BAND-IT®

THE ULTIMATE BAND FASTENING SYSTEM

2020 PRODUCT SOLUTIONS GUIDE

BAND-IT'S INDUSTRIAL APPLICATIONS

STAINLESS STEEL FASTENING AND BANDING

HOSE CLAMPING & IDENTIFICATION

CABLE MANAGEMENT

INFRASTRUCTURE

www.band-it-idex.com

ESSENTIALLY EVERYWHERE

BAND-IT® is an innovative clamping solutions company providing service and value second to none!

Founded in Denver, Colorado in 1937, BAND-IT® is acknowledged as the world leader in quality engineered fastening solutions. A unit of IDEX corporation, BAND-IT® has an international network of representatives and distributors, with manufacturing and distribution facilities serving users worldwide.

Certificates

As demonstration of our ongoing commitment to excellence, quality and environmental management, BAND-IT is proud to display the following certificates of compliance to the prestigious International Standards:

- ISO 9001
- ISO 14001
- ISO/TS16949

Since becoming ISO/TS certified, BAND-IT® continues to seek new and innovative ways to manufacture products through our continuous efforts upgrading equipment, employee training and internal quality assurance in our quest to deliver the best products within the market place to our customers.

Patents:

6,014,792 - Ultra-Lok® band clamp including separately attached buckle

- 6,260,704 B - Band tote assembly
- 6,481,467 - Pneumatic Automatic Air Tool S350
- 7,650,680 - Improved dimple locking method for bundling objects
- 7,484,274 - Free end band and seal
- 8,146,212 - Free end band

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Banding Applications

General Use

BAND-IT Band
- 201 SS, bright annealed finish with a combination of high strength and quality appearance
- Offers good resistance to oxidation and many moderate corrosive agents
- EASY SCALE - imprint on the band to quickly determine band length
- Durable plastic tote dispensers available

Giant Band
- Our widest and thickest band
- Available in 201 SS bright annealed
- Application Tools: C00369 (for 3/4" band only), and G40269

VALU-STRAP™, VALU-STRAP Plus™, and Valuband
- Economical band suitable for light duty applications
- Thickness: 0.015", 0.020", 0.025"
- Application Tools: C00169, C00369, C07569, C08569, C40099 and J02069

Galvanized Carbon Steel Band
- Utilized for low cost and non corrosive applications
- Good strength
- Application Tools: C00169, C00369, C07569, C08569, and C40099

Corrosion Resistant

304 Stainless Steel Band
- Band suitable for light duty applications
- Good corrosion resistance in fresh water and industrial atmospheres
- Application Tools: C00169, C00369, C07569, C08569, and C40099

316 Coated & Uncoated Stainless Steel Band
- Superior corrosion resistance in typical atmospheres and fresh water
- Coated band can be used in salt spray applications. Available with a non-toxic polymer coating (PPA 571) that produces low smoke and is halogen free
- Application Tools for coated: C07569, C08569, and C40099
- Application Tools for uncoated: C00169, C00369, C07569, C08569, and C40099

317L Stainless Steel Band
- Superior corrosion resistance in industrial and marine atmospheres, salt water, and mild chemicals
- Application Tools: C00169, C00369, and C40099

Alloy 400 Band
- Superior corrosion resistance in marine, salt water, and harsh chemical environments
- Application Tools: C00169, C00369, C07569, C08569 and C40099

Special Purpose

All Purpose Band
- Evenly spaced holes allow fastening with screw or nut and bolt
- Available with a non-toxic polymer coating (PPA 571) that produces low smoke and is halogen free

COLOR-IT®
- 12 stocked colors
- Speciality colors available upon request (minimum quantity applies)

Ultra-Lok® Banding System
- Designed for quick installation, highest clamping force and gap-free inside diameter.
- 201 1/4 hard SS band provides greater material strength allowing tighter clamps ~~and can be double wrapped for~~ additional strength

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General Use Band & Buckle

Type 201 Stainless Steel

This is the standard choice of BAND –IT products, offering very high strength, clean appearance and good resistance to oxidation and weathering. This non-magnetic material is the choice for municipal and industrial markets.

BAND-IT® Band 201 Stainless Steel

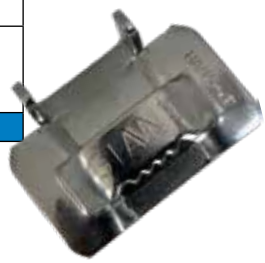
Part No.	Material	Width in	Width mm	Thickness in	Thickness mm	Average Breaking Strength (lbs)	Package Quantity	Weight lbs	Weight kg	Application Tools
201 Stainless Steel BAND-IT® Band										
C20299	201 SS	1/4	6.4	0.020	0.51	500	100'/Roll	1.7	0.7	C00169 C00369 C07569* C08569* C40099 J02069*
C20399	201 SS	3/8	9.6	0.025	0.64	900	100'/Roll	3.2	1.5	
C203Y9	201 SS	3/8	9.6	0.025	0.64	900	Yellow Tote 100'/Roll	3.6	1.6	
C20499	201 SS	1/2	12.7	0.030	0.76	1500	100'/Roll	5.1	2.3	
C204B9	201 SS	1/2	12.7	0.030	0.76	1500	Blue Tote 100'/Roll	5.5	2.5	
C20599	201 SS	5/8	15.8	0.030	0.76	1875	100'/Roll	6.4	2.9	
C205G9	201 SS	5/8	15.8	0.030	0.76	1875	Green Tote 100'/Roll	6.8	3.1	
C20699	201 SS	3/4	19.1	0.030	0.76	2250	100'/Roll	7.7	3.5	
C206R9	201 SS	3/4	19.1	0.030	0.76	2250	Red Tote 100'/Roll	8.2	3.7	
BAND-IT® Buckle Ear-Lokt Style										
C25299**	201 SS	1/4	6.4				100/Box	0.3	0.1	
C25399	201 SS	3/8	9.6				100/Box	0.8	0.4	
C25499	201 SS	1/2	12.7				100/Box	2.1	1.0	
C25599	201 SS	5/8	15.8				100/Box	2.4	1.1	
C25699	201 SS	3/4	19.1				100/Box	3.7	1.7	

**The J02069 can be used with 3/8" maximum width product. C07569 / C08569 tools for use on max 0.025" (0.63mm) thickness*
** Clip Style

Giant Band 201 Stainless Steel

Part No.	Material	Width in	Width mm	Thickness in	Thickness mm	Average Breaking Strength (lbs)	Package Quantity	Weight lbs	Weight kg	Finish	Application Tools
Giant Band											
G43099*	201 SS	3/4	19.1	0.044	1.10	3300	100'/Roll	11.6	5.4		C00369 G40269
G43199	201 SS	1	25.4	0.044	1.10	4400	100'/Roll	13.7	6.4		G40269
G43299	201 SS	1-1/4	31.8	0.044	1.10	5500	100'/Roll	17.2	8.0		
Giant Buckle Ear-Lokt Style											
G44099	201 SS	3/4	19.1				25/Box	1.8	0.8		
G44199	201 SS	1	25.4				25/Box	2.4	1.1		
G44299	201 SS	1-1/4	31.8				25/Box	3.2	1.4		

*C00369 tool to be used for 3/4"



Scru-Lokt Buckle Stainless Steel

Part No.	Material	Width in	Width mm	Package Quantity	Weight lbs	Weight kg	Application Tools
Stainless Steel Scru-Lokt Buckle							
C72099	301 SS 1/4 Hard	1/4	6.4	50/Box	0.3	0.1	Hex Key
C72299	301 SS 1/4 Hard	3/8	9.6	50/Box	0.5	0.2	
C72499	301 SS 1/4 Hard	1/2	12.7	25/Box	0.5	0.2	
C72599	201 SS	5/8	15.8	25/Box	0.8	0.4	
C72699	201 SS	3/4	19.1	25/Box	0.9	0.4	

BAND-IT reserves the right to substitute material with equal or better corrosion resistance and/or mechanical specifications.

General Use Band & Buckle

Type 200-300 Stainless Steel

Also known as Value Series Stainless steel – Typically non-magnetic, this economy steel is suitable for light duty applications when the benefits of stainless steel are required.

VALU-STRAP™ Band Stainless Steel

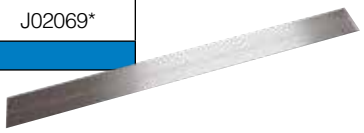
Part No.	Material	Width in	Width mm	Thickness in	Thickness mm	Average Breaking Strength (lbs)	Package Quantity	Weight lbs	Weight kg	Application Tools
VALU-STRAP™										
C13399	200/300 SS	3/8	9.6	0.015	0.38	450	100'/Roll	2.2	1.0	C00169
C13499	200/300 SS	1/2	12.7	0.015	0.38	600	100'/Roll	2.9	1.3	C00369
C13599	200/300 SS	5/8	15.8	0.015	0.38	750	100'/Roll	3.6	1.7	C07569
C13699	200/300 SS	3/4	19.1	0.015	0.38	900	100'/Roll	4.4	2.0	C08569 C40099 J02069*

**The J02069 can be used with 3/8" maximum width product.*

VALU-STRAP™ Plus Band Stainless Steel

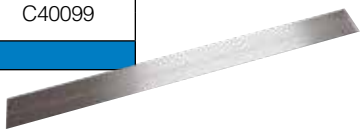
Part No.	Material	Width in	Width mm	Thickness in	Thickness mm	Average Breaking Strength (lbs)	Package Quantity	Weight lbs	Weight kg	Application Tools
VALU-STRAP™ Plus										
C18189	200/300 SS	1/2	12.7	0.020	0.51	850	100'/Roll	3.8	1.7	C00169 C00369
C17199	200/300 SS	5/8	15.8	0.020	0.51	1000	100'/Roll	5.6	2.6	C07569 C08569
C16189	200/300 SS	3/4	19.1	0.020	0.51	1275	100'/Roll	5.7	2.5	C40099 J02069*

**The J02069 can be used with 3/8" maximum width product).*



Valuband Stainless Steel

Part No.	Material	Width in	Width mm	Thickness in	Thickness mm	Average Breaking Strength (lbs)	Package Quantity	Weight lbs	Weight kg	Application Tools
Valuband										
C14499	200/300 SS	1/2	12.7	0.025	0.64	1000	100'/Roll	4.5	2.0	C00169
C14599	200/300 SS	5/8	15.8	0.025	0.64	1250	100'/Roll	5.6	2.6	C00369
C14699	200/300 SS	3/4	19.1	0.025	0.64	1590	100'/Roll	6.7	3.0	C07569
C14899	200/300 SS	1/2	12.7	0.025	0.64	1000	200'/Roll	9.0	4.0	C08569
C14999	200/300 SS	5/8	15.8	0.025	0.64	1250	200'/Roll	11.2	5.2	C40099
C15099	200/300 SS	3/4	19.1	0.025	0.64	1590	200'/Roll	13.4	6.0	



BAND-IT reserves the right to substitute material with equal or better corrosion resistance and/or mechanical specifications.

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General Use Band & Buckle

Stainless Steel Valuclip

Part No.	Material	Width in	Width mm	Package Quantity	Weight lbs	Weight kg
Valuclip						
C15399	200/300 SS	3/8	9.6	100/Box	0.6	0.3
C15499	200/300 SS	1/2	12.7	100/Box	1.1	0.5
C15599	200/300 SS	5/8	15.8	100/Box	1.2	0.5
C15699	200/300 SS	3/4	19.1	100/Box	2.1	0.9

Stainless Steel Clip

Part No.	Material	Width in	Width mm	Package Quantity	Weight lbs	Weight kg
Stainless Steel Clip						
C25299	200/300 SS	1/4	6.4	100/Box	0.3	0.1
L15499	200/300 SS	1/2	12.7	100/Box	1.5	0.7
L15599	200/300 SS	5/8	15.8	100/Box	1.8	0.8
L15699	200/300 SS	3/4	19.1	100/Box	2.6	1.2

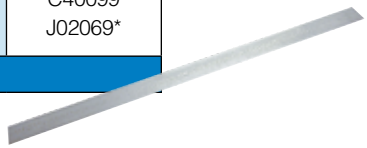
Galvanized Carbon Steel "GCS"

Carbon steel which has been electro galvanized. This is an economical choice offering medium strength.

Galvanized Carbon Steel Band

Part No.	Material	Width in	Width mm	Thickness in	Thickness mm	Average Breaking Strength (lbs)	Package Quantity	Weight lbs	Weight kg	Application Tools
Galvanized Carbon Steel Band										
C30499	GCS	1/2	12.7	0.03	0.762	1125	100'/Roll	5.1	2.4	C00169 C00369 C07569 C08569 C40099 J02069*
C30599	GCS	5/8	15.8	0.03	0.762	1405	100'/Roll	6.4	3.0	
C30699	GCS	3/4	19.1	0.03	0.762	1690	100'/Roll	7.7	3.6	

**The J02069 can be used with 3/8" maximum width product.*



Galvanized Carbon Steel Buckle

Part No.	Material	Width in	Width mm	Package Quantity	Weight lbs	Weight kg
Galvanized Carbon Steel Ear-Lokt Buckle						
C35499	GCS	1/2	12.7	100/Box	2.1	1.0
C35599	GCS	5/8	15.8	100/Box	2.4	1.1
C35699	GCS	3/4	19.1	100/Box	3.7	1.7

BAND-IT reserves the right to substitute material with equal or better corrosion resistance and/or mechanical specifications.

Corrosion Resistant Band & Buckle

Type 304 Stainless Steel Band

This alloy will provide a very good corrosion resistance in fresh water and industrial atmospheres. Often selected for light duty applications in food processing, chemical, power transmission and cable management.

Part No.	Material	Width in	Width mm	Thickness in	Thickness mm	Average Breaking Strength (lbs)	Package Quantity	Weight lbs	Weight kg	Application Tools
304 Stainless Steel Band										
C91399	304 SS	3/8	9.6	0.020	0.51	600	200'/Roll	5.9	2.7	C00169 C00369 C07569 C08569 C40099 J02069*
C91499	304 SS	1/2	12.7	0.020	0.51	850	200'/Roll	7.6	3.4	
C91599	304 SS	5/8	15.8	0.020	0.51	1000	200'/Roll	9.5	4.3	
C91699	304 SS	3/4	19.1	0.020	0.51	1275	200'/Roll	11.3	5.0	

**The J02069 can be used with 3/8" maximum width product.*

Type 316 Stainless Steel Band (coated & uncoated)

This alloy provides superior corrosion resistance in fresh water and typical atmospheres and is non-magnetic. Ideal for food process, chemical / agricultural hose assemblies, marine splash zones and some acidic environments.

