

# BAND-IT®

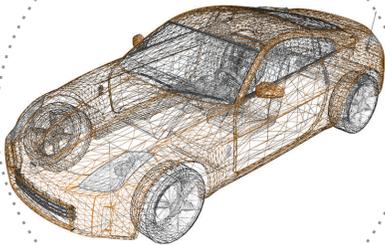
THE ULTIMATE BAND FASTENING SYSTEM

## BAND-IT'S AIRBAG ASSEMBLY

STAINLESS STEEL FASTENING FOR THE AUTOMOTIVE INDUSTRY

### BENEFITS

- Capable Manufacturing Process
- Extreme repeatability in every installation
- Verify tension and repeatability with data output
- Vastly reduces part numbers in inventory
- Greatly reduces tolerance stack-up concerns
- Eliminates repetitive motion injuries during installation
- Positive Mechanical Lock, metal engaging with metal
- "Retained Force" values of 2.5 times greater than traditional "pinch ear" clamps will result in Ejection Mitigation and Extended Up-Time Improvements
- Low profile Dual-Lokt clamp greatly aids in packaging airbag modules in vehicle architecture and allows more packagin room for Head Impact Criteria (HIC) counter

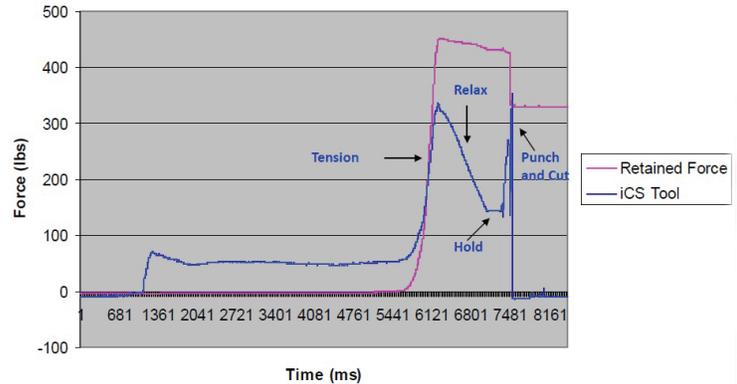


### PRODUCT APPLICATIONS

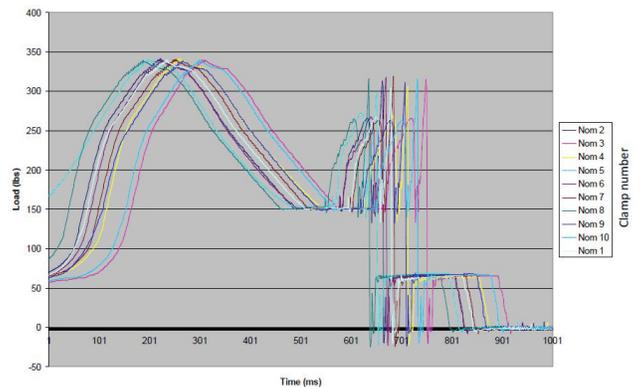
Airbag manufacturers have many choices when assembling airbags. The Intelligent Clamping System (iCS) combines the unique Dual-Lokt® buckle design with a pneumatically powered installation tool to offer a consistent and verifiable method to attach airbag inflators to mounting brackets and airbag cushions to inflators.

### INTELLIGENT CLAMPING SYSTEM DATA OUTPUT

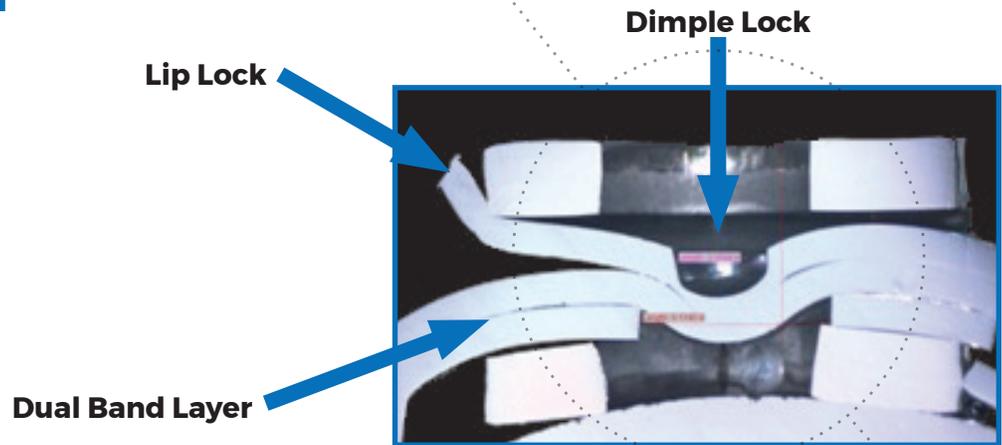
Use clamp installation profile for troubleshooting and Preventative Maintenance



Each clamp is installed the same



## DUAL-LOKT CLAMP



- Implements both a “Lip Lock” and “Dimple Lock” to create the Dual-Lokt locking mechanism
- Increased retained force and maximum clamping force compared to current attachment methods
- Indicator ring provides quick visual inspection of properly applied clamp
- Conforms to any size and shape
- Offers repeatable and verifiable tension
- Band material and unique buckle design offer more strength using same amount of material and with less foot print than traditional “pinch ear” clamps.
- Extreme clamp diameter reduction will reduce proliferation of part numbers

## ICS PNEUMATIC TOOL

Over 74 years of clamping application experience has culminated in the pneumatically powered iCS clamp installation tool.

The iCS tool includes programmable touch-screen, electronics enclosure, and installation head with stepper motor and gearbox.



- Bench mounted with linear slide (X-Y motion)
- Operates on 110V-230V AC and 80 psi shop air
- Tension wheels grip clamp tail prior to tension process
- Stepper motor
- Industrial control system
- Programmable touch-screen
  - Program maximum and hold tension
  - Program hold delay before cutoff
  - Store multiple clamp setups
- 2000 lbs tension load cell
- Data recording and export
- Portable design

FOR MORE DETAILED PRODUCT INFORMATION, PLEASE VISIT OUR  
WEBSITE OR CALL YOUR SALES ASSOCIATE TODAY