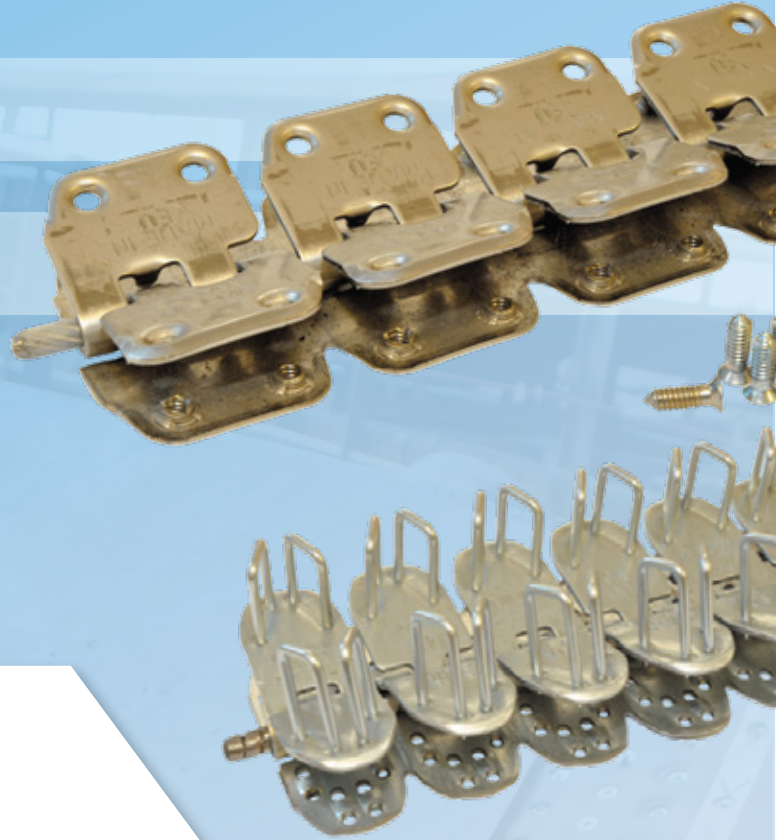
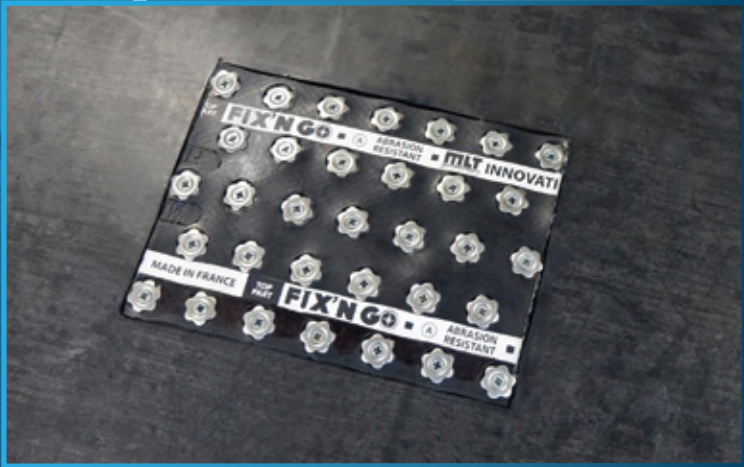


# AIRMATIC®

WE'LL HANDLE IT.



**MLT**  
Minet Lacing Technology

## BELT SPLICING SOLUTIONS

Alternatives to Vulcanizing Conveyor Belts

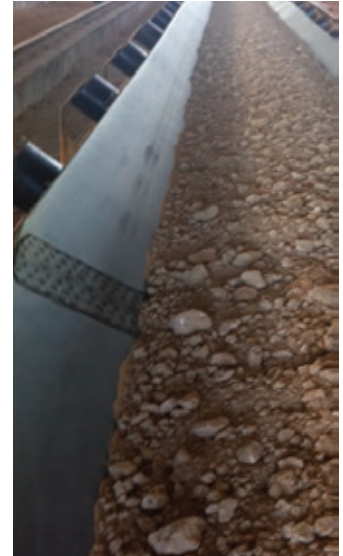
**AIRMATIC**

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215.333.5600  
infocenter@airmatic.com  
airmatic.com

## SUPER-SCREW® SPLICE

MLT developed the **SUPER-SCREW Splice** as a viable alternative to vulcanizing. It is a flexible rubber splice that screws directly onto the belt. The SUPER-SCREW Splice uses specifically designed self-drilling, self-tapping screws that preserve the belt integrity by spreading the carcass threads without cutting them.

This technology not only allows the SUPER-SCREW to be installed regardless of conveyor belt location, accessibility, or weather conditions, but it also significantly reduces downtime. Simple and practical, the SUPER-SCREW is available in different grades of rubber.