Part No.	Material	Width in	Width mm	Thickness in	Thickness mm	Average Breaking Strength (lbs)	Package Quantity	Weight lbs	Weight kg	Application Tools
316 Stainless Steel Band Coated										
AE4339	316 SS	3/8	9.6	0.048**	1.22**	505	82.5'/Roll	2.6	1.2	C07569 C08569 C40069
AE4349	316 SS	1/2	12.7	0.048**	1.22**	670	82.5'/Roll	3.5	1.6	
AE4359	316 SS	5/8	15.8	0.048**	1.22**	840	82.5'/Roll	4.4	2.0	
AE4369	316 SS	3/4	19.1	0.048**	1.22**	1000	82.5'/Roll	5.3	2.4	
**Material thickness includes PPA 571 coating - Base material thickness is 0.015"										
316 Stainless Steel Band Uncoated										
C40299	316 SS	1/4	6.4	0.020	0.51	400	100'/Roll	2.0	0.9	C00169 C00369 C07569* C08569* C40099 J02069*
C40399	316 SS	3/8	9.6	0.025	0.64	750	100'/Roll	3.5	1.6	
C40499	316 SS	1/2	12.7	0.030	0.76	1200	100'/Roll	4.9	2.2	
C404B9	316 SS	1/2	12.7	0.030	0.76	1200	Blue Tote 100'/Roll	5.6	2.6	
C40599	316 SS	5/8	15.8	0.030	0.76	1500	100'/Roll	6.2	2.8	
C405G9	316 SS	5/8	15.8	0.030	0.76	1500	Green Tote 100'/Roll	6.9	3.1	
C40699	316 SS	3/4	19.1	0.030	0.76	1800	100'/Roll	7.5	3.4	
C406R9	316 SS	3/4	19.1	0.030	0.76	1800	Red Tote 100'/Roll	8.2	3.7	

**The J02069 can be used with 3/8" maximum width product. C07569 / C08569 tools for use on max 0.025" (0.63mm) thickness*

316 Stainless Steel Ear-Lokt Buckle

Part No.	Material	Width in	Width mm	Package Quantity	Weight lbs	Weight kg
316 Stainless Steel Ear-Lokt Buckle						
C45299**	316 SS	1/4	6.4	100/Box	0.3	0.1
C45399	316 SS	3/8	9.6	100/Box	0.8	0.4
C45499	316 SS	1/2	12.7	100/Box	2.1	1.0
C45599	316 SS	5/8	15.8	100/Box	2.4	1.1
C45699	316 SS	3/4	19.1	100/Box	3.7	1.7
** Clip Style						

316 Stainless Steel Clip

Part No.	Material	Width in	Width mm	Package Quantity	Weight lbs	Weight kg
316 Stainless Steel Clip						
AE4529	316 SS	1/4	6.4	100/Box	0.3	0.1
AE4539	316 SS	3/8	9.6	100/Box	0.6	0.3
AE4549	316 SS	1/2	12.7	100/Box	1.0	0.4
AE4559	316 SS	5/8	15.8	100/Box	1.1	0.5
AE4569	316 SS	3/4	19.1	100/Box	1.3	0.6

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Corrosion Resistant Band & Buckle

Type 317L Stainless Steel Band

This alloy has superior corrosion resistance and is typically used to wrap bleach drums in the pulp and paper mills. The "L" indicates a low carbon content, which significantly improves its welding characteristics.

Subject to extended lead time and minimum order quantities. Call for quotes.

Part No.	Material	Width		Thickness		Average Breaking Strength (lbs)	Package Quantity	Weight		Application Tools
		in	mm	in	mm			lbs	kg	
317L Band										
C41399	317L 1/4 Hard SS	3/8	9.6	0.030	0.76	1290	300'/Roll	11.9	5.3	C00169 C00369 C40099
C42499	317L 1/4 Hard SS	1/2	12.7	0.020	0.51	1160	300'/Roll	10.2	4.6	
C41499	317L 1/4 Hard SS	1/2	12.7	0.030	0.76	1725	300'/Roll	15.9	7.2	
C41599	317L 1/4 Hard SS	5/8	15.8	0.030	0.76	2150	300'/Roll	19.9	9.0	
C41699	317L 1/4 Hard SS	3/4	19.1	0.030	0.76	2580	300'/Roll	23.9	10.8	

Alloy 400 Band

This is the material of choice for submerged marine and harsh chemical applications.

Subject to extended lead time and minimum order quantities. Call for quotes.

Part No.	Material	Width		Thickness		Average Breaking Strength (lbs)	Package Quantity	Weight		Application Tools
		in	mm	in	mm			lbs	kg	
Alloy 400 Band										
C80399	Alloy 400 Band	3/8	9.6	0.025	0.64	630	100'/Roll	3.7	1.7	C00169 C00369 C40099 J02069*
C80499	Alloy 400 Band	1/2	12.7	0.030	0.76	1050	100'/Roll	5.1	2.4	
C80599	Alloy 400 Band	5/8	15.8	0.030	0.76	1310	100'/Roll	7.7	3.5	
C80699	Alloy 400 Band	3/4	19.1	0.030	0.76	1595	100'/Roll	7.7	3.6	

**The J02069 can be used with 3/8" maximum width product.*

Alloy 400 Buckle

Subject to extended lead time and minimum order quantities. Call for quotes.

Part No.	Material	Width		Package Quantity	Weight	
		in	mm		lbs	kg
Alloy 400 Buckle						
C85399	Alloy 400	3/8	9.6	100/Box	0.8	0.4
C85499	Alloy 400	1/2	12.7	100/Box	2.1	1.0
C85599	Alloy 400	5/8	15.8	100/Box	2.4	1.0
C85699	Alloy 400	3/4	19.1	100/Box	3.7	1.7

Special Purpose Band

All Purpose Band (coated & uncoated)

Part No.	Material	Width		Thickness		Diameter of Hole		Package Quantity	Weight	
		in	mm	in	mm	in	mm		lbs	kg
All Purpose Band PPA571 Coated										
AE4759	316 SS	1/2	12.7	0.050	1.3	0.19	5	82.5'/Roll	3.1	1.4
AE4769	316 SS	3/4	19.1	0.050	1.3	0.27	7	82.5'/Roll	5.3	2.4
AE4779	316 SS	1	25.4	0.050	1.3	0.31	8	82.5'/Roll	7.3	3.3
NOTE: Material thickness includes PPA 571 coating - Base material thickness is 0.030"										
All Purpose Band Uncoated										
AE4259	316 SS	1/2	12.7	0.030	0.76	0.19	5	82.5'/Roll	3.1	1.4

BAND-IT reserves the right to substitute material with equal or better corrosion resistance and/or mechanical specifications.

General Use Band & Buckle

Roll Band with COLOR-IT®

Part No.	Material	Width in	Width mm	Thickness in	Thickness mm	Package Quantity	Weight lbs	Weight kg	Color	RAL#	Application Tools
Roll Band with COLOR-IT® - Polyester											
C144C9-P000	201/301 SS	1/2	12.7	0.025	0.64	100'/Roll	5.1	2.3	White	9016	C00169 C00369 C07569* C08569* C40099
C144C9-P100	201/301 SS	1/2	12.7	0.025	0.64	100'/Roll	5.1	2.3	Red	3001	
C144C9-P200	201/301 SS	1/2	12.7	0.025	0.64	100'/Roll	5.1	2.3	Orange	2008	
C144C9-P300	201/301 SS	1/2	12.7	0.025	0.64	100'/Roll	5.1	2.3	Yellow	1018	
C144C9-P302	201/301 SS	1/2	12.7	0.025	0.64	100'/Roll	5.1	2.3	Tan	1001	
C144C9-P400	201/301 SS	1/2	12.7	0.025	0.64	100'/Roll	5.1	2.3	Green	6032	
C144C9-P500	201/301 SS	1/2	12.7	0.025	0.64	100'/Roll	5.1	2.3	Blue	5002	
C144C9-P550	201/301 SS	1/2	12.7	0.025	0.64	100'/Roll	5.1	2.3	Lt. Blue	5012	
C144C9-P600	201/301 SS	1/2	12.7	0.025	0.64	100'/Roll	5.1	2.3	Purple	4008	
C144C9-P700	201/301 SS	1/2	12.7	0.025	0.64	100'/Roll	5.1	2.3	Gray	7036	
C144C9-P800	201/301 SS	1/2	12.7	0.025	0.64	100'/Roll	5.1	2.3	Brown	8002	
C144C9-P900	201/301 SS	1/2	12.7	0.025	0.64	100'/Roll	5.1	2.3	Black	9004	
C206C9-P900	201/301 SS	3/4	19.1	0.030	0.76	100'/Roll	7.6	3.4	Black	9004	
Ear-Lokt Buckles with COLOR-IT® - Polyester											
C25499-D900	201/301 SS	1/2	12.7			100/Box	1.7	0.8	Black	9004	
C25699-D900	201/301 SS	3/4	19.1			100/Box	3.5	1.6	Black	9004	

** C07569 / C08569 tools for use on max 0.025" (0.63mm) thickness*

Colored Roll Band in Tote

C00169 Standard Banding Tool

C07569 Bantam Tool

BAND-IT® Band & Buckle Kit C27699

- Basic starter kit in a polyethylene case

C27699 - 1/2" band & buckle kit: 1- C00169, 1- C20499, 1- C25499 and 1- C72499 (kit weight - 17.2lbs, 7.8kg)

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BAND-FAST®

BAND-FAST® is a pre-cut band with smoother edges that creates a safer and more efficient working environment with decreased installation labor.

BAND-FAST® Precut and Assembled with Ear-Lokt Buckle

Part No.	Material	Width		Thickness		Finished Length		Max. Dia. Single Wrap		Max. Dia. Double Wrap		Package Quantity	Application Tools
		in	mm	in	mm	in	mm	in	mm	in	mm		
BAND-FAST® Precut and Assembled with Ear-Lokt Buckle													
BFES-A1230-024	201 SS	3/4	19.1	0.030	0.76	24	609	5	127	2.5	64	25/Box	C00169 C00369 C40099
BFES-A1230-034	201 SS	3/4	19.1	0.030	0.76	34	863	8	203	4	102	25/Box	
BFES-A1230-048	201 SS	3/4	19.1	0.030	0.76	48	1219	12	305	6	152	25/Box	
BFES-A1230-069	201 SS	3/4	19.1	0.030	0.76	69	1752	18	457	9	229	25/Box	
BFES-A1230-090	201 SS	3/4	19.1	0.030	0.76	90	2286	24	610	12	305	15/Box	

BAND-FAST® Open End with Center Punch Clip

SS Part No.	Width		Thickness		Length**		Inside Diameter Single Wrap		Inside Diameter Double Wrap		Pkg Qty	Application Tools
	In	mm	In	mm	In	mm	In	mm	In	mm		
BAND-FAST® Open End with Center Punch Clip												
O325S9	3/8	9.6	0.020	0.51	24.0	610	6	152	3	76	100/Box	T30069
O16S99	5/8	15.8	0.020	0.51	31.0	787	8	203	4	102	50/Box	

NOTE: Take the object circumference and add 6" to grip with the tool (2 X circumference for double wrap plus 6" for tail insertion).

BAND-FAST® Precut and Assembled with Clip

Part No.	Material	Width		Thickness		Finished Length		Max. Dia. Single Wrap		Max. Dia. Double Wrap		Package Quantity	Weight		Application Tools
		in	mm	in	mm	in	mm	in	mm	in	mm		lbs	kg	
BAND-FAST® Precut and Assembled with Clip															
L20399	201 SS	1/4	6.4	0.020	0.51	10	254	2	50	not suggested		100/Box	2.2	0.9	C00169 C00369 C07569* C40099 J02069*
L20499	201 SS	1/4	6.4	0.020	0.51	16	406	3-1/2	88	1-1/2	38	100/Box	3.1	1.4	
L20799	201 SS	1/4	6.4	0.020	0.51	19	482	5	127	2-1/2	63	100/Box	3.5	1.6	
L20899	201 SS	1/4	6.4	0.020	0.51	26	660	7	177	3-1/2	88	100/Box	4.6	2.1	
L21099	201 SS	1/4	6.4	0.020	0.51	34	863	9	228	4-1/2	114	100/Box	5.6	2.6	
L22199	201 SS	3/8	9.6	0.025	0.64	16	406	3-1/2	88	1-1/2	38	100/Box	6.2	2.8	
L22999	201 SS	3/8	9.6	0.025	0.64	44	1117	12	305	6	152	25/Box	3.6	1.6	
L28499	201 SS	3/4	19.1	0.030	0.76	24	609	6	152	3	76	50/Box	10.9	4.9	
L28899	201 SS	3/4	19.1	0.030	0.76	37	940	10	254	5	127	25/Box	7.6	3.5	
L29099	201 SS	3/4	19.1	0.030	0.76	50	1270	14	355	7	177	25/Box	9.7	4.4	
L29299	201 SS	3/4	19.1	0.030	0.76	62	1575	18	457	9	228	25/Box	11.6	5.3	

** The J02069 can be used with 3/8" maximum width product *C07569 for use on max 0.025" (0.63mm) thickness*

ULTRA-LOK® Clamping System

3/4" Ultra-Lok® Free End Band with Buckle forms a low profile, tamper proof lock.

Ultra-Lok® Free End Banding System

Designed for quick installation, highest clamping force and gap-free inside diameter. The best choice for demanding applications!

- **Apply 3-5 times faster than band and buckle hand tools**
- **Unique lock formed under full tension maximizing tightness**
- **201 SS band provides greater material strength allowing tighter clamps and can be double wrapped for additional strength**
- **3/4" band available in plastic totes**
- **Application Tool: UL4000-D cordless**

1/2" Ultra-Lok® Free End Band with Buckle

3/4" Ultra-Lok® Tote

UL4000-D

Longer charge and battery life. Now powered with a Lithium-ion battery, the UL4000-D battery charge lasts longer with consistent peak performance through the life of the battery. In addition, the UL4000-D uses a mechanical clutch and predetermined torque settings to provide a consistent tightness that eliminates assembly guesswork.

ULTRA-LOK® Tool with Accessories

Part No.	Description
Ultra-Lok® Tool with Accessories	
UL4000-D	ULTRA-LOK® tool comes fully assembled in a custom protective case made with impact resistant HDPE thermoplastic. Included with the UL4000-D: 1- spare 18 volt Lithium-ion battery, 1- battery charger, tool lubrication/assembly tool kit and operators manuals.
M09387	1/2" shear plate (SOLD SEPARATELY) is compatible with the UL 4000-D,C,B, and UL4000, to convert from 3/4" ULTRA-LOK® to 1/2" ULTRA-LOK® Clamp systems.
UL4199	UL Safety Belt (SOLD SEPARATELY) is compatible with the UL 4000-D,C,B, and UL4000.

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ULTRA-LOK® Clamping System

Part No.	Material	Width in	Width mm	Thickness in	Thickness mm	Length in	Length mm	Single Wrap in	Single Wrap mm	Double Wrap in	Double Wrap mm	Package Quantity	Weight lbs	Weight kg	Application Tools
Ultra-Lok® Band															
UL1018**	201 SS	1/2	12.7	0.030	0.76	18	457	3	76	not suggested		50/Box	4.1	1.9	UL4000D
UL1024**	201 SS	1/2	12.7	0.030	0.76	24	610	5	127	2.5	64	50/Box	5.3	2.4	
UL1032**	201 SS	1/2	12.7	0.030	0.76	32	813	7	178	3.5	89	50/Box	7.2	3.3	
UL1046**	201 SS	1/2	12.7	0.030	0.76	46	1168	11	280	5.5	140	25/Box	5.9	2.7	
UL1070**	201 SS	1/2	12.7	0.030	0.76	70	1778	18	457	9	229	25/Box	8.5	3.9	
UL1096**	201 SS	1/2	12.7	0.030	0.76	96	2438	25	635	12.5	318	25/Box	11.2	5.1	
UL1116**	201 SS	1/2	12.7	0.030	0.76	116	2946	31	787	15.5	394	25/Box	13.3	6.0	
UL2024	201 SS	3/4	19.1	0.030	0.76	24	610	5	127	not suggested		25/Tote	4.1	1.9	
UL2032	201 SS	3/4	19.1	0.030	0.76	32	813	7	178	3.5	89	19/Tote	4.3	2.0	
UL2036	201 SS	3/4	19.1	0.030	0.76	36	914	8	252	4	102	33/Tote	8.2	3.7	
UL2044	201 SS	3/4	19.1	0.030	0.76	44	1118	11	267	5.5	140	27/Tote	8.2	3.7	
UL2048	201 SS	3/4	19.1	0.030	0.76	48	1219	12	305	6	153	25/Tote	8.2	3.7	
UL2052	201 SS	3/4	19.1	0.030	0.76	52	1321	13	330	6.5	165	23/Tote	8.2	3.7	
UL2060	201 SS	3/4	19.1	0.030	0.76	60	1524	15	381	7.5	191	20/Tote	8.2	3.7	
UL2068	201 SS	3/4	19.1	0.030	0.76	68	1727	17	445	8.5	216	17/Tote	8.2	3.7	
UL2076	201 SS	3/4	19.1	0.030	0.76	76	1930	20	508	10	254	15/Tote	8.2	3.7	
UL2084	201 SS	3/4	19.1	0.030	0.76	84	2134	22	559	11	280	14/Tote	8.2	3.7	
UL2092	201 SS	3/4	19.1	0.030	0.76	92	2337	24	622	12	305	13/Tote	8.2	3.7	
UL2120	201 SS	3/4	19.1	0.030	0.76	120	3048	32	826	16	407	10/Tote	8.2	3.7	
UL2150	201 SS	3/4	19.1	0.030	0.76	150	3810	41	1029	20.5	508	8/Tote	8.2	3.7	
UL2175	201 SS	3/4	19.1	0.030	0.76	175	4445	48	1232	24	610	7/Tote	8.2	3.7	
Ultra-Lok® Buckles															
UB2549	201 SS	1/2	12.7									100/Box	3.7	1.7	
UB2569	201 SS	3/4	19.1									100/Box	3.7	1.7	

** 1/2" Bands will require M09387 for UL4000 and UL9010 Tool.
3/4" width band lengths 36" or longer in 100' Totes; 34" or less in 50' Totes.

