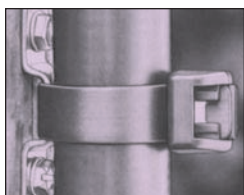
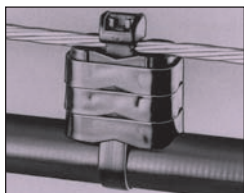


Ty-Rap® Cable Fastening Systems

DELTEC® Cable Support System

Strong, long-life and cost-saving method of securing communication cables.



The Deltec® Cable Support System

The Deltec® Cable Support System is a user-friendly product designed to provide ease and flexibility in fastening communications cables to messenger strand. It is equally well suited for copper conductor cable, coaxial cable, fiber optic cable and inner duct in aerial applications.

The Deltec® system answers your aerial cable needs with innovative design and state-of-the-art materials. This system includes weather-resistant acetal cable straps, marine grade locking devices, and base hanger accessories for specific applications where mounting is required.

Pre-assembled Deltec® cable straps are available in standard lengths of 10" (254 mm), 13.5" (342.9 mm), and 27" (685.8 mm). Convenient 50' (15.24 m) to 3500' (1066.8 m) reels where specific lengths need to be established by the installer in the field are available. Additional "standard" lengths can be established for applications where higher volumes prevail.

Advantages of the Deltec® System Include:

- Proven years of service
- No sharp edges — craft friendly! Cable friendly!
- Ease of installation — one wrap, no re-treading of re-strap
- Lowers installation costs
- High tensile strength after fastening
- Total flexibility in lengths when using reel
- Stackable spacers accommodate all cable sizes — no need to stock multiple sizes of individual height spacers
- Spacer designed to retain strap on each side and cradle the cable, providing restricted movement of spacer and preventing damage to cable
- In situations where multiple cables are supported, the T&B TCP360 stackable spacer may be rotated 90° and installed similarly to a single cable, yet provide the same restricting features (unlike those commonly used today)
- Month and year of manufacture stamped into strap material
- Squirrels and vermin won't eat it!



Extra security!

Cable Tie with Double-Locking Head

The recommended maximum continuous static loading for the DELTEC® straps is 20 lbs. per strap. For best results, suggested spacing is 15". It's the responsibility of the user to determine whether or not their application meets our recommendation.

NOTE: Use WT3D Tool for tensioning and cutoff.



Specifications

- Strap and Body: Weatherable acetal; offers superior resistance to sunlight, moisture, and salt environments
- Locking Device: Marine-grade corrosion-resistant silicon copper alloy
- Deltec System Temperature Range: -30° F to 150° F; (-34° C to 66° C)
- Minimum Tensile Strength: 250 lbs. minimum (1,211 N)
- Outdoor Life: Designed to last a minimum of 20 years
- Continuous Load: 20 lbs. (9.07 kg)
- Continuous Use Temperature: -85° F to 194° F; (-65° C to 90° C)
- Color: Black

STD. PKG. CAT. NO.	BODY WIDTH IN./MM.	MAX. WIRE LENGTH IN./MM.	BUNDLE DIA. IN./MM.	TENSILE STRENGTH LBS./N.	STD. PKG. QTY.
TYD10M	.5/12.70	10/254.00	3/76.20	250/1,112	25
TYD510M	.5/12.70	51.2/1300.48	16/406.40	250/1,112	50
TYD5135M	.5/12.70	13.5/342.90	3.5/88.90	250/1,112	25
TYD5270M	.5/12.70	27/685.80	8/203.20	250/1,112	10

Cable Ties—DELTEC® and Lashing Straps

One spacer for any cable size!

Modular Stackable Cable Spacers

- Stackable for any desired spacing
- Less inventory — one catalog number
- ½" high



STD PKG. CAT. NO.	DESCRIPTION	STD. PKG. QTY.
TCP5255	Modular Stackable Spacer for DELTEC® Straps	25
TCP360	For Coaxial Cable	100

- Made of weather-resistant polypropylene
- Color — Black

Heads for DELTEC® strap!

Locking Heads

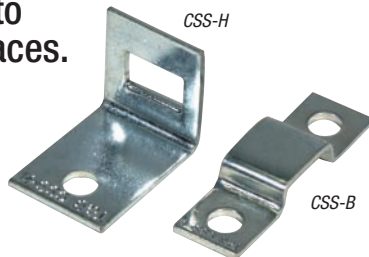


STD PKG. CAT. NO.	DESCRIPTION	STD. PKG. QTY.
TYD-LH	Heads only for DELTEC Strap	25
696-41795	Heads only for DELTEC Strap	1,000

- Made of weatherable acetal
- Color — Black

Secures cables to all types of surfaces.

DELTEC® Base and Hanger



STD PKG. CAT. NO.	DESCRIPTION	STD. PKG. QTY.
CSS-B	Base for Deltec® Strap	50
CSS-H	Hanger for Deltec® Strap	50

- Made of zinc-plated steel

Install ties easily!

Installation/Cutting Tool

STD PKG. CAT. NO.	DESCRIPTION	RANGE	WT. EACH	STD. PKG. QTY.
WT3D	Installs self-locking Ty-Rap® cable ties and Thomas & Betts lashing ties	.184 thru .500	8 oz.	1



Convenient and easy to use!

