

# Stainless Steel Ties

Bundle, Tie or 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® 316 SS	Self-Lok® 304 SS 316 SS	Band-Lok® 201 SS	Tie-Dex® 304 SS
Coating	No	No	Nylon 11	Nylon 11	Nylon 11 PPA	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 with low profile.
- A strong patented dimple lock.
- Available in 3 widths: 0.177", 0.250" and 0.375".
- Provides fast, reliable, consistent clamp.
- Great for bundling cable.
- Tie-Lok® Tie applied with A92079 hand tool or IT1000 pneumatic tool.
- Tie-Lok® Mini Tie applied with A91079 hand tool or IT0750 pneumatic tool.
- Tie-Lok® Tie 0.375" width applied with TL3800 hand tool or IT6000 pneumatic tool.



### Ultra-Lok® Ties

- Smooth ID Ties with low profile.
- Stainless Steel tie with Ultra-Lok® locking style.
- Provides fast, reliable, consistent clamp.
- Great for bundling cable.
- Applied with A94079 hand tool or IT3000 pneumatic tool.



### Ball-Lok

- Self-locking ties.
- Available in two widths: 0.180" and 0.310".
- Speedy application.
- Fully coated epoxy.
- Apply by hand or with K50289 or KE922 hand tools.



### Multi-Lok

- Self-locking ties.
- Available in two widths: 7mm and 12mm.
- Fast, easy application.
- Install by hand or with a variety of tools.
- Unique multiple locking system.
- Coated with Nylon 11 or uncoated.
- Apply by hand or with M50389, AE2009 or AE2018 hand tools.



THORNE &  
DERRICK  
INTERNATIONAL

Thorne & Derrick  
+44 (0) 191 410 4292  
www.powerandcables.com

## BAND-IT® Ties 200/300 SS



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

### 316 SS

- Reusable tie available in 2 widths: 1/4" and 3/8".
- Low Smoke, Zero Halogen, PPA Coated for superior corrosion resistance.
- 316 Stainless Steel.
- For cable bundling in harsh environments.
- Thick coating protects cable/hands.
- Vibration proof.



**TL3800 Tie-Lok® Tool**  
New for 3/8"  
Tie-Lok® only

UL Listed, DNV Approved

## Tie-Lok® Tie

Part No.	Material*	Width		Length		Thickness		Maximum Diameter Single Wrap		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Package Weight		Application Tools
		In	mm	In	mm	In	mm	In	mm			Lbs	Kg	
AS2119	304 SS	1/4	6.4	10.0	254	0.015	0.38	2	51	250	100/bag	1.2	0.6	A92079 IT1000
AS2129	304 SS	1/4	6.4	16.5	419	0.015	0.38	4	101	250	100/bag	1.8	0.9	
AS2139	304 SS	1/4	6.4	22.5	572	0.015	0.38	6	152	250	100/bag	2.6	1.2	
AS2149	304 SS	1/4	6.4	29.0	737	0.015	0.38	8	203	250	100/bag	3.3	1.5	
AS2159	304 SS	1/4	6.4	35.0	889	0.015	0.38	10	254	250	100/bag	3.9	1.8	
AS4119	316 SS	1/4	6.4	10.0	254	0.015	0.38	2	51	250	100/bag	1.2	0.6	
AS4129	316 SS	1/4	6.4	16.5	419	0.015	0.38	4	101	250	100/bag	1.8	0.9	IT6000 TL3800
AS4139	316 SS	1/4	6.4	22.5	572	0.015	0.38	6	152	250	100/bag	2.6	1.2	
AS4149	316 SS	1/4	6.4	29.0	737	0.015	0.38	8	203	250	100/bag	3.3	1.5	
AS4159	316 SS	1/4	6.4	35.0	889	0.015	0.38	10	254	250	100/bag	3.9	1.8	
AS6219	304 SS	3/8	9.6	7.2	184	0.020	0.51	1.5	40	350	100/bag	1.9	0.9	IT6000 TL3800
AS6229	304 SS	3/8	9.6	10.0	254	0.020	0.51	2	51	350	100/bag	2.6	1.2	
AS6239	304 SS	3/8	9.6	16.0	406	0.020	0.51	4	101	350	100/bag	3.9	1.8	
AS6249	304 SS	3/8	9.6	22.5	572	0.020	0.51	6	152	350	100/bag	5.3	2.4	
AS6259	304 SS	3/8	9.6	29.0	737	0.020	0.51	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, DNV Approved