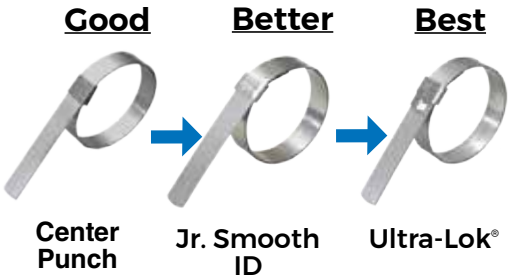
UL4000-D Ultra-Lok® Cordless Tool

- **Applies 1/2"* & 3/4" Ultra-Lok preformed clamps or Band and Buckle**
- **Ultra-Lok clamps can be applied four times faster than conventional clamps**
- **Supplied with spare battery and charger with Automatic Battery Tune-Up feature**
- **Locks under full tension**
- **Adjustable speed and torque**
- **Consistent, repeatable tensioning**
- **Available in 110 or 220 volt power source**
- **Ideal for field repairs**

UL4000-D

** For 1/2" applications, must use M09387 1/2" Shear Plate.*

Preformed Clamps



Chemical Plants, Food Processing, Plant Maintenance, Government, Communications & Utility

Engineered Fastening and Bundling Systems for Extreme Conditions

Products: Ultra-Lok®, Junior® Smooth ID and Center Punch.

Benefits:

- Superior performance in extreme temperatures, chemical exposure, salt spray conditions and UV light exposure
- Low inventory requirements
- Multiple preformed clamp solutions for various environments, markets and industries
- Hand and production application tools
- Permanent and secure locking mechanisms
- Reliable and efficient installation tools
- Low installed cost
- High quality materials that meets ASTM standards
- Quality certified manufacturing process management – ISO9001 with TS 16949

Commonly Used Hose Applications:

- Air/Multi-Purpose
- Food Handling
- Lay Flat
- Petroleum Drop, Vapor, Discharge and Suction
- Water - General Purpose, Suction, Discharge
- Chemical Hose - Plastic and Rubber Lined

Preformed Clamps Chart

Good Center Punch	Better Junior Smooth ID	Best Ultra-Lok®
Preformed Clamps		
2 Material choices	3 Material choices	201 1/4 hard stainless steel
Locks using conical punch	Vibration resistant lip wrap lock	Superior vibration resistance, locks under full tension
Manufactured with stainless steel buckles to provide greater locking strength	Smooth ID design reduces leak path	Smooth ID design reduces leak path
Sizes from 13/16" to 8" available	Sizes from 13/16" to 8" available	Patented lock design, sizes from 1 1/2" to 9" available, longer length open end clamps also available
Applied with choice of 2 hand tools, or one air production tool	Applied with a choice of 1 hand tool, or 2 air production tools	Applied with portable battery powered tool

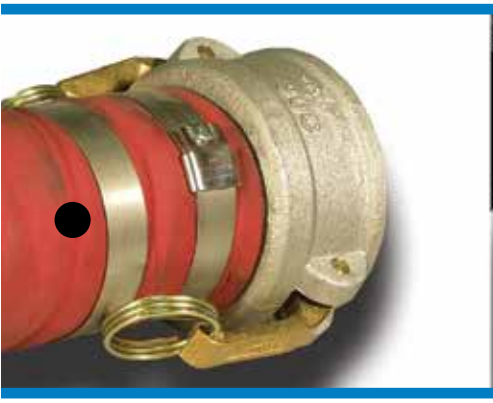
CAUTION: *BAND-IT recommends that hose assemblies are tested per established industry test methods and tagged for your safety prior to use.*

ULTRA-LOK® Clamping System

Preformed Clamping Systems

Designed for quick installation, highest clamping force and smooth, gap-free inside diameter. The best choice for demanding applications!

- Strongest band clamping system available
- Double wrapped 201SS for superior strength
- Unique lock formed under full tension maximizes tightness
- Thicker buckle is 2-3 times stronger than other preformed clamps
- Smooth inside diameter designed to eliminate leak paths
- Buckle hood protects lock from snags
- Install Ultra-Lok® clamping systems quickly using portable power tools



Preformed Clamps

Part No.	Material	Width In	Width mm	Thickness In	Thickness mm	Inside Diameter In	Inside Diameter mm	Package Weight Lbs	Package Weight Kg	Pkg Qty	Tools
Ultra-Lok® Preformed Clamp											
UL2279	201 SS	3/4	19.1	0.030	0.76	2	50	14.9	6.8	100/Box	
UL2109	201 SS	3/4	19.1	0.030	0.76	2.75	69	9.2	4.2	50/Box	
UL2119	201 SS	3/4	19.1	0.030	0.76	3	76	10.4	4.7	50/Box	
UL2129	201 SS	3/4	19.1	0.030	0.76	3.5	88	10.8	4.9	50/Box	
UL2139	201 SS	3/4	19.1	0.030	0.76	4	101	6.4	2.9	25/Box	
UL2149	201 SS	3/4	19.1	0.030	0.76	4.5	114	7	3.2	25/Box	
UL2159	201 SS	3/4	19.1	0.030	0.76	5	127	7.5	3.4	25/Box	
UL2709	201 SS	3/4	19.1	0.030	0.76	5.25	139	7.3	3.3	25/Box	
UL2169	201 SS	3/4	19.1	0.030	0.76	6	152	8.4	3.8	25/Box	
UL2179	201 SS	3/4	19.1	0.030	0.76	6.5	165	10.2	4.6	25/Box	
UL2189	201 SS	3/4	19.1	0.030	0.76	7	177	9.8	4.4	25/Box	
UL2199	201 SS	3/4	19.1	0.030	0.76	8	203	11.0	5.0	25/Box	
UL2289	201 SS	3/4	19.1	0.030	0.76	9	228	5.1	2.31	10/Box	

BAND-IT JR® Smooth ID

Preformed Clamping Systems

Wide choice of sizes and materials in a leak resistant design.

- Smooth I.D. Clamps reduce the risk of leaks especially when used on thin walled hoses
- Vibration resistant lip lock design. No hammering or crimping
- Unique buckle nest and smooth ID design reduces leak paths
- Double wrapped steel bands for additional strength
- Various materials for corrosive environments
- Band widths - 1/4", 3/8", 1/2", 5/8" and 3/4"
- Available for hose assemblies up to 9" outside diameter

Pneumatic and Hand Tools

S75099 Pneumatic Junior® Clamp Application Tool

Use with

BAND-IT® Junior® Smooth ID Preformed Clamps

S35099 Pneumatic Junior® Clamp Automatic Air Tool

Use with

BAND-IT® Junior® Smooth ID Preformed Clamps

C00269 Junior® Preformed Clamp Tool

Use with

BAND-IT® Junior® Smooth ID Preformed Clamps

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BAND-IT JR® Smooth ID

Preformed Clamping Systems

Wide choice of sizes and materials.

Suggested Band Clamp Widths, Rollover Style: Hose ID	Clamp Band Width
Use with Juniors & Junior Smooth Clamps	
<1/2"	3/8"
1/2" - 3/4"	1/2"
3/4" - 2"	5/8"
>2"	3/4"

201 SS* Part No.	316 SS* Part No.	GCS* Part No.	Width		Thickness		Inside Diameter		Package Weight		Package Quantity	Application Tools
			In	mm	In	mm	In	mm	Lbs	Kg		
BAND-IT® Junior® Smooth ID Clamp												
JS2409	NA	NA	1/4	6.4	0.020	0.51	0.8125	20	2.0	0.9	100/Box	C00169** J00169** C00269 IT2000 S35099 S75099
JS2429	NA	NA	1/4	6.4	0.020	0.51	1.0	25	2.1	1.0	100/Box	
JS2419	NA	NA	1/4	6.4	0.020	0.51	1.375	34	2.5	1.1	100/Box	
JS2529	NA	NA	1/4	6.4	0.020	0.51	1.5	38	2.6	1.2	100/Box	
JS2539	NA	NA	1/4	6.4	0.020	0.51	2.0	50	3.2	1.5	100/Box	
JS2209	NA	NA	1/4	6.4	0.020	0.51	2.5	63	3.7	1.7	100/Box	
JS2569	NA	NA	1/4	6.4	0.020	0.51	2.75	69	3.8	1.7	100/Box	
JS2449	NA	NA	1/4	6.4	0.020	0.51	3	76	4.2	1.9	100/Box	
JS2579	NA	NA	1/4	6.4	0.020	0.51	3.5	88	4.6	2.1	100/Box	
JS2589	NA	NA	1/4	6.4	0.020	0.51	4.0	101	5.3	2.4	100/Box	
JS2599	NA	NA	1/4	6.4	0.020	0.51	4.5	114	5.7	2.6	100/Box	
JS2019	JS4019	JS3019	3/8	9.6	0.025	0.64	0.8125	20	3.6	1.6	100/Box	C00169** J00169** J05069** C00269 IT5000 S35099 S75099
JS2439	NA	JS3439	3/8	9.6	0.025	0.64	1.0	25	3.9	1.8	100/Box	
JS2029	JS4029	JS3029	3/8	9.6	0.025	0.64	1.375	34	5.0	2.3	100/Box	
JS2459	JS4459	JS3459	3/8	9.6	0.025	0.64	2.0	50	5.9	2.7	100/Box	
JS2219	JS4219	JS3219	3/8	9.6	0.025	0.64	2.5	63	6.8	3.1	100/Box	
JS2469	NA	JS3469	3/8	9.6	0.025	0.64	3.0	76	7.5	3.4	100/Box	
JS2559	JS4559	JS3559	3/8	9.6	0.025	0.64	3.5	88	8.6	3.9	100/Box	
JS2489	JS4489	JS3489	3/8	9.6	0.025	0.64	4.0	101	9.5	4.3	100/Box	
JS2039	JS4039	JS3039	1/2	12.7	0.030	0.76	1.0	25	6.5	3.0	100/Box	C00169** J00169** J05069** C00269 S35099 S75099
JS2049	JS4049	JS3049	1/2	12.7	0.030	0.76	1.25	31	7.2	3.3	100/Box	
JS2319	NA	JS3319	1/2	12.7	0.030	0.76	1.5	38	8.1	3.7	100/Box	
JS2369	NA	JS3369	1/2	12.7	0.030	0.76	1.75	44	8.7	4.0	100/Box	
JS2379	JS4379	JS3379	1/2	12.7	0.030	0.76	2.0	50	9.4	4.3	100/Box	
JS2339	JS4339	JS3339	1/2	12.7	0.030	0.76	2.5	63	10.8	4.9	100/Box	
JS2309	NA	JS3309	1/2	12.7	0.030	0.76	2.75	69	11.3	5.1	100/Box	
JS2349	JS4349	JS3349	1/2	12.7	0.030	0.76	3.0	76	12.2	5.5	100/Box	
JS2479	JS4479	JS3479	1/2	12.7	0.030	0.76	3.5	88	13.6	6.2	100/Box	
JS2499	JS4499	JS3499	1/2	12.7	0.030	0.76	4.0	101	14.9	6.8	100/Box	
JS2059	JS4059	JS3059	5/8	15.8	0.030	0.76	1.5	38	10.4	4.7	100/Box	
JS2069	JS4069	JS3069	5/8	15.8	0.030	0.76	1.75	44	11.3	5.1	100/Box	
JS2079	JS4079	JS3079	5/8	15.8	0.030	0.76	2.0	50	12.2	5.5	100/Box	
JS2089	JS4089	JS3089	5/8	15.8	0.030	0.76	2.25	57	13.3	6.0	100/Box	
JS2099	JS4099	JS3099	5/8	15.8	0.030	0.76	2.5	63	13.9	6.3	100/Box	
JS2279	JS4279	JS3279	3/4	19.1	0.030	0.76	2.0	50	14.9	6.8	100/Box	
JS2109	JS4109	JS3109	3/4	19.1	0.030	0.76	2.75	69	9.2	4.2	50/Box	
JS2119	JS4119	JS3119	3/4	19.1	0.030	0.76	3.0	76	9.7	4.4	50/Box	
JS2129	JS4129	JS3129	3/4	19.1	0.030	0.76	3.5	88	10.8	4.9	50/Box	
JS2139	JS4139	JS3139	3/4	19.1	0.030	0.76	4.0	101	6.1	2.8	25/Box	
JS2149	JS4149	JS3149	3/4	19.1	0.030	0.76	4.5	114	6.7	3.0	25/Box	
JS2159	JS4159	JS3159	3/4	19.1	0.030	0.76	5.0	127	7.2	3.3	25/Box	
JS2709	JS4709	JS3709	3/4	19.1	0.030	0.76	5.25	133	7.3	3.3	25/Box	
JS2169	JS4169	JS3169	3/4	19.1	0.030	0.76	6.0	152	8.2	3.7	25/Box	
JS2179	NA	JS3179	3/4	19.1	0.030	0.76	6.5	165	9.2	4.2	25/Box	
JS2189	NA	JS3189	3/4	19.1	0.030	0.76	7.0	177	10.2	4.6	25/Box	
JS2199	NA	JS3199	3/4	19.1	0.030	0.76	8.0	203	11.0	5.0	25/Box	

** BAND-IT reserves the right to substitute material with equal or better corrosion resistance and/or mechanical specifications*
*** Junior® Adaptors, either J00169 or J05069, must be used with C00169*

Center Punch Clamps

Preformed Clamping Systems

Designed to meet your specific application requirement.

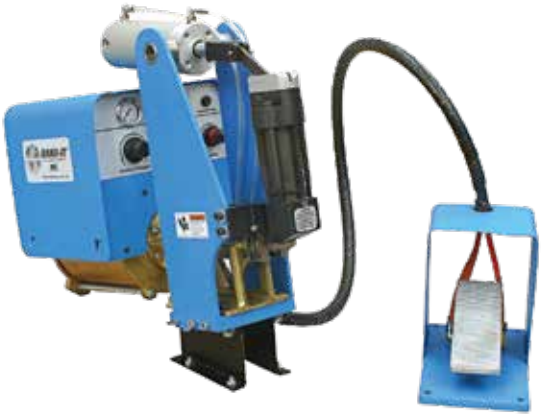
- Lock with impact from a hammer using a conical punch designed into the tool
- Double wrapped steel bands using 201 Stainless Steel or galvanized carbon steel
- Manufactured with 201 Stainless Steel buckles to provide added locking strength
- Not recommended for use with fittings that may crack as a result of impact or poly fittings
- Install 3/8" and 5/8" width Center Punch clamping systems with the following hand tools: S03869, T30069. The SM1700 Pneumatic Production Tool installs 5/8" clamps without the typical roll up action

SM1700 Pneumatic Automatic Center Punch Clamp Air Tool

Designed to install BAND-IT® Center Punch 5/8" wide preformed clamps, made from 201 Stainless Steel and Galvanized Carbon Steel. Automatically tensions and cuts off clamp tail.

