pulled and the collar is simultaneously swaged into the locking grooves of the pin, deforming the collar into the grooves.

Based on their design and unique direct-tension installation, **HuckBolts** from **Applifast** ultimately deliver superior joining strength, shear and tensile strength for an unmatched vibration-resistant fastening solution.

SAFETY, SIMPLICITY, SPEED, COST-SAVINGS AND STRUCTURAL INTEGRITY ARE FIVE STRONG REASONS WHY HUCKBOLTS FROM APPLIFAST ARE SUPERIOR TO WELDING, PROVEN FOR OVER 30 YEARS OF VIBRATION-RESISTANT PERFORMANCE IN THE BRUTAL TRUCKING AND RAIL INDUSTRIES.

APPLIFAST^{INC.} TOOL AND FASTENER SYSTEMS

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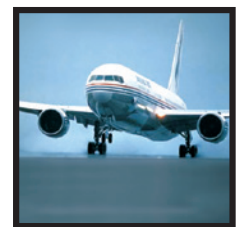
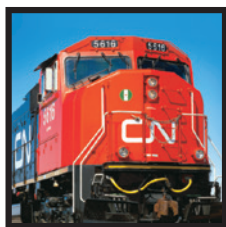


- ✓ Safer
- ✓ Faster
- ✓ Simpler
- ✓ Consistent
- ✓ Cost-Effective



FEATURES:

- Can be effectively used with virtually any metal and dissimilar metals
- Metals with dissimilar coefficients of thermal expansion will present no problems
- Eliminates housekeeping and safety issues integral to the welding process
- Easy to install systems can reduce production time by 75%
- Installed using a quiet, jolt-free swaging action, eliminating potential for repetitive stress syndrome issues
- Highly ergonomic process with minimal operator training
- Lightweight installation tooling



Applifast Huck vs Welding comparison chart

	Welding	HuckBolt® Fastening
Speed of operation	Varies; generally slow	Fast
Operator skill required	Varies; generally high	Low
Safety issues	Sparks can pose fire hazard	Highly ergonomic process; no safety issues
Cleanliness of work area	Spent welding rods and slag are housekeeping issues	Pintail debris from older style HuckBolts® can be an issue; new generation BobTail® HuckBolts require no pintail
Strength dependent on thickness	Can be a possibility	Thickness not a factor
Hole required	No	Yes
Cleanliness requirements	Materials must be cleaned before joining	No cleaning required
Inspection requirements	Time consuming and costly	Quick, visual inspection all that is required
Removability/rework	Extremely difficult and time consuming	Quick and easy with Bobtail® Fasteners
Surface finish requirements	Bare finish required	All finishes are okay
Ability to join dissimilar materials	Can be a problem	No problem
Ability to join materials of dissimilar thermal expansion	Can be a problem	No problem
Maintaining strength over time	Yes	Yes
Ability to accommodate flexing	Can be a problem	No problem

For more information, download the Applifast Welding vs Fastening whitepaper at <http://www.applifast.com/cd-content/uploads/files/Welding%20vs.%20Fastening.docx>

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