## Mini Tie-Lok® Tie

Part No.	Material*	Width		Length		Thickness		Maximum Diameter Single Wrap		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Package Weight		Application Tools
		In	mm	In	mm	In	mm	In	mm			Lbs	Kg	
AS2219	304 SS	0.177	4.5	7.0	165	0.015	0.38	1	25	100	100/bag	0.7	0.3	A91079 IT0750
AS2229	304 SS	0.177	4.5	10.0	254	0.015	0.38	2	51	100	100/bag	0.9	0.4	
AS2239	304 SS	0.177	4.5	16.0	406	0.015	0.38	4	102	100	100/bag	1.4	0.7	
AS2249	304 SS	0.177	4.5	22.5	572	0.015	0.38	6	152	100	100/bag	1.9	0.9	
AS2259	304 SS	0.177	4.5	29.0	737	0.015	0.38	8	203	100	100/bag	2.4	1.1	
AS4219	316 SS	0.177	4.5	7.0	165	0.015	0.38	1	25	100	100/bag	0.7	0.3	
AS4229	316 SS	0.177	4.5	10.0	254	0.015	0.38	2	51	100	100/bag	0.9	0.4	A91079 IT0750
AS4239	316 SS	0.177	4.5	16.0	406	0.015	0.38	4	102	100	100/bag	1.4	0.7	
AS4249	316 SS	0.177	4.5	22.5	572	0.015	0.38	6	152	100	100/bag	1.9	0.9	
AS4259	316 SS	0.177	4.5	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.

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



See page 3.

**Ultra-Lok® Tie**

Part No.	Material*	Width		Length		Thickness		Maximum Diameter Single Wrap		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Package Weight		Application Tools
		In	mm	In	mm	In	mm	In	mm			Lbs	Kg	
AU2029	201 SS	1/4	6.4	8	203	0.015	0.38	1.5	38	400	100/bag	1.0	0.5	A94079 IT3000
AU2039	201 SS	1/4	6.4	10	254	0.015	0.38	2.5	63	400	100/bag	1.2	0.6	
AU2049	201 SS	1/4	6.4	12	305	0.015	0.38	3.0	76	400	100/bag	1.4	0.7	
AU2059	201 SS	1/4	6.4	14	356	0.015	0.38	3.8	96	400	100/bag	1.6	0.8	
AU2069	201 SS	1/4	6.4	16	406	0.015	0.38	4.5	114	400	100/bag	1.9	0.9	
AU2079	201 SS	1/4	6.4	19	483	0.015	0.38	5.4	137	400	100/bag	2.2	1.0	
AU2089	201 SS	1/4	6.4	24	610	0.015	0.38	7.0	177	400	100/bag	2.7	1.3	
AU2099	201 SS	1/4	6.4	29	737	0.015	0.38	8.0	215	400	100/bag	3.3	1.5	
AU2159	201 SS	1/4	6.4	35	889	0.015	0.38	10.5	266	400	100/bag	3.9	1.8	



**A94099 Ultra-Lok® Tool**  
Adjustable tension, forms lock, cuts off tail.



**Ultra-Lok® Tie**

CE Marked, DNV Approved, Coast Guard Approved, Germanisher Lloyd listed and Lloyds Register listed