Use with

BAND-IT® Center Punch Preformed Clamps



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Center Punch Clamps

Preformed Clamping Systems

201 SS* Part No.	GCS* Part No.	Width In	Width mm	Thickness In	Thickness mm	Inside Diameter In	Inside Diameter mm	Package Weight Lbs	Package Weight Kg	Package Quantity	Application Tools
Center Punch Clamp 0.025" Thickness											
CP3S99	CP0399	3/8	9.6	0.025	0.64	.8125	20	3.6	1.6	100/Box	S03869 T30069
CP311S	CP3119	3/8	9.6	0.025	0.64	1.375	35	4.6	2.1	100/Box	
CP4S99	CP0499	5/8	15.8	0.025	0.64	1	25	8.3	3.8	100/Box	S03869 T30069 SM1700
CP5S99	CP0599	5/8	15.8	0.025	0.64	1.25	32	8.7	4.0	100/Box	
CP6S99	CP0699	5/8	15.8	0.025	0.64	1.5	38	9.7	4.4	100/Box	
CP7S99	CP0799	5/8	15.8	0.025	0.64	1.75	44	10.6	4.8	100/Box	
CP8S99	CP0899	5/8	15.8	0.025	0.64	2	51	11.5	5.2	100/Box	
CP9S99	CP0999	5/8	15.8	0.025	0.64	2.25	57	12.6	5.7	100/Box	
CP10S9	CP1099	5/8	15.8	0.025	0.64	2.5	64	6.8	3.1	50/Box	
CP11S9	CP1199	5/8	15.8	0.025	0.64	2.75	70	7.3	3.3	50/Box	
CP12S9	CP1299	5/8	15.8	0.025	0.64	3	76	7.7	3.5	50/Box	
CP14S9	CP1499	5/8	15.8	0.025	0.64	3.5	89	8.7	4.0	50/Box	
CP16S9	CP1699	5/8	15.8	0.025	0.64	4	102	4.9	2.2	25/Box	
CP18S9	CP1899	5/8	15.8	0.025	0.64	4.5	114	5.5	2.5	25/Box	
CP20S9	CP2099	5/8	15.8	0.025	0.64	5	127	5.9	2.7	25/Box	
CP24S9	CP2499	5/8	15.8	0.025	0.64	6	152	6.8	3.1	25/Box	
CP26S9	CP2699	5/8	15.8	0.025	0.64	6.5	165	7.1	3.3	25/Box	
CP28S9	CP2899	5/8	15.8	0.025	0.64	7	178	7.4	3.4	25/Box	
CP32S9	CP3299	5/8	15.8	0.025	0.64	8	203	8.2	3.7	25/Box	
Center Punch Clamp 0.030" Thickness											
	PB0699	5/8	15.8	0.030	0.76	1.5	38	9.7	4.4	100/Box	
	PB0799	5/8	15.8	0.030	0.76	1.75	44	10.6	4.8	100/Box	
	PB0899	5/8	15.8	0.030	0.76	2	51	11.5	5.2	100/Box	
	PB0999	5/8	15.8	0.030	0.76	2.25	57	12.6	5.7	100/Box	
	PB1099	5/8	15.8	0.030	0.76	2.5	64	6.8	3.1	50/Box	
	PB1199	5/8	15.8	0.030	0.76	2.75	70	7.3	3.3	50/Box	
	PB1299	5/8	15.8	0.030	0.76	3	76	7.7	3.5	50/Box	
	PB1499	5/8	15.8	0.030	0.76	3.5	89	8.7	4.0	50/Box	
	PB1699	5/8	15.8	0.030	0.76	4	102	4.9	2.2	25/Box	
	PB1899	5/8	15.8	0.030	0.76	4.5	114	5.5	2.5	25/Box	
	PB2099	5/8	15.8	0.030	0.76	5	127	5.9	2.7	25/Box	
	PB2499	5/8	15.8	0.030	0.76	6	152	6.8	3.1	25/Box	
	PB2699	5/8	15.8	0.030	0.76	6.5	165	7.1	3.3	25/Box	
	PB2899	5/8	15.8	0.030	0.76	7	178	7.4	3.4	25/Box	
	PB3299	5/8	15.8	0.030	0.76	8	203	8.2	3.7	25/Box	

* BAND-IT reserves the right to substitute material with equal or better corrosion resistance and/or mechanical specifications

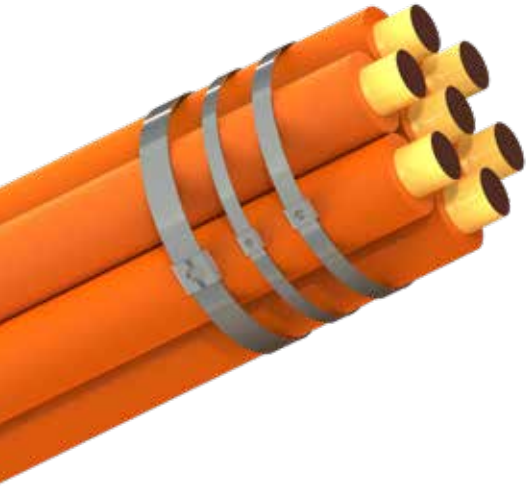
T30069 Center Punch Tool

Used to apply BAND-IT® 3/8" and 5/8" Center Punch and Galvanized Carbon Steel preformed clamps.

S03869 Center Punch Tool

Versatile ratchet tool applies 3/8" and 5/8" Center Punch Clamps.

Tie-Lok® Ties



BAND-IT® Tie-Lok® ties offer a unique dimple lock with a smooth ID and a low profile.

Provides fast, consistent and reliable clamping tension. Used in many industries such as automotive, cable bundling and identification.

- Strong patented dimple lock
- Locks under full tension - no slipback
  Three Widths: 0.177 (4.49mm), 0.25" (6.35mm) and 0.325" (9.6mm)
- Available in type 304 and type 316 Stainless Steel to provide good resistance to mild atmosphere, fresh water, UV rays and extreme environments
- 316 Stainless Steel for extreme environments
- Forms a low profile single wrapped assembly to secure cables, hoses, I.D. Tags, CV Boots, filter bags

Part No.	Material	Width		Length		Thickness		Maximum Diameter Single Wrap		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Application Tools
		In	mm	In	mm	In	mm	In	mm			
Tie-Lok® Tie												
AS2119	304 SS	0.25	6.4	10.0	254	0.015	0.38	2	51	250	100/Bag	A92079 IT1000
AS2129	304 SS	0.25	6.4	16.5	419	0.015	0.38	4	101	250	100/Bag	
AS2139	304 SS	0.25	6.4	22.5	572	0.015	0.38	6	152	250	100/Bag	
AS2149	304 SS	0.25	6.4	29.0	737	0.015	0.38	8	203	250	100/Bag	
AS2159	304 SS	0.25	6.4	35.0	889	0.015	0.38	10	254	250	100/Bag	
AS4119	316 SS	0.25	6.4	10.0	254	0.015	0.38	2	51	250	100/Bag	
AS4129	316 SS	0.25	6.4	16.5	419	0.015	0.38	4	101	250	100/Bag	
AS4139	316 SS	0.25	6.4	22.5	572	0.015	0.38	6	152	250	100/Bag	
AS4149	316 SS	0.25	6.4	29.0	737	0.015	0.38	8	203	250	100/Bag	
AS4159	316 SS	0.25	6.4	35.0	889	0.015	0.38	10	254	250	100/Bag	
AS6219	304 SS	0.375	9.6	7.2	184	0.020	0.51	1.5	40	350	100/Bag	IT6000 TL3800
AS6229	304 SS	0.375	9.6	10.0	254	0.020	0.51	2	51	350	100/Bag	
AS6239	304 SS	0.375	9.6	16.0	406	0.020	0.51	4	101	350	100/Bag	
AS6249	304 SS	0.375	9.6	22.5	572	0.020	0.51	6	152	350	100/Bag	
AS6259	304 SS	0.375	9.6	29.0	737	0.020	0.51	8	203	350	100/Bag	

* TL3800 to be used with 3/8" only.

Part No.	Material	Width		Length		Thickness		Maximum Diameter Single Wrap		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Application Tools
		In	mm	In	mm	In	mm	In	mm			
Mini Tie-Lok® Tie												
AS2219	304 SS	0.177	4.5	7	165	0.015	0.38	1	25	100	100/Bag	A91079 IT0750
AS2229	304 SS	0.177	4.5	10	254	0.015	0.38	2	51	100	100/Bag	
AS2239	304 SS	0.177	4.5	16	406	0.015	0.38	4	102	100	100/Bag	
AS2249	304 SS	0.177	4.5	22.5	572	0.015	0.38	6	152	100	100/Bag	
AS2259	304 SS	0.177	4.5	29	737	0.015	0.38	8	203	100	100/Bag	
AS4219	316 SS	0.177	4.5	7	165	0.015	0.38	1	25	100	100/Bag	
AS4229	316 SS	0.177	4.5	10	254	0.015	0.38	2	51	100	100/Bag	
AS4239	316 SS	0.177	4.5	16	406	0.015	0.38	4	102	100	100/Bag	
AS4249	316 SS	0.177	4.5	22.5	572	0.015	0.38	6	152	100	100/Bag	
AS4259	316 SS	0.177	4.5	29	737	0.015	0.38	8	203	100	100/Bag	

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Multi-Lok Ties

BAND-IT® Multi-Lok ties offer a high strength plus vibration resistant benefit. This product is a perfect choice for harsh duty or marine environments.

- Self-locking ties
- Two widths - 0.276" (7.01mm) and 0.472" (12.0mm)
- Coated with Nylon 11 or uncoated 316 SS styles available
- Fast, easy application
- Install by hand or with a variety of tools
- Unique high strength multiple locking system

Part No		Material	Width		Length		Thickness (Coated/Un-coated Coated)		Maximum Diameter Single Wrap		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Application Tools
			In	mm	In	mm	In	mm	In	mm			
Multi-Lok													
Coated	**Uncoated**												
AE6119	AE6019	316 SS	0.276	7.01	6.0	150	0.018 / 0.011	0.46 / 0.28	1.3	33	250	100/Bag	M50389 XE9229
AE6129	AE6029	316 SS	0.276	7.01	9.0	225	0.018 / 0.011	0.46 / 0.28	2.2	57	250	100/Bag	
AE6139	AE6039	316 SS	0.276	7.01	12.0	300	0.018 / 0.011	0.46 / 0.28	3.2	81	250	100/Bag	
AE6149	AE6049	316 SS	0.276	7.01	18.0	450	0.018 / 0.011	0.46 / 0.28	5.1	129	250	100/Bag	
AE6159	AE6059	316 SS	0.276	7.01	24.0	610	0.018 / 0.011	0.46 / 0.28	7.1	180	250	100/Bag	
AE7119*	AE7019*	316 SS	0.472	12.0	6.0	150	0.018 / 0.011	0.46 / 0.28	1.3	33	415	100/Bag	
AE7129*	AE7029	316 SS	0.472	12.0	9.0	225	0.018 / 0.011	0.46 / 0.28	2.2	57	415	100/Bag	
AE7139*	AE7039	316 SS	0.472	12.0	12.0	300	0.018 / 0.011	0.46 / 0.28	3.2	81	415	100/Bag	
AE7149*	AE7049	316 SS	0.472	12.0	18.0	450	0.018 / 0.011	0.46 / 0.28	5.1	129	415	100/Bag	
AE7159*	AE7059	316 SS	0.472	12.0	24.0	610	0.018 / 0.011	0.46 / 0.28	7.1	180	415	100/Bag	

Ultra-Lok® Ties

- Strongest Tie
- Smooth ID ties with low profile
- Stainless Steel tie with ULTRA-LOK® locking style
- Provides fast, reliable, consistent clamp
- Great for cable bundling

Part No.	Material	Width		Length		Thickness		Maximum Diameter Single Wrap		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Application Tools
		In	mm	In	mm	In	mm	In	mm			
ULTRA-LOK® Ties												
AU2029	201 SS	0.25	6.4	8	203	0.015	0.38	1.5	38	400	100/Bag	A94079
AU2039	201 SS	0.25	6.4	10	254	0.015	0.38	2.5	63	400	100/Bag	
AU2089	201 SS	0.25	6.4	24	610	0.015	0.38	7	177	400	100/Bag	

BALL-LOK TIES

Ball-Lok Ties are quick and easy to apply offering a versatile solution for heavy duty applications.

Ball-Lok Ties come with a heavy duty buckle that offers superior corrosive, abrasive and UV resistance performance that makes this product perfect for harsh duty or marine environments.

- Two widths – 0.18" (4.6mm) and 0.31" (7.9mm)
- Self locking design allows fast installation
- Install with tools to ensure uniform tension and clean tail cut-off for safe handling
- Available in Type 304 and Type 316 stainless steels to provide good to excellent corrosion resistance in a wide variety of environments
- Fully coated with black, halogen free epoxy
- This product line is also available with halogen free, low smoke black selectively coated Nylon 11 coating which reduces the risk of cutting or abrading cable insulation or hose coverings

Part Number		Width		Length		Base Material Thickness		Maximum Bundle Diameter		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Application Tools
		In	mm	In	mm	In	mm	In	mm			
Ball-Lok Ties												
304 SS Uncoated Material	**316 SS Uncoated Material**	***90 day lead time, expedited shipping available (US only)**										
KE1118*	KE0118	0.18	4.6	5.9	150	0.010	0.25	1.2	30	200	100/Bag	K50289 XE9229 or by hand
KE1128	KE0128	0.18	4.6	7.9	201	0.010	0.25	2.0	50	200	100/Bag	
KE1138	KE0138	0.18	4.6	10.2	259	0.010	0.25	2.7	69	200	100/Bag	
KE1148	KE0148	0.18	4.6	14.2	360	0.010	0.25	4.0	102	200	100/Bag	
KE1158*	KE0158	0.18	4.6	20.4	520	0.010	0.25	6.0	152	200	100/Bag	
KE1168*	KE0168	0.18	4.6	26.8	679	0.010	0.25	8.0	203	200	100/Bag	
KE1178*	KE0178*	0.18	4.6	33.0	838	0.010	0.25	10.0	254	200	100/Bag	
KE1188*	KE0188	0.18	4.6	42.0	1067	0.010	0.25	12.0	305	200	100/Bag	
KE1328	KE0328	0.31	7.9	7.9	201	0.010	0.25	2.0	50	300	100/Bag	
KE1338*	KE0338	0.31	7.9	10.2	259	0.010	0.25	2.7	69	300	100/Bag	
KE1348	KE0348	0.31	7.9	14.2	360	0.010	0.25	4.0	102	300	100/Bag	
KE1358	KE0358	0.31	7.9	20.4	520	0.010	0.25	6.0	152	300	100/Bag	
KE1368	KE0368*	0.31	7.9	26.8	679	0.010	0.25	8.0	203	300	100/Bag	
KE1378*	KE0378*	0.31	7.9	33.0	838	0.010	0.25	10.0	254	300	100/Bag	
KE1388*	KE0388	0.31	7.9	42.0	1067	0.010	0.25	12.0	305	300	100/Bag	
316 SS Coated Material (Epoxy)												
KE0228*		0.18	4.6	7.9	201	0.010	0.25	2.0	50	150	100/Bag	
KE0238*		0.18	4.6	10.2	259	0.010	0.25	2.7	69	150	100/Bag	
KE0248*		0.18	4.6	14.2	360	0.010	0.25	4.0	102	150	100/Bag	
KE0258*		0.18	4.6	20.4	520	0.010	0.25	6.0	152	150	100/Bag	
KE0268*		0.18	4.6	26.8	679	0.010	0.25	8.0	203	150	100/Bag	
KE0278*		0.18	4.6	33.0	838	0.010	0.25	10.0	254	150	100/Bag	
KE0428*		0.31	7.9	7.9	201	0.010	0.25	2.0	50	175	100/Bag	
KE0438*		0.31	7.9	10.2	259	0.010	0.25	2.7	69	175	100/Bag	
KE0448*		0.31	7.9	14.2	360	0.010	0.25	4.0	102	175	100/Bag	
KE0458*		0.31	7.9	20.4	520	0.010	0.25	6.0	152	175	100/Bag	
KE0468*		0.31	7.9	26.8	679	0.010	0.25	8.0	203	175	100/Bag	
KE0478*		0.31	7.9	33.0	838	0.010	0.25	10.0	254	175	100/Bag	

304 316

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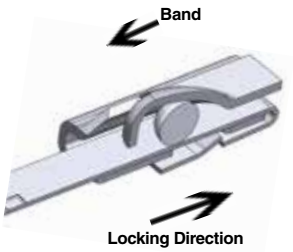
BALL-LOKT™ TIES



Ball-Lokt™ Ties unique buckle design is the globally accepted industry standard.