### GENERAL DATA

SUPER-SCREW	35	63	65	80	85	100	105	125	127	180	200
<b>Belt Thickness, in</b>	5/32	5/32 - 1/2		5/32 - 19/32		5/32 19/32	5/32 14/32	1/4 - 13/16		1/4 13/16	1/4 - 3/4
<b>Max. Belt Strength, lb/in</b>	1800	3597		4568		5710		7137		10278	11420
<b>Max. Belt Tension, PIW</b>	200	360		450		650		950		1650	2000
<b>Min. Pulley Ø, in</b>	6	8		10		12		14		16	20
<b>Top Plate Thickness, in</b>	5/32	3/16	15/64	15/64	9/32	9/32	11/32	15/64	17/64	9/32	11/32
<b>Bot. Plate Thickness, in</b>	5/32	11/64		7/32				15/64			

### AVAILABLE RUBBER GRADES

- **A** - abrasion resistant (standard)
- **G** - oil resistant (248°F heat resistant)
- **R** - heat retardant 338°F (392°F flash)
- **F** - fire resistant and anti-static (MSHA, DIN 20340 & 20 284)
- **P** - very low temperature down to -58°F
- **W** - white FDA cover with stainless steel inserts and screws  
Maximum length : 3.9-feet



### ADVANTAGES

- Easy to Install
- Compatible with Belt Cleaners
- No Drilling Preparation, No Template
- Quick Installation regardless of weather
- Flexible
- Works on Tubular Belts
- Wear and Cut Resistant
- Bridges different belt carcasses
- Self-Tapping Screws through the Belt
- High Tensile Strength
- High-temp belts up to 392°F
- Leak Proof
- Compatible w/ all Diameter Pulleys

## SUPER-SCREW

*Ready-to-Use*



**SUPER-SCREW Ready-to-use** : Cut lengths up to 9-feet! The assembly spacers are preinstalled: the top part matches the bottom part. It is delivered with screws and PZ bit.

### DELIVERED WITH



**SUPER-SCREW**  
assembled with spacers

**Screws**

**PZ bit**

## SUPER-SCREW

*On Coil*



**SUPER-SCREW on Coil**: Delivered in 2 separate rolls: A top roll and a bottom roll. You receive the quantity of screws, spacers and bits needed to install the complete roll. The size of the spacers and screws can be specified to meet a facility's multiple splice needs.

Max. Coil Roll Length:

- 82' for SUPER-SCREW 35 to 105
- 50' for SUPER-SCREW 180 to 200

### TO ADD



**Spacers**

**Screws**

**PZ bit**



## ISC® SPLICE

The **ISC Splice** allows the belt to be installed by simply screwing both ends together without overlap or extra thickness. This system guarantees an immediate installation with less down time.

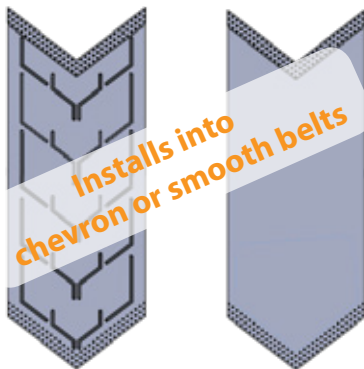
ISC Splice is vulcanized into the belt by our qualified production department. Its connecting system offers very high resistance to strong and continuous high impact conditions.

A wide range of applications: the ISC Splice can be used for road milling machines, construction machines, mobile crushers, recycling machines, cement plants, and similar difficult applications.

It is perfect for emergency situations – it's easily and quickly installed, and long lasting.



**A real innovation in the conveyor belt lacing industry. Both ends are prepared at the factory, you just need to position the belt and screw both ends together.**



- Excellent resistance to heavy and continuous impact shocks.
- ICS splice has very high strength so as to avoid breakdowns – stronger than a cold vulcanized splice.
- Many rubber grades available: Abrasion Resistant (high abrasion index: DIN 40), Oil and Grease Resistant (abrasion index: DIN 40), Heat Retardant to 400°F/200°C flash (abrasion index : DIN 40).
- Easy to install, no skilled crew required
- No special tooling required, use power drill (≥ 18V)
- Can be installed regardless of belt location, accessibility, or weather conditions.
- No harmful adhesives or other chemical agents.
- Safe to use: no special tooling, less down time.

**Note:** Anti-magnetic ISC Splice available. (Non-magnetic stainless steel screws and inserts)

## FIX'N GO® RIP & TEAR REPAIR

**FIX'N GO KIT** is an innovative and unique solution for repairing belt rips and tears. Thanks to the properties of the 50 mm<sup>3</sup> rubber used, FIX'N GO KIT has a higher abrasion resistance than most conveyor belts used, without impacting its flexibility, resistance to elongation and tensile strength. By repairing belts with FIX'N GO KIT, you get a quick and long-term solution.

