



BAND-IT®

THE CLAMPING EXPERTS



**The World's Leader in
Quality Engineered
Band Clamping Systems**



IDEX
IDEX CORPORATION

BAND-IT® - The Standard of Excellence

Years of Experience in Stainless Steel Clamping, Bundling, Fastening and Identification Solutions!

Founded in Denver, Colorado in 1937, BAND-IT is acknowledged as the world's leader in quality engineered band clamping systems. A unit of IDEX Corporation, BAND-IT has an international network of representatives and distributors, with manufacturing and distribution facilities serving users worldwide.



Industrial (including Agriculture, Construction, Defense, etc), Hose, Electrical, Municipal, Utility, Electronic, Engineered Applications, Automotive Aftermarket, and Automotive OEM...almost every industry today uses BAND-IT® Clamps!

As proof of our ongoing commitment to excellence, BAND-IT is proud to display our Certificates of Compliance to the prestigious international standards of ISO 9001:2000, ISO 14001, and TS16949 is anticipated.

All bands, clamps, ties and buckles that are manufactured by BAND-IT-IDEX, Inc. are fully compliant within the EU RoHS Directive, 2002/95/EC. See page 38 for a list of compliant product families.



For the latest BAND-IT product information manuals, and FAQ's visit our website:

www.BAND-IT-IDEX.com

This catalog is now downloadable. For the latest version go to **www.BAND-IT-IDEX.com**

**ISO 9001/ISO 14001
TS 16949 is anticipated.**
Registration for Excellence in
Integrated Management Systems.



Proud Members of:



Member



Current BAND-IT® employees are sustaining members of SAE.

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Can't find what you're looking for? Custom configurations available on most products. Call 303-320-4555.

Applications

Pole Applications



Traffic Signals



Mast Arm Sign Installation



Enclosure Mounting



Pole
Fastening

Hose Assembly



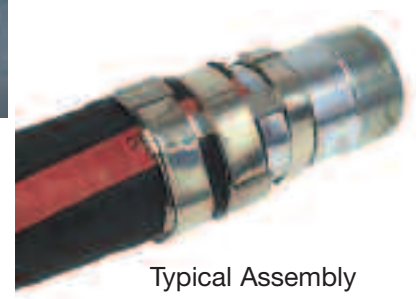
Chemical Transport



Agriculture



Dairies and Wineries



Typical Assembly

Applications

Construction and Mining



Pulp and Paper



Underground Cables



Cooling Tower Elements



Transportation



Exhaust Pipe Heat Shield



Constant Velocity Boots



Side Air Bag Bracket



Exhaust Gas Re-circulation



Heat and Sound Shielding



Charge Air Cooling Assembly



Air Bag Brackets

Applications

Cable TV and Telecommunications



Cell Tower



Cable TV

Aerospace

Shield Termination
Assembly



General Fastening



Brake Line



Washer Drum



Irrigation
Systems



Tube and Hose Bundling



Agriculture

Applications

Cable Bundling



Identification Systems



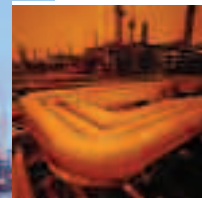
Cable Bundling

Petrochemical

Identification



Insulation



Hose



Down Hole Instrumentation



Marine and Subsea

Strake



Capped Pier Posts



Piling Shields

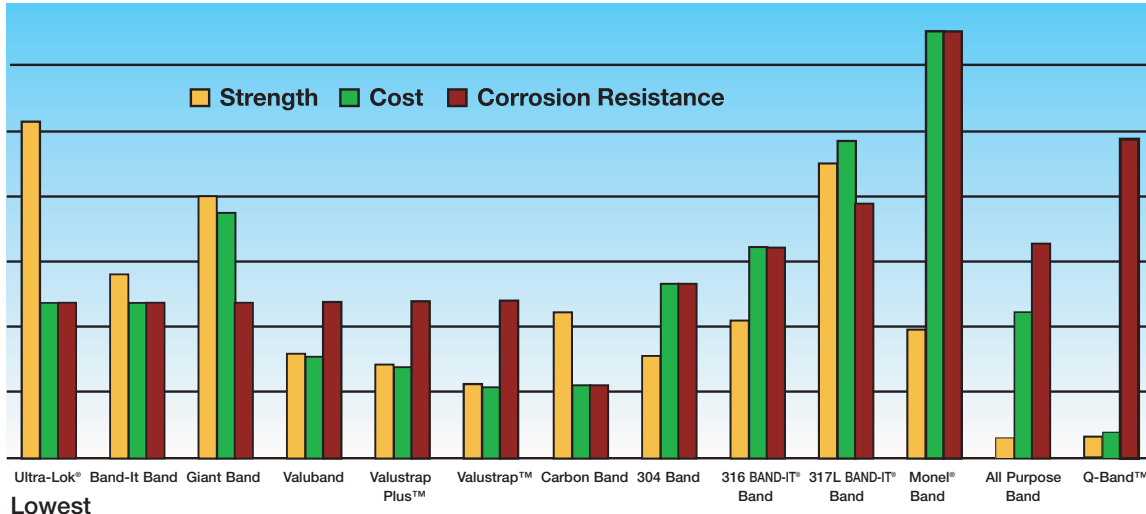


Band and Buckle Systems

- High strength fastening and clamping.
- Wide variety of materials, widths and thicknesses.
- Can be formed to virtually any diameter and shape.

Band Comparison Chart

Highest



NOTE: Comparisons for Strength and Cost are based on similar widths and thicknesses
This chart is for illustrative purposes only.

Ultra-Lok® Systems

- Apply five times faster than band and buckle with hand tools.
- Form band lock under full tension, meaning less slippage.
- Correct assembly guided by matching arrow indicators on band and buckle.
- Offers good resistance to oxidation and many moderate corrosive agents.
- 201 1/4 hard SS band provides greater material strength allowing tighter clamps and can be double wrapped for additional strength.
- 3/4" band available in plastic tote with buckle storage area, 1/2" band available in cardboard boxes.
- Application Tools: UL4000 rechargeable portable tool and UL9010 Ultra-Lok 110-volt AC, corded electric tool.



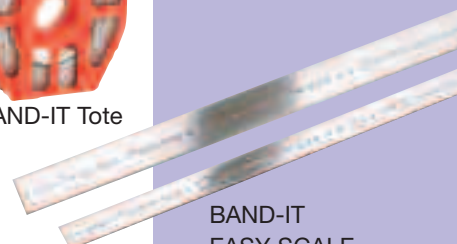
Ultra-Lok Tote



UL4000 Tool with
Ultra-Lok Band &
Buckle



BAND-IT Tote



BAND-IT
EASY SCALE

BAND-IT® Band

- 201 SS, bright annealed finish sets the standard with a combination of high strength and quality appearance.
- Offers good resistance to oxidation and many moderate corrosive agents.
- EASY SCALE - Patented imprint on the band to quickly determine band length without waste.
- Durable plastic dispensers available.
- Application tools: C00169, C00369, C07569, C08569, and C40099.

GENERAL USE

GENERAL USE

Giant Band

- The widest and thickest band provides maximum strength.
- Available in 201 SS bright or matte finish.
- Application tools: C00369 for 3/4" band only and G40269.



Giant Band

Valustrap™, Valustrap Plus™, and Valuband

- Economical band suitable for light duty applications.
- Thickness: 0.015", 0.020", 0.025".
- May be 200 or 300 series SS, typically non-magnetic.
- Application tools: C00169, C00369, C07569, C08569, and C40099.



Valustrap™

BAND-FAST (Ready-to-Use) Precut and Assembled with Clip

- Save installation time - reduce waste.
- Application tools: C00169, C00369, C07569, C08569, and C40099.



BAND-FAST

CORROSION RESISTANT

Galvanized Carbon Steel Band

- Utilized mainly for low cost.
- Minimal corrosion resistance.
- Application tools: C00169, C00369, C07569, C08569, and C40099.

304 Stainless Steel Band

- Economical band suitable for light duty applications in typical atmospheres.
- Application tools: C00169, C00369, C07569, C08569, and C40099.

316 Uncoated and Coated Stainless Steel Band

- Superior corrosion resistance in typical atmospheres and fresh water.
- Available with halogen free coating (PPA 571) for additional corrosion resistance and smoother edges.
- Application tools for uncoated band: C00169, C00369, C07569, C08569, and C40099.
- Application tools for coated band: 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 C40069.

Monel® 400 Band

- Superior corrosion resistance in marine, salt water, and chemical environments.
- Application tools: C00169, C00369, and C40069.

SPECIAL PURPOSE

All Purpose Band

- Evenly spaced holes allow fastening with screw or nut and bolt.
- Coated with halogen free coating (PPA 571).
- Easy to install with common hand tools.

Q-Band™

- Polypropylene band - ideal for hundreds of light duty applications.
- UV resistant.
- Can be tightened by hand or with easy-to-use Q-Band manual tool (Q72099).
- Reusable clamps.

Band Cross Section Comparison

3/16" x 0.015"

1/4" x 0.020"

3/8" x 0.025"

1/2" x 0.025"

5/8" x 0.030"

3/4" x 0.030"

1" x 0.044"

1-1/4" x 0.044"

Ultra-Lok Band

Part No.	Material*	Band Width		Maximum Clamp Diameter				Band Length		Package Quantity	Package Weight	
		Inches	mm	Single Wrap	mm	Double Wrap	mm	In	mm		Lbs	Kg
UL1018**	201 SS	1/2	12.7	3	76	not suggested		18	457	50/Box	4.1	1.9
UL1024**	201 SS	1/2	12.7	5	127	2.5	64	24	610	50/Box	5.3	2.4
UL1028**	201 SS	1/2	12.7	6	152	3.0	76	28	711	50/Box	6.4	2.9
UL1032**	201 SS	1/2	12.7	7	178	3.5	89	32	813	50/Box	7.2	3.3
UL1036**	201 SS	1/2	12.7	8	203	4.0	102	36	914	50/Box	8.0	3.6
UL1046**	201 SS	1/2	12.7	11	279	5.5	140	46	1168	25/Box	5.9	2.7
UL1056**	201 SS	1/2	12.7	14	356	7.0	178	56	1422	25/Box	7.1	3.2
UL1070**	201 SS	1/2	12.7	18	457	9.0	229	70	1778	25/Box	8.5	3.9
UL1086**	201 SS	1/2	12.7	22	559	11.0	280	86	2184	25/Box	10.2	4.6
UL1096**	201 SS	1/2	12.7	25	635	12.5	318	96	2438	25/Box	11.2	5.1
UL1106**	201 SS	1/2	12.7	28	711	14.0	356	106	2692	25/Box	12.3	5.6
UL1116**	201 SS	1/2	12.7	31	787	15.5	394	116	2946	25/Box	13.3	6.0
UL2020	201 SS	3/4	19.1	4	102	not suggested		20	508	30/Tote	4.3	2.0
UL2024	201 SS	3/4	19.1	5	140	not suggested		24	610	27/Tote	4.3	2.0
UL2028	201 SS	3/4	19.1	6	152	not suggested		28	711	21/Tote	4.3	2.0
UL2032	201 SS	3/4	19.1	7	178	3.5	89	32	813	19/Tote	4.3	2.0
UL2036	201 SS	3/4	19.1	8	252	4.0	102	36	914	33/Tote	8.2	3.7
UL2040	201 SS	3/4	19.1	10	254	4.5	127	40	1016	30/Tote	8.2	3.7
UL2044	201 SS	3/4	19.1	11	267	5.5	140	44	1118	27/Tote	8.2	3.7
UL2048	201 SS	3/4	19.1	12	305	6.0	153	48	1219	25/Tote	8.2	3.7
UL2052	201 SS	3/4	19.1	13	330	6.5	165	52	1321	23/Tote	8.2	3.7
UL2060	201 SS	3/4	19.1	15	381	7.5	191	60	1524	20/Tote	8.2	3.7
UL2068	201 SS	3/4	19.1	17	445	8.5	216	68	1727	18/Tote	8.2	3.7
UL2076	201 SS	3/4	19.1	20	508	10.0	254	76	1930	16/Tote	8.2	3.7
UL2084	201 SS	3/4	19.1	22	559	11.0	280	84	2134	14/Tote	8.2	3.7
UL2092	201 SS	3/4	19.1	24	622	12.0	305	92	2337	13/Tote	8.2	3.7
UL2120	201SS	3/4	19.1	32	826	16.0	407	120	3048	10/Tote	8.2	3.7
UL2150	201 SS	3/4	19.1	41	1029	20.5	508	150	3810	8/Tote	8.2	3.7
UL2175	201 SS	3/4	19.1	48	1232	24.0	610	175	4445	7/Tote	8.2	3.7

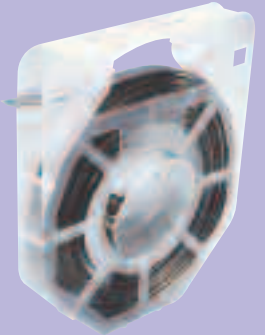
** 1/2" bands will require ULK249 or M09387 for UL4000 and UL9010 tool. Contact Factory
3/4" width Band lengths 36" or longer in 100' totes; 34" or less in 50' totes.
Ultra-Lok is also available in preformed clamps, see page 30.

Ultra-Lok Buckle

Part No.	Material*	Description	Package Quantity	Package Weight	
				Lbs.	Kg
UB2549	201 SS	Ultra-Lok Buckles, 1/2"	100/BX	2.4	1.1
UB2569	201 SS	Ultra-Lok Buckles, 3/4"	100/BX	3.7	1.7

Ultra-Lok Tools

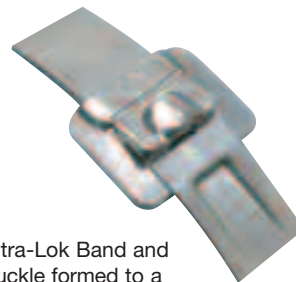
Part No.	Description	Package Quantity	Package Weight	
			Lbs.	Kg
UL4000	Ultra-Lok 18-volt Rechargeable, Portable Tool	Each	17.75	6.7
UL9010	Ultra-Lok 110-volt AC, Corded Electric Tool	Each	18.3	8.4
ULK249	Kit; Used to upgrade the tension body of the UL9000 and the UL9010	Each	0.4	0.2
M09387	1/2" Shear plate for UL4000, upgraded UL9000 and UL9010 to convert from 3/4" Ultra-Lok to 1/2" Ultra-Lok Clamp Systems	Each	0.1	0.1



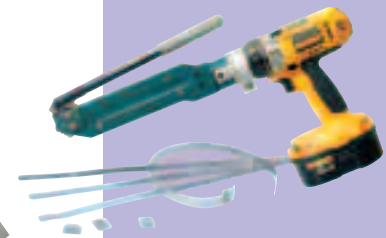
Ultra-Lok Tote



1/2" Ultra-Lok Band and Buckles



Ultra-Lok Band and Buckle formed to a completed lock



Ultra-Lok UL4000



Ultra-Lok UL9010

SEE PAGE 30 FOR MORE DETAILS ON THE ULTRA-LOK TOOLS.

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

201 Stainless Steel BAND-IT BAND

Part No.	Material*	Width		Thickness		Average Breaking Strength (lbs)	Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm			Lbs	Kg	
C20299	201 SS	1/4	6	0.020	0.51	500	100'/roll	1.7	0.7	C00169 C00369 C07569 C08569 C40099 J02069 (1/4"-3/8")
C20399	201 SS	3/8	9	0.025	0.63	900	100'/roll	3.2	1.5	
C203Y9	201 SS	3/8	9	0.025	0.63	900	Yellow Tote 100'/roll	3.6	1.6	
C20499	201 SS	1/2	12	0.030	0.76	1500	100'/roll	5.1	2.3	
C204B9	201 SS	1/2	12	0.030	0.76	1500	Blue Tote 100'/roll	5.5	2.5	
C20599	201 SS	5/8	15	0.030	0.76	1875	100'/roll	6.4	2.9	
C205G9	201 SS	5/8	15	0.030	0.76	1875	Green Tote 100'/roll	6.8	3.1	
C20699	201 SS	3/4	19	0.030	0.76	2250	100'/roll	7.7	3.5	
C206R9	201 SS	3/4	19	0.030	0.76	2250	Red Tote 100'/roll	8.2	3.7	

BAND-IT Buckle Ear-Lokt Style

Part No.	Material*	Width		Package Quantity	Package Weight	
		In	mm		Lbs	Kg
C25299**	SS	1/4	6	100/box	0.3	0.1
C25399	SS	3/8	10	100/box	0.8	0.4
C25499	SS	1/2	13	100/box	2.1	1.0
C25599	SS	5/8	16	100/box	2.4	1.1
C25699	SS	3/4	19	100/box	3.7	1.7

** Free End clip style.

Giant Band

Part No.	Material*	Width		Thickness		Average Breaking Strength (lbs)	Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm			Lbs	Kg	
G43099	201 SS	3/4	19	0.044	1.10	3300	100'/roll	11.6	5.4	C00369 (3/4" only) G40269
G43199	201 SS	1	25	0.044	1.10	4400	100'/roll	13.7	6.4	
G43299	201 SS	1 1/4	31	0.044	1.10	5500	100'/roll	17.2	8.0	

Galvanized Carbon Steel also available.

