

# Stainless Steel Self-Locking Ties

*A revolution begins...*



*new!*

- Increased lock strength
- Easier threading
- Lower installed cost
- New sizes & styles

*With all of the features of the original PAN-STEEL™ stainless steel cable tie:*

- Withstands harsh environments
- Unique locking ramp
- Self-locking with low thread force
- Fully rounded edges
- Type 304 and 316 stainless steel
- State-of-the-art tooling

**PAN-STEEL™**

system

# A revolutionary new design in stainless steel ties!

## Engineered for the most extreme applications...

- World's highest rated loop tensile strength ball locking tie for an extra margin of safety
- Aggressive head design provides higher retained tension for a more secure bundle
- Exclusive lead in design for quick, easy threading for fastest installation time

### Locking head construction

#### New aggressive locking head\*

Allows for quicker locking of the ball for a tighter installation on all bundles.

#### Innovative displacement lock\*

Creates an improved interference between the ball and the tie body for improved locking strength.

#### Exclusive lead in design\*

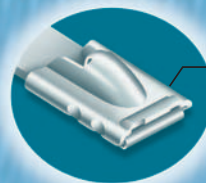
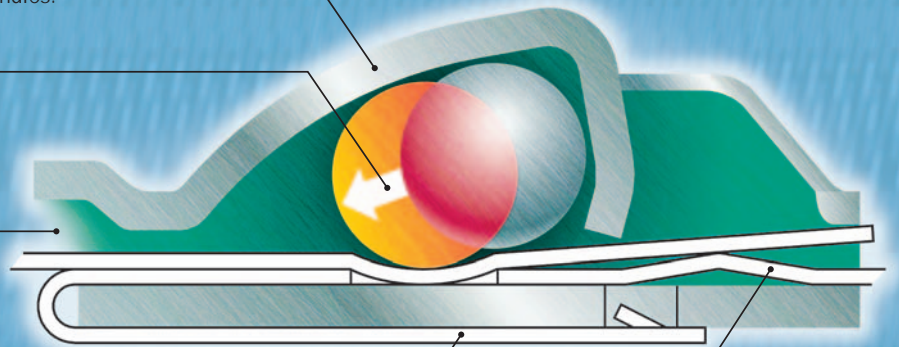
Creates a wider entrance for the tail of the tie, providing easier threading for lower installed cost.

#### Extended retaining tab

Allows for a fully supported head design for increased locking strength.

#### Unique locking ramp

Creates constant contact between the tie and locking ball, which assures locking in any position.



#### Strengthening ribs\*

Integrated into the locking head, resulting in a stronger head design and increased lock strength.

\* Patents pending

### Product specifications

- Material: Type 304 or 316 stainless steel
- Temperature range: -112°F (-80°C) to 1000°F (538°C) (non-coated ties)
- Water absorption: none
- Flammability: non-flammable
- Ultraviolet resistance: excellent
- Chemical resistance: excellent
- Radiation resistance:  $2 \times 10^8$  rads
- Loop tensile strength range: 200–450 lbs. (890–2000N) (see chart for sizes)
- Fully rounded edges and smooth surfaces
- Estimated outdoor service life: 40 years

### Styles and sizes for virtually any application

#### General Purpose Ties

Excellent performance in any environment. Available in three cross sections.

#### WAVE-TY™ Stainless Steel Ties

Patented wave form spring maintains a high tension grip on non-resilient objects. Available in three cross sections.

#### Patented Nylon 11 Selectively Coated Ties

The strength of steel with the protection and safety of nylon. Heavy cross section only.