MLT designed screws are self-drilling and self-tapping; they spread the carcass threads without cutting them.

### TECHNICAL CHARACTERISTICS

#### Available Versions

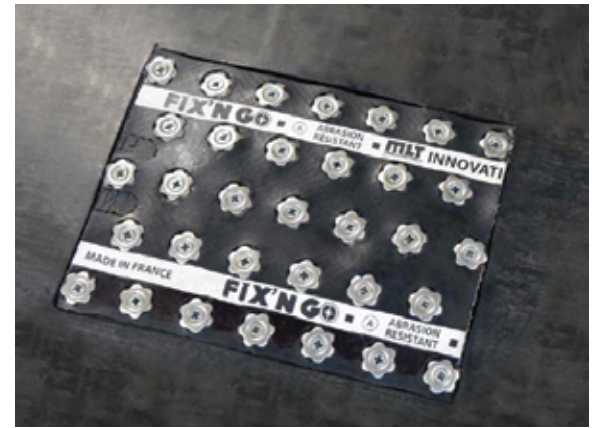
- Anti-Abrasion and Heat Resistant
- Fire-Resistant and Oil-Resistant
- Carbon steel inserts and screws  
Width: 6¼"
- Thickness top plate: 1/16" to 1/8"
- Thickness bottom plate: 5/64" to 1/16"
- Quantity of Screws per Yard: 163

#### Packaging

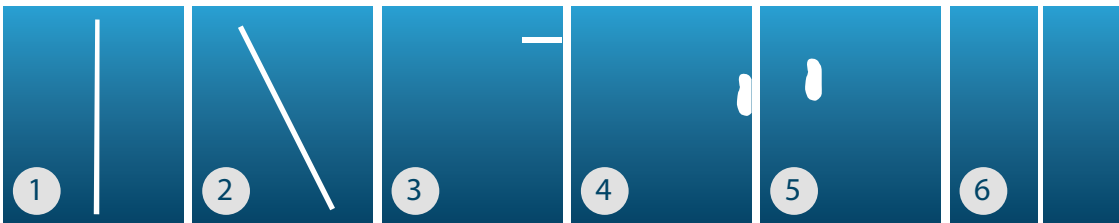
- Available in boxes of 2.1 yards or 21 yards, with screws

#### Installation Tools

- Battery, electric or pneumatic operated drill or screwdriver



### When to Use FIX'N GO

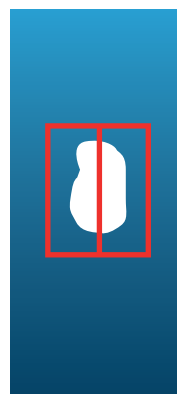


#### LEGEND

- Conveyor Belt
- Hole/Tear
- Fix'N Go
- Screws

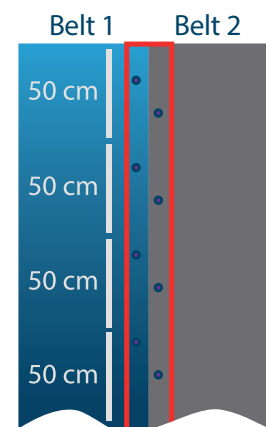
- 1 Longitudinal tear
- 2 Transverse tear < 50% of belt width  
FIX'N GO must have 20% of belt width on each side of the tear
- 3 Band edge tear < 20% of belt width
- 4 Hole up to 6" wide along the belt edge
- 5 Hole up to 12" wide
- 6 Joining of two belts lengthwise

#### Holes larger than FIX'N GO



Use two pieces next to each other, parallel to the direction of travel.

#### Joining Two Belts



Screw every 20" on each band

Alternate screwing pattern over the entire length

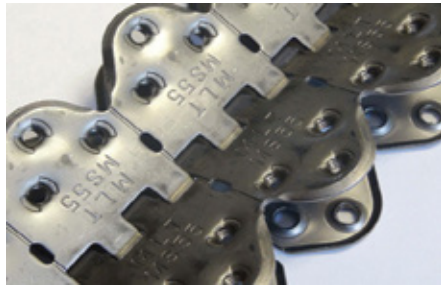
## MS® FASTENERS

The **MS Fasteners** are the only mechanical fasteners installed utilizing self-tapping screws for heavy duty belts which require no drilling, no template, and no hammering. The screws drive smoothly through the belt, without predrilling for a template.

The rubber belts are able to be repaired and put in service immediately. (thickness of 9/64" to 23/32").

Installation of MS Fasteners requires only a power drill, MS Fasteners are economical since no special equipment is needed and the work can be done rapidly and safely.