**Ball-Lok Tie**

Part No.	Material*	Width		Length		Base Material Thickness		Maximum Diameter Single Wrap		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Package Weight		Application Tools	
		In	mm	In	mm	In	mm	In	mm			Lbs	Kg		
KE1128	-	304 SS	0.180	4.6	7.9	201	0.010	0.25	2.0	50	200	100/bag	0.6	0.3	KE922 K50289 or by hand
KE1138	-	304 SS	0.180	4.6	10.2	259	0.010	0.25	2.7	69	200	100/bag	0.7	0.4	
KE1148	-	304 SS	0.180	4.6	14.2	360	0.010	0.25	4.0	102	200	100/bag	0.9	0.5	
KE1158	-	304 SS	0.180	4.6	20.4	520	0.010	0.25	6.0	152	200	100/bag	1.3	0.6	
KE1168	-	304 SS	0.180	4.6	26.8	679	0.010	0.25	8.0	203	200	100/bag	1.8	0.8	
KE1178	-	304 SS	0.180	4.6	33.0	838	0.010	0.25	10.0	254	200	100/bag	2.1	1.0	
KE1188	-	304 SS	0.180	4.6	42.0	1067	0.010	0.25	12.0	305	200	100/bag	2.4	1.1	
KE0128	-	316 SS	0.180	4.6	7.9	201	0.010	0.25	2.0	50	200	100/bag	0.6	0.3	
KE0138	-	316 SS	0.180	4.6	10.2	259	0.010	0.25	2.7	69	200	100/bag	0.7	0.4	
KE0148	-	316 SS	0.180	4.6	14.2	360	0.010	0.25	4.0	102	200	100/bag	0.9	0.5	
KE0158	-	316 SS	0.180	4.6	20.4	520	0.010	0.25	6.0	152	200	100/bag	1.3	0.6	
KE0168	-	316 SS	0.180	4.6	26.8	679	0.010	0.25	8.0	203	200	100/bag	1.8	0.8	
KE0178	-	316 SS	0.180	4.6	33.0	838	0.010	0.25	10.0	254	200	100/bag	2.1	1.0	
KE0188	-	316 SS	0.180	4.6	42.0	1067	0.010	0.25	12.0	305	200	100/bag	2.4	1.1	
KE1328	-	304 SS	0.310	7.9	7.9	201	0.010	0.25	2.0	50	300	100/bag	1.0	0.5	
KE1338	-	304 SS	0.310	7.9	10.2	259	0.010	0.25	2.7	69	300	100/bag	1.3	0.6	
KE1348	-	304 SS	0.310	7.9	14.2	360	0.010	0.25	4.0	102	300	100/bag	1.7	0.8	
KE1358	-	304 SS	0.310	7.9	20.4	520	0.010	0.25	6.0	152	300	100/bag	2.2	1.1	
KE1368	-	304 SS	0.310	7.9	26.8	679	0.010	0.25	8.0	203	300	100/bag	2.9	1.3	
KE1378	-	304 SS	0.310	7.9	33.0	838	0.010	0.25	10.0	254	300	100/bag	3.5	1.6	
KE1388	-	304 SS	0.310	7.9	42.0	1067	0.010	0.25	12.0	305	300	100/bag	4.6	2.1	
KE0328	-	316 SS	0.310	7.9	7.9	201	0.010	0.25	2.0	50	300	100/bag	1.0	0.5	
KE0338	-	316 SS	0.310	7.9	10.2	259	0.010	0.25	2.7	69	300	100/bag	1.3	0.6	
KE0348	-	316 SS	0.310	7.9	14.2	360	0.010	0.25	4.0	102	300	100/bag	1.7	0.8	
KE0358	-	316 SS	0.310	7.9	20.4	520	0.010	0.25	6.0	152	300	100/bag	2.2	1.1	
KE0368	-	316 SS	0.310	7.9	26.8	679	0.010	0.25	8.0	203	300	100/bag	2.9	1.3	
KE0378	-	316 SS	0.310	7.9	33.0	838	0.010	0.25	10.0	254	300	100/bag	3.5	1.6	
KE0388	-	316 SS	0.310	7.9	42.0	1067	0.010	0.25	12.0	305	300	100/bag	4.6	2.1	
-	KE0228	316 SS	0.180	4.6	7.9	201	0.010	0.25	2.0	50	150	100/bag	0.6	0.3	KE922 AE2018 M50389 or by hand
-	KE0238	316 SS	0.180	4.6	10.2	259	0.010	0.25	2.7	69	150	100/bag	0.7	0.4	
-	KE0248	316 SS	0.180	4.6	14.2	360	0.010	0.25	4.0	102	150	100/bag	1.0	0.5	
-	KE0258	316 SS	0.180	4.6	20.4	520	0.010	0.25	6.0	152	150	100/bag	1.4	0.7	
-	KE0268	316 SS	0.180	4.6	26.8	679	0.010	0.25	8.0	203	150	100/bag	1.8	0.8	
-	KE0278	316 SS	0.180	4.6	33.0	838	0.010	0.25	10.0	254	150	100/bag	2.3	1.1	
-	KE0428	316 SS	0.310	7.9	7.9	201	0.010	0.25	2.0	50	175	100/bag	1.1	0.6	
-	KE0438	316 SS	0.310	7.9	10.2	259	0.010	0.25	2.7	69	175	100/bag	1.5	0.8	
-	KE0448	316 SS	0.310	7.9	14.2	360	0.010	0.25	4.0	102	175	100/bag	1.8	0.8	
-	KE0458	316 SS	0.310	7.9	20.4	520	0.010	0.25	6.0	152	175	100/bag	2.4	1.2	
-	KE0468	316 SS	0.310	7.9	26.8	679	0.010	0.25	8.0	203	175	100/bag	3.1	1.4	
-	KE0478	316 SS	0.310	7.9	33.0	838	0.010	0.25	10.0	254	175	100/bag	3.8	1.7	