Giant Buckle Ear-Lokt Style

Part No.	Material*	Width		Package Quantity	Package Weight	
		In	mm		Lbs	Kg
G44099	SS	3/4	19	25/box	1.8	0.8
G44199	SS	1	25	25/box	2.4	1.1
G44299	SS	1 1/4	31	25/box	3.2	1.4

Hand Tools for Band and Buckle

Part No.	Description	Package Weight	
		Lbs.	Kg
C00169	BAND-IT Tool - For band widths from 3/16" to 3/4"	4.3	1.8
C00369	BAND-IT Heavy Duty Tool - For band widths from 3/16" to 3/4"	4.3	1.8
C07569	Bantam Tool Low torque - For band widths from 3/16" to 3/4"	2.6	1.1
C08569	Bantam strapping tool - Low torque for band widths from 3/16" to 3/4"	2.6	1.1
C40099	Ratchet Tool - For band widths from 3/16" to 3/4" Ratchet style alternative to C00169	3.3	1.4
G40269	Giant Tool - For use with all Giant Band	10.4	4.5
J02069	Pok-It II Tool with cutter - For band widths from 3/16" to 3/8" wide and BAND-IT Junior clamps 3/8" wide	0.8	0.3

Tools for Band



C00169 BAND-IT Tool



C00369 BAND-IT Heavy Duty Tool



C07569 Bantam Tool



C08569 Bantam Strapping Tool



C40099 Ratchet Tool



G40269 Giant Tool



J02069 Pok-It II Tool with Cutter

BAND-IT Band



EAR-LOKT Buckle

Giant Band



Giant EAR-LOKT Buckle



See page 3.

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Valustrap™

Part No.	Material*	Width		Thickness		Average Breaking Strength (lbs)	Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm			Lbs	Kg	
C13199	SS	3/16	4	0.015	0.38	280	100'/roll	1.2	0.5	C00169 C00369 C07569 C08569 C40099
C13399	SS	3/8	9	0.015	0.38	450	100'/roll	2.2	1.0	
C13499	SS	1/2	12	0.015	0.38	600	100'/roll	2.9	1.3	
C13599	SS	5/8	15	0.015	0.38	750	100'/roll	3.6	1.7	
C13699	SS	3/4	19	0.015	0.38	900	100'/roll	4.4	2.0	
C12799	SS	3/8	9	0.015	0.38	450	200'/roll	4.4	2.0	C40099
C12899	SS	1/2	12	0.015	0.38	600	200'/roll	5.8	2.6	
C12999	SS	5/8	15	0.015	0.38	750	200'/roll	7.3	3.2	
C13099	SS	3/4	19	0.015	0.38	900	200'/roll	8.8	3.9	

These products available in 300' rolls & Mill coil.

Valustrap™ Plus

Part No.	Material*	Width		Thickness		Average Breaking Strength (lbs)	Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm			Lbs	Kg	
C19199	SS	3/8	9	0.020	0.51	600	100'/roll	2.9	1.3	C00169
C18189	SS	1/2	12	0.020	0.51	850	100'/roll	3.8	1.7	C00369
C17199	SS	5/8	15	0.020	0.51	1000	100'/roll	5.6	2.6	C07569
C16189	SS	3/4	19	0.020	0.51	1275	100'/roll	5.7	2.5	C08569
C19399	SS	3/8	9	0.020	0.51	600	200'/roll	5.8	2.6	C40099
C18389	SS	1/2	12	0.020	0.51	850	200'/roll	7.6	3.4	
C17399	SS	5/8	15	0.020	0.51	1000	200'/roll	11.2	5.2	
C16389	SS	3/4	19	0.020	0.51	1275	200'/roll	11.4	5.0	

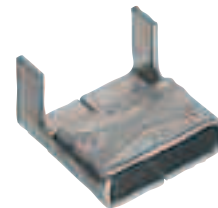
Valuband

Part No.	Material*	Width		Thickness		Average Breaking Strength (lbs)	Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm			Lbs	Kg	
C14499	SS	1/2	12	0.025	0.64	1000	100'/roll	4.5	2.0	C00169
C14599	SS	5/8	15	0.025	0.64	1250	100'/roll	5.6	2.6	C00369
C14699	SS	3/4	19	0.025	0.64	1590	100'/roll	6.7	3.0	C07569
C14899	SS	1/2	12	0.025	0.64	1000	200'/roll	9.0	4.0	C08569
C14999	SS	5/8	15	0.025	0.64	1250	200'/roll	11.2	5.2	C40099
C15099	SS	3/4	19	0.025	0.64	1590	200'/roll	13.4	6.0	

These products available in 300' rolls & Mill coil.

Valuclip

Part No.	Material*	Width		Package Quantity	Package Weight	
		In	mm		Lbs	Kg
C15199	SS	3/16	5	100/box	0.2	0.1
C15399	SS	3/8	9	100/box	0.6	0.3
C15499	SS	1/2	12	100/box	1.1	0.5
C15599	SS	5/8	15	100/box	1.2	0.5
C15699	SS	3/4	19	100/box	2.1	0.9



Valuclip

UL Listed

BAND-FAST

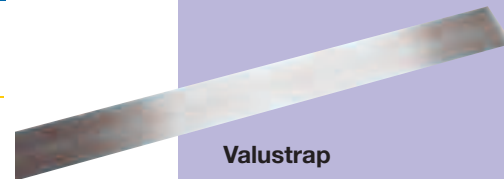
Ready to Use! Precut and Assembled with Clip

Part No. Material*		Width		Thickness		Length		Inside Diameter				Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm	In	cm	Single Wrap		Double Wrap			Lbs	Kg	
								In	mm	In	mm				
L20399	201 SS	1/4	6	0.020	0.51	10	25	2	50	not suggested		100/box	2.2	0.9	C00169 C00369 C07569 C08569 J02069 J07599
L20499	201 SS	1/4	6	0.020	0.51	16	40	3-1/2	88	1-1/2	38	100/box	3.1	1.4	
L20799	201 SS	1/4	6	0.020	0.51	19	48	5	127	2-1/2	63	100/box	3.5	1.6	
L20899	201 SS	1/4	6	0.020	0.51	26	68	7	177	3-1/2	88	100/box	4.6	2.1	
L21099	201 SS	1/4	6	0.020	0.51	34	86	9	228	4-1/2	114	100/box	5.6	2.6	
L22199	201 SS	3/8	9	0.025	0.63	16	40	3-1/2	88	1-1/2	38	100/box	6.2	2.8	
L22999	201 SS	3/8	9	0.025	0.63	44	112	12	304	6	152	25/box	3.6	1.6	
L24299	201 SS	1/2	12	0.030	0.76	18	45	4	101	2	50	100/box	10.5	4.8	
L24699	201 SS	1/2	12	0.030	0.76	31	78	8	203	4	101	25/box	4.7	2.1	
L26399	201 SS	5/8	15	0.030	0.76	21	53	5	127	2-1/2	63	100/box	15.1	6.8	
L27199	201 SS	5/8	15	0.030	0.76	56	142	16	406	8	203	25/box	9.0	4.1	
L27399	201 SS	5/8	15	0.030	0.76	69	508	20	254	10	175	25/box	10.7	4.8	
L28499	201 SS	3/4	19	0.030	0.76	24	60	6	152	3	76	50/box	10.9	4.9	
L28899	201 SS	3/4	19	0.030	0.76	37	93	10	254	5	127	25/box	7.6	3.5	
L29099	201 SS	3/4	19	0.030	0.76	50	127	14	355	7	177	25/box	9.7	4.4	
L29299	201 SS	3/4	19	0.030	0.76	62	157	18	457	9	228	25/box	11.6	5.3	



C40099 Ratchet Tool

For product information see page 11 .



Valustrap



C07569 Bantam Tool

For product information see page 11.



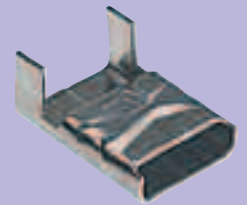
BAND-FAST

Precut and assembled with clip.

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

Stainless Steel Clip

Part No.	Material*	Width		Package Quantity	Package Weight	
		In	mm		Lbs	Kg
C25199	SS	3/16	5	100/box	0.2	0.1
C25299	SS	1/4	6	100/box	0.3	0.1
L15399	SS	3/8	10	100/box	0.9	0.4
L15499	SS	1/2	13	100/box	1.5	0.7
L15599	SS	5/8	16	100/box	1.8	0.8
L15699	SS	3/4	19	100/box	2.6	1.2



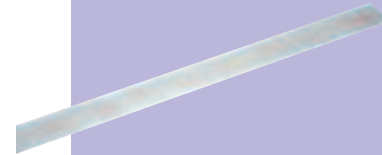
Stainless Steel Clip

Galvanized Carbon Steel Band

Part No.	Material*	Width		Thickness In mm	Average Breaking Strength (lbs)	Package Quantity	Package Weight		Application Tool(s)
		In	mm				Lbs	Kg	
C30399	GCS	3/8	10	0.025	700	100'/roll	3.3	1.6	C00169
C30499	GCS	1/2	13	0.030	1125	100'/roll	5.1	2.4	C00369
C30599	GCS	5/8	16	0.030	1405	100'/roll	6.4	3.0	C07569
C30699	GCS	3/4	19	0.030	1690	100'/roll	7.7	3.6	C08569

These products available in Mill coil.

C40099



Galvanized Carbon Steel Band

Galvanized Carbon Steel Ear-Lok Buckle

Part No.	Material*	Width		Package Quantity	Package Weight	
		In	mm		Lbs	Kg
C35399	GCS	3/8	10	100/Box	0.8	0.4
C35499	GCS	1/2	13	100/Box	2.1	1.0
C35599	GCS	5/8	16	100/Box	2.4	1.1
C35699	GCS	3/4	19	100/Box	3.7	1.7



C00369 BAND-IT
Heavy Duty Tool

For product information
see page 11.

304 Stainless Steel Band

Part No.	Material*	Width		Thickness In mm	Average Breaking Strength (lbs)	Package Quantity	Package Weight		Application Tool(s)
		In	mm				Lbs	Kg	
C90399	304 SS	3/8	10	0.015	450	200'/roll	4.4	2.0	C00169
C91399	304 SS	3/8	10	0.020	600	200'/roll	5.9	2.7	
C90499	304 SS	1/2	13	0.015	600	200'/roll	5.8	2.6	C00369
C91499	304 SS	1/2	13	0.020	850	200'/roll	7.6	3.4	C07569
C90599	304 SS	5/8	16	0.015	750	200'/roll	7.3	3.2	C08569
C91599	304 SS	5/8	16	0.020	1000	200'/roll	9.5	4.3	C40099
C90699	304 SS	3/4	19	0.015	900	200'/roll	8.8	3.9	C40099
C91699	304 SS	3/4	19	0.020	1275	200'/roll	11.3	5.0	



C00169 BAND-IT Tool
For product information
see page 11.

316 Stainless Steel Band Uncoated and Coated

Part No.	Material*	Width		Thickness In mm	Average Breaking Strength (lbs)	Package Quantity	Package Weight		Application Tool(s)
		In	mm				Lbs	Kg	
C40299	316 SS	1/4	6	0.020	400	100'/roll	1.7	0.9	C00169
C40399	316 SS	3/8	10	0.025	750	100'/roll	3.2	1.6	
C40499	316 SS	1/2	13	0.030	1200	100'/roll	5.1	2.4	C00369
C44499	316 SS	1/2	13	0.015	600	200'/roll	5.3	2.6	C07569
C40599	316 SS	5/8	16	0.030	1500	100'/roll	6.4	3.0	C08569
C44599	316 SS	5/8	16	0.015	750	200'/roll	6.6	3.2	C40099
C40699	316 SS	3/4	19	0.030	1800	100'/roll	7.7	3.6	J02069+
C44699	316 SS	3/4	19	0.015	900	200'/roll	7.8	3.7	J02069+

These products available in Mill coil.

+ The J02069 tool can be used with 1/4" and 3/8" wide products.

316 Stainless Steel Coated Band

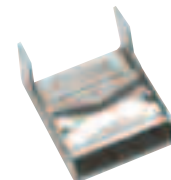
AE4329	316 SS	1/4	6	0.048**1.22**	335	82.5'/roll	2.0	0.9	C07569
AE4339	316 SS	3/8	10	0.048**1.22**	505	82.5'/roll	2.6	1.2	C08569
AE4349	316 SS	1/2	13	0.048**1.22**	670	82.5'/roll	3.5	1.6	C40099
AE4359	316 SS	5/8	16	0.048**1.22**	840	82.5'/roll	4.4	2.0	C40099
AE4369	316 SS	3/4	19	0.048**1.22**	1000	82.5'/roll	5.3	2.4	

**Material thickness includes PPA 571 coating - Base material thickness is 0.015".

316 Stainless Steel Clip

Part No.	Material*	Width		Package Quantity	Package Weight	
		In	mm		Lbs	Kg
AE4529	316 SS	1/4	6	100/box	0.3	0.1
AE4539	316 SS	3/8	10	100/box	0.6	0.3
AE4549	316 SS	1/2	13	100/box	1.0	0.4
AE4559	316 SS	5/8	16	100/box	1.1	0.5
AE4569	316 SS	3/4	19	100/box	1.3	0.6

* For use with coated band only



316 Stainless Steel Clip



316 Stainless Steel Band



316 Coated Stainless Steel Band



See page 3.

Ear-Lokt Buckle

Part No.	Material*	Width		Package Quantity	Package Weight	
		In	mm		Lbs	Kg
C45299	316 SS	1/4	6	100/box	0.3	0.1
C45399	316 SS	3/8	10	100/box	0.8	0.4
C45499	316 SS	1/2	13	100/box	2.1	1.0
C45599	316 SS	5/8	16	100/box	2.4	1.1
C45699	316 SS	3/4	19	100/box	3.7	1.7



EAR-Lokt Buckle



C00169 BAND-IT Tool
For product information see page 11.

Scru-Lokt Buckle

Part No.	Material*	Width		Package Quantity	Package Weight	
		In	mm		Lbs	Kg
C72099	301 SS 1/4 Hard	1/4	6	50/box	0.3	0.1
C72299	301 SS 1/4 Hard	3/8	10	50/box	0.5	0.2
C72499	301 SS 1/4 Hard	1/2	13	25/box	0.5	0.2
C72599	201 SS	5/8	16	25/box	0.8	0.4
C72699	201 SS	3/4	19	25/box	0.9	0.4



Scru-Lokt Buckle

For Pipe Patches see page 15.

317L Band

Part No.	Material*	Width		Thickness		Average Breaking Strength (lbs)	Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm			Lbs	Kg	
C41399	317L 1/4 Hard SS	3/8	10	0.030	0.76	1290	300'/roll	11.9	5.3	C00169
C42499	317L 1/4 Hard SS	1/2	13	0.020	0.51	1160	300'/roll	10.2	4.6	
C41499	317L 1/4 Hard SS	1/2	13	0.030	0.76	1725	300'/roll	15.9	7.2	C00369
C41599	317L 1/4 Hard SS	5/8	16	0.030	0.76	2150	300'/roll	19.9	9.0	C40099
C41699	317L 1/4 Hard SS	3/4	19	0.030	0.76	2580	300'/roll	23.9	10.8	

These products available in Mill coil.

Monel® 400 Band

Part No.	Material*	Width		Thickness		Average Breaking Strength (lbs)	Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm			Lbs	Kg	
C80399	Monel® 400	3/8	10	0.025	0.63	630	100'/roll	3.7	1.7	C00169
C80499	Monel® 400	1/2	13	0.030	0.76	1050	100'/roll	5.1	2.4	C00369
C80599	Monel® 400	5/8	16	0.030	0.76	1310	100'/roll	7.7	3.5	C40099
C80699	Monel® 400	3/4	19	0.030	0.76	1595	100'/roll	7.7	3.6	

Monel® 400 Buckle

Part No.	Material*	Width		Package Quantity	Package Weight	
		In	mm		Lbs	Kg
C85399	Monel® 400	3/8	10	100/box	0.8	0.4
C85499	Monel® 400	1/2	13	100/box	2.1	1.0
C85599	Monel® 400	5/8	16	100/box	2.4	1.0
C85699	Monel® 400	3/4	19	100/box	3.7	1.7



Monel® 400 Band

All Purpose Band

Part No.	Material*	Width		Thickness		Diameter of Hole		Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm	In	mm		Lbs	Kg	
AE4759	316 SS (coated)	1/2	13	0.050**	1.3**	3/16	5	82.5'/roll	3.1	1.4	n/a
AE4769	316 SS (coated)	3/4	19	0.050**	1.3**	9/32	7	82.5'/roll	5.3	2.4	
AE4779	316 SS (coated)	1	25	0.050**	1.3**	5/16	8	82.5'/roll	7.3	3.3	
AE4259	316 SS (uncoated)	1/2	13	0.030**	0.76**	3/16	5	82.5'/roll	3.1	1.4	
AE4269	316 SS (uncoated)	3/4	19	0.030**	0.76**	9/32	7	82.5'/roll	4.6	2.1	
AE4279	316 SS (uncoated)	1	25	0.030**	0.76**	5/16	8	82.5'/roll	5.5	2.5	

**Material thickness includes PPA 551 coating - Base material thickness is 0.030".

Q-Band™

Part No.	Material*	Width		Thickness		Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm		Lbs	Kg	
Q70499	White Plastic	1/2	13	0.030	0.76	100'/roll	0.8	0.3	Q72099

Q-Clip™

Part No.	Material*	Width		Package Quantity	Package Weight	
		In	mm		Lbs	Kg
Q71499	White Plastic	1/2	13	25/box	0.2	0.1



Q71499 Q-Clip™

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



All Purpose Band



Q70499 Q-Band™



Q72099 Q-Tool

BAND-IT Warehouse Kit C27599

- Portable rugged container, 16" x 8 1/2" x 9 3/4" (Weight: 51.5 lbs, 23.4 Kg).
- Kit includes: 1 each - C00169, close quarter tension nut, C20299, C20399, C20499, C20599, C20699, C25299, C25399, C25499, C25599, C72099, C72499, C72699.