MS Fasteners can be installed over a wide range of pulley diameters from 3" to 18". They can be installed on belts which are mechanically rated up to 800-PIW. The screws tightly and strongly clamp the belt for positive compression.



MS Fasteners are available in galvanized carbon steel or in a nonmagnetic stainless steel. MS Fasteners in Stainless Steel allow the joining of food industry belts, belts with magnet separators, or other harsh conditions. The connecting pin (5/32" to 3/8" Dia) is made of nylon covered galvanized steel or of nylon nonmagnetic stainless steel. All types of belts can be repaired immediately and in emergency situations quick and easily.

### Installation Tool

Battery, electric or pneumatic operated drill or screwdriver

## TECHNICAL DATA

	MS 25	MS 35	MS 45	MS 55	MS 65
<b>Belt thickness, in.</b>	1/8 to 5/16	3/16 to 3/8	3/8 to 7/16	3/8 to 5/8	9/16 to 3/4
<b>For belt with mechanical fastener rating up to, PIW</b>	350	360	400	600	800
<b>Min. Pulley Ø, in.</b>	3	3.5	5	10	18
<b>Connecting Pin Ø, in.</b>	5/32	3/16	1/4	5/16	25/64

Composition	
<b>Fastener</b>	Galvanized steel/non magnetic stainless steel   Galvanized steel
<b>Screws</b>	Galvanized steel/non magnetic stainless steel
<b>Connecting Pin</b>	Nylon covered galvanized pin or nylon covered stainless steel pin
<b>Installation</b>	Power Drill (No Pre-Drilling; No Template)
<b>Packaging</b>	Available in strips 7" to 10-ft long

## SELF-LOCK® Fasteners

**SELF-LOCK Fasteners** are patented by MLT. The top face clamps itself into the belt by having the claws passing underneath the bridges and closing themselves. Its efficiency and simplicity makes SELF-LOCK a major innovation in the conveyor belt industry.

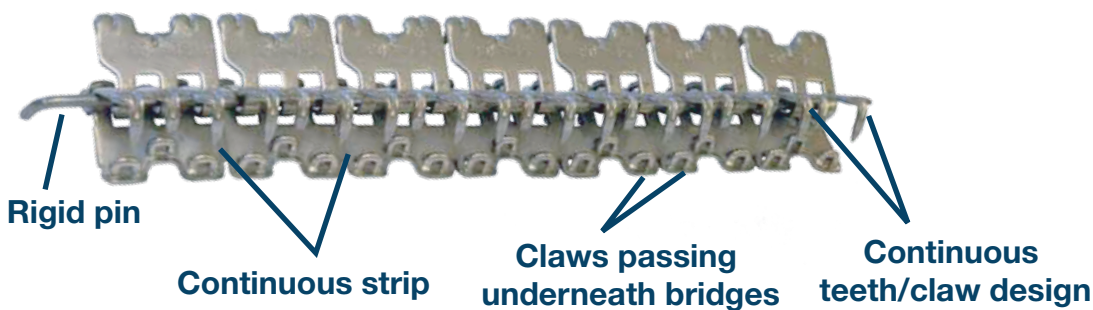
### ADVANTAGES

- Quick Installation
- One step fastening
- Low Profile
- Grips the belt with good compression
- Continuous teeth/claw design prevent contamination of the carried product
- Adapted to bare back belt
- Non-magnetic fastener
- Rigid pin
- Continuous strip

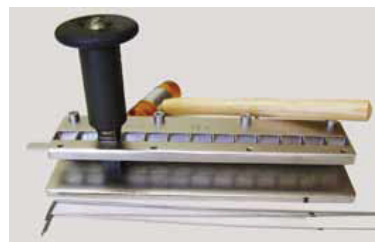
### TECHNICAL DATA

	SL 00	SL 01	SL 02	SL 03
<b>Belt thickness, in</b>	1/32 – 5/64	1/16 – 3/32	3/32 – 1/8	1/8 – 3/16
<b>Max. belt tension, PIW</b>	68	91	160	217
<b>Min. pulley Ø, in</b>	1	1-1/2	2	2-3/8