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



**KE922 Manual Tensioning Tool**  
with tail cut-off lever.



**Ball-Lok Ties**

UL listed, CE Marked, DNV Approved

**Multi-Lok Tie**

Part No.	Material*	Width		Length		Thickness			Maximum Diameter Single Wrap		Minimum Loop Tensile Strength (Lbs)	Package Quantity	Package Weight		Application Tools		
		In	mm	In	mm	Uncoated In	Coated mm	In	mm	Lbs			Kg				
AE6019	AE6119	316 SS	0.270	6.9	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	6.9	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	6.9	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	6.9	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	6.9	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	11.9	6.0	150	0.011	0.28	0.018	0.46	1.3	33	400	100/bag	1.1	0.5	
AE7029	AE7129	316 SS	0.470	11.9	9.0	225	0.011	0.28	0.018	0.46	2.2	57	400	100/bag	1.7	0.8	
AE7039	AE7139	316 SS	0.470	11.9	12.0	300	0.011	0.28	0.018	0.46	3.2	81	400	100/bag	2.2	1.0	
AE7049	AE7149	316 SS	0.470	11.9	18.0	450	0.011	0.28	0.018	0.46	5.1	129	400	100/bag	3.0	1.4	
AE7059	AE7159	316 SS	0.470	11.9	24.0	610	0.011	0.28	0.018	0.46	7.1	180	400	100/bag	4.3	2.0	

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



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



**Multi-Lok Ties**



UL listed, DNV Approved, CE Marked,  
Germanischer Lloyd listed, Lloyds Register listed