C27599 BAND-IT Warehouse Kit

Pok-It Pak Kit J10099

- Polyethylene carrying case.
- Kit includes: 1 - J02069 Pok-It II tool, 1 - C20299, 1 - C20399, 1 - C25299, 1 - C25399, 1 - C72099, 1 - C72299, 80 - Junior smooth ID clamps (20 - 3/8" W x 13/16" dia, 20 - 3/8" W x 1 3/8" dia, 20 - 1/4" W x 3/4" dia, 20 - 3/8" W x 1 3/8" dia), 10 - BAND-FAST 1/4" W x 16" L, 10 - BAND-FAST 1/4" W x 34" L.



J10099 Pok-It Pak Kit

BAND-IT Band and Buckle Kit C27699 and C27799

- Basic starter kit in a polyethylene case.
- Two versions available.
- C27699, 1/2" band and buckle kit includes: 1 - C00169, 1 - C20499, 1 - C25499, 1 - C72499 (Weight: 17.2 lbs, 7.8 Kg).
- C27799, 3/4" band and buckle kit includes: 1 - C00169, 1 - C20699, 1 - C25699, 1 - C72699 (Weight: 21.6 lbs, 9.8 Kg).



C27699 BAND-IT Band and Buckle Kit

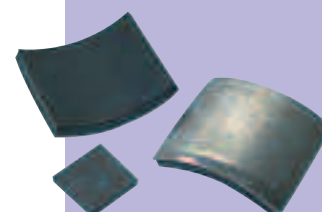
Pipe Patches

Temporary repair for pipe leaks, cracks, splits and holes.

- Broad size range in both flat and curved configurations for various pipe diameters.
- Metal backing lined with SBR compound allows patches to function in temperatures from 50° to +225°F.
- *Not recommended for use on toxic and caustic gas and liquid lines.*

Pipe Patches

Part No.	Size		Form	Package Quantity	Package Weight	
	Inches	mm			Lbs	Kg
D05089	1 x 1	25 x 25	Flat	30/box	0.3	0.1
D05199	2 x 2 1/2	50 x 63	Curved	10/box	0.9	0.4
D05299	3 x 3 1/2	76 x 88	Curved	10/box	1.9	0.9
D05499	3 1/2 x 4	88 x 101	Curved	10/box	2.5	1.1
D05599	3 1/2 x 6	88 x 152	Curved	5/box	1.9	0.9
D05699	3 1/2 x 8	88 x 203	Curved	5/box	2.6	1.2
D05799	3 1/2 x 10	88 x 254	Curved	5/box	3.4	1.6
D05399	Pipe Patch Kit Contains: 1-D05089, 1-D05199, 1-D05299		n/a	Kit	3.4	1.6



Pipe Patches



See page 3.

Brack-Its and Mounting Hardware

Brack-Its

- Used to mount traffic signs, security devices, and enclosures.
- Withstands stress and wind vibration with specially designed reinforcement ribs.
- Fully threaded to solidly anchor attachment bolts.
- Hex head bolts with metal and fiber washer, no nuts required.
- Applied with BAND-IT BAND and Buckles, Valustrap™, Valustrap Plus™ or BAND-FAST.

Mini Brack-It

Part No.	Description	Thickness		Package Quantity	Package Weight	
		In	mm		Lbs	Kg
D31099	Flared Leg mini-Brack-It, SS with SS bolt and fiber washer. 1/2" slot	0.050	1.3	50/box	3.0	1.5
D31599	Straight Leg mini-Brack-It, SS, with SS bolt and fiber washer. 1/2" slot	0.050	1.3	50/box	3.0	1.5
D30288	5/16-24 x 1/2" Hex Head SS bolt, washer and fiber washer for mini-Brack-It	-	-	50/box	1.0	0.5

1-Bolt Flared Leg Brack-It

Part No.	Description	Thickness		Package Quantity	Package Weight	
		In	mm		Lbs	Kg
D02189	Single bolt flared leg SS Brack-It with SS bolt, washer and fiber washer. 3/4" slot	0.070	1.8	50/box	7.0	3.2
D02299	Single bolt flared leg SS Brack-It only. 3/4" slot	0.070	1.8	50/box	5.5	7.5

1-Bolt Straight Leg Brack-It

Part No.	Description	Thickness		Package Quantity	Package Weight	
		In	mm		Lbs	Kg
D00189	Single bolt straight leg SS with SS bolt, washer and fiber washer. 3/4" slot	0.070	1.8	50/box	7.0	3.2
D00499	Single bolt straight leg SS Brack-It only. 3/4" slot	0.070	1.8	50/box	5.6	2.5

2-Bolt Brack-It

Part No.	Description	Thickness		Package Quantity	Package Weight	
		In	mm		Lbs	Kg
D00889	2 bolt straight leg SS Brack-It with SS Bolt, washer, and fiber washer. 3/4" slot	0.070	1.8	50/box	9.2	4.2
D00999	2 bolt straight leg SS Brack-It only. 3/4" slot	0.070	1.8	50/box	7.1	3.2

Bolts and Washers for Brack-Its

Part No.	Description	Package Quantity	Package Weight	
			Lbs	Kg
D00299	5/16"-18 x 3/4" Hex Head SS bolt, washer and fiber washer	50/ bag	1.3	0.6

L-Mount Right Angle Brack-It

Part No.	Description	Package Quantity	Package Weight	
			Lbs	Kg
D00799	L-Mount right angle Brack-It, 0.070" thick SS, includes two bolt holes suitable for 5/16" or 1/4" bolts. Solid anchor for signs mounted at right angle. Does not include bolts.	50/box	4.4	2.0



Flared Leg Mini-Brack-It

Straight Leg Mini-Brack-It

Single Bolt Flared Leg

Single Bolt Straight Leg

2 Bolt Straight Leg

L-Mount Right Angle Brack-It

Mounting Plate

Part No.	Description	Package Quantity	Package Weight	
			Lbs	Kg
D51089	Mounting Plate, Aluminum, 1-1/2" (3.81 mm) x 4-3/4" (120.7mm) with a 2" long 5/8" plated bolt. Band slot width 1-3/8" accommodates double wrap 1-1/4" Giant Band	25/box	15.0	6.8
D51289	Mounting Plate, Aluminum, 1-1/2" x 5-1/4" with a 2" long 5/8" plated bolt. Band slot width 1-3/8" accommodates double wrap 1-1/4" Giant Band	25/box	21.3	9.6
D51389	Mounting Plate, Aluminum, 1-1/2" x 5-1/4" with a 3" long 5/8" plated bolt. Band slot width 1-3/8" accommodates double wrap 1-1/4" Giant Band	25/box	21.3	9.6

- Aluminum extruded plate with 5/8" - 11 x 2" (50.8mm) plated bolt and nut.
- Available in two different sizes.
- Band slot width 1.375" to accommodate a single or double wrap of our 1 1/4" wide X .044 thick Giant Band.

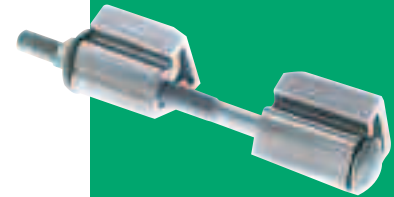


D51089 Mounting Plate

BAND-IT Bolt/Clamp

Part No.	Description	Package Quantity	Package Weight	
			Lbs	Kg
D50089	Bolt/Clamp. Includes a 3/8-16 X 6.0" carriage bolt. Slot will accommodate 3/4" width Giant Band	50/box	23.7	10.8
D50489	Bolt/Clamp. Includes a 5/8-11 X 8.0" carriage bolt. Slot will accommodate 1-1/4" width Giant Band	25/box	33.0	15.0

- Aluminum extruded housing with plated carriage bolt, nut and washer.
- To be used with Giant Band.



BAND-IT Bolt/Clamp

Signal Mounts 1-1/2" NPT

Part No.	Description	Package Quantity	Package Weight	
			Lbs	Kg
D04099	Signal Mount, 1-1/2" NPT	25/box	19.4	8.8
D04599	Narrow Back Signal Mount, 1-1/2" NPT	25/box	18.3	8.3

- Attach to pole with 3/4" Ultra-Lok or BAND-IT band.
- Radius of standard Signal Mount accommodates a large range of pole diameters.
- Narrow Back Signal Mount can be used on small diameter poles or for mounting on poles with flat surfaces.



Signal Mounts

Coated Clamps and Hardware

These clamps can be applied to many BAND-IT products to match contemporary styles of posts, poles, and mounting hardware with durable, color-coordinated finishes. Refer to page 12 for BAND-FAST product information. Also available in Ultra-Lok style. Contact BAND-IT for pricing and availability.



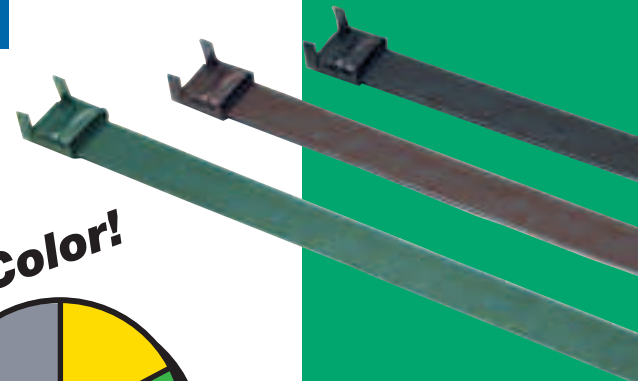
BEFORE



AFTER

custom color coating
from **BAND-IT**

Any Color!



See page 3.

Identification Systems

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

ID Tagging System

Part No.	Material*	Height	Length	Thickness		Package Quantity	Package Weight	
				In	mm		Lb	Kg
ID1009	304 SS	0.75	2.0	0.015	0.38	100/box	0.5	0.2
ID1029	304 SS	0.75	3.5	0.015	0.38	100/box	0.8	0.4
ID1019	304 SS	1.50	2.5	0.015	0.38	100/box	1.2	0.6
ID4409	316 SS	0.75	2.0	0.015	0.38	100/box	0.5	0.2
ID4429	316 SS	0.75	3.5	0.015	0.38	100/box	0.8	0.4
ID4419	316 SS	1.50	2.5	0.015	0.38	100/box	1.2	0.6

ID Guide Kit - To replace the tag holder assembly on the ID200 series tag imprinter for imprinting 1/4" SS ties.

Part No. ID2859

Fixture to imprint directly onto Tie-Lok Ties
Weight: 0.5 Lbs. (.02 Kg)

ID Tag Imprinter Tool

Part No.	Tool supplied with:
ID2026	1/16" character wheel
ID2006	3/32" character wheel
ID2036	1/8" character wheel
ID2046	3/16" character wheel
ID2056	1/4" character wheel

Letter Dial Kits

Part No.	Kit supplied with:
ID2816	1/16" character wheel
ID2906	3/32" character wheel
ID2826	1/8" character wheel
ID2836	3/16" character wheel
ID2846	1/4" character wheel

Custom Embossed Tags

Part No.	Material*	Height	Length	Thickness		Package Quantity	Package Weight	
				In	mm		Lbs	Kg
ID1039	304 SS	0.75	2.0	0.015	0.38	Each	0.1	0.1
ID1059	304 SS	0.75	3.5	0.015	0.38	Each	0.1	0.1
ID1049	304 SS	1.50	2.5	0.015	0.38	Each	0.2	0.1
ID4609	316 SS	0.75	2.0	0.015	0.38	Each	0.1	0.1
ID4629	316 SS	0.75	3.5	0.015	0.38	Each	0.1	0.1
ID4619	316 SS	1.50	2.5	0.015	0.38	Each	0.2	0.1

Stainless Steel Tape Embossing System

Part No.	Description	Package Quantity	Package Weight	
			Lbs	Kg
ID4002	Stainless Steel Tape Embossing Tool includes 2 rolls of SS tape	Each	2.6	1.2
ID4059	304 SS Tape for Embossing Tool, 1/2" x 21' x 0.005"	Each	0.2	0.4

With the portable tape embossing tool and a roll of stainless steel tape, you can quickly and easily produce I.D. tags which can be attached with your choice of BAND-IT ties.

ID Kit - An assortment of blank ID tags to use with the ID Tagging System. Also, includes various Tie-Lok ties and Tie-Lok tool for tag fastening.

Part No. ID3009

- Package Weight: 22.7 Lbs (10.3 Kg)
- Kit Contains: 1-A92079, 2-ID1029, 1-ID1019, 1-ID1009, 1-AS2119, 2-AS2129, 1-AS2139

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



Limited to 0.020" material

ID Tag Imprinter

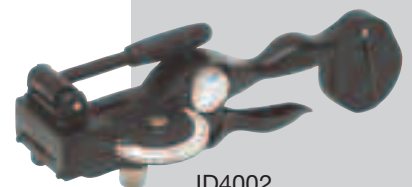


Imprinter Tags: ID1029, ID4429

Customized Embossed Tags:
ID1039,
ID4609



Custom Embossing Factory Service



ID4002



ID Kit ID3009

EASY READ Identification Systems

- 316 Stainless Steel.
- Easy to read in dim light and inaccessible places.
- Complete range of individual letters, numbers, and symbols.
- EASY CARRIERS are fastened with a variety of BAND-IT cable ties.
- Slide directly onto cable ties to create a self-contained wrap tag.
- EASY STRIPS are used to create your own carrier in multiple colors for identification.
- Contact us for colors other than black.

EASY READ Characters

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

EASY CARRIERS can be attached with any 1/4" tie. (Tie-Lok shown)



EASY READ characters slide onto any 1/4" tie. (Multi-Lok tie left, BAND-IT tie right)



Pre-punched hole in EASY CARRIER allows insertion of Mini Tie-Lok to make a flag tag.



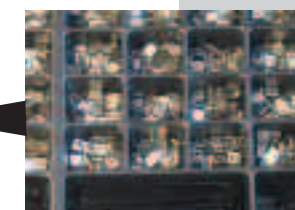
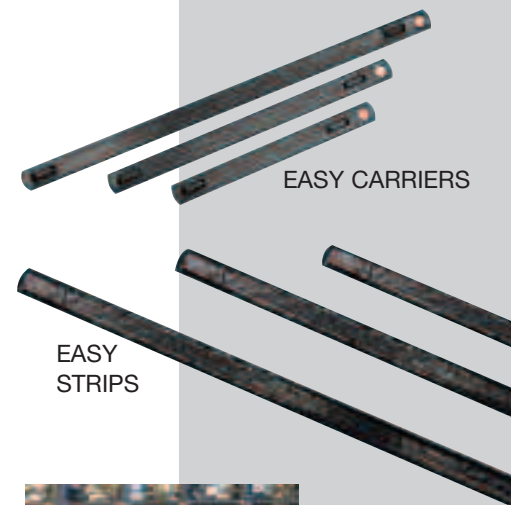
Carriers and Strips

Part No.	Description	Width		Length		Package Quantity	Package Weight	
		In	mm	In	mm		In	mm
AE0439	EASY CARRIER 6	0.380	10	3.6	93	100/bag	0.8	0.4
AE0449	EASY CARRIER 10	0.380	10	5.1	131	100/bag	1.3	0.6
AE0459	EASY CARRIER 16	0.380	10	7.3	188	100/bag	1.5	0.7
AE0509	EASY STRIP Black	0.380	10	4.2	108	100/bag	1.0	0.5
AE0519	EASY STRIP Black	0.380	10	5.7	146	100/bag	1.4	0.6
AE0529	EASY STRIP Black	0.380	10	8.0	203	100/bag	1.9	0.9

EASY STRIPS are also available coated in PPA 571 in a variety of colors. Contact us.
EASY CARRIERS are available in black Nylon 11 coated Stainless Steel only.