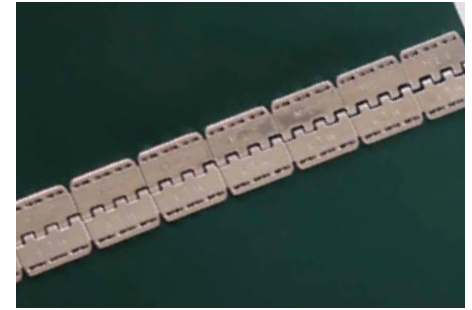
### Self-Lock 03



### INSTALLATION TOOL



- Tools easy to transport
- Tool Kit hammer, punch & pins works on all 4 sizes



**SELF-LOCK 01**



**Low Profile**



**Continuous teeth/claws**

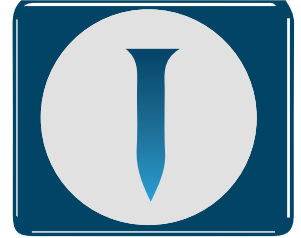


- Teeth/claws are inside belt is better with belt cleaners

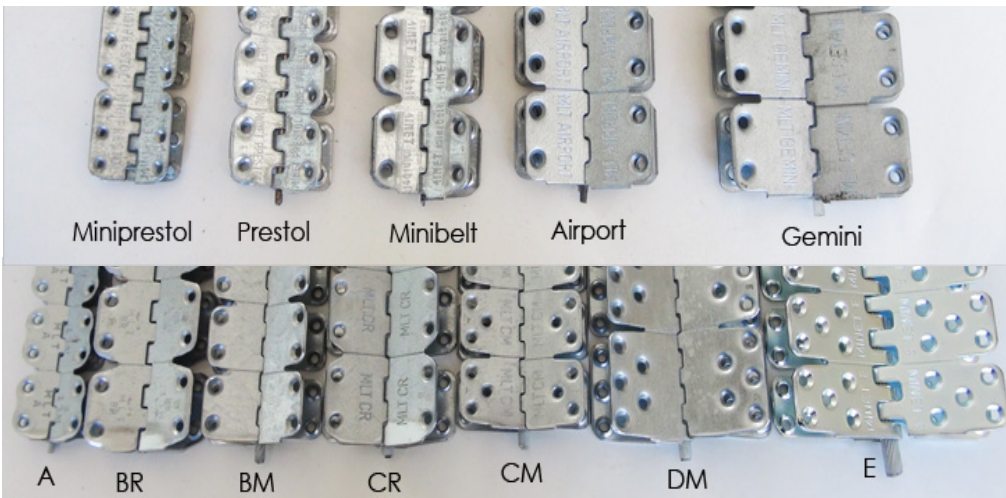
## RIVET FASTENERS

The **Rivet Fastener** family is large and meets most needs from light to heavy duty belts. It is used to join belts from 1/32" to 1/16" (1 to 18 mm) with pulley diameters from 7-7/8" to 15-1/2" (200 to 400 mm) with no costly installation equipment.

	Miniprestol	Prestol	Minibelt	Airport	Gemini
<b>Belt thickness, in</b>	1/32-1/16	3/64-7/64	1/32-5/32	7/64-15/64	3/32-1/4
<b>Maximum belt tension, lb/in</b>	45	68	114	114	200
<b>Maximum belt strength, lb/in</b>	456	685	1142	1142	1998
<b>Minimum pulley Ø, in</b>	3/4	1	1-3/16	1-3/8	2-3/64
<b>Rivets per yard</b>	261	218	174	174	174



BR fasteners with copper rivets



SIZE	A	BR	BM	CR	CM	DM	E
<b>Belt thickness, in</b>	13/16-1/4	1/4-7/16	1/4-1/2	5/16-11/32	5/16-35/64	11/32-5/8	35/64-45/64
<b>Max. belt tension, lb/in</b>	199	342	371	456	456	571	800
<b>Max. belt strength, lb/in</b>	1998	3426	3711	4568	4568	5710	7994
<b>Min. pulley Ø,</b>	3	5	5	10	10	12	15
<b>Rivets per yard</b>	104	82	104	82	160	174	261





**ADVANTAGES**

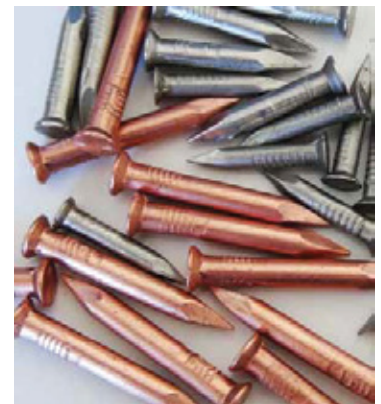
- Installation on any type of belt
- Available in FDA/USDA anti-magnetic stainless steel
- Copper or stainless steel rivets
- Good compression into the belt

<b>Fasteners:</b>	<ul style="list-style-type: none"> <li>• Galvanized carbon steel</li> <li>• Anti-magnetic stainless steel</li> </ul>
<b>Rivets:</b>	<ul style="list-style-type: none"> <li>• Copper rivets (on strip or in bag)</li> <li>• Stainless steel rivets [on strip or in bag]</li> </ul>
<b>Installation:</b>	<ul style="list-style-type: none"> <li>• Hammer</li> </ul>
<b>Packaging:</b>	<ul style="list-style-type: none"> <li>• Unit pieces for requested belt width up to 10' in one length.</li> <li>• Box of 4 complete fasteners with 8 half fasteners, 4 cable pins, and required copper rivets (Miniprestol, Prestol, Minibelt and Airport).</li> <li>• Rivets are available in bag or on plastic strip.</li> </ul>