### 316 Stainless Steel BAND-IT® Tie PPA571 coated

Part No. Coated	Material*	Width		Length		Thickness Coated		Maximum Diameter Single Wrap		Minimum Loop Tensile Strength	Package Quantity	Package Weight		Application Tools
		In	mm	In	mm	In	mm	In	mm			Lbs	Kg	
AE111	316 SS	1/4	6.4	6.0	152	0.045	1.1	1.5	38	75/300**	100/bag	1.4	0.6	AE2018 AE2009 C07569 or by hand
AE112	316 SS	1/4	6.4	9.0	229	0.045	1.1	2.5	63	75/300**	100/bag	1.8	0.8	
AE113	316 SS	1/4	6.4	12.0	305	0.045	1.1	3.4	86	75/300**	100/bag	2.1	1.0	
AE114	316 SS	1/4	6.4	18.0	457	0.045	1.1	5.4	137	75/300**	100/bag	3.0	1.4	
AE115	316 SS	1/4	6.4	24.0	610	0.045	1.1	7.3	185	75/300**	100/bag	3.7	1.7	
AE311	316 SS	3/8	9.6	6.0	152	0.045	1.1	1.5	38	100/500**	100/bag	1.8	0.8	
AE312	316 SS	3/8	9.6	9.0	229	0.045	1.1	2.5	63	100/500**	100/bag	2.5	1.1	
AE313	316 SS	3/8	9.6	12.0	305	0.045	1.1	3.4	86	100/500**	100/bag	3.1	1.4	
AE314	316 SS	3/8	9.6	18.0	457	0.045	1.1	5.4	137	100/500**	100/bag	4.4	2.2	
AE315	316 SS	3/8	9.6	24.0	610	0.045	1.1	7.3	185	100/500**	100/bag	6.6	3.0	
AE316	316 SS	3/8	9.6	30.0	762	0.045	1.1	9.1	231	100/500**	100/bag	7.0	3.2	
AE317	316 SS	3/8	9.6	36.0	914	0.045	1.1	11.0	280	100/500**	100/bag	8.3	3.8	

\*\*Single/Double Wrapped

Material thickness includes PPA coating - Base material thicknesses uncoated: 1/4" is 0.015"; 3/8" is 0.015".  
Low smoke, non-toxic, zero halogen, PPA coated with superior corrosion resistance.

## BAND-FAST™ CABLE RESTRAINT CLAMPS

THE LOW COST ALTERNATIVE TO CABLE CLEATS

### PRODUCT BENEFITS

- Low profile finish
- 316 grade stainless (0.4mm band thickness)
- PPA 571 coating (0.4mm coating thickness)
- Zero Halogen, low smoke & fume
- DNV and GL Type Approved Materials
- Logistical and handling benefits  
(easier to move around site in bulk)
- Standard width 5/8" (15.88mm) – other widths available
- Standard colour black (other colours available upon request)
- Captive sealing clip
- Fully rounded edges
- Round profile on end of band
- Improved health & safety during installation
- Significantly lower cost compared to cleats
- Significant weight reduction
- Reduced inventory – one size fits all
- No accessories required (fixing, liners, packers, studding, etc)
- Accommodates variations in cable diameter
- Reduced environmental impact during manufacture / transportation / decommissioning
- 50% labour saving versus cleats
- Easy application using C075 Bantam tool
- Independently tested for shock and short circuit

**CAN YOU AFFORD TO IGNORE THE ADVANTAGES?**

Contact **BAND-IT** for further information  
on **BAND-FAST™** cable restraint clamps.



See page 3.

[www.BAND-IT-IDEX.eu](http://www.BAND-IT-IDEX.eu)

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**BAND-IT® Ties**  
PPA571 coated