- Four widths – 0.18" (4.6mm), 0.31" (7.9mm), 0.47" (12mm), and 0.59" (15mm) for applications ranging from identification tagging to bundling large cables
- Self locking design allows fast installation
- Installation with hand tool to assure uniform tension and clean tail cut-off for safe handling
- Available in Type 304 and Type 316 stainless steels to provide good to excellent corrosion resistance in a wide variety of environments
- Coated Ball-Lokt™ Ties are fully coated with black epoxy

Part Number		Material	Width		Length		Base Material Thickness		Maximum Diameter Single Wrap		Minimum Loop Tensile Strength lbs	Package Quantity	Application Tools
			In	mm	In	mm	In	mm	In	mm			
Ball-Lok™ Ties													
Coated	**Uncoated**												
	KT4U046-0200*	304 SS	0.18	4.6	7.9	200	0.010	0.25	2.0	52	100	100	K50289 XE9229 or by hand
	KT4U046-0250*	304 SS	0.18	4.6	9.8	250	0.010	0.25	2.7	67	100	100	
	KT4U046-0350*	304 SS	0.18	4.6	13.8	350	0.010	0.25	3.9	99	100	100	
	KT4U046-0500*	304 SS	0.18	4.6	19.7	500	0.010	0.25	5.8	147	100	100	
KT6B046-0200*	KT6U046-0200*	316 SS	0.18	4.6	7.9	200	0.010	0.25	2.0	52	100	100	
KT6B046-0250*	KT6U046-0250	316 SS	0.18	4.6	9.8	250	0.010	0.25	2.7	37	100	100	
KT6B046-0350	KT6U046-0350	316 SS	0.18	4.6	13.8	350	0.010	0.25	3.9	99	100	100	
KT6B046-0500*	KT6U046-0500*	316 SS	0.18	4.6	19.7	500	0.010	0.25	5.8	147	100	100	
	KT4U078-0200*	304 SS	0.31	7.9	7.9	200	0.010	0.25	2.0	52	175	100	
	KT4U078-0250	304 SS	0.31	7.9	9.8	250	0.010	0.25	2.7	67	175	100	
	KT4U078-0350	304 SS	0.31	7.9	13.8	350	0.010	0.25	3.9	99	175	100	
	KT4U078-0500*	304 SS	0.31	7.9	19.7	500	0.010	0.25	5.8	147	175	100	
	KT4U078-0600*	304 SS	0.31	7.9	23.6	600	0.010	0.25	7.0	179	175	100	
KT6B078-0200*	KT6U078-0200*	316 SS	0.31	7.9	7.9	200	0.010	0.25	2.0	52	175	100	
KT6B078-0250*	KT6U078-0250*	316 SS	0.31	7.9	9.8	250	0.010	0.25	2.7	67	175	100	
KT6B078-0350	KT6U078-0350*	316 SS	0.31	7.9	13.8	350	0.010	0.25	3.9	99	175	100	
KT6B078-0500*	KT6U078-0500	316 SS	0.31	7.9	19.7	500	0.010	0.25	5.8	147	175	100	
KT6B078-0600*	KT6U078-0600*	316 SS	0.31	7.9	23.6	600	0.010	0.25	7.0	179	175	100	
KT6B120-0450*	KT6U120-0450*	316 SS	0.47	12	17.7	450	0.014	0.35	5.2	131	250	100	
KT6B120-0550*	KT6U120-0550*	316 SS	0.47	12	21.7	500	0.014	0.35	6.4	163	250	100	
KT6B120-0600*	KT6U120-0600*	316 SS	0.47	12	23.6	600	0.014	0.35	7.0	179	250	100	
KT6B150-0500	KT6U150-0500*	316 SS	0.59	15	19.7	500	0.014	0.35	5.8	147	325	50	
KT6B150-0600*	KT6U150-0600	316 SS	0.59	15	23.6	600	0.014	0.35	7.0	179	325	50	
KT6B150-0700*	KT6U150-0700*	316 SS	0.59	15	27.6	700	0.014	0.35	8.3	211	325	50	
KT6B150-0750	KT6U150-0750	316 SS	0.59	15	29.5	750	0.014	0.35	9.6	243	325	50	
KT6B150-0900*	KT6U150-0900*	316 SS	0.59	15	35.4	900	0.014	0.35	10.8	274	325	50	
KT6B150-1100*	KT6U150-1100*	316 SS	0.59	15	43.3	1100	0.014	0.35	13.3	338.2	325	50	

304 316

BAND-IT® Reusable AE Ties

- Constructed of 316 Stainless Steel with PPA 571 coating
- PPA 571 is resistant to stress cracking, adverse weather conditions, detergents, salt spray and typical airborne pollutants
- One-piece construction with unique buckle designs capable of double wrapping for special strength requirements and reliable installation

Coated Part No	Material*	Width		Length		Thickness Coated		Maximum Diameter Single Wrap		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Application Tools
		In	mm	In	mm	In	mm	In	mm			
BAND-IT AE Ties												
AE1118	316 SS	1/4	6.4	6	152	0.045	1.1	1.5	38	75/300**	100/Bag	AE2009 C07569 or by hand
AE1128	316 SS	1/4	6.4	9	229	0.045	1.1	2.5	63	75/300**	100/Bag	
AE1138	316 SS	1/4	6.4	12	305	0.045	1.1	3.4	86	75/300**	100/Bag	
AE1148	316 SS	1/4	6.4	18	457	0.045	1.1	5.4	137	75/300**	100/Bag	
AE1158	316 SS	1/4	6.4	24	610	0.045	1.1	7.3	185	75/300**	100/Bag	
AE3138	316 SS	3/8	9.6	12	305	0.045	1.1	3.4	86	100/500**	100/Bag	
AE3148	316 SS	3/8	9.6	18	457	0.045	1.1	5.4	137	100/500**	100/Bag	
AE3158*	316 SS	3/8	9.6	24	610	0.045	1.1	7.3	185	100/500**	100/Bag	
AE3178*	316 SS	3/8	9.6	36	914	0.045	1.1	11	280	100/500**	100/Bag	

*Material thickness includes coating
**Single / Double Wrapped

AE Ties

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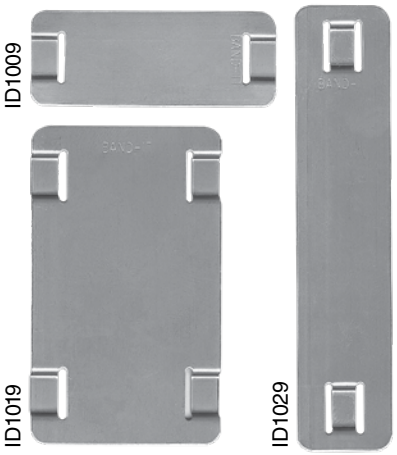
Stainless Steel Cable Ties

AVAILABLE WIDTHS	TIE-LOK		BALL-LOK UCTD		BALL-LOK CTD		MULTI-LOK UCTD		MULTI-LOK CTD		BAND-IT TIE CTD		BAND-FAST CLAMP	
	.177 .25 In	4.5 6.35 mm	.18 .03 In	4.6 7.9 mm	.18 .03 In	4.6 7.9 mm	.27 .47 In	7 12 mm	.27 .47 In	7 12 mm	.25 .375 In	6.35 9.53 mm	.375 .5 .62 .75 In	9.53 12.7 15.88 19.05 mm
Quick Reference of Product Features														
304 S/S (for general corrosion resistance)	●	●	●	●										
316 S/S (for general corrosion resistance)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Uncoated	●	●	●	●			●	●					●	●
Epoxy Coated					●	●								
Nylon 11 Coated									●	●				
PPA 571											●	●	●	●
Black Color					●	●			●	●	●	●	●	●
Self Locking			●	●	●	●	●	●	●	●				
Releasable / Reusable											●	●		

Identification Systems

Print your own tags on 304 or 316 stainless steel and apply with Tie-Lok® Ties. ID tag imprinter is available with a choice of character sizes. Imprinter with character wheel weighs 29.5 lbs (13.4kg).



Tags

Part No.	Material	Height in	Height mm	Length in	Length mm	Thickness in	Thickness mm	Package Weight Lbs	Package Weight Kg	Package Quantity
ID Tags										
ID1009	304 SS	.75	19	2.0	50.8	.015	.38	.5	.2	100/Box
ID1019	304 SS	1.5	38.1	2.5	63.5	.015	.38	1.2	.6	100/Box
ID1029	304 SS	.75	19	3.5	88.9	.015	.38	.8	.4	100/Box
ID4409	316 SS	.75	19	2.0	50.8	.015	.38	.5	.2	100/Box
ID4419	316 SS	1.5	38.1	2.5	63.5	.015	.38	.8	.4	100/Box
ID4429	316 SS	.75	19	3.5	88.9	.015	.38	1.2	.6	100/Box

ID Tag Imprinter Tool

Stainless Steel Tagging System

ID Tag Imprinter Tool

Part No.	Tool supplied with:
ID2006	3/32" character wheel

Optional Letter Dial Kits

Part No.	Kit supplied with:
ID2816	1/16" character wheel

ID3009 ID Kit

Identification Kit

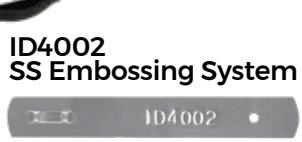
The BAND-IT ID Kit comes with an assortment of blank ID tags to use with the ID Tagging Systems. Includes various Tie-Lok Ties and Tie-Lok tool to fasten tags to items. Total weight is 22.7 lbs, 10.3 Kg. Kit Contains: 1-A92079, 2-ID1029, 1-ID1019, 1-ID1009, 1-AS2119, 2-AS2129, 1-AS2139

Stainless Steel Tape Embossing System

With the portable tape embossing tool and a roll of 304 stainless steel tape, you can quickly and easily produce I.D. tags with 3/16" letter size which can be attached with your choice of 1/4" BAND-IT® ties.

Replacement Rolls: ID4059 - 1/2" X 21' - 2 pack.

ID4002
SS Embossing System



Part No.	Description	Package Weight Lbs	Package Weight Kg	Package Quantity
Embossing System				
ID4002	SS Tape Embossing Tool Includes 2 rolls of SS tape.	2.6	1.2	each
ID4059	304 SS Tape Roll for Embossing Tool, 1/2" x 21' x .005"	0.2	0.4	each

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Easy Read Identification

AE0609-100
Easy Read Kit

The kit comes in a convenient carrying case weighing 19.5 lbs and contains 100 of each character and carriers.

EASY READ characters slide onto any 1/4" - 3/8" tie.

- BAND-IT EASY READ letters, numbers and are symbols made from type 316 SS
- Slide directly onto Easy Carriers or cable ties to create a self-contained wrap tag
- Easy to read in dim light and inaccessible places
- Characters sold individually in bags of 100 pcs

Easy Read Characters

Part No.	Description	Package Weight Lbs	Package Weight Kg	Package Quantity
Easy Read Characters				
AE0109	EASY A	0.3	0.2	100/Bag
AE0119	EASY B	0.3	0.2	100/Bag
AE0129	EASY C	0.3	0.2	100/Bag
AE0139	EASY D	0.3	0.2	100/Bag
AE0149	EASY E	0.3	0.2	100/Bag
AE0159	EASY F	0.3	0.2	100/Bag
AE0169	EASY G	0.3	0.2	100/Bag
AE0179	EASY H	0.3	0.2	100/Bag
AE0189	EASY I, 1	0.3	0.2	100/Bag
AE0199	EASY J	0.3	0.2	100/Bag
AE0209	EASY K	0.3	0.2	100/Bag
AE0219	EASY L, 7	0.3	0.2	100/Bag
AE0229	EASY M, W	0.3	0.2	100/Bag
AE0239	EASY N	0.3	0.2	100/Bag
AE0249	EASY O	0.3	0.2	100/Bag
AE0259	EASY P	0.3	0.2	100/Bag
AE0269	EASY Q	0.3	0.2	100/Bag
AE0279	EASY R	0.3	0.2	100/Bag
AE0289	EASY S	0.3	0.2	100/Bag
AE0299	EASY T	0.3	0.2	100/Bag
AE0309	EASY U	0.3	0.2	100/Bag
AE0319	EASY V	0.3	0.2	100/Bag
AE0329	EASY X	0.3	0.2	100/Bag
AE0339	EASY Y	0.3	0.2	100/Bag
AE0349	EASY Z	0.3	0.2	100/Bag
AE0379	EASY 2	0.3	0.2	100/Bag
AE0389	EASY 3	0.3	0.2	100/Bag
AE0399	EASY 4	0.3	0.2	100/Bag
AE0409	EASY 5	0.3	0.2	100/Bag
AE0419	EASY 6, 9	0.3	0.2	100/Bag
AE0429	EASY 8	0.3	0.2	100/Bag
AE0359	EASY Minus/Hyphen	0.3	0.2	100/Bag
AE0369	EASY Blank	0.3	0.2	100/Bag
AE0469	EASY Plus +	0.3	0.2	100/Bag
AE0479	EASY Earth	0.3	0.2	100/Bag
AE0489	EASY Sine ~	0.3	0.2	100/Bag
AE0499	EASY Slash /	0.3	0.2	100/Bag

Apply EASY READ Characters with these 1/4" - 3/8" products:

- Carriers
- Coated BAND-IT® Ties
- Coated Ball-Lok Ties
- Coated Ball-LoktTM Ties
- Coated Multi-Lok Ties

Easy Read on Carriers

Easy Read on Ties

Easy Carriers

Part No.	Description	Width in	Width mm	Length in	Length mm	Package Weight Lbs	Package Weight Kg	Package Quantity
Easy Carriers								
AE0449	EASY Carrier 10	0.3	10	5.1	131	1.3	0.6	100/Bag
AE0459	EASY Carrier 16	0.3	10	7.3	188	1.5	0.7	

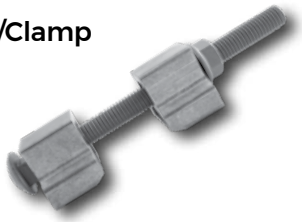
Easy Carriers are available in black Nylon 11 coated Stainless Steel only.

Mounting Hardware

Engineered to achieve a strong and secure grip on all components, provides superior corrosion resistance, and will sustain the hold in high vibration environments while keeping the support system compact.

- Specially designed reinforced SIGNFIX® Channel extrusions
- Convenient attachement methods
- Hex head bolts with metal and fiber washer, no nuts required
- Applied with BAND-IT® banding products
- Banding size may vary depending on application. Please contact your BAND-IT® representative for further details

Bolt/Clamp



Mounting Bracket

Mount Plate

Mount Plate - Narrow Back

Part No.	Material	Description	Package Quantity	Package Weight Lbs	Package Weight Kg
Bolt / Clamp					
D50089	Aluminum*	Bolt/clamp. Use with maximum 3/4" width band.	50/Box	23.7	10.8
D50489	Aluminum*	Bolt/clamp. Use with maximum 1-1/4" width band.	25/Box	33.0	15.0
Mounting Bracket					
D51089	Aluminum	1-1/2" (38.1 mm) x 4-3/4" (120.7 mm) with a 2" long 5/8" plated bolt.	25/Box	14.9	6.8
D51289	Aluminum	1-1/2" (38.1 mm) x 5-1/4" (133.3 mm) with a 2" long 5/8" plated bolt.	25/Box	21.0	9.5
D51389	Aluminum	1-1/2" (38.1 mm) x 5-1/4" (133.3 mm) with a 3" long 5/8" plated bolt.	25/Box	21.0	9.5
Mount Plate					
D04099	Aluminum	Mount Plate, 1-1/2" NPT	25/Box	19.4	8.8
*Bolt is a plated carriage bolt					

Mounting Bracket Slots: accepts a double wrap of .044" x 1-1/4" BAND-IT Band.

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Mounting Brackets

Used to mount traffic signs, security devices, and enclosures. Designed to withstand wind vibration with reinforced ribs, and applied with BAND-IT® Band and Buckles, VALU-STRAP™ , VALU-STRAP PLUSTM, BANDFAST®, or the ULTRA-LOK® Systems.