**E fasteners with copper rivets**



**Additional  
Installation  
Specifics  
Available!**

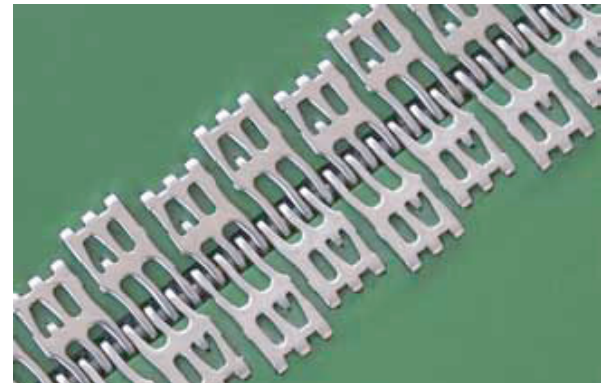


**Copper and stainless steel rivets**

## CLIP'N LOCK® Fasteners

**CLIP'N LOCK Fasteners** are low profile, light duty fasteners. They maintain the normal pitch that ensures an excellent gripping of the claws in wide belts, plus 2 additional design features:

- Double rows of teeth for additional strength
- Continuous connection to eliminate risk of losing claws



Top side of CLIP'N LOCK



Bottom side of CLIP'N LOCK



CLIP'N LOCK carded

### Double rows of teeth for additional strength



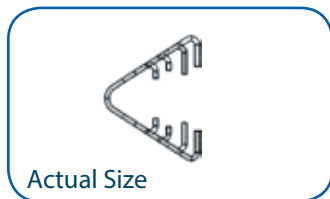
### Offset design reduces risk of losing claws



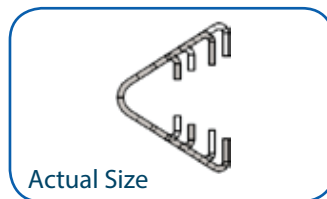
## ADVANTAGES

Offset design (continuously connected)

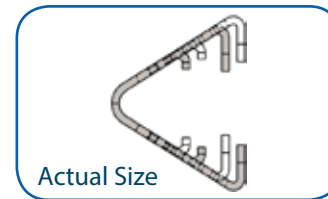
- Reduces risk of losing claws
- Helps to maintain normal pitch in wide belts
- Perfect for troughed belts
- 33% more grip points give 15% more strength than standard fasteners.



CL 30



CL 40



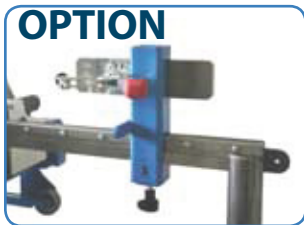
CL 50

## TECHNICAL DATA

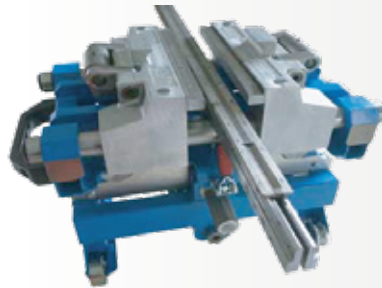
	CL 30	CL 40	CL 50
Lacing pitch, in	3/32	1/8	9/64
Belt thickness, in (Regular point fastener)	1/16 - 5/64	5/64 - 1/8	1/8 - 13/64
Minimum pulley Ø, in	2	1-19/32	3
Material	316 L anti-magnetic stainless steel	316 L anti-magnetic stainless steel	316 L anti-magnetic stainless steel
Installation	MultiTool or vice tool		
Hinge, in	Nylon covered or bare stainless steel pin 19/32 - 1/16	Nylon covered or bare stainless steel pin 1/16 - 5/64	Nylon covered or bare stainless steel pin 5/64 - 3/32
Packaging	In standard box each containing 10 strips of 12" , 24" , 48"		

## INSTALLATION TOOLS

### 1. MULTITOOL MULTI FASTENERS INSTALLATION TOOL



Integrated belt clamps



#### FEATURES

- Installs SELF-LOCK and CLIP 'N LOCK Fasteners;
- Module Tool Design.
- 10" (250mm) long jaws.
- Different comb lengths available.

#### Works with:

- Electric/hydraulic pump.
- Pneumatic/hydraulic pump.
- Hydraulic hand pump.