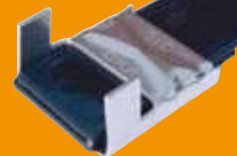
**AE2018 Tensioning**  
Hook



**AE2009 Cable Tie**  
Tensioner



**C07569 Bantam**  
Tool



# Application Engineering

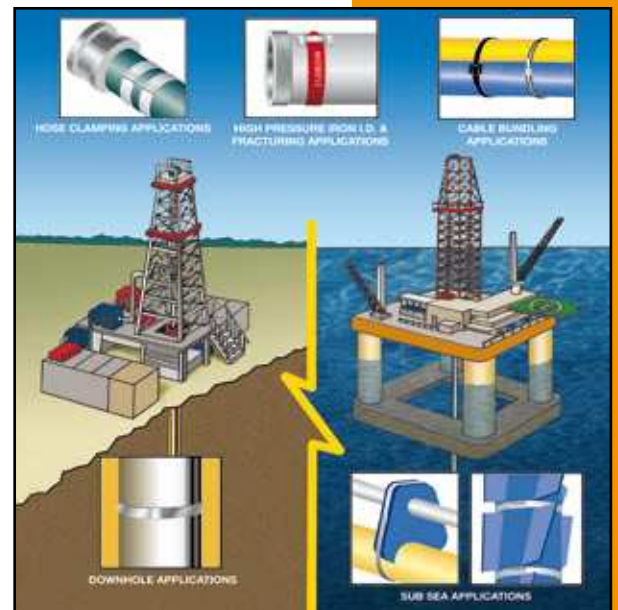
## Application Engineering Services

BAND-IT provides application engineering services for customers in any industry to understand and specify our quality solutions and products. With over 70 years of experience in stainless steel clamping, banding, bundling, fastening, and identification solutions, our engineers can modify standard clamping systems or develop new solutions for your specific project needs. From customized clamp selection to in-depth field testing and training, BAND-IT's engineered applications team can meet the exacting requirements for your specialized needs.



## Why BAND-IT® Quality Engineered Solutions?

- ISO 9001, ISO 14001, & TS 16949 Registration for Excellence in Environmental and Integrated Management Systems.
- State of the art high speed application tools and complete product line.
- Unrivalled R&D and engineering support.
- Worldwide Manufacturing and distribution facilities.
- On call Engineered Applications Team to meet your project needs.
- Stainless Steel Clamping Solutions:
  - High strength.
  - Easily conforms to any shape.
  - Uniquely able to securely fasten dissimilar materials, odd shapes and difficult objects.
  - Withstands extreme temperatures and corrosive conditions.
  - Vibration resistant.



Energy & Marine Solutions

## BAND-IT's Custom Engineered Solutions can be found in many industries, including:

- Agriculture
- Civil Infrastructure
- Construction
- Manufacturing
- Oil & Gas
- Chemical
- Power Distribution
- Transportation
- and many more

**Call today and find out why BAND-IT is the world's leader in quality engineered band clamping systems and solutions!**



Automotive Solutions



## “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" Universal Clamps.
  - 1/4" and 3/8" Jr.® Smooth ID Clamps.
  - 1/4" Ultra-Lok® ties.
  - 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 pneumatic system.
- Easy to maintain design.
- Optional data output capability.



CE Marked

IT Series Tools

### IT Series Tools

IT0750	For all .177" wide mini Tie-Lok® Ties
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® Clamps.
IT6000	For all 3/8" Tie-Lok® Ties.
<b>Coming Soon</b>	
IT0250	For all .120" wide micro Tie-Dex® Ties
IT0500	For all .240" wide Tie-Dex® Ties

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



See page 3.

[www.BAND-IT-IDEX.eu](http://www.BAND-IT-IDEX.eu)

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# Tie-Dex® Clamping System CE Marked

## 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. All Tie-Dex tools can be calibrated.

Tie-Dex clamping systems provide a quick and reliable way of terminating cable shielding 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® is 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 band clamps install 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		Maximum Diameter Double Wrap		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		Maximum Inside Diameter Double Wrap		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® Bands

## 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.



A40199 Tie-Dex® II Tool

## 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.



A49099 Tie-Dex® II Kit

## 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-A46687, 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).



A50099 Tie-Dex® Calibration Kit

**New Electronic Version Coming Soon!**

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



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