Part No.	Material	Description	Package Quantity	Package Weight	
				Lbs	Kg
Mounting Brackets					
D00189	200/300SS	Single bolt straight leg, bracket with 304SS bolt, washer and fiber washer. 3/4" slot.	50/Box	7.0	3.2
D00299	200/300SS	5/6"-18x3/4" hex head SS Bolt, SS washer and fiber washer.	50/Box	1.3	0.6
D00499	200/300SS	Single bolt straight leg, bracket only. 3/4" slot.	50/Box	5.6	2.6
D00799	200/300SS	L-Mount, right angle bracket	50/Box	4.4	2.0
D00889	200/300SS	2 bolt straight leg, bracket with SS washer and fiber washer. 3/4" slot.	50/Box	9.2	4.2
D00999	200/300SS	2 bolt straight leg, bracket only 3/4" slot.	50/Box	7.1	3.2
D02189	200/300SS	Single bolt flared leg, bracket with SS bolt, SS washer and fiber washer. 3/4" slot.	50/Box	7.0	3.2
D02299	200/300SS	Single bolt flared leg, bracket only. 3/4" slot.	50/Box	5.5	2.5
D30288	200/300SS	5/16"-24 x 1/2" Hex Head SS bolt, washer and fiber washer.	50/Box	1.0	0.5
D31099	200/300SS	Flared leg mini-bracket with 304SS bolt and fiber washer. 1/2" slot.	50/Box	3.0	1.3
D31599	200/300SS	Straight leg mini-bracket with 304SS bolt and fiber washer. 1/2" slot.	50/Box	3.0	1.3

D31099 Flared Leg Mini-Brack-It

D31599 Straight Leg Mini-Brack-It

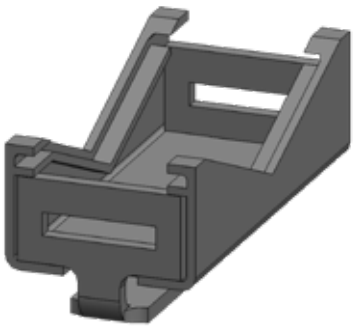
D02189 Single Bolt Flared Leg

D00189 Single Bolt Straight Leg

D00889 2 Bolt Straight Leg

D00799 L-Mount Right Angle Brack-It

SIGNFIX®



SX0220-100
Universal Channel Clamp

SIGNFIX® Modular Sign Support Systems

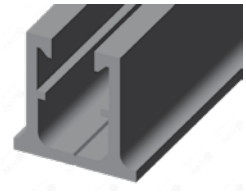
SIGNFIX® is recognized by sign fabricators as a quicker, easier and cost effective method to mount all sizes of signs to any size or shape of pole.

Universal Channel Clamp

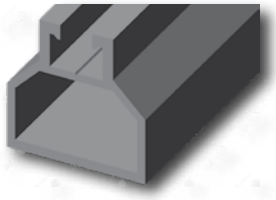
- Compatible with all SIGNFIX® Channel Extrusions
- During installation, the assembly becomes fully adjustable to any size or style sign post when used with BAND-IT® Band and Buckle or Ultra-Lok® Free End System
- Package Quantity 100
- Accepts up to 3/4" band double wrapped

Support Channel Extrusions

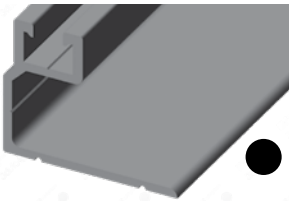
For mounting and stiffening any size sign. SIGNFIX® Channel Extrusions have identical configurations allowing the use of all SIGNFIX® hardware with any extrusion.



SX0073-20 Medium
Channel Extrusion



SX0130-6 Large
Channel Extrusion



SX0090-8 Large Corner Angle
Channel Extrusion

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Adjustable Clamping Systems

Scru-Band Rack and Housing

Scru-Band Clamping Systems

BAND-IT Scru-Seal Kit uses a rack and pinion system allowing the user to make a clamp in any size. Kit offers complete flexibility for use in almost any application. Form clamps of any diameter from continuous roll of band and tension using only a screwdriver.

Part No.	Material	Description	Package Weight lbs	Package Weight Kg	Package Quantity	Application Tools
Scru-Band Clamping System						
M15199	SS	Scru-Band, 430SS 3/8" x .025" x 100'	3.4	1.6	100'/roll	
M15099	SS	Scru-Band Housing and Screw	2.7	1.2	100/box	

Designed for light duty applications.

Scru-Seal Clamping Systems

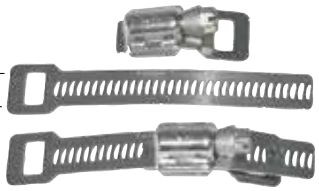
A rack and pinion system used with band to create any size clamp.
Components separately packaged for flexibility.

Part No.	Material	Description	Package Weight lbs	Package Weight Kg	Package Quantity	Application Tools
Scru-Seal Clamping System						
M21199	SS	10 Scru-Seal racks and 10 Housings	0.7	0.3	10/box	Flat Head Screwdriver
C13399	SS	VALU-STRAP™ Band, 3/8" x 0.015" x 100'	2.2	1.0	100'/roll	
C13499	SS	VALU-STRAP™ Band, 1/2" x 0.015" x 100'	2.9	1.3	100'/roll	
M21199-25	SS	25 Scru-Seal racks and 25 Housings	1.7	0.7	25/box	5/16" Nut Driver
M21199-100	SS	100 Scru-Seal racks and 100 Housings	7.0	3.1	100/box	
Kits - Everything you need in a single package						
M21099	SS	Scru-Seal Kit includes: 25 Scru-Seal racks, 25 housings, VALU-STRAP™ Band 3/8" x 0.015" x 100'	4.3	1.9	each	Flat Head Screwdriver
M21899	SS	Each Clamp Pak includes: 3 Scru-Seal racks, 3 housings, VALU-STRAP™ Band 3/8" x 0.015" x 10'	5.0	2.3	10 paks/ box	5/16" Nut Driver

Designed for light duty applications.

Scru-Seal Kit with VALU-STRAP™
M21099

Clamp-Pak
M21899



Scru-Seal Rack & Housing

HAND TOOLS

C00169 Standard Banding Tool

Use with

- *Band & Buckle*
- *BAND-FAST®*

BAND-IT's standard tool for use on band widths of 1/4" to 3/4" (.015" - .030" thickness).

Replacement Parts:

- C02499 - Kit, Gripper, Gripper Spring, Groove Lock Pin, Slide Block, and Tension Screw
- C05887 - Kit, Cutter Bar Assembly
- C00689 - Kit, Tension Handle, Bearing and Screw

Junior Adapters Below

J05069 Junior® Heavy Duty Adapter

Use with

- *BAND-IT® Tool on the BAND-IT® Junior® Smooth ID Preformed Clamps*

Used only with the C00169 BAND-IT® Tool to install Junior® Smooth I.D. Preformed Clamps for hose assembly when a vise in not available.

Replacement Parts:

- J00587 - Shear Hook
- J93099 - Junior® Lock Universal Cutter Blade Kit

J00169 Junior® Clamp Adapter

Use with

- *BAND-IT® Tool on the BAND-IT® Junior® Smooth ID Preformed Clamps*

Replacement Parts:

- J00587 - Shear Hook
- J93099 - Junior® Lock Universal Cutter Blade Kit

C00269 Junior® Preformed Clamp Tool

Use with

- *BAND-IT® Junior® Smooth ID Preformed Clamps*

Use to apply Junior® Preformed clamps and BAND-IT® Junior® Smooth ID Clamps. Tool performs best when used in a vice on band widths over 1/2".

Replacement Parts:

- C00689 - Tension Handle and Screw Kit
- C01899 - Gripper Assembly Kit
- J01499 - Handle Assembly Jr. Adapter
- J93099 - Cutter Blade Kit

C00369 Heavy Duty Banding Tool

Use with

- *BAND-FAST® & Roll Band*

The C00369 is a heavy duty version of the C00169 tool. Primarily designed for thicker materials and is not recommended for band thickness 0.015" or 0.020". This tool can be used for 0.044" X ¾" wide Giant Band. Tool will tension beyond the limits of the 3300 lbs of force to yield ¾" wide 201SS Giant Band.
Replacement Parts:

- C04799 - Spin Grip, External Retaining Ring, Tension Handle Bushing, Tension Handle, Set Screw, and Thrust Bearing
- C06799 - Tension Screw 5/8", Eccentric Lever Pivot Pin, Gripper Spring, Band Gripper, and Slide Block
- C05887 - Cutter Bar Handle, Vinyl Grip, Set Screw, and Cutter Bar

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HAND TOOLS

G40269 Giant Banding Tool

Use with

- *BAND-FAST® & Roll Band*

The G40269 is the strongest BAND-IT hand tool. This tool is designed for use with ¾", 1", 1-¼" width X .044" thick Giant Band & Buckle. Tool will tension beyond the limits of the 5500 lbs of force to yield 201 Stainless Steel Giant Band material.

Replacement Parts:

- G42487 - Slide Block Assembly
- G42087 - Tension Handle Assembly
- G42287 - Cutter Bar Assembly

T30069 Center Punch Tool

Used to apply BAND-IT® 3/8" and 5/8" Center Punch Clamps, 201 Stainless Steel Band and Galvanized Carbon Steel Clamps.

Replacement Parts:

- T28088 - Head Assembly
- T28888 - Nose and Slide Assembly
- T32190 - Punch Kit
- T32290 - Gripper Kit

S03869 Center Punch Tool

Easy to use ratchet drive can be switched to use either the 3/8" wide or 5/8" wide slots of this pocket style tool.

C08569 Bantam Strapping Tool

The C08569 Bantam Strapping Tool is a light duty ratchet tool designed for palletizing and packaging. Similar to the C07569.

For use on max 0.025" (0.63mm) steel thickness.

C40099 Rachet Tool

The C40099 Rachet Tool is a ratchet tool designed for the band and buckle systems excelling in palletizing and general banding. This tool works best on coated or painted band because of its gripping mechanism.

J02069 Pok-It II Tool with Cutter

The J02069 Pok-It II Tool with Cutter has a compact design and ease of use to install 3/16" – 3/8" band and buckle and BAND-IT Jr. clamps. The ratchet design enables a quick strong tensioning for narrow band clamps.

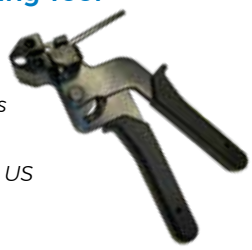
HAND TOOLS

XE9229 Tensioning Tool

Use with

- *Ball-Lok Ties*
- *Ball-LoktTM Ties*
- *Multi-Lok Ties*

KE9229 outside the US



Tensions and cuts off Ball-Lok, Ball-Lokt™ and Multi-Lok ties up to 12mm wide regardless of material or coating.

C07569 Bantam Tool

Use with

- *BAND-IT Ties*
- *PPA Coated Band*
- *Valustrap*
- *PPA Coated BAND-FAST®*

BAND-IT® Bantam tool is a compact, lightweight, ratchet action tool with built in cutter.

- 3 way handle adjusts for one or two-handed tensioning
- Zinc plated for corrosion resistance
- Useful in tight areas with minimal access
- Designed for easy loading and removing of material
- Use with coated and uncoated BAND-IT® ties or Coated Band up to 19mm wide and up to 0.025" (0.63mm) steel thickness.

K50289 Ball-Lok Tool

Use with

- *Ball-Lok Ties*
- *Ball-LoktTM Ties*

Install Ball-Lok and Ball-Lokt™ stainless steel ties (up to 7.9mm wide) quickly and easily with the lightweight, portable Ball-Lok tool with adjustable tension, side loading and automatic tail cut-off.

M50389 Multi-Lok Hand Tool

Use with

- *Multi-Lok Ties*

Quickly, easily and consistently applies any size Multi-Lok ties. Simply adjust the Multi-Lok tool for the desired tension, slip the Multi-Lok in the slot, or side load, and squeeze the handle. When the proper tension is reached, the Multi-Lok tool automatically cuts the tail off flush with the buckle.

Toll Free: (800) 525-0758 · Phone: (303) 320-4555 · Fax: (303) 333-6549 · E-mail: info.BAND-IT@IDEXCorp.com
Product offerings and specifications may change. Visit https://www.band-it-idex.com/ for the latest information.

HAND TOOLS

A91079 Mini Tie-Lok II Tool

Use with

- *0.177" wide (4.5mm) Mini Tie-Lok® Ties*

For applying 0.177" wide smooth ID Mini Tie-Lok® ties for cable bundling, hose bundling and identification tagging. Forms unique dimple lock with a strong locking force and cuts off the excess band flush with top of buckle so the completed lock is smooth and not sharp.

- Forms dimple lock with a strong locking force in excess of 100 pounds (45 Kg)
- Adjustable controlled tension with repeatable results
- Easy to use, lightweight, compact design

A92079 Tie-Lok® II Tool

Use with

- *1/4" wide (6.35mm) Tie-Lok® Ties*

Applies 1/4" wide smooth ID Tie-Lok® ties used in cable bundling, hose bundling, CV boot installation and identification tagging. Locks tie with the patented Tie-Lok® and cuts off excess band flush with top of buckle so the completed lock is smooth and not sharp.

- Forms dimple lock with a strong locking force in excess of 250 pounds (130 Kg)
- Adjustable controlled tension with repeatable results
- Easy to use, lightweight, compact design

TL3800 Tie-Lok® Tool

Use with

- *Tie-Lok® Stainless Steel Ties in 3/8" width (9.53mm) only*

The TL3800 Tie-Lok® tool is specifically designed to install 3/8" wide Tie-Lok® stainless steel ties. Repeatable, controlled tie tension. Punch depth limiter. Light weight, compact design. Cut off produces clean hidden edges.

A94079 ULTRA-LOK® Tool

Use with

- *Ultra-Lok® Ties*

Applies Smooth ID ULTRA-LOK® ties. Locks tie with patented ULTRA-LOK® cut-off for increased loop tensile strength.

- Tool will tension clamp up to 400lbs of loop tensile strength

AE2009 Tool

The AE2009 hand tool is used for tensioning BAND-IT® cable ties.
Use with: BAND-IT Ties, Ball-lok Ties, Ball-LoktTM Ties and Multi-Lok Ties.

POWER TOOLS

UL4000-D ULTRA-LOK® Cordless Tool

Use with

- *Ultra-Lok® Band & Preformed Clamps*

Ideal for mobile installations. Now powered with a Lithium-ion battery, with longer charge and battery life, the UL4000-D battery charge lasts longer with consistent peak performance through the life of the battery.

Replacement Parts:

- M09387 - Shear Plate for Installing 1/2" Wide UL Clamps
- M09887 - Shear Plate for Installing 3/4" Wide UL Clamps
- M09787 - Cutter Blade for Installing All UL Clamps
- C23187 - Lubricant for Tension Threads
- UL1219 - Handle Kit

IT Series Tool

Use with

- *BAND-IT® Tie-Lok® Ties, and Junior® Smooth ID Preformed Clamps*

The IT Series Tool (with air hose and regulator) is a hand held tool used for repeatable high production environments.

- Can be fixtured into production system
- Variety of head configurations that allow installation of
  - .177", 1/4" and 3/8" Tie-Lok®
  - 1/4" Universal Clamps
  - 1/4" and 3/8" Jr.® Smooth ID Clamps
- Ergonomic design for ease of use by hand
- Heavy-duty cut-off and tensioning components
- Durable pneumatic system
- Easy to maintain

Available Versions.

- IT0750 For all .177" Mini Tie-Lok® Ties
- IT1000 For all 1/4" Tie-Lok® Ties and 1/4" Universal Clamps
- IT2000 For all 1/4" BAND-IT Junior® Clamps
- IT5000 For all 3/8" BAND-IT Junior® Clamps
- IT6000 For all 3/8" Tie-Lok® Ties

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POWER TOOLS

S75099 Pneumatic Junior® Clamp Application Tool

The "Standard Air Tool". The foot controlled standard air tool applies the complete range of BAND-IT Junior® and Junior® Smooth ID preformed clamps.