### 2. VICE TOOL



#### FEATURES

- Versatile
- Quick
- Strong clamping
- Integrated belt clamps
- Professional industrial quality



## MULTIPOINT FASTENERS

MLT's **6-Point** and **Multipoint Fasteners** quickly and easily grip the conveyor belt. Because the Multipoint Fasteners are so sharp, they can be used for conveyor belt rips or stringing belts onto the conveyor.

### FEATURES

<b>Material</b>	Galvanized carbon steel
<b>Applications</b>	Rip repair
<b>Installation</b>	The points pass through the belt
<b>Advantages</b>	Easy and quick
<b>Tool</b>	Hammer



### MULTIPOINT FASTENER

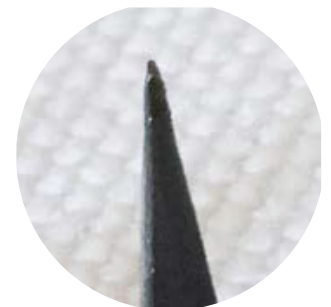
Size	Point length, in	Belt thickness, in
110	15/16	7/64 - 5/32
112	19/32	1/4 - 5/16
113	5/8	5/16 - 3/8
114	3/4	3/8 - 7/16
115	1-1/16	7/16 - 9/16
117	1-3/16	9/16 - 11/16

### 6-POINT FASTENER

Size	Point length, in	Belt thickness, in
1	11/32	5/32 - 1/4
2	25/64	1/4 - 5/16
3	35/64	5/16 - 25/64
4	3/4	25/64 - 1/2
5	15/16	1/2 - 5/8
6	1	5/8 - 3/4
7	1-13/32	3/4 - 27/32



**SERIOUSLY SHARP!**



## G 2000 FASTENERS

The **G 2000** Series are fasteners with pre-attached staples for high strength conveyor belts. They feature: Easy Installation; Pre-assembled Staples; Reinforced Loops; Perforations to easily cut to different lengths; Chamfered edges for belt cleaner compatibility.

	G-2001	G-2002	G-2003
Belt thickness, in	13/64 - 9/32	19/64 - 9/32	25/64 - 25/32
Max. belt tension, lb/in	371	799	1998
Max. Belt Strength, lb/in	3711 19/32	7994 7/16	19985 1/2
Minimum pulley Ø, in	3	10	20



## RECORD V6 FASTENERS

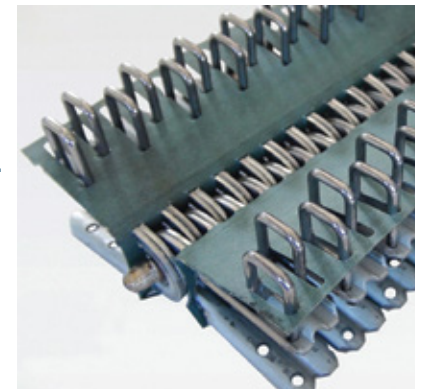
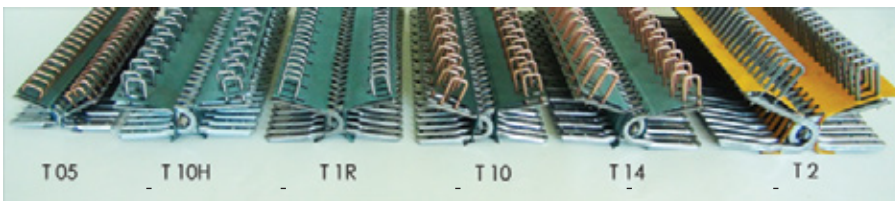
The **RV-6** series feature a simple, strong design, continuous length, pre-assembled staples, and strong secure compression.



Belt thickness, in	1/4 - 1/2
Belt with mechanical fastener rating up to	600-PIW
Minimum pulley Ø, in	9

## TITAN SERIES FASTENERS

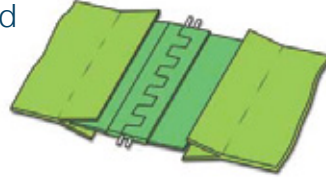
**TITAN FASTENERS** have pre-assembled staples for high tension conveyor belts. They are ideal for trough belts, are durable/long lasting, and are easily installed with either an open faced hammer or manual hydraulic installation press.



	T-05	T-10 H	T-1R	T -10	T-14	T-2
Belt thickness, in	3/16 - 9/32	3/16 - 9/32	7/32 - 9/16	7/32 - 35/64	3/8 - 23/32	9/16 - 23/32
PIW	375	720	720	800	920	2000
Minimum pulley Ø, in	3	10	10	10	20	32

## PVC/PU Flex Lacing

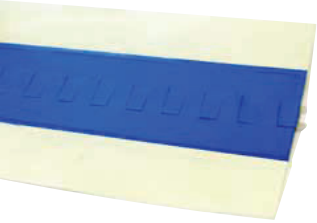
**PVC** and **PU Flexible Lacing** developed by MLT, is vulcanized inside the PVC or PU belt (using a vulcanizing PVC press). Available in different colors, these splices are perfect for joining either PVC or PU belts.