EASY READ Kit - An assortment of characters, carriers, and strips in a convenient carry case.

- AE0609
- Weight: 5.60 Lbs (2.54 Kg).
- Kit includes: Carrying case, 50 of each character, carriers and strips.



See page 3.

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Stainless Steel Ties

Bundle, Tie, Fasten with a wide variety of locking styles to meet your application needs.

Cable Tie Selection Guide

Material	Tie-Lok® 201 SS 304 SS 316 SS	Ultra-Lok® 201 SS	Ball-Lok 304 SS 316 SS	Multi-Lok 304 SS 316 SS	BAND-IT® SS	Self-Lok® 304 SS 316 SS	Band-Lok® 201 SS	Tie-Dex® 304 SS
Nylon 11 Coating	No	No	Yes	Yes	Yes	No	No	No
Releasable	No	No	No	No	Yes	No	No	No
Tool Required	Yes	Yes	No	No	No	No	Yes	Yes
Hand Tool	A91079/A92079	A94079	K50289	M50389	AE2018	K50289	A95079	A40199/A30199
Self-Locking	No	No	Yes	Yes	No	Yes	No	No

BAND-IT is proud to deliver a complete selection of strong, corrosion-resistant ties. The buckle is part of the tie, making installation easier. Use the helpful table above to determine the correct cable ties for your specific application.



Tie-Lok® and Mini Tie-Lok® Ties

- Smooth ID ties.
- A strong patented dimple lock.
- Low-profile.
- Provides fast, reliable, consistent clamp.
- Great for bundling cable.
- Tie-Lok Tie applied with A92079 hand tool.
- Tie-Lok Mini Tie applied with A91079 hand tool.



Ultra-Lok® Ties

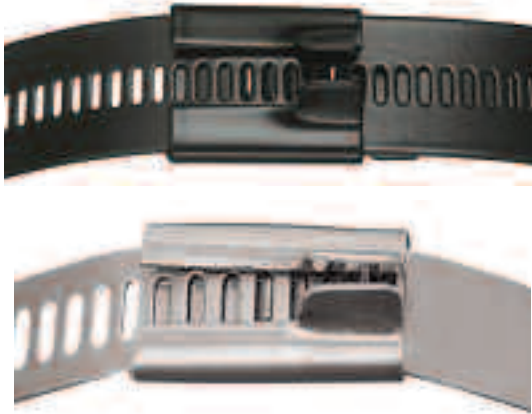
- Smooth ID.
- Stainless Steel tie with Ultra-Lok locking style.
- Provides fast, reliable, consistent clamp.
- Great for bundling cable.
- Applied with A94079 hand tool.



Ball-Lok

- Self-locking ties.
- Apply by hand or with K50289 hand tool.
- Available in two widths: 0.180" and 0.310".
- Speedy application.
- Selectively coated or uncoated styles available.

To select the correct tie length add 2" for insertion into the tool.



Multi-Lok®

- Self-locking ties.
- Apply by hand or with M50389, AE2009 or AE2018 hand tools.
- Available in two widths: 0.270" and 0.470".
- Fast, easy application.
- Install by hand or with a variety of tools.
- Unique multiple locking system.
- Coated with Nylon 11 or uncoated.



BAND-IT® Ties

- Apply by hand or with AE2009 or AE2018 hand tools.
- Available in three widths: 1/4", 3/8", and 5/8".
- Can easily be unfastened for reuse.
- Unique buckle design.
- Coated with Nylon 11.
- The only Tie capable of a double wrap for special strength requirements.



Self-Lok® Ties

- Apply by hand or with K50289 hand tool.
- Extremely strong (higher strength than Ball-Lok).
- Low-profile buckle design.



Band-Lok® Ties

- Apply with A95079 hand tool.
- Economical, low profile clamp.
- Apply on irregular shapes.

To select the correct tie length add 2" for insertion into the tool.



See page 3.

UL Listed, DNV Approved

Tie-Lok Tie

Part No.	Material*	Width In mm	Length In mm	Thickness In mm	Inside Diameter Single Wrap In mm	Minimum Loop Tensile Strength (Lbs)	Package Quantity	Package Weight Lbs Kg	Application Tool(s)
AS2119	304 SS	1/4 6	10.0 254	0.015 0.38	2 51	250	100/bag	1.2 0.6	A92079 IT1000
AS2129	304 SS	1/4 6	16.5 419	0.015 0.38	4 101	250	100/bag	1.8 0.9	
AS2139	304 SS	1/4 6	22.5 572	0.015 0.38	6 152	250	100/bag	2.6 1.2	
AS2149	304 SS	1/4 6	29.0 737	0.015 0.38	8 203	250	100/bag	3.3 1.5	
AS2159	304 SS	1/4 6	35.0 889	0.015 0.38	10 254	250	100/bag	3.9 1.8	
AS4119	316 SS	1/4 6	10.0 254	0.015 0.38	2 51	250	100/bag	1.2 0.6	A92079 IT1000
AS4129	316 SS	1/4 6	16.5 419	0.015 0.38	4 101	250	100/bag	1.8 0.9	
AS4139	316 SS	1/4 6	22.5 572	0.015 0.38	6 152	250	100/bag	2.6 1.2	
AS4149	316 SS	1/4 6	29.0 737	0.015 0.38	8 203	250	100/bag	3.3 1.5	
AS4159	316 SS	1/4 6	35.0 889	0.015 0.38	10 254	250	100/bag	3.9 1.8	
AS6219	304 SS	3/8 10	7.2 184	0.020 0.50	1.5 40	350	100/bag	1.9 0.9	IT6000
AS6229	304 SS	3/8 10	10.0 254	0.020 0.50	2 51	350	100/bag	2.6 1.2	
AS6239	304 SS	3/8 10	16.0 406	0.020 0.50	4 101	350	100/bag	3.9 1.8	
AS6249	304 SS	3/8 10	22.5 572	0.020 0.50	6 152	350	100/bag	5.3 2.4	
AS6259	304 SS	3/8 10	29.0 737	0.020 0.50	8 203	350	100/bag	6.7 3.1	



A92079 Tie-Lok II Tool
Adjustable tension, forms lock, cuts off tail.



Tie-Lok Tie

UL Listed, CE Marked, DNV Approved

Mini Tie-Lok Tie

Part No.	Material*	Width In mm	Length In mm	Thickness In mm	Inside Diameter Single Wrap In mm	Minimum Loop Tensile Strength (Lbs)	Package Quantity	Package Weight Lbs Kg	Application Tool(s)
AS2219	304 SS	0.177 5	7.0 165	0.015 0.38	1 25	100	100/bag	0.7 0.3	A91079 IT0750
AS2229	304 SS	0.177 5	10.0 254	0.015 0.38	2 51	100	100/bag	0.9 0.4	
AS2239	304 SS	0.177 5	16.0 406	0.015 0.38	4 102	100	100/bag	1.4 0.7	
AS2249	304 SS	0.177 5	22.5 572	0.015 0.38	6 152	100	100/bag	1.9 0.9	
AS2259	304 SS	0.177 5	29.0 737	0.015 0.38	8 203	100	100/bag	2.4 1.1	
AS4219	316 SS	0.177 5	7.0 165	0.015 0.38	1 25	100	100/bag	0.7 0.3	A91079 IT0750
AS4229	316 SS	0.177 5	10.0 254	0.015 0.38	2 51	100	100/bag	0.9 0.4	
AS4239	316 SS	0.177 5	16.0 406	0.015 0.38	4 102	100	100/bag	1.4 0.7	
AS4249	316 SS	0.177 5	22.5 572	0.015 0.38	6 152	100	100/bag	1.9 0.9	
AS4259	316 SS	0.177 5	29.0 737	0.015 0.38	8 203	100	100/bag	2.4 1.1	



A91079 Mini Tie-Lok II Tool
Adjustable tension, forms lock, cuts off tail.

CE Marked

Ultra-Lok Tie

Part No.	Material*	Width In mm	Length In mm	Thickness In mm	Inside Diameter Single Wrap In mm	Minimum Loop Tensile Strength (Lbs)	Package Quantity	Package Weight Lbs Kg	Application Tool(s)
AU2029	201 SS	1/4 6	8 203	0.015 0.38	1.5 38	400	100/bag	1.0 0.5	A94079 IT3000
AU2039	201 SS	1/4 6	10 254	0.015 0.38	2.5 63	400	100/bag	1.2 0.6	
AU2049	201 SS	1/4 6	12 305	0.015 0.38	3.0 76	400	100/bag	1.4 0.7	
AU2059	201 SS	1/4 6	14 356	0.015 0.38	3.8 96	400	100/bag	1.6 0.8	
AU2069	201 SS	1/4 6	16 406	0.015 0.38	4.5 114	400	100/bag	1.9 0.9	
AU2079	201 SS	1/4 6	19 483	0.015 0.38	5.4 137	400	100/bag	2.2 1.0	
AU2089	201 SS	1/4 6	24 610	0.015 0.38	7.0 177	400	100/bag	2.7 1.3	
AU2099	201 SS	1/4 6	29 737	0.015 0.38	8.0 215	400	100/bag	3.3 1.5	
AU2159	201 SS	1/4 6	35 889	0.015 0.38	10.5 266	400	100/bag	3.9 1.8	



A94079 Ultra-Lok Tool
Adjustable tension, forms lock, cuts off tail.



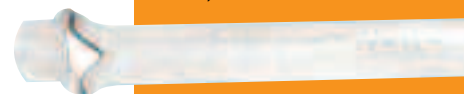
Ultra-Lok Tie

Band-Lok Tie

Part No.	Material*	Width		Length		Thickness		Inside Diameter		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm	In	mm	In	mm			Lbs	Kg	
BL2119	201 SS	5/16	8	10.0	254	0.015	0.38	2.0	51	250	100/bag	1.4	0.7	A95079
BL2129	201 SS	5/16	8	16.0	406	0.015	0.38	3.5	89	250	100/bag	2.3	1.1	
BL2139	201 SS	5/16	8	19.0	482	0.015	0.38	5.0	127	250	100/bag	3.1	1.5	
BL2149	201 SS	5/16	8	27.0	686	0.015	0.38	7.0	178	250	100/bag	3.9	1.8	
BL2159	201 SS	5/16	8	34.0	864	0.015	0.38	9.0	229	250	100/bag	4.7	2.2	



A95079 Band-Lok Tool
Adjustable tension, forms lock, cuts off tail.



Band-Lok Tie

CE Marked, DNV Approved, Coast Guard Approved

Ball-Lok Tie

Part No.	Material*	Width		Length		Base Material Thickness		Inside Diameter		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm	In	mm	In	mm			Lbs	Kg	
KE1128	-	304 SS	0.180	5	7.9	201	0.010	2.0	50	200	100/bag	0.6	0.3	K50289 or by hand
KE1138	-	304 SS	0.180	5	10.2	259	0.010	2.7	69	200	100/bag	0.7	0.4	
KE1148	-	304 SS	0.180	5	14.2	360	0.010	4.0	102	200	100/bag	0.9	0.5	
KE1158	-	304 SS	0.180	5	20.4	520	0.010	6.0	152	200	100/bag	1.3	0.6	
KE1168	-	304 SS	0.180	5	26.8	679	0.010	8.0	203	200	100/bag	1.8	0.8	
KE1178	-	304 SS	0.180	5	33.0	838	0.010	10.0	254	200	100/bag	2.1	1.0	K50289 Ball-Lok Tool Adjustable tension, forms lock, cuts off tail.
KE1188	-	304 SS	0.180	5	42.0	1067	0.010	12.0	305	200	100/bag	2.4	1.1	
KE0128	-	316 SS	0.180	5	7.9	201	0.010	2.0	50	200	100/bag	0.6	0.3	
KE0138	-	316 SS	0.180	5	10.2	259	0.010	2.7	69	200	100/bag	0.7	0.4	
KE0148	-	316 SS	0.180	5	14.2	360	0.010	4.0	102	200	100/bag	0.9	0.5	
KE0158	-	316 SS	0.180	5	20.4	520	0.010	6.0	152	200	100/bag	1.3	0.6	K50289 Ball-Lok Tool Adjustable tension, forms lock, cuts off tail.
KE0168	-	316 SS	0.180	5	26.8	679	0.010	8.0	203	200	100/bag	1.8	0.8	
KE0178	-	316 SS	0.180	5	33.0	838	0.010	10.0	254	200	100/bag	2.1	1.0	
KE0188	-	316 SS	0.180	5	42.0	1067	0.010	12.0	305	200	100/bag	2.4	1.1	
KE1328	-	304 SS	0.310	8	7.9	201	0.010	2.0	50	300	100/bag	1.0	0.5	
KE1338	-	304 SS	0.310	8	10.2	259	0.010	2.7	69	300	100/bag	1.3	0.6	K50289 Ball-Lok Tool Adjustable tension, forms lock, cuts off tail.
KE1348	-	304 SS	0.310	8	14.2	360	0.010	4.0	102	300	100/bag	1.7	0.8	
KE1358	-	304 SS	0.310	8	20.4	520	0.010	6.0	152	300	100/bag	2.2	1.1	
KE1368	-	304 SS	0.310	8	26.8	679	0.010	8.0	203	300	100/bag	2.9	1.3	
KE1378	-	304 SS	0.310	8	33.0	838	0.010	10.0	254	300	100/bag	3.5	1.6	
KE1388	-	304 SS	0.310	8	42.0	1067	0.010	12.0	305	300	100/bag	4.6	2.1	K50289 Ball-Lok Tool Adjustable tension, forms lock, cuts off tail.
KE0328	-	316 SS	0.310	8	7.9	201	0.010	2.0	50	300	100/bag	1.0	0.5	
KE0338	-	316 SS	0.310	8	10.2	259	0.010	2.7	69	300	100/bag	1.3	0.6	
KE0348	-	316 SS	0.310	8	14.2	360	0.010	4.0	102	300	100/bag	1.7	0.8	
KE0358	-	316 SS	0.310	8	20.4	520	0.010	6.0	152	300	100/bag	2.2	1.1	
KE0368	-	316 SS	0.310	8	26.8	679	0.010	8.0	203	300	100/bag	2.9	1.3	K50289 Ball-Lok Tool Adjustable tension, forms lock, cuts off tail.
KE0378	-	316 SS	0.310	8	33.0	838	0.010	10.0	254	300	100/bag	3.5	1.6	
KE0388	-	316 SS	0.310	8	42.0	1067	0.010	12.0	305	300	100/bag	4.6	2.1	
-	KE0828	316 SS	0.310	8	7.9	201	0.010	2.0	50	300	100/bag	1.2	0.6	
-	KE0848	316 SS	0.310	8	14.2	360	0.010	4.0	102	300	100/bag	1.8	0.9	
-	KE0858	316 SS	0.310	8	20.4	520	0.010	6.0	152	300	100/bag	2.5	1.2	K50289 Ball-Lok Tool Adjustable tension, forms lock, cuts off tail.



K50289 Ball-Lok Tool
Adjustable tension, forms lock, cuts off tail.



Ball-Lok Ties

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



See page 3.