Replacement Parts:

- S45799 - Band Gripper Kit
- J93099 - Junior Lock Universal Cutter Blade Kit
- J00587 - Shear Hook
- S45087 - Tripper Plate

Use with

- *BAND-IT® Junior® Smooth ID Preformed Clamps*

S35099 Pneumatic Junior® Clamp Automatic Air Tool

For high volume production clamping of all widths and diameter sizes of BAND-IT Junior® Smooth ID and Junior® preformed clamps. Automatically tensions and cuts off clamp tail after roll-up and lock.

Replacement Parts:

- S45799 - Band Gripper Kit
- J93099 - Junior Lock Universal Cutter Blade Kit
- S45087 - Tripper Plate

Use with

- *BAND-IT® Junior® Smooth ID Preformed Clamps*

SM1700 Pneumatic Automatic Center Punch Clamp Air Tool

Designed to install BAND-IT® Center Punch 5/8" wide preformed clamps, made from 201 Stainless Steel and Galvanized Carbon Steel. Automatically tensions and cuts off clamp tail.

Replacement Parts:

- S45199 - CP Band Gripper Kit
- M17799 - CP Cutter Blade Kit
- S45087 - Tripper Plate

Use with

- *BAND-IT® Center Punch Preformed Clamps*

Electrical Applications

Oil Rigs, Ships, Chemical Plants, Refineries, Industrial Complexes, Public Buildings, Mining, Bridges and Tunnels, Power Distribution, Transmission and Communications

Engineered Fastening and Bundling Systems for Extreme Conditions: Electrical cable management, heat and sound shield fastening, instrument tubing and device attachment.

Products: Ball-Lokt™, Ball-Lok, Multi-Lok, Tie-Lok®, BAND-IT® Tie, BAND-FAST®, Uncoated and Coated Band & Clip**.

Benefits:

- Superior performance in extreme temperatures, chemical exposure, salt spray conditions and UV light exposure
- Permanent and secure locking mechanisms
- Reliable and efficient installation tools
- Low installed cost and long service life
- Proven performance coatings for abrasion protection and dissimilar metal contact (Nylon11, PPA 571, Polyester, Epoxy)
- Proven and controlled materials including - 201 SS, 304 SS, 316 SS, Alloy 400 & 625
- Quality certified manufacturing process management – ISO9001 with TS 16949

Identification Systems:

Indoor/Outdoor: Durable cable, pipe, fixture and asset identification engineered for extreme environments.

Products:

- BAND-IT® ID tags, COLOR-IT® banding, stainless steel embossing tape, imprintable stainless steel tags, stainless steel characters and carrier strips

Benefits:

- Functional in extreme temperatures, UV light exposure, salt spray and chemical exposure
- Long service life
- BAND-FAST® - 201 SS, 304 SS, 316 SS, Alloy 400 & 625
- Quality certified manufacturing process management – ISO9001 with TS 16949
- COLOR-IT® stainless steel banding
- Emboss, engrave or imprintable

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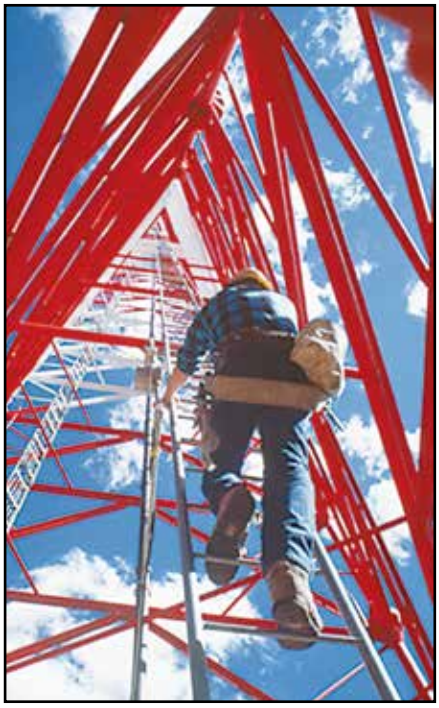
Electrical Applications



Engineered Mounting Systems: Outdoor pole, tower & aerial applications for power, communication infrastructure and alternative energy.

Products:

- Mounting Hardware: Bolt clamp, mounting plate, stainless steel brackets
- Band and Buckle Systems: Ultra-Lok® system, band and buckle in various materials and widths

Benefits:

- Superior performance in extreme temperatures, UV light exposure and salt spray
- Corrosion resistant plating on all hardware
- Full tension and heavy duty fastening
- Low installed cost and long service life
- Band & Buckle - 201 SS, 304 SS, 316 SS, Alloy 400 & 625
- Quality certified manufacturing process management – ISO9001 with TS 16949
- Easily applied to pole without drilling
- Ideal for clamping cable splice closures
- Easy to install with no special tools required
- Many banding options

Certifications

For detailed certification information, see page 44.

- **Russian Maritime Register of Shipping (RS)** - Ball-Lok, Multi-Lok Ties, Tie-Lok® Ties, Mini Tie-Lok® Ties.
- **CE** - Ball-Lok Ties, BAND-IT AE Ties, Multi-Lok Ties, Tie-Lok® Ties, Mini Tie-Lok® Ties
- **DNV** - BAND-IT Ties, BAND-IT AE Ties, BALL-LOK Ties, BALL-LOKT TiesTM, Multi-Lok Ties, Tie-Lok® Ties.
- **Lloyd's Register** - BAND-IT Ties, Multi-Lok Ties, Tie-Lok® Ties.
- **UL** - BALL-LOK Ties, BALL-LOKT TiesTM, BAND-IT AE Ties, Tie-Lok® Ties, Multi-Lok Ties.
- **American Bureau of Shipping (ABS)** A classification sign and construction of new vessels and the integrity of existing vessels and marine structures.

Cable Restraint Solutions

WIN BIG With BAND-FAST® Alternative to Cable Cleats!

BAND-IT's BAND-FAST® cable restraint solutions are the perfect alternative to cable cleats for cable management applications that require short circuit protection to IEC61914:2015 Standards.

BAND-IT's BAND-FAST® products cost significantly less than traditional cable cleats! When you need to increase productivity and reduce the risk of injury, start using BAND-FAST® and create a safe and efficient work environment!

Features & Benefits:

- Increased profitability
- Space saving with lower profile finish
- Logistical and handling benefits (easier to move around site in bulk)
- 316 grade stainless steel
- High Performance PPA 571 coating eliminates the need for protective channel/lining
- Zero Halogen, low smoke & fume
- Materials covered by multiple type approvals
- Standard width 5/8" (15.88mm) - other widths available
- Large diameter adjustment - fewer part numbers to order

Application Tools:

C075 Bantam Tool
(for PPA Coated)

C001 BAND-IT Tool
(for Uncoated)

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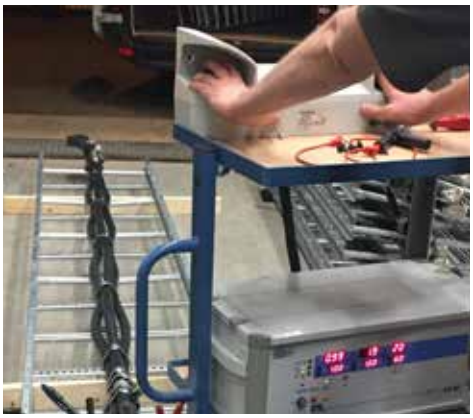
Cable Restraint Solutions

Electromechanical Force Testing

Tested by independent third party facility to the latest Cable Cleat Standard IEC61914:2015 for resistance to electromechanical force



BAND-FAST - Cable Cleat Alternative

Part No.	Band Ref.	Buckle/ Clip Ref.	Width in	Width mm	Length in	Length mm	Single/ Double Wrap	*Max Cable OD (single cable config.) in	*Max Cable OD (single cable config.) mm	*Max Cable OD (trefoil cable config.) in	*Max Cable OD (trefoil cable config.) mm	*Max Cable OD (quadrafoil cable config.) in	*Max Cable OD (quadrafoil cable config.) mm	Pkg Qty	Weight lbs	Weight kg	Passed IEC61914: 2015 short Circuit Test in Trefoil up to (kA peak)
PPA Coated BAND-FAST® Clamps																	
LFAC-F1015M030-A900	AE435	AE455	5/8	15.88	11.81	300	Single	1.57	40	0.51	13	0.47	12	100	.05	0.025	50.8kA
LFAC-F1015M040-A900	AE435	AE455	5/8	15.88	15.75	400	Single	2.95	75	1.10	28	0.98	25	100	.06	0.030	50.8kA
LFAC-F1015M050-A900	AE435	AE455	5/8	15.88	19.68	500	Single	3.93	100	1.69	43	1.45	37	100	.08	0.038	50.8kA
LFAC-F1015M060-A900	AE435	AE455	5/8	15.88	23.62	600	Single	5.11	130	2.24	57	1.96	50	100	.10	0.045	50.8kA
LFAC-F1015M070-A900	AE435	AE455	5/8	15.88	27.56	700	Single	6.29	160	2.75	70	2.36	60	100	.11	0.052	50.8kA
LFFC-F1015M040-A900	AE435	LE155	5/8	15.88	15.75	400	Double	1.57	40	0.51	13	0.47	12	100	.06	0.030	76.3kA
LFFC-F1015M050-A900	AE435	LE155	5/8	15.88	19.68	500	Double	2.16	55	0.82	21	0.70	18	100	.08	0.038	76.3kA
LFFC-F1015M060-A900	AE435	LE155	5/8	15.88	23.62	600	Double	2.75	70	1.10	28	0.98	25	100	.10	0.045	76.3kA
LFFC-F1015M070-A900	AE435	LE155	5/8	15.88	27.56	700	Double	3.34	85	1.37	35	1.22	31	100	.11	0.052	76.3kA
LFFC-F1015M080-A900	AE435	LE155	5/8	15.88	31.50	800	Double	3.93	100	1.65	42	1.45	37	100	.13	0.060	76.3kA
LFFC-F1015M100-A900	AE435	LE155	5/8	15.88	39.37	1000	Double	5.11	130	2.24	57	1.96	50	100	.16	0.075	76.3kA
LFFC-F1015M120-A900	AE435	LE155	5/8	15.88	47.24	1200	Double	6.2	160	2.75	70	2.36	60	100	.19	0.090	76.3kA
Uncoated BAND-FAST® with Ear-Lokt Buckle																	
LFEC-F1030M050	C405	C455	.5/8	15.88	19.68	500	Double	2.16	55	0.82	21	0.70	18	100	.13	0.062	112kA
LFEC-F1030M060	C405	C455	5/8	15.88	23.62	600	Double	2.75	70	1.10	28	0.98	25	100	.15	0.070	112kA
LFEC-F1030M070	C405	C455	5/8	15.88	27.56	700	Double	3.34	85	1.37	35	1.22	31	100	.17	0.078	112kA
LFEC-F1030M080	C405	C455	5/8	15.88	31.50	800	Double	3.93	100	1.65	42	1.45	37	100	.18	0.086	112kA
LFEC-F1030M100	C405	C455	5/8	15.88	39.37	1000	Double	5.11	130	2.24	57	1.96	50	100	.22	0.103	112kA
LFEC-F1030M120	C405	C455	5/8	15.88	47.24	1200	Double	6.2	160	2.75	70	2.39	60	100	.26	0.120	112kA
LFEC-F1230M050	C406	C456	3/4	19.1	19.68	500	Double	2.16	55	0.82	21	0.70	18	100	.17	0.078	120kA
LFEC-F1230M060	C406	C456	3/4	19.1	23.62	600	Double	2.75	70	1.10	28	0.98	25	100	.19	0.088	120kA
LFEC-F1230M070	C406	C456	3/4	19.1	27.56	700	Double	3.34	85	1.37	35	1.22	31	100	.21	0.098	120kA
LFEC-F1230M080	C406	C456	3/4	19.1	31.50	800	Double	3.93	100	1.65	42	1.45	37	100	.23	0.108	120kA
LFEC-F1230M100	C406	C456	3/4	19.1	39.37	1000	Double	5.11	130	2.24	57	1.96	50	100	.28	0.128	120kA
LFEC-F1230M120	C406	C456	3/4	19.1	47.24	1200	Double	6.2	160	2.75	70	2.39	60	100	.33	0.150	120kA

*** Note:** ***Maximum cable OD are for a guide only.***

- PPA Coated BAND-FAST™ Clamps with clips have 0.38mm 316SS band thickness (1.2mm thick with coating)
- Uncoated BAND-FAST™ Clamps with Ear-Lokt Buckles have 0.76mm316SS band thickness
- Uncoated BAND-FAST™ Clamps with Ear-Lokt Buckles should be installed with additional polymeric channel to ensure maximum results

Electrical Product Matrix

BAND-IT® Electrical Product Solutions

Product Matrix		Speedy Install	Loop Tensile Strength	Salt Spray Resistance	UV Resistance	LSF / Zero Halogen	Temperature Extremes	Long Service Life	Vibration Resistance	Chemical Resistance	Performance Score
		Performance Characteristics									
Scale - Least Suitable → Most Suitable		1	2	3	4	5	Multiple →			M	
Smooth ID Ball-Lok Ties	Fully Coated 316SS (Epoxy)	5	3	5	2	5	2	3	2	2	29
	Uncoated 316SS	5	3	5	5	5	5	5	2	5	40
	Uncoated 304SS	5	3	3	5	5	5	5	2	4	37
Ball-Lokt Ties	Fully Coated 316SS (Epoxy)	5	3	5	2	5	2	3	2	2	29
	Uncoated 316SS	5	3	5	5	5	5	5	2	5	40
	Uncoated 304SS	5	3	3	5	5	5	5	2	4	37
Multi-Lok Ties	Fully Coated (Nylon 11) 316SS	4	2	5	4	5	2	4	4	2	32
	Uncoated 316SS	4	2	5	5	5	5	5	4	5	40
BAND-IT AE Ties	Fully Coated PPA571 316SS	3	3	5	4	5	2	4	5	3	34
Tie-Lok Ties (Standard & Mini)	316SS	4	2	5	5	5	5	5	5	5	41
	304SS	4	2	3	5	5	5	5	5	3	37
316SS PPA Coated Stainless Steel Band	Fully Coated PPA571 316SS	2	4	5	4	5	2	4	5	3	34
All Purpose Band	Fully Coated PPA571 316SS	2	4	5	4	5	2	4	4	3	33
Band & Buckle Systems	201SS, 304SS, 316SS, 317L, Alloy 400, Alloy 625	M	M	M	M	M	M	M	M	M	M
ULTRA-LOK®	1/4 Hard 201 SS	4	5	2	5	5	5	5	5	2	38

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Electrical Product Matrix

Application Match					Description	Approvals & Listings	Page
Marine & Offshore (Outdoor)	Marine, Chemical Plant, Industrial Complex (Indoor)	Utility Pole and Tower	Heavy Mounting Utility Pole and Tower	Mining			
Cable tray Bundling		General Fastening and Mounting					
	x			x	Ball-Lok Tie, 316SS, 0.010" (base metal) 0.016" (coated, Nylon 11)	DNV, Lloyds, GL, RMRS, CE	22
x	x	x		x	Ball-Lok Tie, 316SS, 0.010"	DNV, Lloyds, GL, RMRS, CE	22
	x	x		x	Ball-Lok Tie, 304SS, 0.010"	DNV, Lloyds, GL, RMRS, CE	22
	x			x	Ball-Lokt™ Tie, 316SS, 0.010 CTD Black Epoxy	UL, DNV	23
x	x	x		x	Ball-Lokt™ Tie, 316SS, 0.010"	UL, DNV	23
	x	x		x	Ball-Lokt™ Tie, 304SS, 0.010	UL, DNV	23
x	x	x		x	Multi-Lok Tie, 316SS, 0.011" (base metal) 0.018" (coated, Nylon 11)	DNV, Lloyds, GL, RMRS, CE, UL	21
x	x	x		x	Multi-Lok Tie, 316SS, 0.011" Thickness	DNV, Lloyds, GL, RMRS, CE, UL	21
x	x	x		x	BAND-IT® Tie, 316SS, 0.015" (base metal) 0.040" (PPA 571)	DNV, Lloyds, GL, RMRS, CE	24
x	x	x		x	Tie-Lok® Tie SID, 316SS, 0.015" Thickness	UL, DNV(UK), GL(UK), Lloyds (UK), RMRS(UK)	20
	x	x		x	Tie-Lok® Tie, SID, 304SS, 0.020" Thickness	UL, DNV(UK), GL(UK), Lloyds (UK), RMRS(UK)	20
x	x	x		x	Coated Band, 316SS, 0.015" (base metal) 0.045" (coated, PPA571) x 82.5'	DNV, Lloyds, ABS, RMRS, CE, GL	8
x	x			x	All Purpose Band, 316SS 0.030" (base metal) 0.050" (CTD, PPA571) x 82.5'	DNV, Lloyds, ABS, RMRS, GL	9
x	x	x	x	x	1/4", 3/8", 1/2", 5/8",3/4", 1", 1-1/4" Widths 0.015", 0.020, 0.025, 0.030, 0.044 thicknesses available		5-9
		x	x	x	Ultra-Lok® Band, 201SS 1/4 Hard		15

BAND-IT Certifications & Approvals

Det Norske Veritas - Germanischer Lloyd (DNV-GL) The world's leading classification society and recognized advisor for the maritime industry. DNV-GL enhances safety, quality, energy efficency and environmental performance of the global shipping industry - across all vessel types and offshore structures. DNV-GL invests heavily in research and development to find solutions, together with the industry that address strategic, operational and/or regulatory challenges.