### CONNECTED



### DISCONNECTED



### ADVANTAGES

- Flexible lacing
- No added thickness
- Leak proof
- Easy-to-Clean by removing the pin
- Available in white FDA/USDA
- Can be used on rough top belts
- No metal pins, excellent for metal detector belts
- Different colors and types available

<b>Material:</b>	MLT reinforced PVC or PU
<b>Installation:</b>	The splice is vulcanized on or between the PVC or PU belt with a press: Hot melted flexible lacing
<b>Features:</b>	2 flexible or rigid connecting pins

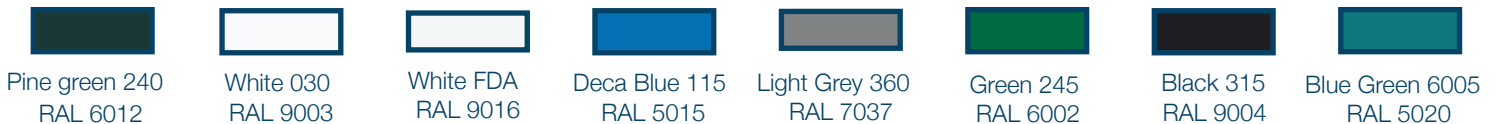


PVC splice in an airport belt

### TECHNICAL DATA

Top Side	PVC	PU	PVC Textile	PU Textile
Bottom Side	PVC or Textile	PU or Textile	PVC Textile	PU Textile
Belt Thickness, in	3/64 - 1/4	3/64 - 13/64	3/64 - 1/8	3/64 - 5/64
Max. Belt Tension, lb/in	45 - 114	45 - 114	45 - 68	45
Minimum Pulley Ø, in	2 - 10	2 - 5	2 - 2.5	2

### PU COLORS














### PVC COLORS



## PS-15 STANDARD BELT SKIVER

- Ergonomic handle fits comfortably in hands.
- Every blade can be fitted on the cutting head.
- Spring-loaded clamps and 2 locking screws make adjustments easy
- Skive any part of the belt.
- Skive belts from 1/16" to 5/8" deep.
- All wear parts are replaceable.



					
<b>C1</b> 1/8 - 13/64	<b>C2</b> 13/64 - 7/16	<b>C3</b> 1/16 - 15/32	<b>C4</b> 25/64 - 35/64	<b>C5</b> 15/32 - 11/16	
					
<b>R1</b> 1/8 - 7/32	<b>R2</b> 7/32 - 7/16	<b>R3</b> 9/32 - 16/32	<b>R4</b> 12/32 - 5/8	<b>R5</b> 7/16 - 11/16	<b>C6 / W6</b>

***The PS-15 STANDARD BELT SKIVER is a must have for any maintenance department. Save time and money with this easy-to-use belt skiving system!***



**Adjust to 4 heat settings: 0 (off), 1, 2, 3, 4**



**2 cap screws adjust the depth of the blade**

# **AIRMATIC**<sup>®</sup>

**WE'LL HANDLE IT.**

**AIRMATIC** founded in 1944, is a woman-owned Industrial Distributor, with installation and maintenance capabilities, offering equipment, machinery, and shop supplies to the Industrial, Construction, Utility, Government, and Commercial Markets. Our products and services are sold through three business units:

The **MATERIALS MANAGEMENT GROUP** provides products and services to industries that convey, store, transport, and process powders and bulk solids from aggregates, cement, and chemicals to foods, grains, metals, power generation, and waste water treatment applications;

The **SERVICE GROUP** provides fabrication, installation, and maintenance services to improve bulk materials handling efficiency; mechanical clean-out services for silos and hoppers to eliminate material flow problems; and shop repair/rebuilding and modifications services of products sold by the Company.

The **TOOL GROUP** provides power tools, personal protective equipment, materials-handling equipment, shop equipment and MRO supplies used for production, fabrication, assembly, metal removal, maintenance, and storage in manufacturing, construction, utility, and commercial applications. Our Customers tell us that by choosing **AIRMATIC** to solve their problems, they gain increased productivity, decreased costs, and a safer, cleaner work environment.



**MINET LACING TECHNOLOGY** with 70 years of experience in conveyor belt lacing systems and the conveyor belt industry owns 14 running patents. MLT has developed some fully innovative products for splicing light and heavy duty belts (Super-Screw<sup>®</sup> : flexible lacings to screw, ISC<sup>®</sup> : splice integrated into the belt, MS: mechanical fasteners to screw, Clip'N Lock<sup>®</sup> : mechanical fasteners).

## **AIRMATIC**

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