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UL listed, CE Marked, DNV Approved

Multi-Lok Tie

Part No.		Material*	Width		Length		Thickness				Inside Diameter		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Package Weight		Application Tool(s)
Uncoated	Coated		In	mm	In	mm	Uncoated In	Coated mm	In	mm	Single Wrap In	mm			Lbs	Kg	
AE6019	AE6119	316 SS	0.270	7	6.0	150	0.011	0.28	0.018	0.46	1.3	33	250	100/bag	0.7	0.3	AE2009 AE2018 M50389 or by hand
AE6029	AE6129	316 SS	0.270	7	9.0	225	0.011	0.28	0.018	0.46	2.2	57	250	100/bag	0.9	0.5	
AE6039	AE6139	316 SS	0.270	7	12.0	300	0.011	0.28	0.018	0.46	3.2	81	250	100/bag	1.3	0.6	
AE6049	AE6149	316 SS	0.270	7	18.0	450	0.011	0.28	0.018	0.46	5.1	129	250	100/bag	1.8	0.8	
AE6059	AE6159	316 SS	0.270	7	24.0	610	0.011	0.28	0.018	0.46	7.1	180	250	100/bag	2.6	1.2	
AE7019	AE7119	316 SS	0.470	12	6.0	150	0.011	0.28	0.018	0.46	1.3	33	250	100/bag	1.1	0.5	
AE7029	AE7129	316 SS	0.470	12	9.0	225	0.011	0.28	0.018	0.46	2.2	57	250	100/bag	1.7	0.8	
AE7039	AE7139	316 SS	0.470	12	12.0	300	0.011	0.28	0.018	0.46	3.2	81	250	100/bag	2.2	1.0	
AE7049	AE7149	316 SS	0.470	12	18.0	450	0.011	0.28	0.018	0.46	5.1	129	250	100/bag	3.0	1.4	
AE7059	AE7159	316 SS	0.470	12	24.0	610	0.011	0.28	0.018	0.46	7.1	180	250	100/bag	4.3	2.0	

UL listed, DNV Approved, CE Marked, Coast Guard Approved (5/8" widths)

BAND-IT Tie

Part No.		Material*	Width		Length		Thickness		Inside Diameter	Minimum Loop Tensile Strength	Package Quantity	Package Weight		Application Tool(s)
Coated			In	mm	In	mm	Coated In	mm				Lbs	Kg	
AE1118	SS	1/4	6	6.0	152	0.026	0.66	1.5	38	75/300**	100/bag	1.4	0.6	AE2018 AE2009 C07569 or by hand
AE1128	SS	1/4	6	9.0	229	0.026	0.66	2.5	63	75/300**	100/bag	1.8	0.8	
AE1138	SS	1/4	6	12.0	305	0.026	0.66	3.4	86	75/300**	100/bag	2.1	1.0	
AE1148	SS	1/4	6	18.0	457	0.026	0.66	5.4	137	75/300**	100/bag	3.0	1.4	
AE1158	SS	1/4	6	24.0	610	0.026	0.66	7.3	185	75/300**	100/bag	3.7	1.7	
AE3118	SS	3/8	10	6.0	152	0.026	0.66	1.5	38	100/500**	100/bag	1.8	0.8	
AE3128	SS	3/8	10	9.0	229	0.026	0.66	2.5	63	100/500**	100/bag	2.5	1.1	
AE3138	SS	3/8	10	12.0	305	0.026	0.66	3.4	86	100/500**	100/bag	3.1	1.4	
AE3148	SS	3/8	10	18.0	457	0.026	0.66	5.4	137	100/500**	100/bag	4.4	2.2	
AE3158	SS	3/8	10	24.0	610	0.026	0.66	7.3	185	100/500**	100/bag	6.6	3.0	
AE3168	SS	3/8	10	30.0	762	0.026	0.66	9.1	231	100/500**	100/bag	7.0	3.2	
AE3178	SS	3/8	10	36.0	914	0.026	0.66	11.0	280	100/500**	100/bag	8.3	3.8	
AE8638	SS	5/8	16	12.0	305	0.044	1.1	3.4	86	200/800**	100/bag	5.6	2.5	
AE8648	SS	5/8	16	18.0	457	0.044	1.1	5.4	137	200/800**	100/bag	7.6	3.5	
AE8658	SS	5/8	16	24.0	610	0.044	1.1	7.3	185	200/800**	100/bag	9.7	4.4	
AE8668	SS	5/8	16	30.0	762	0.044	1.1	9.1	231	200/800**	100/bag	11.9	5.4	
AE8678	SS	5/8	16	36.0	914	0.044	1.1	11.0	280	200/800**	100/bag	13.9	6.4	

**Single/Double Wrapped

Material thickness includes Nylon 11 coating - Base material thicknesses uncoated: 1/4" is 0.015"; 3/4" is 0.015"; 5/8" is 0.020

UL listed

Self-Lok Tie

Part No.		Material*	Width		Length		Thickness		Inside Diameter	Minimum Loop Tensile Strength	Package Quantity	Package Weight		Application Tool(s)
Coated			In	mm	In	mm	In	mm				Lbs	Kg	
K01199	304 SS	3/16	5	5.4	137	0.010	0.25	1.0	25	150	100/bag	0.4	0.2	K50289 or by hand
K01299	304 SS	3/16	5	8.4	213	0.010	0.25	2.0	51	150	100/bag	0.5	0.2	
K01399	304 SS	3/16	5	10.9	276	0.010	0.25	2.7	69	150	100/bag	0.7	0.3	
K01499	304 SS	3/16	5	14.9	378	0.010	0.25	4.0	102	150	100/bag	0.9	0.5	
K01599	304 SS	3/16	5	20.9	530	0.010	0.25	6.0	153	150	100/bag	1.2	0.6	
K01699	304 SS	3/16	5	27.4	695	0.010	0.25	8.0	203	150	50/bag	0.8	0.4	
K01799	304 SS	3/16	5	33.4	848	0.010	0.25	10.0	254	150	50/bag	1.0	0.5	
K01899	304 SS	3/16	5	42.4	1076	0.010	0.25	12.0	305	150	50/bag	1.2	0.6	
K01999	304 SS	3/16	5	47.4	1203	0.010	0.25	14.0	356	150	50/bag	1.3	0.6	
K04199	316 SS	3/16	5	5.4	137	0.010	0.25	1.0	25	150	100/bag	0.4	0.2	
K04299	316 SS	3/16	5	8.4	213	0.010	0.25	2.0	51	150	100/bag	0.5	0.3	
K04399	316 SS	3/16	5	10.9	276	0.010	0.25	2.7	69	150	100/bag	0.7	0.4	
K04499	316 SS	3/16	5	14.9	378	0.010	0.25	4.0	102	150	100/bag	0.9	0.5	
K04599	316 SS	3/16	5	20.9	530	0.010	0.25	6.0	152	150	100/bag	1.2	0.6	
K04699	316 SS	3/16	5	27.4	695	0.010	0.25	8.0	203	150	50/bag	0.8	0.4	
K04799	316 SS	3/16	5	33.4	848	0.010	0.25	10.0	254	150	50/bag	1.0	0.5	
K04899	316 SS	3/16	5	42.4	1076	0.010	0.25	12.0	305	150	50/bag	1.2	0.6	
K04999	316 SS	3/16	5	47.4	1203	0.010	0.25	14.0	356	150	50/bag	1.3	0.6	

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



AE2009 Cable Tie Tensioner



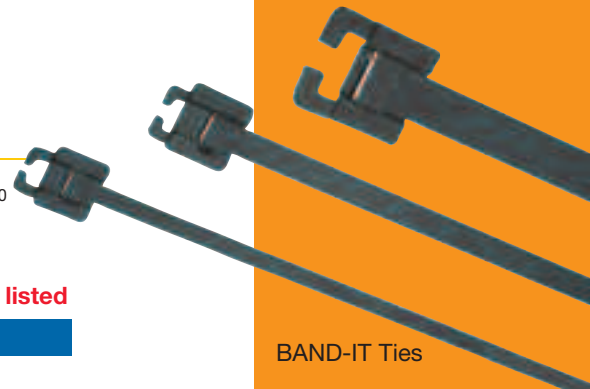
M50389 Multi-Lok Hand Tool
Adjustable tension, forms lock, cuts off tail.



Multi-Lok Ties



AE2018 Tensioning Hook



BAND-IT Ties



K50289 Ball-Lok™ or Self-Lok Hand Tool
Adjustable tension, forms lock, cuts off tail.



Self-Lok Ties

“IT-Series” Heavy-Duty Pneumatic Production Tools

Easy, high-speed, uniform applications.

The IT series heavy-duty pneumatic tools provide fast and easy application of stainless steel ties and clamps with extended service life and low maintenance.

Use the “IT-Series” tool when:

- Clamp volume demands a production tool.
- Installation time should be minimized.
- Maximum installation uniformity and repeatability are required.
- Operator fatigue must be reduced.
- More time is needed between scheduled tool maintenance and calibration.

“IT-Series” tools feature:

- Can be fixtured into production system.
- Variety of head configurations that allow installation of:
 - 1/4" and 3/8" Tie-Lok.
 - 1/4" and 3/8" Junior Clamps
 - 1/4" Ultra-Lok
 - 1/4" Band-Lok ties.
 - Tie-Dex bands.
 - Micro Tie-Dex bands.
- Ergonomic design for ease of use by hand.
- Heavy-duty cut-off and tensioning components.
- Durable air control system.
- Easy to maintain design.
- Optional bench mount with foot control.
- Optional data output capability.



IT Series Tools

IT Series Tools

IT1000	For all 1/4" Tie-Lok Ties.
IT2000	For all 1/4" BAND-IT Junior Clamps.
IT3000	For all 1/4" Ultra-Lok Ties.
IT4000	For all 1/4" BAND-Lok Ties.
IT5000	For all 3/8" BAND-IT Junior Stainless Steel Clamps.
IT6000	For all 3/8" Tie-Lok Ties.

Contact BAND-IT for assistance to help you choose the right clamp and IT tool for your application.



See page 3.

Tie-Dex® Clamping System

**Use for fast, reliable, and cost-effective
RFI/EMI/EMP Shield Terminations**

BAND-IT's patented Tie-Dex bands provide **highly effective shield terminations** for any size and type of backshell design. Tie-Dex bands have successfully passed rigorous shock, vibration, and thermal cycle testing.

Easy to use Tie-Dex Tools are available as portable hand tools or pneumatic production tools. Unlike other shield termination systems, a single tool applies Tie-Dex bands faster.

Tie-Dex clamping systems provide a quick and reliable way of terminating cable shield for critical applications in aircraft, military vehicles, and other sensitive electronic equipment.



Tie-Dex Bands



IT Series Tools



A40199 Tie-Dex II Tool

To protect sensitive equipment, Tie-Dex® was designed to provide these benefits:

- Virtually eliminates RFI/EMI/EMP leakage paths.
- Single tool installation.
- Maintains constant tension under extreme environmental conditions.
- When making repairs Tie-Dex is installed without removing the backshell.
- Clamp small diameters as easily, quickly and reliably as large diameters.
- Can be tensioned to 1/4" in diameter (1/8" for Tie-Dex Micro Band).
- Precalibrated hand tool is lightweight and pocket sized, affording fast braided RFI/EMI/EMP shield termination in the field.
- Maintains tension in high vibration applications.



Tie-Dex Micro Band

Part No.	Material	Width		Length		Thickness		Inside Diameter		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Package Weight	
		In	mm	In	mm	In	mm	In	mm			Lbs	Kg
A31188**	304 SS	0.120	3	8.1	207	0.015	0.38	0.9	23	200	100/box	0.4	0.2
A31189	304 SS	0.120	3	8.1	207	0.015	0.38	0.9	23	200	100/bag	0.4	0.2
A31089	304 SS	0.120	3	14.3	362	0.015	0.38	1.9	48	200	100/bag	0.7	0.4

Tie-Dex Band

Part No.	Material	Width		Length		Thickness		Inside Diameter		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Package Weight	
		In	mm	In	mm	In	mm	In	mm			Lbs	Kg
A10088**	304 SS	0.240	6	14.3	362	0.020	0.51	1.8	46	700	100/box	2.1	1.0
A10089	304 SS	0.240	6	14.3	362	0.020	0.51	1.8	46	700	100/bag	2.1	1.0
A11089	304 SS	0.240	6	18.0	457	0.020	0.51	2.5	64	700	100/bag	2.5	1.1

**Individually coiled

Tie-Dex II Tool - A40199

Precalibrated tool applies patented Tie-Dex Bands. Weight: 1.2 Lbs (0.6 Kg).
Use the Calibration Key (A44699) to change calibration.

Micro Tie-Dex II Tool - A30199

Precalibrated tool applies Tie-Dex Micro Bands. Weight: 1.3 Lbs (0.6 Kg).
Use the Calibration Key (A44699) to change calibration.

Tie-Dex II Kit - A49099

Weight: 4.3 Lbs (2.0 Kg).
Kit includes: 1-A40199, 1-A48599, 1-A44699, parts and cutters.

Tie-Dex Micro Tool Kit - A59099

Weight: 4.6 Lbs (2.0 Kg).
Kit includes: 1-A30199, 1-A47599, 1-A44699, parts and cutters.

Tie-Dex Gauge - A48599

Weight: 1.0 Lbs (0.5 Kg).
Tension gauge for A40199 tool. Used for verifying preset tension limits.

Micro Tie-Dex Gauge - A47599

Weight: 1.0 Lbs (0.5 Kg).
Tension gauge for A30199 tool. Used for verifying preset tension limits.

Tie-Dex Calibration Kit - A50099

Provides fast, easy, accurate calibration of all Tie-Dex tools without a dynamometer. Kit includes: 1-A50189, 1-A50599, 1-A50699, 1-A46699, 1 Mounting Bracket, 1 Hex Key and a Carrying Case. Weight: 4.3 Lbs (2.0 Kg).

Tie-Dex Calibration Device - A50189

Weight: 1.2 Lbs (0.5 Kg).



A50189 Tie-Dex Calibration Device

Tie-Dex Test Band - A50599

50 test bands. Weight: 0.3 Lbs (0.1 Kg).

Micro Tie-Dex Test Band - A50699

50 test bands. Weight: 0.1 Lbs (0.06 Kg).



Tie-Dex Bands



A40199 Tie-Dex II Tool



A49099 Tie-Dex II Kit



A50099 Tie-Dex Calibration Kit



See page 3.

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Preformed Clamping Systems

A complete range to meet most application requirements

	Ultra-Lok®	BAND-IT Junior® SID	Universal Clamp	Center Punch	Worm Gear
Material	201 SS 1/4 Hard	316 SS 201 SS GCS	201 SS	201 SS GCS	301 SS
Diameter Range	1-1/2" - 9"	13/16" - 8"	1" - 4-1/2"	13/16" - 8"	3/8" - 6-1/8"
Width	1/2", 3/4"	1/4" - 3/4"	1/4"	3/8", 5/8"	5/16", 9/16"
Tool Required	UL4000 UL9010	C00169 with J00169, C00169 with J00569, C00269, IT2000 J00169, S35099, S75099	A92079 A94079 IT1000 IT3000	S03869 SM1700 T30069	Hex or Screw driver
Strength	Best	Better	Good	Good	Good
Corrosion	Better	Best/Better/Good	Better	Better	Good

BAND-IT offers five Preformed Clamp Systems. Each Clamp System is designed to meet your specific application requirements from the most to the least demanding.

Ultra-Lok® - Designed for quick installation, tightest clamping force, and gap-free inside diameter to minimize leaks. The best choice for demanding applications!

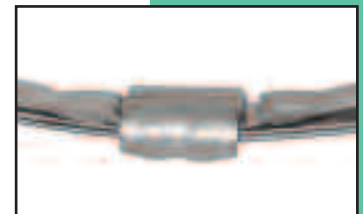
- Unique lock formed under full tension maximizing tightness.
- Lock is thicker and 2-3 times stronger than other preformed clamps.
- Smooth ID design reduces leak paths.
- Lock hood protects lock from snags.
- Double wrapped for additional strength.
- Install Ultra-Lok quickly using portable power tools.



Ultra-Lok
Preformed Clamp

BAND-IT Jr® Smooth ID - Widest choice of sizes and materials in a leak resistant design. Our most popular clamp!

- Vibration resistant lip wrap lock design. Lock is formed by a simple lever movement. No hammering or crimping.
- Unique buckle nest and smooth ID design reduces leak paths compared to Center Punch Clamps.
- Double wrapped for additional strength.
- Various materials for different corrosive environments.
- Install Junior SID using the C00169 with J00169 adapter C00169 with J05069 heavy duty adapter, C00269, C00369, S35099, S75099 or IT compatible tool.



Junior Smooth ID
Preformed Clamp

Universal Clamp - A single wrap preformed clamp is typically used to clamp boots or sleeves.

- 1/4" band width with inside diameters ranging from 1" to 4.4".
- Not recommended for industrial hose clamping applications.
- Cost effective.
- Lock with a Tie-Lok A92079, Ultra-Lok A94079 or IT compatible tool.



Universal Preformed Clamp

Center Punch - Used in less demanding applications where minimizing leaks and longevity are not critical.

- Lock with impact from a hammer using a conical punch.
- Double wrapped using 201 Stainless Steel or galvanized carbon steel.
- Manufactured with thicker 201 Stainless Steel buckles than competitive clamps to provide added locking strength.
- Not recommended for use with fittings that may crack as a result of impact.
- Install Center Punch using the S03869, SM1700, or T30069.



Center Punch
Preformed Clamps

Worm Gear Clamp - A light duty clamp that can be installed with commonly available hand tools.

- Single wrap band made from 301 Stainless Steel.
- Extra wide band, 9/16", provides larger compression area.
- Clamp may be tightened using the 5/16" hex head or a flat blade screwdriver.



Worm Gear Clamp



See page 3.