American Bureau of Shipping (ABS) A classification sign and construction of new vessels and the integrity of existing vessels and marine structures.

Lloyd's Register Group A maritime classification society and independent risk management organization providing risk assessment and mitigation services and management systems certification. Historically, as Lloyd's Register of Shipping, it was a specifically maritime organization.

Russian Maritime Register of Shipping (RS) The activities of Russian Maritime Register of Shipping (RS) are aimed at providing the safety of navigation, safety of life at sea, security of ships, safe carriage of cargo, environmental safety of ships, prevention of pollution from ships, performance of authorizations issued by Administrations and customers.
RS develops and continually improves the RS rules and guidelines in compliance with requirements of the international standards to ensure the safety at sea and pollution prevention.

The RS task is both to maintain its own quality management system at the highest possible level and to promote also implementation of high technical standards in design of ships, shipbuilding and shipping industry using its unique experience in ensuring maritime safety.

Underwriters Laboratories (UL) An independent product safety certification organization that develops standards and test procedures for products, materials, components, assemblies, tools and equipment, chiefly dealing with product safety.

Aramco 9COM BAND-IT® is registered as an Aramco 9COM manufacturer.

ISO TS 16949 ISO/TS 16949 is designed to address quality management in the automotive supply chain. It is based on the eight quality management principles: customer focus, leadership, involvement of people, process approach, system approach to management, continual improvement, fact-based decision making, and mutually beneficial supplier relationships. In addition, ISO/TS 16949 focuses on customer specific requirements.

ISO 14001 The ISO 14000 environmental management standards exist to help organizations (a) minimize how their operations (processes etc.) negatively affect the environment (i.e. cause adverse changes to air, water, or land); (b) comply with applicable laws, regulations, and other environmentally oriented requirements, and (c) continually improve in the above.

ISO 9001 The ISO 9000 family of standards relate to quality management systems and are designed to help organizations ensure they meet the needs of customers and other stakeholders. The standards are published by ISO, the International Organization for Standardization and available through National standards bodies. ISO 9000 deals with the fundamentals of quality management systems, including the eight management principles on which the family of standards is based. ISO 9001 deals with the requirements that organizations wishing to meet the standard have to fulfill.

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British Standards Institution (BSI) Is the business standards company that helps organizations all over the world make excellence a habit. We have many varied partners. These include international standards bodies, such as ISO, external consultants who help our clients and professional affiliations.

CE CE marking is a mandatory conformity mark for products placed on the market in the European Economic Area (EEA). With the CE marking on a product the manufacturer ensures that the product conforms with the essential requirements of the applicable EC directives. The letters "CE" stand for "Conformité Européenne" ("European Conformity").

United States Coast Guard Type approval is the primary process for equipment and materials to receive Coast Guard approval. For equipment or materials to receive Type Approval, they must be demonstrated to comply with the relevant requirements in the regulations, successfully complete the specified tests, and be enrolled in a quality control or follow up program as required.

GOST-R Approval GOST (Russian: ROCT) refers to a set of technical standards maintained by the Euro-Asian Council for Standardization, Metrology and Certification (EASC, a regional standards organization operating under the auspices of the Commonwealth of Independent States (CIS).

Definitions

Corrosion Resistance - The ability of a material to withstand degradation in specific environments.

Loop Tensile Strength - The maximum amount of force, applied radially, an installed clamp/tie will withstand prior to failure.

Nylon 11 - Non-toxic polymer cable tie coating resistant to stress cracking, abrasion, impact, salt spray and typical airborne pollutants. When subjected to fire, this coating is halogen-free and produces low amounts of smoke.

Polyester - A high performance black polyester, non-toxic polymer coating for rolled band resistant to stress cracking, abrasion, impact, salt spray and typical airborne pollutants. When subjected to fire, this coating is halogen free and produces low amounts of smoke.

PPA 571 - A non-toxic polymer coating for rolled band resistant to stress cracking, abrasion, impact, salt spray and typical airborne pollutants. When subjected to fire, this coating is halogen free and produces low amounts of smoke.

Black Epoxy - Resistant to chemical and salt water environments.

Production Tool - Power tools to install band clamps and tie products consistently.

BAND-IT® Metals Data

All values in table are reference only.

Material	201 Stainless Steel	201 1/4 Hard	202 Stainless Steel	301 Stainless Steel	302 Stainless Steel	304 Stainless Steel	316 Stainless Steel	317L 1/4 Hard Stainless Steel	321 Stainless Steel	200/300 Series Stainless Steel	Alloy 400	Alloy 625	Titanium GR1
Specification													
UNS Designation	S20100	S20100	S20200	S30100	S30200	S30400	S31600	S31703	S32100	---	N04400	N06625	R50250
ASTM	A 666	A 666	A 666	A 666	A 666	A 666	A 666	A 240	A 240	---	B 127	B 443	B 265
Principal Alloying Elements, %													
C	.015 Max	.015 Max	.015 Max	.15 Max	.15 Max	.08 Max	.08 Max	.03 Max	.08 Max	---	.3 Max	.10 Max	.08 Max
Mn	5.50 - 7.50	5.50 - 7.50	7.5-10.0	2.0 Max	2.0 Max	2.0 Max	2.0 Max	2.0 Max	2.0 Max	---	2.0 Max	.50 Max	---
P	.06 Max	.06 Max	.06 Max	.045 Max	.045 Max	.045 Max	.045 Max	.045 Max	.045 Max	---	---	.015 Max	---
S	.03 Max	.03 Max	.03 Max	.030 Max	.030 Max	.030 Max	.030 Max	.030 Max	.030 Max	---	0.024 Max	.015 Max	---
Si	.75 Max	.75 Max	.75 Max	1.00 Max	.75 Max	.75 Max	.75 Max	.75 Max	.75 Max	---	0.5 Max	50 Max	---
Cr	16.0-18.0	16.0-18.0	17.0-19.0	16.0-18.0	17.0-19.0	18.0-20.0	16.0-18.0	18.0-20.0	17.0-19.0	---	---	20.0-23.0	---
Ni	3.50-5.50	3.50-5.50	4.0-6.0	6.0-8.0	8.0-10.0	8.0-10.5	10.0-14.0	11.0-15.0	9.0-12.0	---	63.0 Min	58.0 Min	---
N	.25 Max	.25 Max	.25 Max	.10 Max	---	.10 Max	---	.10 Max	.10 Max	---	---	---	.03 Max
O	---	---	---	---	---	---	---	---	---	---	---	---	.18 Max
H	---	---	---	---	---	---	---	---	---	---	---	---	.015 Max
Mo	---	---	---	---	---	---	2.0-3.0	3.0-4.0	---	---	---	8.0-10.0	---
Cu	---	---	---	---	---	---	---	---	---	---	28.0-34.0	---	---
Fe	---	---	---	---	---	---	---	---	---	---	2.5 Max	5.0 Max	.20 Max
Ti	---	---	---	---	---	---	---	---	---	---	---	0.40 Max	Balance
Zn	---	---	---	---	---	---	---	---	---	---	---	0.40 Max	Balance
Al	---	---	---	---	---	---	---	---	---	---	---	---	---
Physical Properties													
Density, Lb/Cu. In.	0.287	0.287	0.287	0.290	0.290	0.290	0.290	0.290	0.286	0.287	0.319	0.305	0.163
Structure	Austenitic	Austenitic	Austenitic	Austenitic	Austenitic	Austenitic	Austenitic	Austenitic	---	Austenitic	---	---	Alpha
Melting Range	2550 - 2650°F	2550-2650°F	2550-2650°F	2550-2590°F	2550-2590°F	2550-2590°F	2540 - 2630°F	2540 - 2630°F	2550 - 2635°F	2550-2650°F	2370-2460°F	2500 - 2550°F	2500 - 2550°F
Electrical Properties	Non-Magnetic	Non-Magnetic	Non-Magnetic	Non-Magnetic	Non-Magnetic	Non-Magnetic	Non-Magnetic	Non-Magnetic	Non-Magnetic	Non-Magnetic	Slightly Magnetic	Non-Magnetic	Non-Magnetic
Mechanical Properties													
Rockwell Hardness	100 Rb Max	---	100 Rb Max	95 Rb Max	92 Rb Max	92 Rb Max	95 Rb Max	95 Rb Max	95 Rb Min	70-95RB	68 Rb Max	88-94RB	64-70RB
Ultimate Tensile Strength (PSI)	95,000	125,000	90,000	75,000	75,000	75,000	75,000	115,000	75,000	75,000	70,000	120,000	35,000
Yield Strength (PSI)	45,000	75,000	38,000	30,000	30,000	30,000	40,000	75,000	30,000	30,000	28,000	60,000	20,000
% of Elongation in 2 inches, Min	40	25	40	40	40	40	35	10	40	30	35	30	24
Corrosion Resistance													
Mild Atmospheric and Fresh Water	Good	Good	Good	Good	Very Good	Very Good	Excellent	Excellent	Excellent	Good	Good	Good	Good
Industrial Atmosphere	Good	Good	Good	Good	Very Good	Very Good	Very Good	Very Good	Very Good	Good	Good	Good	Good
Marine Atmoshere	Fair	Fair	Fair	Fair	Good	Good	Very Good	Very Good	Very Good	Fair	Excellent	Excellent	Good
Salt Water	No	No	No	No	No	No	Good	Good	Good	No	Excellent	Excellent	Good
Mild Chemical	Fair	Fair	Fair	Fair	Good	Good	Good	Very Good	Good	Fair	Good	Good	Good
Oxidixing Chemical	Fair	Fair	Fair	Fair	Good	Good	Good	Good	Good	Fair	Good	Good	Excellent
Reducing Chemical	No	No	No	No	No	No	Good	Good	Good	No	Good	Good	Fair

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BAND-IT® Metals Data

All values in table are reference only.

Titanium GR2	Galvanized Carbon Steel	403 Stainless Steel	Carbon Steel (Magnus)	AL2003	Aluminum 3003	Alloy 27-7	Alloy AL6XN®	Alloy C276	Alloy 2507	UNS S32760	Alloy 2205	Alloy 718	409 Stainless Steel	430 Stainless Steel
R50400	---	S40300	---	S32003	A93003	S31277	N08367	N10276	S32750	S32760	S32205	N07718	S40900	S43000
B 265	A 105, A 695	A 176	---	A 240	B 209	A 240	B 688	B 462	A 240	A 240	A 240	B 637	A-240	A-240
.08 Max	.35 Max	.15 Max	---	.03 Max	---	.5-1.5	.03 Max	.01 Max	.03 Max	.03 Max	.03 Max	.08 Max	.03 Max	0.12 Max
---	.6-1.05	1.0 Max	---	2.0 Max	1.0-1.5	3.0 Max	---	1.0 Max	1.2 Max	1.0 Max	2.0 Max	.35 Max	1.0 Max	1.00 Max
---	.04 Max	.04 Max	---	.03 Max	---	.03 Max	.04 Max	.04 Max	0.035 Max	0.03 Max	0.03 Max	.015 Max	0.04 Max	.04 Max
---	.05 Max	.03 Max	---	.02 Max	---	.01 Max	.03 Max	.03 Max	0.02 Max	0.01 Max	0.02 Max	.015 Max	0.02 Max	.03 Max
---	.10-.35	.50 Max	---	1.0 Max	.60 Max	.50 Max	1.0 Max	.08 Max	.80 Max	1.00 Max	1.00 Max	.35 Max	1.00 Max	1.00 Max
---	---	11.5-13.0	---	19.5-22.5	---	20.5-23.0	20.0-22.0	14.5-16.5	24-26.0	24.0-26.0	22.0-23.0	17.0-21.0	10.50-11.75	16.0-18.0
---	---	.60 Max	---	3.0-4.0	---	26.0-28.0	23.5-25.5	Balance	6.0-8.0	6.0-8.0	4.5-6.5	50.0-55.0	0.5 Max	.75 Max
.03 Max	---	---	---	.14-.20	---	.3-.4	.18-.25	---	.24-.32	.20-.30	.14-.20	---	---	---
0.25 Max	---	---	---	---	---	---	---	---	---	---	---	---	------	---
.015 Max	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	1.5-2.0	---	---	6.0-7.0	15.0-17.0	3.0-4.0	3.0-4.0	3.0-3.5	2.8-3.3	---	---
---	---	---	---	---	.20 Max	---	.75 Max	---	---	---	---	---	---	---
.30 Max	---	---	---	Balance	.70 Max	Balance	---	4.0-7.0	---	---	---	Balance	---	---
Balance	---	---	---	---	---	---	---	---	---	---	---	.65-1.15	---	---
Balance	---	---	---	---	.10 Max	---	---	---	---	---	---	---	---	---
---	---	---	---	---	Balance	---	---	---	---	---	---	.2-.8	---	---
0.163	0.283	0.282	---	0.279	0.099	0.290	0.291	0.321	0.282	0.278	0.282	0.296	0.282	0.282
Alpha	Ferritic	Martensitic	Ferritic	Duplex	---	Austenitic	Austenitic	Duplex	Duplex	Duplex	Duplex	Duplex	Ferritic	Ferritic
2500 - 2550°F	---	2720	---	---	1190	---	2500 - 2550°F	---	---	---	---	2200-2450	2500-2550	2500-2550
Non-Magnetic	Magnetic	Ferro-magnetic	Magnetic	Ferro-magnetic	---	---	---	---	---	---	---	---	---	Magnetic
64-70RB	80-95RB	96 Rb Max	---	31 Rc Max	40 Brinell	90 Rb Typ	100 Rb Max	---	32 Rc Max	290 HB max	31 Rc max	109 Rb Min	88 Rb Max	89 Rb Max
50,000	84,000	70,000	152,500	100,000	22,000	112,000	100,000	100,000	116,000	108,000	95,000	185,000	55,000	65,000
40,000	80,000	30,000	---	70,000	21,000	52,000	45,000	41,000	80,000	80,000	65,000	150,000	25,000	30,000
20	5	25	---	25	8	40	30	40	15	25	25	12	20	22
Good	Good/Fair	Good	Fair/Poor	Excellent	---	Very Good	Good	Very Good	Very Good	Very Good	Excellent	Good	Good	Good
Good	Fair	Good	Fair	Very Good	Good	Excellent	Good	Excellent	Very Good	Very Good	Very Good	Good	Good	Good
Good	Poor	Poor	Poor	Very Good	Good	Excellent	Excellent	Excellent	Very Good	Very Good	Very Good	Excellent	Poor	Poor
Good	No	No	No	Good	---	Excellent	Excellent	Excellent	Very Good	Very Good	Very Good	Excellent	No	No
Good	No	Fair	No	Good	---	Good	Good	Good	Good	Good	Good	Good	Fair	Fair
Excellent	No	Fair	No	Good	---	Good	Good	Good	Good	Good	Good	Good	Fair	Fair
Fair	No	Fair	No	Good	---	Good	Good	Good	Good	Good	Good	Good	Good	No

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