Part Number	Max. Bundle Diameter in. (mm)	Length in. (mm)	Material	Min. Loop* Tensile Strength lbs. (N)	Min. Bundle Diameter in. (mm)	Width in. (mm)	Thickness in. (mm)	Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>STANDARD CROSS SECTION GENERAL PURPOSE TIES</b>										
MLT1S-CP	1 (25)	5.0 (127)	304	200 (890)	0.5 (13)	0.18 (4.6)			100	500
MLT2S-CP	2 (51)	7.9 (201)								
MLT2.7S-CP	2.7 (69)	10.2 (259)								
MLT4S-CP	4 (102)	14.3 (362)								
MLT6S-CP	6 (152)	20.5 (521)								
MLT8S-CP	8 (203)	26.8 (679)								
<b>NEW! LIGHT HEAVY CROSS SECTION GENERAL PURPOSE TIES</b>										
MLT2LH-LP	2 (51)	7.9 (201)	304	250 (1112)	0.5 (13)	0.25 (6.4)	0.010 (0.25)	PPTMT GS4MT ST2MT or HTMT	50	250
MLT4LH-LP	4 (102)	14.3 (362)								
MLT6LH-LP	6 (152)	20.5 (521)								
MLT8LH-LP	8 (203)	26.8 (679)								
<b>HEAVY CROSS SECTION GENERAL PURPOSE TIES</b>										
MLT2H-LP	2 (51)	7.9 (201)	304	450 (2000)	0.5 (13)	0.31 (7.9)			50	250
MLT4H-LP	4 (102)	14.3 (362)								
MLT6H-LP	6 (152)	20.5 (521)								
MLT8H-LP	8 (203)	26.8 (679)								
<b>AISI 316 Stainless Steel for Superior Corrosion Resistance</b>										
<b>STANDARD CROSS SECTION GENERAL PURPOSE TIES</b>										
MLT1S-CP316	1 (25)	5.0 (127)	316	200 (890)	0.5 (13)	0.18 (4.6)			100	500
MLT2S-CP316	2 (51)	7.9 (201)								
MLT4S-CP316	4 (102)	14.3 (362)								
MLT6S-CP316	6 (152)	20.5 (521)								
MLT8S-CP316	8 (203)	26.8 (679)								
<b>NEW! LIGHT HEAVY CROSS SECTION GENERAL PURPOSE TIES</b>										
MLT2LH-LP316	2 (51)	7.9 (201)	316	250 (1112)	0.5 (13)	0.25 (6.4)	0.010 (0.25)	PPTMT GS4MT ST2MT or HTMT	50	250
MLT4LH-LP316	4 (102)	14.3 (362)								
MLT6LH-LP316	6 (152)	20.5 (521)								
MLT8LH-LP316	8 (203)	26.8 (679)								
<b>HEAVY CROSS SECTION GENERAL PURPOSE TIES</b>										
MLT2H-CP316	2 (51)	7.9 (201)	316	450 (2000)	0.5 (13)	0.31 (7.9)			50	250
MLT4H-CP316	4 (102)	14.3 (362)								
MLT6H-CP316	6 (152)	20.5 (521)								
MLT8H-CP316	8 (203)	26.8 (679)								
<b>WAVE-TY™ Stainless Steel Ties for Superior Grip on Rigid Bundles</b>										
<b>NEW! STANDARD CROSS SECTION</b>										
MLT2.7WS-LP	2.7 (69)	10.2 (259)	304	200 (890)	2 (51)	0.18 (4.6)			50	250
MLT4WS-LP	4 (102)	14.3 (362)								
MLT6WS-LP	6 (152)	20.5 (521)								
MLT8WS-LP	8 (203)	26.8 (679)								
<b>NEW! LIGHT HEAVY CROSS SECTION</b>										
MLT2.7WLH-LP	2.7 (69)	10.2 (259)	304	250 (1112)	2 (51)	0.25 (6.4)	0.010 (0.25)	PPTMT GS4MT ST2MT or HTMT	50	250
MLT4WLH-LP	4 (102)	14.3 (362)								
MLT6WLH-LP	6 (152)	20.5 (521)								
MLT8WLH-LP	8 (203)	26.8 (679)								
<b>HEAVY CROSS SECTION</b>										
MLT2.7WH-LP	2.7 (69)	10.2 (259)	304	450 (2000)	2 (51)	0.31 (7.9)			50	250
MLT4WH-LP	4 (102)	14.3 (362)								
MLT6WH-LP	6 (152)	20.5 (521)								
MLT8WH-LP	8 (203)	26.8 (679)								
<b>WAVE-TY™ Stainless Steel Ties for Superior Grip on Rigid Bundles - AISI 316 Stainless Steel</b>										
<b>NEW! STANDARD CROSS SECTION</b>										
MLT2.7WS-LP316	2.7 (69)	10.2 (259)	316	200 (890)	2 (51)	0.18 (4.6)			50	250
MLT4WS-LP316	4 (102)	14.3 (362)								
MLT6WS-LP316	6 (152)	20.5 (521)								
MLT8WS-LP316	8 (203)	26.8 (679)								
<b>NEW! LIGHT HEAVY CROSS SECTION</b>										
MLT2.7WLH-LP316	2.7 (69)	10.2 (259)	316	250 (1112)	2 (51)	0.25 (6.4)	0.010 (0.25)	PPTMT GS4MT ST2MT or HTMT	50	250
MLT4WLH-LP316	4 (102)	14.3 (362)								
MLT6WLH-LP316	6 (152)	20.5 (521)								
MLT8WLH-LP316	8 (203)	26.8 (679)								
<b>HEAVY CROSS SECTION</b>										
MLT2.7WH-LP316	2.7 (69)	10.2 (259)	316	450 (2000)	2 (51)	0.31 (7.9)			50	250
MLT4WH-LP316	4 (102)	14.3 (362)								
MLT6WH-LP316	6 (152)	20.5 (521)								
MLT8WH-LP316	8 (203)	26.8 (679)								
<b>Nylon 11 Selectively Coated AISI 316 Stainless Steel Cable Ties</b>										
MLTC2H-LP316	2 (51)	7.9 (201)	316	250 (1112)	0.5 (13)	0.31 (7.9)	0.010** (0.25)	PPTMT GS4MT ST2MT or HTMT	50	250
MLTC4H-LP316	4 (102)	14.3 (362)								
MLTC6H-LP316	6 (152)	20.5 (521)								
MLTC8H-LP316	8 (203)	26.8 (679)								

\* Per military specification MIL-B-23190  
 \*\* Base material less coating

For additional sizes and applicable approvals contact technical support at 866-405-6659 or email [tminfo@panduit.com](mailto:tminfo@panduit.com).

Order the number of ties required in multiples of package quantities.

# Optional Installation Tooling



- Complete line of manual and pneumatic installation tools speed installation
- Side-entry of cable ties into the tools means quick and easy installation
- Automatic tension and cut-off capabilities available on select models
- High reliability, low maintenance, long life

Tool	MLT Cross Section	MLT Usage per Year	Operation
GS4MT	Standard, Light Heavy, Heavy	Under 50,000	Hand; tool controlled tension and cut-off
PPTMT	Standard, Light Heavy, Heavy	Over 50,000	Pneumatic; tool controlled tension and cut-off
ST2MT	Standard, Light Heavy, Heavy	Under 10,000	Hand; manual controlled tension, twist cut-off
HTMT	Standard, Light Heavy, Heavy	Under 10,000	Hand; manual controlled tension, no cut-off