ULTRA-LOK™

The Ultimate Clamping System

Ultra-Lok Preformed Clamp

Part No.	Material*	Width		Thickness		Inside Diameter		Package Quantity	Package Weight	
		In	mm	In	mm	In	mm		Lbs	Kg
UL2799**	201 SS 1/4 Hard	1/2	12	0.030	0.76	1 1/2	38	100/box	9.1	4.1
UL2839**	201 SS 1/4 Hard	1/2	12	0.030	0.76	2	50.8	100/box	10.6	4.8
UL2869**	201 SS 1/4 Hard	1/2	12	0.030	0.76	2 3/4	69	100/box	12.7	5.8
UL2919**	201 SS 1/4 Hard	1/2	12	0.030	0.76	4	101	100/box	16.7	7.6
UL2279	201 SS 1/4 Hard	3/4	19	0.030	0.76	2	50	100/box	14.9	6.8
UL2109	201 SS 1/4 Hard	3/4	19	0.030	0.76	2 3/4	69	50/box	9.2	4.2
UL2119	201 SS 1/4 Hard	3/4	19	0.030	0.76	3	76	50/box	9.7	4.4
UL2129	201 SS 1/4 Hard	3/4	19	0.030	0.76	3 1/2	88	50/box	10.8	4.9
UL2139	201 SS 1/4 Hard	3/4	19	0.030	0.76	4	101	25/box	6.1	2.8
UL2149	201 SS 1/4 Hard	3/4	19	0.030	0.76	4 1/2	114	25/box	6.7	3.0
UL2159	201 SS 1/4 Hard	3/4	19	0.030	0.76	5	127	25/box	7.2	3.3
UL2709	201 SS 1/4 Hard	3/4	19	0.030	0.76	5 1/4	139	25/box	7.3	3.3
UL2169	201 SS 1/4 Hard	3/4	19	0.030	0.76	6	152	25/box	8.2	3.7
UL2179	201 SS 1/4 Hard	3/4	19	0.030	0.76	6 1/2	165	25/box	10.2	4.6
UL2189	201 SS 1/4 Hard	3/4	19	0.030	0.76	7	177	25/box	10.6	4.8
UL2199	201 SS 1/4 Hard	3/4	19	0.030	0.76	8	203	25/box	11.0	5.0
UL2289	201 SS 1/4 Hard	3/4	19	0.030	0.76	9	228	10/box	5.5	2.5

**1/2" bands require ULK249 for UL4000 or UL9010 tools
Also available in Band and Buckle, see page 10



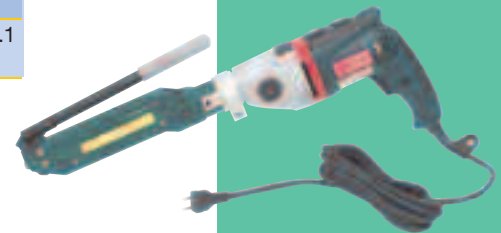
Ultra-Lok Preformed Clamp

Ultra-Lok Tools

Part No.	Description	Package Quantity	Package Weight	
			Lbs	Kg
UL4000	Ultra-Lok 18-volt Rechargeable, Portable Tool	Each	17.8	6.7
UL9010	Ultra-Lok 110-volt AC, Corded Electric Tool	Each	18.3	8.4
ULK249	Kit; Used to upgrade the tension body of the UL9000 and the UL9010	Each	0.4	0.2
M09387	1/2" Shear plate for UL4000, upgraded UL9000 and UL9010 to convert from 3/4" Ultra-Lok to 1/2" Ultra-Lok Clamp Systems	Each	0.1	0.1

UL9010 Ultra-Lok Electric Tool

- Ultra-Lok clamps 1/2" & 3/4" either preformed or Band and Buckle can be applied.
- Locks under full tension.
- Adjustable speed and torque.
- Consistent, repeatable tensioning.
- Ideal for hose clamping.



Ultra-Lok UL9010 Electric Tool

UL4000 Rechargeable or cordless Ultra-Lok Tool

- Ultra-Lok clamps 1/2" & 3/4" either preformed or Band and Buckle can be applied.
- Designed for portable requirements.
- Consistent repeatable tensioning.
- Locks under full tension.
- Ultra-Lok clamps can be applied four times faster than conventional clamps.
- Supplied with spare battery and Quick/Deep Cycle Charger.



Ultra-Lok UL4000 Rechargeable Electric Tool

Coming Soon:

SET9000™ Electronic Clamp Installation Tool
With interchangeable heads for Ultra-Lok, Junior, and Center Punch Clamps.

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



BAND-IT Jr. Smooth ID

201 SS* Part No.	316 SS* Part No.	GCS* Part No.	Width In mm	Inside Diameter In mm	Package Quantity	Package Weight Lbs Kg	Application Tool(s)
JS2409	NA	NA	1/4 6	13/16 20	100/box	2.0 0.9	C00169**
JS2429	NA	NA	1/4 6	1 25	100/box	2.1 1.0	C00269
JS2419	NA	NA	1/4 6	1-3/8 34	100/box	2.5 1.1	C00369**
JS2529	NA	NA	1/4 6	1-1/2 38	100/box	2.6 1.2	IT5000
JS2539	NA	NA	1/4 6	2 50	100/box	3.2 1.5	J02069
JS2209	NA	NA	1/4 6	2-1/2 63	100/box	3.7 1.7	S35099
JS2569	NA	NA	1/4 6	2-3/4 69	100/box	3.8 1.7	S75099
JS2449	NA	NA	1/4 6	3 76	100/box	4.2 1.9	
JS2579	NA	NA	1/4 6	3-1/2 88	100/box	4.6 2.1	
JS2589	NA	NA	1/4 6	4 101	100/box	5.3 2.4	
JS2599	NA	NA	1/4 6	4-1/2 114	100/box	5.7 2.6	
JS2019	JS4019	JS3019	3/8 10	13/16 20	100/box	3.6 1.6	C00169**
JS2439	NA	JS3439	3/8 10	1 25	100/box	3.9 1.8	C00269
JS2029	JS4029	JS3029	3/8 10	1-3/8 34	100/box	5.0 2.3	C00369**
JS2459	JS4459	JS3459	3/8 10	2 50	100/box	5.9 2.7	IT5000
JS2219	JS4219	JS3219	3/8 10	2-1/2 63	100/box	6.8 3.1	J02069
JS2469	NA	JS3469	3/8 10	3 76	100/box	7.5 3.4	S35099
JS2559	JS4559	JS3559	3/8 10	3-1/2 88	100/box	8.6 3.9	S75099
JS2489	JS4489	JS3489	3/8 10	4 101	100/box	9.5 4.3	
JS2039	JS4039	JS3039	1/2 13	1 25	100/box	6.5 3.0	C00169**
JS2049	JS4049	JS3049	1/2 13	1-1/4 31	100/box	7.2 3.3	C00269
JS2319	NA	JS3319	1/2 13	1-1/2 38	100/box	8.1 3.7	C00369**
JS2369	NA	JS3369	1/2 13	1-3/4 44	100/box	8.7 4.0	S35099
JS2379	JS4379	JS3379	1/2 13	2 50	100/box	9.4 4.3	S75099
JS2339	JS4339	JS3339	1/2 13	2-1/2 63	100/box	10.8 4.9	
JS2309	NA	JS3309	1/2 13	2-3/4 69	100/box	11.3 5.1	
JS2349	JS4349	JS3349	1/2 13	3 76	100/box	12.2 5.5	
JS2479	JS4479	JS3479	1/2 13	3-1/2 88	100/box	13.6 6.2	
JS2499	JS4499	JS3499	1/2 13	4 101	100/box	14.9 6.8	
JS2059	JS4059	JS3059	5/8 16	1-1/2 38	100/box	10.4 4.7	
JS2069	JS4069	JS3069	5/8 16	1-3/4 44	100/box	11.3 5.1	
JS2079	JS4079	JS3079	5/8 16	2 50	100/box	12.2 5.5	
JS2089	JS4089	JS3089	5/8 16	2-1/4 57	100/box	13.3 6.0	
JS2099	JS4099	JS3099	5/8 16	2-1/2 63	100/box	13.9 6.3	
JS2279	JS4279	JS3279	3/4 19	2 50	100/box	14.9 6.8	
JS2109	JS4109	JS3109	3/4 19	2-3/4 69	50/box	9.2 4.2	
JS2119	JS4119	JS3119	3/4 19	3 76	50/box	9.7 4.4	
JS2129	JS4129	JS3129	3/4 19	3-1/2 88	50/box	10.8 4.9	
JS2139	JS4139	JS3139	3/4 19	4 101	25/box	6.1 2.8	
JS2149	JS4149	JS3149	3/4 19	4-1/2 114	25/box	6.7 3.0	
JS2159	JS4159	JS3159	3/4 19	5 127	25/box	7.2 3.3	
JS2709	JS4709	JS3709	3/4 19	5-1/4 133	25/box	7.3 3.3	
JS2169	JS4169	JS3169	3/4 19	6 152	25/box	8.2 3.7	
JS2179	NA	JS3179	3/4 19	6-1/4 165	25/box	9.2 4.2	
JS2189	NA	JS3189	3/4 19	7 177	25/box	10.2 4.6	
JS2199	NA	JS3199	3/4 19	8 203	25/box	11.0 5.0	

**Junior Adaptors, either J00169 or J05069, must be used with C00169 and C00369.

S75099 Standard
Air Tool



S35099 Automatic Air Tool



C00169 BAND-IT Tool



J05069 Junior Heavy
Duty Adapter



J00169 Junior Adapter



C00269 Junior Hand Tool

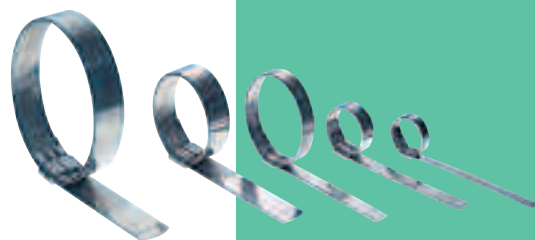
Junior Non-Smooth ID Clamps are available. BAND-IT recommends using the BAND-IT Jr. Smooth ID Clamp in place of the Junior Non-Smooth ID Clamps.

BAND-IT Jr. Smooth ID Bulk Packaging

201 SS* Part No.	GCS* Part No.	Width		Inside Diameter		Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm		Lbs	Kg	
QS2019	QS3019	3/8	9	13/16	20	500/box	18.1	8.3	C00169**
QS2029	QS3029	3/8	9	1-3/8	34	500/box	25.1	11.4	C00269
QS2039	QS3039	1/2	12	1	25	500/box	32.8	14.9	C00369**
QS2049	QS3049	1/2	12	1-1/4	31	500/box	36.2	16.5	IT5000****
QS2059	QS3059	5/8	15	1-1/2	38	500/box	53.9	24.5	S35099
QS2069	QS3069	5/8	15	1-3/4	44	500/box	58.3	26.5	S75099
QS2079	QS3079	5/8	15	2	50	500/box	62.5	28.4	
QS2089	QS3089	5/8	15	2-1/4	57	500/box	66.9	30.4	
QS2099	QS3099	5/8	15	2-1/2	63	250/box	35.6	16.2	
QS2109	QS3109	3/4	19	2-3/4	69	250/box	43.2	19.6	
QS2119	QS3119	3/4	19	3	76	250/box	48.5	22.0	
QS2129	QS3129	3/4	19	3-1/2	88	250/box	54.3	24.7	
QS2139	QS3139	3/4	19	4	101	125/box	30.7	14.0	
QS2149	QS3149	3/4	19	4-1/2	114	125/box	33.3	15.2	
QS2159	QS3159	3/4	19	5	127	125/box	36.6	16.7	
QS2169	QS3169	3/4	19	6	152	100/box	41.8	19.0	

** Junior Adaptors, either J00169 or J05069, must be used with C00169 and C00369.

*** For 3/8" band only.



BAND-IT Jr. Smooth ID
Preformed Clamps

Universal Clamp

Part No.	Material*	Width		Inside Diameter		Package Quantity	Package Weight		Application Tools
		In	mm	In	mm		Lbs	Kg	
JU2428	201 SS	1/4	6	1	25	100/box	1.2	0.6	A92079
JU2528	201 SS	1/4	6	1-1/2	38	100/box	1.4	0.7	A94079
JU2538	201 SS	1/4	6	2	51	100/box	1.7	0.8	IT1000
JU2548	201 SS	1/4	6	2-1/2	64	100/box	1.9	0.9	IT3000
JU2568	201 SS	1/4	6	3	76	100/box	2.2	1.0	
JU2578	201 SS	1/4	6	3-1/2	89	100/box	2.4	1.1	
JU2588	201 SS	1/4	6	4	102	100/box	2.6	1.2	
JU2598	201 SS	1/4	6	4-1/2	114	100/box	2.7	1.3	



Universal Preformed
Clamp

- The Universal Clamp is not recommended for industrial hose clamping applications.
- This is a single wrap, preformed, smooth ID clamp that can be fastened with either a Tie-Lok or Ultra-Lok termination.
- Can be installed with hand tool or the pneumatic powered production tools.
- Available in bulk packaging.



IT Series Tool

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

Center Punch

201 SS* Part No.	GCS* Part No.	Width		Inside Diameter		Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm		Lbs	Kg	
CP3S99	CP0399	3/8	10	13/16	20	100/box	3.6	1.6	S03869
CP311S	CP3119	3/8	10	1-3/8	35	100/box	4.6	2.1	SM1700
CP4S99	CP0499	5/8	16	1	25	100/box	8.3	3.8	T30069
CP5S99	CP0599	5/8	16	1-1/4	32	100/box	8.7	4.0	
CP6S99	CP0699	5/8	16	1-1/2	38	100/box	9.7	4.4	
CP7S99	CP0799	5/8	16	1-3/4	44	100/box	10.6	4.8	
CP8S99	CP0899	5/8	16	2	51	100/box	11.5	5.2	
CP9S99	CP0999	5/8	16	2-1/4	57	100/box	12.6	5.7	
CP10S9	CP1099	5/8	16	2-1/2	64	50/box	6.8	3.1	
CP11S9	CP1199	5/8	16	2-3/4	70	50/box	7.3	3.3	
CP12S9	CP1299	5/8	16	3	76	50/box	7.7	3.5	
CP14S9	CP1499	5/8	16	3-1/2	89	50/box	8.7	4.0	
CP16S9	CP1699	5/8	16	4	102	25/box	4.9	2.2	
CP18S9	CP1899	5/8	16	4-1/2	114	25/box	5.5	2.5	
CP20S9	CP2099	5/8	16	5	127	25/box	5.9	2.7	
CP24S9	CP2499	5/8	16	6	152	25/box	6.8	3.1	
CP28S9	CP2899	5/8	16	7	178	25/box	7.4	3.4	
CP32S9	CP3299	5/8	16	8	203	25/box	8.2	3.7	



SM1700 Production Tool



Center Punch Clamp Kit CP3999

- For general plant maintenance or emergency field repairs.
- Clamping range from 3/4" to 2" diameter.
- Kit includes: 4 CP3S99 Center Punch Clamps. 8 each - CP311S and CP6S99 Center Punch Clamps. 6 - CP5S99 Center Punch Clamps. 9 - CP8S99 Center Punch Clamps. 3 each - O316S9, O10S99 Center Punch Open End Clamps; one S03869 Center Punch Tool, in a polyethylene carrying case.

Center Punch Open End

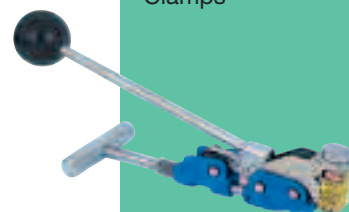
Part No.	Material*	Width		Thickness		Length**		Inside Diameter				Package Quantity	Package Weight		Application Tool(s)
		In	mm	In	mm	In	mm	Single Wrap	mm	Double Wrap	In		mm	Lbs	
O311S9	SS	3/8	10	0.020	0.51	15.0	381	2-3/4	70	1-3/8	35	100/box	5.2	2.4	S03869
O316S9	SS	3/8	10	0.020	0.51	18.0	457	4	101	2	50	100/box	5.9	2.7	SM1700
O325S9	SS	3/8	10	0.020	0.51	24.0	610	6	152	3	76	100/box	6.4	2.9	T30069
O10S99	SS	5/8	16	0.020	0.51	23.0	584	5	127	2-1/2	64	50/box	5.2	2.3	
O16S99	SS	5/8	16	0.020	0.51	31.0	787	8	203	4	102	50/box	9.5	4.3	
O20S99	SS	5/8	16	0.020	0.51	37.0	940	10	254	5	127	25/box	5.8	2.6	
O32S99	SS	5/8	16	0.020	0.51	56.0	1422	16	406	8	203	25/box	6.6	3.0	

**Take the object circumference and add 4" to grip with the tool. (2 X circumference for double wrap.)

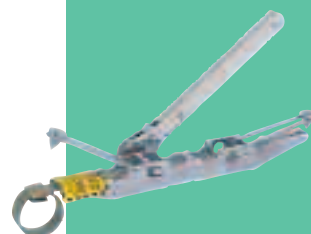
- Center Punch Open Ends are used for repair when a preformed clamp won't fit over the object being repaired.
- Also suitable where larger diameter single wrap clamps are required.



Center Punch Preformed Clamps



T30069 Center Punch Tool



S03869 Center Punch Tool



Center Punch Open End Clamp



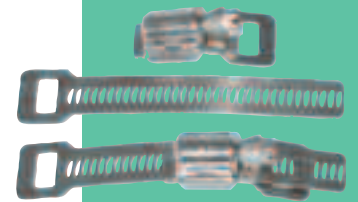
See page 3.

