



BAND-IT®
THE CLAMPING EXPERTS



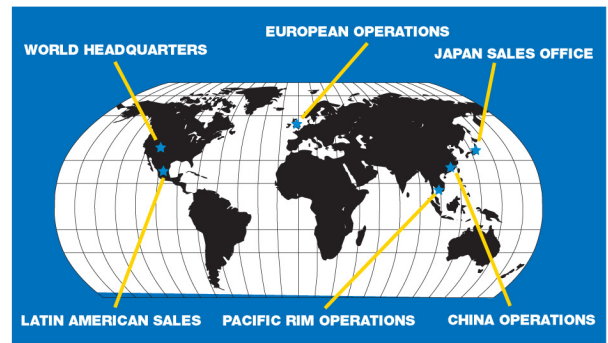
DENVER CO 7 2 MADE IN THE U.S.A. BAND-IT® DENVER CO 7 2

**Stainless Steel
Fastening Solutions
for the
Automotive Industry**

IDEX
IDEX CORPORATION

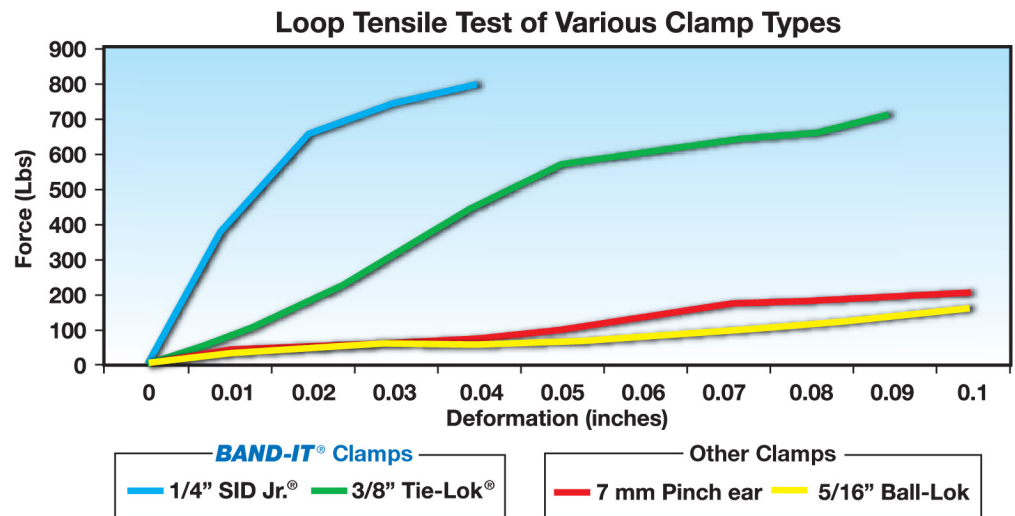
About **BAND-IT**[®]

- Over 70 years of experience in stainless steel clamping solutions.
- ISO/TS16949 / ISO9001 / ISO14001 registration for excellence in quality systems.
- Global manufacturing and distribution facilities.
- Applications engineers dedicated to providing applications support and fulfilling TS requirements for vehicle OEM customers.
- A unit of IDEX Corporation (NYSE: IEX).



Why **Band Clamps**?

- Easily conform to any shape
- Withstands extreme temperatures and corrosive environments
- Fasten dissimilar metals
- Large diameter reduction possible
- High strength and stiffness in loop tension
- Low profile, lightweight
- Eliminate need for brackets, nuts and bolts
- Reduce parts count



Why **BAND-IT**[®] Clamps?

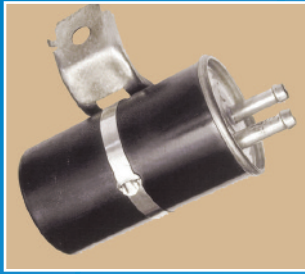
- Vibration resistant
- Broad size range
- Application specific clamps can be developed
- Preformed or free end clamp systems
- Repeatable tension application tools
- Permanent mechanical lock
- Fast application
- Low slip back
- High clamping and retained forces

Proud supplier to:



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AUTOMOTIVE APPLICATIONS



FUEL FILTER



SIDE CURTAIN AIR BAGS

- Retain inflators to bags
- Mount curtains to body



HIGH VOLTAGE CABLE SHIELDS

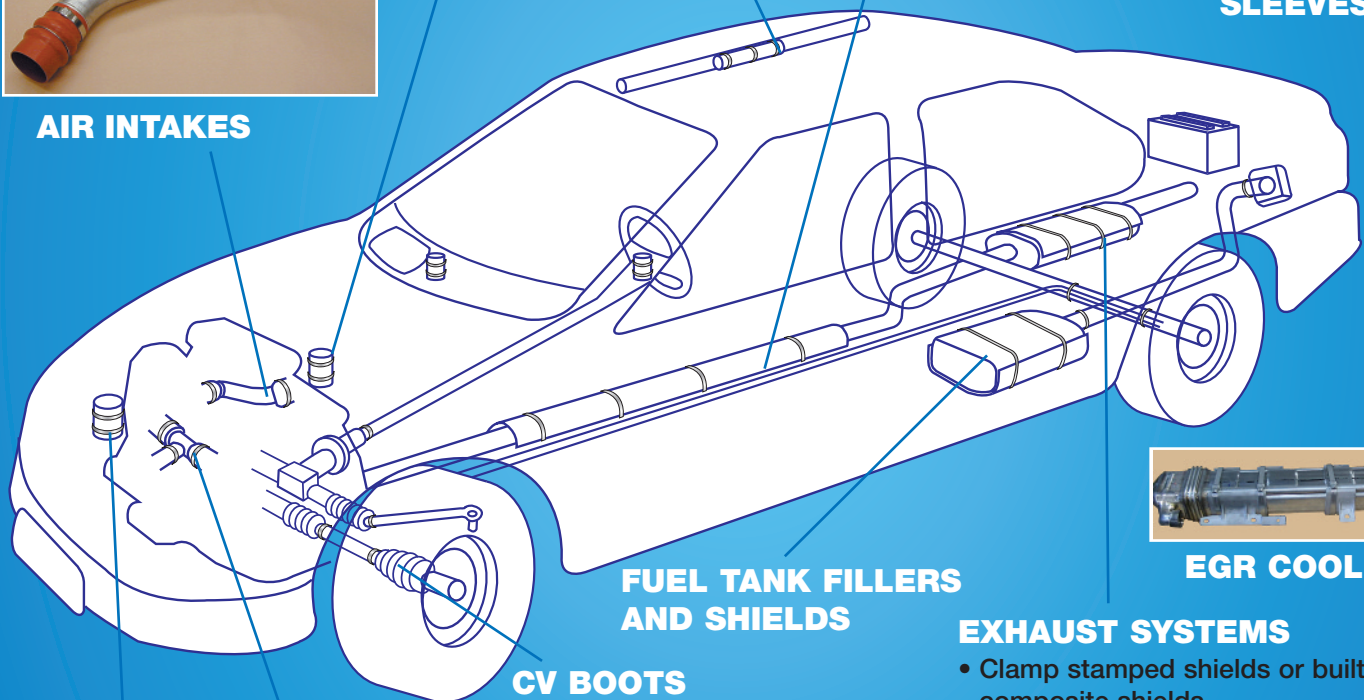


AIR INTAKES

SOUND ATTENUATION SHIELD



FIRE PROTECTION SLEEVES



FUEL TANK FILLERS AND SHIELDS



EGR COOLERS

CV BOOTS

- OEM quality clamps and installation tools
- Easy aftermarket repair and replacement
- Drastically reduced number of clamp sizes needed



EXHAUST SYSTEMS

- Clamp stamped shields or built-up composite shields
- Low profile, reduced weight
- Prevents weld cracking
- Heat and Sound Attenuation Shields



DRYER/RECEIVER

- Minimize scrap by eliminating welds

COOLING SYSTEMS

- Permanent clamping of heavy duty cooling lines to prevent removal without proper tools

Stainless Steel Ties, Bands and Clamps For Every Automotive Application



Junior® Clamp



Universal® Clamp



Tie-Lok®



Ultra-Lok®

Preformed (Round) Clamps

Clamp Type	Band Width (In)	Band Thickness (In)	Diameter Range (In)	Double Wrapped			Applications
				Material	Loop Tensile (Lbs.)	Power Production Tools	
Junior®	1/4	0.020	3/4 - 4 1/2	201SS	900	IT2000	Air bags, Boots, Canisters, Heat shields, Hoses
Junior®	3/8	0.025	3/4 - 4	201SS	1400	IT5000	Air bags, Heat shields, Hoses

Single Wrapped

Universal	1/4	0.015	1 - 4 1/2	201SS	250	IT1000	Boots
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Free-End (Flat) Clamps

Mini Tie-Lok®	3/16	0.015	1-8	304SS	100	IT0750	Boots
Tie-Lok®	1/4	0.015	1-10	304SS	250	IT1000	Canisters, Fire Sleeves, Heat Shields
	3/8	0.020	2-15	304SS	350	IT6000	
Ultra-Lok®	1/2	0.030	4-36	201 1/4 Hd.	2000	UL9000	EGR Coolers
	3/4	0.030	2-20	201 1/4 Hd	2500	UL4000	
Precision-Lok™	1/8	0.015	1/8 - 1.9	304SS	265	IT0250	Cable Shielding Termination
	1/4	0.020	1/4 - 2.5	304SS	979	IT0500	

* Standard configurations listed. Other sizes and materials available on request.

Introducing BAND-IT® Precision-Lok™ Bands

- Developed to address the need for cable shielding terminations required in high voltage hybrid and electric vehicles.
- Patented low profile, one-piece design provides 360° seal to virtually eliminate RFI/EMI leakage paths.
- Provides highly effective shield terminations for any size and type of backshell design.



Precision-Lok™ Band



Precision-Lok™ Hand Tool

Pneumatic Tools with Data Acquisition

- Verifies tension parameters via a pressure transducer in the tension cylinder.
- Visual error alerts for high and low tension pressure and improper cutoff.
- Records number of cycles to accurately track daily clamp output and scheduled maintenance intervals.
- 12 vDC relays close on errors and cycle completion to allow for customized audio or visual alarms.



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