Worm Gear Clamp

Part No.	Material*	Width		Inside Diameter Range				Package Quantity	Package Weight		Application Tool
		In	mm	Min	Max	Min	Max		Lbs	Kg	
V00699	301 SS	9/16	14	3/8	7/8	9	22	10/box	0.5	0.2	Hex or Screw Driver
V00899	301 SS	9/16	14	1/2	1	11	25	10/box	0.5	0.2	
V01099	301 SS	9/16	14	1/2	1-1/8	12	28	10/box	0.6	0.3	
V01299	301 SS	9/16	14	1/2	1-1/4	12	32	10/box	0.6	0.3	
V01699	301 SS	9/16	14	3/4	1-1/2	19	38	10/box	0.6	0.3	
V02099	301 SS	9/16	14	7/8	1-3/4	22	45	10/box	0.6	0.3	
V02499	301 SS	9/16	14	1-1/8	2	28	51	10/box	0.7	0.3	
V02899	301 SS	9/16	14	1-3/8	2-1/4	35	57	10/box	0.7	0.3	
V03299	301 SS	9/16	14	1-5/8	2-1/2	41	64	10/box	0.8	0.3	
V03699	301 SS	9/16	14	1-7/8	2-3/4	48	70	10/box	0.8	0.4	
V04099	301 SS	9/16	14	2-1/8	3	54	76	10/box	0.8	0.4	
V04499	301 SS	9/16	14	2-3/8	3-1/4	58	83	10/box	0.9	0.4	
V04899	301 SS	9/16	14	2-5/8	3-1/2	67	89	10/box	0.9	0.4	
V05299	301 SS	9/16	14	2-7/8	3-3/4	73	95	10/box	0.9	0.4	
V05699	301 SS	9/16	14	3-1/8	4	79	102	10/box	1.0	0.4	
V06499	301 SS	9/16	14	3-1/2	4-1/2	89	114	10/box	1.1	0.5	
V07299	301 SS	9/16	14	4	5	102	127	10/box	1.3	0.6	
V08099	301 SS	9/16	14	4-1/2	5-1/2	114	140	10/box	1.3	0.6	
V08899	301 SS	9/16	14	5-1/8	6	130	152	10/box	1.4	0.6	
V10499	301 SS	9/16	14	6-1/8	7	155	178	10/box	1.5	0.7	
V20299	301 SS	5/16	8	1/4	5/8	6	16	10/box	0.2	0.1	
V20399	301 SS	5/16	8	3/8	7/8	8	23	10/box	0.2	0.1	



Worm Gear Clamp



Scru-Seal Rack and Housing

Scru-Seal Clamping System

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

Part No.	Material*	Description	Package Quantity	Package Weight	
				Lbs	Kg
M21199	SS	10 Scru-Seal racks and 10 Housings	10/box	0.7	0.3
C13399	SS	Valustrap™ Band, SS, 3/8" x 0.015" x 100'	100'/roll	2.2	1.0
C13499	SS	Valustrap™ Band, SS, 1/2" x 0.015" x 100'	100'/roll	2.9	1.3

Kits-Everything you need in a single package

M21099	SS	Scru-Seal Kit includes: 25 Scru-Seal racks, 25 housings, Valustrap™ band 3/8" x 0.015" x 100'	each	4.3	1.9
M21899	SS	Each Clamp Pak includes: 3 Scru-Seal racks, 3 housings, Valustrap™ band 3/8" x 0.015" x 10'	10 Paks/box	5.0	2.3



M21899 Clamp-Pak (Shipped as 10 pack)



M21099 Scru-Seal Kit with Valustrap™

Scru-Band Clamping System

- A pinion and band with full length formed rack to create any size clamp.
- Components separately packaged rack and housing and band for flexibility.

Part No.	Material*	Description	Package Quantity	Package Weight	
				Lbs	Kg
M15099	SS	Scru-Band Housing, 301 SS-Screw 410 SS	100/box	2.8	1.3
M15599	SS	Scru-Band Housing, 301 SS-Screw 410 SS	25/box	0.7	0.3
M15199	SS	Scru-Band, 430SS 3/8" (9.5mm) x .025" (30.5M) (.64mm)	100'/roll	3.4	1.6

Kits-Everything you need in a single package

M15699	SS	Scru-Band Kit includes: 100' of Scru-Band, 25 housings, 25 slotted screws	each	4.0	1.8
M15799	SS	Scru-Band Kit includes: 50' of Scru-Band, 10 housings, 10 slotted screws	each	2.1	1.0
M15899	SS	Each Pak includes: 10' of Scru-Band, 5 housings, 5 slotted screws	10 Paks/box	4.4	2.0



Scru-Band Clamping System



M15699, M15799 Scru-Band Kit



M15899 Scru-Band Pak (1 of 10)

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

Hose Fittings

Material	Tri-Lokt®		Swaged	Machined	
	316 SS	Carbon Steel - Plated	Carbon Steel - Plated	316 SS	Carbon Steel - Plated
Diameter	1/2" - 6"	1-1/4" - 6"	1-1/2" - 4"	1/4" - 1-1/2"	1/4" - 1-1/2"
Corrosion	Excellent	Good	Good	Excellent	Good

Recommended Clamp Widths for the BAND-IT Nipples shown in this catalog.

Hose ID		Band Clamp Width	
Inches	mm	Inches	mm
1/2 to 5/8	13 to 16	3/8 or 1/2	6.35 or 12.70
3/4 to 1 1/2	19 to 38	1/2 to 3/4	12.70 to 19.05
2 to 6	51 to 152	3/4	19.05

For maximum holding power BAND-IT recommends the Ultra-Lok Clamping System for use with all hose fittings.

Tri-Lokt Hose Nipples

- BAND-IT's exclusive design of the Tri-Lokt Hose Nipple is the answer for heavy duty industrial hose applications.
- The Tri-Lokt Nipple should be used when a positive lock is required between the clamp and the nipple.
- The locking yoke or tie strip assembly together with the BAND-IT clamp accommodates the various wall thicknesses of different types of hoses.

Tri-Lokts have:

- End barb provides excellent holding strength.
- Secure lock due to a unique yoke or tie strip assembly which is clamped to the hose.
- Low Profile.
- Ease of Installation.

Caution: Hose and nipples should never be operated in excess of the maximum working pressure established by the hose manufacturer.

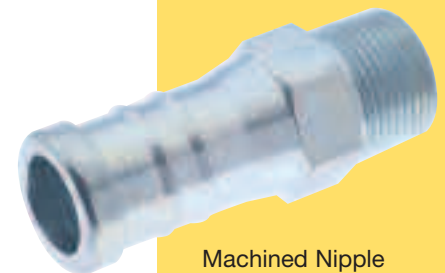
For installation instructions please visit our website at www.BAND-IT-IDEX.com/products_tools.asp



Tri-Lokt Nipple



Swaged Male Hose Nipple



Machined Nipple



See page 3.

Tri-Lokt Male Hose Nipple - NPT Including Yoke**

Part No.	Material*	NPT	Shank Length		Hose Inside Diameter		No. of Clamps Per Nipple	Package Quantity	Package Weight	
		Inches	Inches	mm	Inches	mm			Lbs	Kg
S13479	316 SS	3/4	1.50	38	3/4	19	2	each	0.4	0.2
S14079	316 SS	1	1.50	38	1	25	2	each	0.6	0.3

Tri-Lokt Male Hose Nipple - NPT Swaged Including Tie Strip**

Part No.	Material*	NPT	Shank Length		Hose Inside Diameter		No. of Clamps Per Nipple	Package Quantity	Package Weight	
		Inches	Inches	mm	Inches	mm			Lbs	Kg
S60088	316 SS	1-1/4	2.75	69	1-1/4	31	4	each	0.9	0.4
S61088	316 SS	1-1/2	2.75	69	1-1/2	38	4	each	1.2	0.5
S62088	316 SS	2	2.75	69	2	50	4	each	1.5	0.7
S64088	316 SS	3	4.63	117	3	76	6	each	5.4	2.4
S65088	316 SS	4	4.63	117	4	101	6	each	6.5	2.9

Tri-Lokt Male Hose Nipple - Swaged Including Yoke**

Part No.	Material*	NPT	Shank Length		Hose Inside Diameter		No. of Clamps Per Nipple	Package Quantity	Package Weight	
		Inches	Inches	mm	Inches	mm			Lbs	Kg
H12289	Plated Steel	1/2	1.25	31	1/2	12	2	12/box	3.1	1.4
H13489	Plated Steel	3/4	1.50	38	3/4	19	2	12/box	4.9	2.2
H14089	Plated Steel	1	1.50	38	1	25	2	12/box	7.6	3.4

Tri-Lokt Female Hose Swivel NPSC Coupling**

Part No.	Material*	Shank Length		ID/NPSC		No. of Clamps Per Coupling	Package Quantity	Package Weight	
		Inches	mm	Inches	mm			Lbs	Kg
H22279	Plated Steel	1.19	30	1/2	12	2	12/box	3.2	1.4
H23479	Plated Steel	1.50	38	3/4	19	2	12/box	5.6	2.5

Nut end has conical seat to seal with a Tri-Lokt Male Nipple of comparable size.

Tri-Lokt Male Hose Nipple - NPT Swaged Including Tie Strip**

Part No.	Material*	NPT	Shank Length		Hose Inside Diameter		No. of Clamps Per Nipple	Package Quantity	Package Weight	
		Inches	Inches	mm	Inches	mm			Lbs	Kg
H60088	Plated Steel	1-1/4	2.75	69	1-1/4	32	4	each	1.3	0.6
H61088	Plated Steel	1-1/2	2.75	69	1-1/2	38	4	each	1.5	0.7
H62088	Plated Steel	2	2.75	69	2	51	4	each	2.3	1.0
H63088	Plated Steel	2-1/2	4.50	114	2-1/2	64	6	each	3.5	1.6
H64088	Plated Steel	3	4.50	114	3	76	6	each	4.6	2.1
H65088	Plated Steel	4	4.50	114	4	102	6	each	6.4	2.9
H65688	Plated Steel	5	6.50	165	5	127	8	each	11.5	5.2
H65888	Plated Steel	6	8.00	203	6	152	10	each	15.9	7.2

Tri-Lokt Full Flow Hose Nipple Including Tie Strip**

Part No.	Material*	Hose ID		End	No. Clamps per Fitting Double Wrapped	Package Quantity	Package Weight	
		Inches	mm				Lbs	Kg
H75089	Plated Steel	1-1/2	38	NPT	4 - Ear-Lokt	each	1.2	0.5
H75589	Plated Steel	2	50	Grooved	4 - Ear-Lokt	each	1.2	0.5

- Only Stainless Steel BAND-IT clamps should be used with Tri-Lokt Hose Nipples.
- *BAND-IT reserves the right to substitute material with equal or better corrosion resistance and/or mechanical specifications.
- **Replacement Tri-Lokt Stainless Steel Tie Strip kits and Yokes available. Contact BAND-IT for information.



Tri-Lokt Hose Nipple



Tri-Lokt Female Swivel Coupling



Tri Lokt Hose Nipple



Tri-Lokt Full Flow Hose Nipple

Swaged Male Hose Nipple - NPT

Part No.	Material*	NPT Inches	Shank Length Inches mm	Hose Inside Diameter Inches mm	No. of Clamps Per Nipple	Package Quantity	Package Weight Lbs Kg
E79899	Plated Steel	1/2	1.56 39	1/2 12	1	each	0.2 0.1
E80099	Plated Steel	3/4	1.56 39	3/4 19	1	each	0.2 0.1
E80299	Plated Steel	1	1.63 41	1 25	1	each	0.4 0.2
E80499	Plated Steel	1-1/4	1.63 41	1-1/4 31	1	each	0.4 0.2
E80699	Plated Steel	1-1/2	1.63 41	1-1/2 38	1	each	0.4 0.2
E80899	Plated Steel	2	2.75 69	2 50	2	each	0.6 0.5
E81299	Plated Steel	2 1/2	3.00 76	2-1/2 63	2	each	1.9 0.9
E81499	Plated Steel	3	3.00 76	3 76	2	each	2.7 1.2
E81699	Plated Steel	4	4.63 117	4 101	3	each	5.2 2.4



Swaged Hose Nipple

Machined Male Hose Nipple - NPT

Part No.	Material*	NPT Inches	Shank Length Inches mm	Hose Inside Diameter Inches mm	Diameter of Hole Inches mm	Package Quantity	Package Weight Lbs Kg
E60699	316 SS	1/4	1.03 26	1/4 6	0.188 4	each	0.1 0.1
E61299	316 SS	3/8	1.07 27	3/8 9	0.230 5	each	0.1 0.1
E62299	316 SS	1/2	1.35 34	1/2 12	0.370 9	each	0.2 0.1
E63499	316 SS	3/4	1.38 35	3/4 19	0.620 15	each	0.2 0.1
E64099	316 SS	1	1.78 45	1 25	0.870 22	each	0.4 0.2

Machined Male Hose Nipple- NPT

Part No.	Material*	NPT Inches	Shank Length Inches mm	Hose Inside Diameter Inches mm	Diameter of Hole Inches mm	No. of Clamps Per Nipple	Package Quantity	Package Weight Lbs Kg
E00499	Plated Steel	1/8	0.87 22	1/4 6	0.188 4	1	12/box	0.4 0.2
E00699	Plated Steel	1/4	1.03 26	1/4 6	0.188 4	1	12/box	0.8 0.3
E00899	Plated Steel	1/8	1.07 27	3/8 9	0.234 5	1	12/box	0.6 0.3
E01099	Plated Steel	1/4	1.07 27	3/8 9	0.234 5	1	12/box	0.7 0.3
E01299	Plated Steel	3/8	1.07 27	3/8 9	0.234 5	1	12/box	1.2 0.5
E01499	Plated Steel	1/2	1.07 27	3/8 9	0.234 5	1	12/box	2.1 1.0
E01899	Plated Steel	1/4	1.35 34	1/2 12	0.266 6	1	12/box	1.4 0.6
E02099	Plated Steel	3/8	1.35 34	1/2 12	0.359 9	1	12/box	1.3 0.6
E02299	Plated Steel	1/2	1.35 34	1/2 12	0.375 9	1	12/box	2.1 0.9
E02899	Plated Steel	1/2	1.36 34	5/8 15	0.500 12	1	12/box	2.0 0.9
E03099	Plated Steel	3/4	1.36 34	5/8 15	0.500 12	1	12/box	2.6 1.2
E03299	Plated Steel	1/2	1.38 35	3/4 19	0.500 12	1	12/box	3.0 1.4
E03499	Plated Steel	3/4	1.38 35	3/4 19	0.625 15	1	12/box	2.8 1.3
E03699	Plated Steel	1	1.38 35	3/4 19	0.625 15	1	12/box	4.1 1.9
E03899	Plated Steel	3/4	1.78 45	1 25	0.750 17	1	12/box	4.0 1.8
E04099	Plated Steel	1	1.78 45	1 25	0.875 22	1	12/box	4.6 2.1
E04299	Plated Steel	1	1.78 45	1-1/4 31	0.922 23	1	12/box	7.3 3.3
E04499	Plated Steel	1-1/4	1.78 45	1-1/4 31	1.109 28	1	12/box	8.2 3.7
E04699†	Plated Steel	1-1/2	1.90 48	1-1/2 38	1.344 34	1	12/box	11.6 5.3

†Round Profile, not Hex.



Machined Male Hose Nipple

Machined Hose Mender

Part No.	Material*	Shank Length Inches mm	Hose ID/NPSC Inches mm	No. of Clamps Per Mender	Package Quantity	Package Weight Lbs Kg
F10689	Plated Steel	.91 23	1/4 6	2	each	.03 .01
F10889	Plated Steel	.95 24	3/8 9	2	each	.04 .02
F11089	Plated Steel	1.16 29	1/2 12	2	each	.06 .03
F11289	Plated Steel	1.18 29	5/8 15	2	each	.10 .05
F11489	Plated Steel	1.20 30	3/4 19	2	each	.30 .10
F11689	Plated Steel	1.53 38	1 25	2	each	.20 .09
F11889	Plated Steel	1.53 38	1 1/4 31	2	each	.30 .10

Suitable for use on hose reels due to short length of these menders.

Machined Female Swivel Hose Nipple - NPSC

Part No.	Material*	Shank Length Inches mm	Hose ID/NPSC Inches mm	Package Quantity	Package Weight Lbs Kg
E10699	Plated Steel	1.06 27	1/4 6	12/box	0.7 0.3
E12299	Plated Steel	1.37 34	1/2 12	12/box	1.7 0.8
E13499	Plated Steel	1.37 34	3/4 12	12/box	3 1.6

Nut end has conical seat to seal with BAND-IT Male Hose Nipple.



Machined Hose Mender



Machined Female Swivel Hose Nipple



See page 3.

Patents

Many BAND-IT products shown herein are manufactured under one or more of the following U.S. and corresponding foreign patents owned by BAND-IT- IDEX, Inc., A Unit of IDEX Corporation.

Other patents pending.

4,887,334	4,896,402	4,928,738	5,123,456	5,127,446	5,129,350	5,303,571
5,322,091	5,452,523	5,483,998	5,488,760	5,566,726	5,743,310	5,850,674
6,014,792	6,260,704	6,481,467				

Trademarks

BAND-IT®, BAND-IT Jr.®, Junior®, Tri-Lokt®, Thriftool®, Tie-Lok®, Tie-Lok Tool®, Tie-Dex®, Band-Lok®, Self-Lok® and Ultra-Lok® are registered trademarks owned by BAND-IT- IDEX, Inc., a unit of IDEX Corporation.

BAND-IT Trademarks are registered in the U.S. Patent and Trademark Office and in many other countries. For permission to use any BAND-IT logo or image please contact us at: info.band-it@idexcorp.com

Acknowledgement of Registered Trademarks

- Q-BAND™ is a registered trademark of Great Lakes Textile, Inc.
- Q-Clip™ is a registered trademark of KOTEC'S Co., LTD. Corporation Higashi-Nippori, Arakawa-ku Tokyo in Japan.
- Monel® 400 and Inconel® 625 are registered trademarks of Inco Alloys International, Inc.
- AL6XN® is a registered trademark of ATI Properties.

Uniform Industrial Code

BAND-IT's UIC (Uniform Industrial Code) number is 662682.

Commercial and Government Entity Code

BAND-IT's Commercial and Government Entity Code (CAGE code) number is 70847.



Approvals

Tie products listed with the CE mark are suitable for electric purposes and meet the requirements of (LVD) 73/23/EEC



LISTED

Underwriters Laboratories Listing BAND-IT-IDEX has UL Listings on the products indicated.



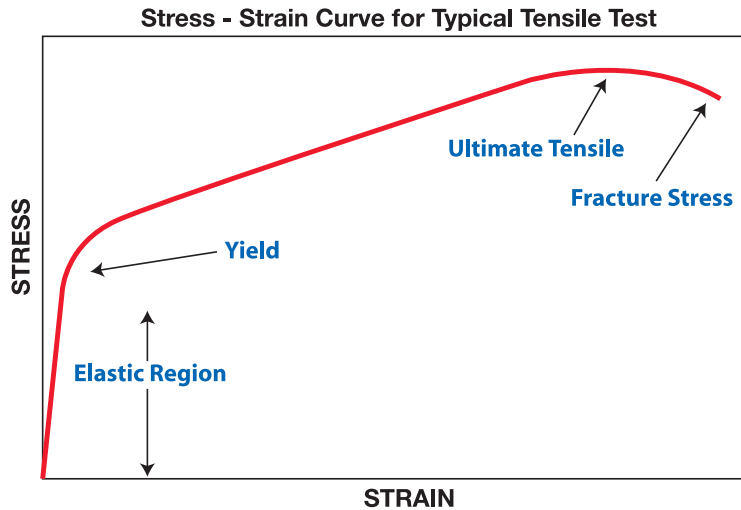
Det Norske Veritas Type Approval BAND-IT Company Ltd, Derbyshire, has Det Norske Veritas Type Approval on the products indicated in the catalog certificate Number E-4464.

RoHS Compliance

All bands, clamps, ties and buckles that are manufactured at BAND-IT-IDEX, Inc. are fully compliant within the EU RoHS Directive, 2002/95/EC. These products are created using stainless or carbon steel material with no hazardous substances in the manufacturing. Specifically, Hexavalent Chromium, Lead, Mercury, Cadmium, PBB, or PBDE are not introduced in the manufacturing of, or present in, the raw material of our products. This includes the following families:

- | | | |
|-----------------------------------|----------------------------------|--|
| • Ball-Lok Ties and Buckles | • Jr. SID Clamps and Buckles | • Tie-Dex Bands and Buckles |
| • BAND-FAST Clamps | • Open End Clamps and Buckles | • Ultra-Lok Band and Buckles |
| • Band-Lok Ties | • Powder Coated Ties and Buckles | • Ultra-Lok Preformed Clamps |
| • BAND-IT Band | • Q-Band™ and Q-Clips™ | • Ultra-Lok Ties and Buckles |
| • Center Punch Clamps and Buckles | • Scru-Lok Bands and Buckles | • Universal Preformed Buckles and Clamps |
| • Ear-Lok Buckles | • Scru-Seal Clamping System | • Valuband |
| • ID Tags | • Self-Lok Ties | • Valucups |
| • JK Clamps and Buckles | • Tie-Lok Ties | • Valustrap |
| • Junior Clamps and Buckles | | |

*BAND-IT reserves the right to substitute material equal to or better than the material specifications of individual part numbers listed within this catalog.



Definitions

For additional Technical information visit: www.BAND-IT-IDEX.com/products_techdata.asp

Breaking Strength/Tensile Strength - The strength of a material when subjected to a stretching (tensile) force usually measured by placing a standard test piece in the jaws of a tensile machine, gradually separating the jaws, and measuring the force necessary to break the test piece. This strength is expressed as pounds per square inch or PSI.

Clamping Force - (Also, Retained Force) The amount of force applied to an object by an installed clamp or tie. The clamping force maintains the assembly integrity and hardware placement.

Cold Flow Properties of Flexible Hose Materials- The continued deformation or movement of hose wall material as a result of clamp tension.

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

Decorative Coating- A coating for matching pre-existing hardware or decorative traffic poles. These coatings are often an applied and baked, powder polyester finish.

Elongation- The amount of stretch that occurs prior to the band/clamp material breaking. This is typically expressed as a percentage of original length and is a measure of the ductility of the metal.

Loop Tensile Strength- The max 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.

Powder Polyester- A coating available in colors applied to products and baked on for a durable finish. Polyester coatings are resistant to fading, stress cracking, abrasion, impact, salt spray and typical airborne pollutants.

PPA - (Performance Polymer Alloy) Non-toxic polymer coating for rolled band resistant to stress cracking, abrasion, impact, salt spray and typical airborne pollutants. When subject to fire, this coating is halogen free and produces low amounts of smoke.

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

Ultimate Strength- The maximum tensile or clamping force that a band clamp or tie will withstand prior to breaking.

Yield Strength- The point at which the material begins to stretch as a result of stress being applied. Loading beyond this point will result in deformation.

Abbreviations

cm- Centimeter

GCS - Galvanized Carbon Steel

ID - Inside Diameter

Kg - Kilogram

Lb - Pound

M - Meter

mm- Millimeter

NPSC - National Pipe Straight Coupling

NPSM - American Standard Straight

Pipe Thread for Mechanical Joints

NPT - National Pipe Thread

OD - Outside Diameter

SS - Stainless Steel

UIC - Uniform Industrial Code

Metals Data

AISI TYPE NUMBER OR NAME	200/300	201	201 1/4 Hard	301	304	316
SPECIFICATION UNS Designation	-	S20100	S20100	S30100	S30400	S31600
ASTM	-	A-666	A-666	A-666	A-666	A-666
Principal Alloying Elements, %	-	C 0.15 Max. Mn 5.50 - 7.50 Si .75 Max. Cr 16.00 -18.00 Ni 3.50 - 5.50 N 0.25 Max	C 0.03 Max. Mn 5.50 - 7.50 Si 1.00 Max. Cr 16.00 -18.00 Ni 3.50 - 5.50 N 0.25 Max	C 0.15 Max. Mn 2.00 Max. Si 1.00 Max. Cr 16.00 -18.00 Ni 6.00 - 8.00	C 0.08 Max. Mn 2.00 Max. Si 1.00 Max. Cr 18.00 -20.00 Ni 8.00 - 10.50	C 0.08 Max. Mn 2.00 Max. Si .75 Max. Cr 16.00 -18.00 Ni 10.00 -14.00 Mo 2.00 - 3.00
PHYSICAL PROPERTIES						
Density, Lb/Cu. In.	0.28	0.28	0.28	0.29	0.29	0.29
Mod. of Elasticity in Tension x 10 ⁶ PSI	28.0	28.6	28.6	28.0	29.0	28.0
Structure	Austenitic	Austenitic	Austenitic	Austenitic	Austenitic	Austenitic
Mean Coefficient of Thermal Expansion per °F. x 10 ⁻⁶	32 - 212°F: 9.0 32 - 600°F: 9.70 32 - 1000°F: 10.20 32 - 1200°F: 10.40	8.7 9.70 10.20 10.50	9.0 10.00 10.50 -	9.4 9.50 10.10 10.40	9.4 9.6 10.20 10.40	8.9 9.00 9.70 10.30
Melting Range	2550 - 2650°F	2550 - 2650°F	2550 - 2650°F	2550 - 2590°F	2550 - 2590°F	2540 - 2630°F
ELECTRICAL PROPERTIES	Non-Magnetic	Non-Magnetic	Non-Magnetic	Non-Magnetic	Non-Magnetic	Non-Magnetic
Magnetic Permeability, Annealed	μ = 1.02	μ = 1.02	μ = 1.02	μ = 1.02	μ = 1.008	μ = 1.008
Elec. Resistivity, Microhm-cm, 70°F	70.00	69.00	69.00	72.00	70.00	74.00
MECHANICAL PROPERTIES						
Rockwell Hardness	70 - 95R _B	90 - 95R _B	20 - 30R _C	75 - 95R _B	70 - 90R _B	70 - 85 _B
Ultimate Tensile Strength, BAND-IT Min. Spec. (PSI), Typical (PSI)	75,000 80,000	100,000 115,000	120,000 135,000	100,000 105,000	75,000 80,000	80,000 90,000
Yield Strength, BAND-IT Min. Spec. (PSI) Typical (PSI)	30,000 45,000	45,000 60,000	85,000 90,000	45,000 55,000	30,000 45,000	35,000 50,000
Elongation in 2 inches, BAND-IT Min. Spec. (%), Typical (%)	30 45	40 55	40 45	40 50	30 45	35 45
Tensile Strength at Elevated Temps., Short Time Tests, (PSI)	1300°F: 36,000 1500°F: 22,000 1700°F: 11,000	37,500 23,000 11,000	37,500 23,000 11,000	35,500 22,500 11,000	36,000 22,000 13,500	48,000 28,000 18,000
CORROSION RESISTANCE						
Mild Atmospheric and Fresh Water	Good	Good	Good	Good	Very Good	Excellent
Industrial Atmosphere	Good	Good	Good	Good	Very Good	Very Good
Marine Atmosphere	Fair	Fair	Fair	Fair	Good	Very Good
Salt Water	No	No	No	No	No	Good
Mild Chemical	Fair	Fair	Fair	Fair	Good	Good
Oxidizing Chemical	Fair	Fair	Fair	Fair	Good	Good
Reducing Chemical	No	No	No	No	No	Good
USE	General Valustrap, Valuclicks, Sign Band, Brackets, BAND-IT Tie	Municipal, Construction, Automotive, Junior SID Clamps, Band, Buckle, BAND-FAST, Tie Strips, Band-Lok Tie 1/4 Ultra-Lok Ties	Construction, Automotive, Municipal Center Punch Clamps, Ultra-Lok Band and Clamps	Construction, Automotive Scru-Seal Housing & Base, Worm Gear, Clamps, Buckles	Chemical, Food, Dairy, Hospitals, Power Generator 304 Strap, Tie-Dex Band, Tie-Lok Ties, Ball-Lok Ties, Self-Lok Ties,	Marine, Chemical, Food, Petroleum, Paper, Textile, Medical Multi-Lok, Tie-Lok, Ball-Lok, Self-Lok Ties, Junior SID Clamps, Nipples, Tri-Lokts, 316 Band/Buckle, All Purpose Band, Easy Read

All values in table are reference only.

Metals Data

AISI TYPE NUMBER OR NAME		317L 1/4 Hard	409	430	Monel® 400	Inconel® 625	AL6XN®	Titanium GR1	GCS
SPECIFICATION	UNS Designation	S31703	S40900	S43000	N04400	N06625	N08367	R50250	-
	ASTM	A-240	A-240	A-240	B127, B164-61	B443	B688	B265	-
Principal Alloying Elements, %		C 0.030 Max.	C 0.08 Max.	C 0.12 Max.	C 0.03 Max.	C 0.15 Max.	C .030 Max.	C 0.10 Max.	
		Mn 2.00 Max.	Mn 1.00 Max.	Mn 1.00 Max.	Mn 1.25 Max.	Mn .05 Max.	N 2.0 Max.	Mn 0.03 Max.	
		Si .75 Max.	Si 1.00 Max.	Si 1.00 Max.	Si 0.50 Max.	Cr 20.0-23.0	P .040 Max.	H 0.015 Max.	
		Cr 18.00 - 20.00	Cr 10.50 - 11.75	Cr 16.00 -18.00	Ni 63.00 -70.00	Ni Balance	S .030 Max.	O 0.18 Max.	
		Ni 11.00 - 15.00	Ni 0.050	P 0.04 Max.	Cu 31.5	Mo 8.0 - 10.0	Si 1.0 Max.	Fe 2.5 Max.	
		P 0.045 Max.	P 0.045 Max.	S 0.03 Max.	Fe 1.25 Max	Ti 0.4 Max.	Ni 23.5 - 25.5	Ti Balance	
		S 0.03 Max.	S 0.03 Max.		S 0.024 Max.	Fe 2.5 Max.	Cr 20.0 - 22.0		
		Mo 3.00-4.00				Al 0.4 Max.	Mo 6.0 -7.0		
						Cu .75 Max.			
						N .18 - .25			
PHYSICAL PROPERTIES									
Density, Lb/Cu. In.		0.29	0.28	0.278	0.319	0.305	0.291	0.163	0.283
Mod. of Elasticity in Tension x 10 ⁻⁶ PSI		29.0	30.2	29.0	26.0	30.0	28.3	15.0	30.0
Structure		Austenitic	Ferritic	Ferritic	-	-	Austenitic	Alpha	Ferritic
Mean Coefficient of Thermal Expansion per °F. x 10 ⁻⁶	32 - 212°F	8.9	5.8	5.8	7.7	7.4	8.5	4.6	6.3
	32 - 600°F	9.00	6.12	6.10	8.80	-	8.8	5.30	7.30
	32 - 1000°F	9.70	6.60	6.30	9.10	-	9.1	5.50	7.90
	32 - 1200°F	10.30	6.86	6.60	9.30	-	9.5	5.70	8.20
Melting Range		2500 - 2550°F	2500 - 2550°F	2500 - 2550°F	2500 - 2550°F	2500 - 2550°F	2500 - 2550°F	2500 - 2550°F	-
ELECTRICAL PROPERTIES		Non-Magnetic	-	Magnetic	-	Non-Magnetic	-	Non-Magnetic	Magnetic
Magnetic Permeability, Annealed		μ = 1.008	-	μ = 600-1100	-	μ = 1.006	μ = 1.0028	μ = 1.00005	1500-2000
Elec. Resistivity, Microhm-cm, 70°F		74.00	60.00	60.00	5.10	12.90	89.0	4.20	17.20
MECHANICAL PROPERTIES									
Rockwell Hardness		70 - 85R _B	88R _B Max	75 - 90R _B	60 - 80R _B	88 - 94R _B	80 - 95R _B	64 - 70R _B	80 - 95R _B
Ultimate, Tensile Strength		115,000	55,000	55,000	70,000	120,000	95,000	-	84,000
BAND-IT Min. Spec. (PSI), Typical (PSI)		120,000	68,000	75,000	75,000	130,000	110,000	46,000	90,000
Yield Strength,		75,000	25,000	40,000	32,000	60,000	45,000	25,000	80,000
BAND-IT® Min. Spec. (PSI), Typical (PSI)		80,000	35,000	55,000	40,000	75,000	55,000	31,000	85,000
Elongation in 2 inches,		10	20	20	30	30	30	24	5
BAND-IT® Min. Spec. (%), Typical (%)		15	33	25	40	40	45	30	8
Tensile Strength at 1300°F		48,000	5,000	15,000	-	-	-	-	-
Elevated Temps., 1500°F		28,000	1,500	8,000	-	-	-	-	-
Short Time Tests, (PSI) 1700°F		18,000	-	5,000	-	-	-	-	-
CORROSION RESISTANCE									
Mild Atmospheric and Fresh Water		Excellent	Good	Good	Good	Good	Good	Good	Good/Fair
Industrial Atmosphere		Very Good	Good	Good	Good	Good	Good	Good	Fair
Marine Atmosphere		Very Good	Poor	Poor	Excellent	Excellent	Excellent	Good	Poor
Salt Water		Good	No	No	Excellent	Excellent	Excellent	Good	No
Mild Chemical		Very Good	Fair	Fair	Good	Good	Good	Good	No
Oxidizing Chemical		Good	Fair	Fair	Good	Good	Good	*	No
Reducing Chemical		Good	Good	No	Good	Good	Good		No
USE	General	Pulp/Paper, Chemical, Marine	Auto Agriculture	Interior Architecture, Automotive Trim	Electronics, Marine, Chemical, Petroleum	Chemical, Nuclear, Aerospace, Marine	Chemical, Nuclear, Aerospace, Marine	Corrosive Service Good for Machinery Weldable	Indoor, Mild Atmosphere
	BAND-IT®	317L Band for Paper Mills, Special Applications	Auto	Automotive, Universal Clamp	Band/Buckle	Band/Buckle, Preformed Clamps	Special	Band/Buckle	Band/Buckle Preformed Clamps

All values in table are reference only.

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