DELTEC® Strap Dispenser on Reels

STD PKG. CAT. NO.	DESCRIPTION	TENSILE STRENGTH LBS./IN.	BODY WIDTH IN./MM.	STD. PKG. QTY.
TYD-50R	50' Reel of Strap	250/1,112	.50/12.70	1
696-41794	1,000' Reel of Strap	250/1,112	.50/12.70	1
696-41952	3,500' Reel of Strap	250/1,112	.50/12.70	1



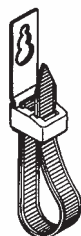
Ty-Rap® Cable Fastening Systems

Lashing Straps

Resistant to UV light, chemicals, and lower in moisture absorption.

Weather-Resistant Nylon 12 Messenger Hanger and Hanger Straps (Releasable)

Nylon 12 is a lower, moisture-absorbing material than 6.6 nylon — making the effect of water on properties much less.



Weather-Resistant, Nylon 12 Messenger Hanger Straps (releasable)



STD. PKG. CAT. NO.	BODY WIDTH IN./MM.	LENGTH IN./MM.	MAX. WIRE BUNDLE DIA. IN./MM.	HOOK MATERIAL	TENSILE STRENGTH LBS./N.	STD. PKG. QTY.
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Weather-Resistant Nylon 12 Messenger Hanger Straps (Releasable)

TYM5412X	.5/12.7	12/304.8	3/76.2	Bronze	200/889.6	50
TYM5418X	.5/12.7	18/457.2	5/127	Bronze	200/889.6	25
TYM5423X	.5/12.7	24/609.6	7/177.8	Bronze	200/889.6	25
TYM5430X	.5/12.7	30/762.0	9/228.6	Bronze	200/889.6	25
TYM5436X	.5/12.7	36/914.4	11/279	Bronze	200/889.6	25
TYM5412X-S	.5/12.7	12/304.8	3/76.2	Stainless Steel	200/889.6	50
TYM5418X-S	.5/12.7	18/457.2	5/127	Stainless Steel	200/889.6	25
TYM5423X-S	.5/12.7	24/609.6	7/177.8	Stainless Steel	200/889.6	25
TYM5430X-S	.5/12.7	30/762.0	9/228.6	Stainless Steel	200/889.6	25
TYM5436X-S	.5/12.7	36/914.4	11/279	Stainless Steel	200/889.6	25

Weather-Resistant Nylon 12 Hanger Strap (Releasable)

TY54407X	.5/12.7	6.36/151.54	2/50.8	Steel	200/889.6	50
TY54413X	.5/12.7	13.75/349.25	4/101.6	Steel	200/889.6	25

The recommended, maximum continuous static loading for the nylon 12 straps is 25 lbs. per strap. For best results, suggested spacing is 15". It's the responsibility of the user to determine whether or not their application meets our recommendation. Hook will accommodate 1/8" dia. messenger wire.

• Color — Black

For use in temperatures ranging from -40° F to 176° F (-40° C to 80° C).

Retains original shape after compression.

Stud Buttons

- Part numbers contain recommended mounting hole diameters
- For use with Catamount strapping or panel thickness through .165" with mounting holes through #1/4
- Stocked in heat-stabilized Black Nylon for high heat applications
- UL Flammability 94 V-2



Carbon black prolongs the cable tie's life — UV protective, too!

Heavy-Duty Lashing Tie (Releasable)



Length: 19"

STD. PKG. CAT. NO.	BULK PKG. CAT. NO.	BODY WIDTH IN./MM.	LENGTH IN./MM.	MAX. WIRE BUNDLE DIA. IN./MM.	TENSILE STRENGTH LBS./N.	STD. PKG. QTY.	BULK PKG. QTY.
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TY5409	TY409	.5/12.7	19/482.6	4.75/120.65	200/889.6	25	100
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Heavy-duty and made of weather-resistant nylon. For use in temperatures ranging from -40° F to 176° F (-40° C to 80° C).



An absolute in chemical environments when nylon isn't applicable.

Weather-Resistant Polypropylene Lashing and Hanger Lashing Tie (Releasable)

Chemical exposure directly affects the life of a cable tie making polypropylene ties an ideal choice. Black is usable for outdoor use, too.



STD. PKG. CAT. NO.	BODY WIDTH IN./MM.	LENGTH IN./MM.	MAX. WIRE BUNDLE DIA. IN./MM.	TENSILE STRENGTH LBS./N.	STD. PKG. QTY.
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Weather-Resistant Polypropylene Lashing Tie (Releasable)

TY5418PX	.5/12.7	18/457.2	5/127.0	150/667.2	25
TY5424PX	.5/12.7	24/609.6	7/177.8	150/667.2	25
TY5442PX	.5/12.7	42/1066.8	12/304.8	150/667.2	10
TY5460PX	.5/12.7	60/1524	18/457.2	150/667.2	10

Weather-Resistant Polypropylene Hanger Lashing Tie (Releasable)

TY53418PX	.5/12.7	18/457.2	5	25
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Made of black weather-resistant polypropylene for outdoor use.

For use in temperatures ranging from -40° F to 176° F (-40° C to 80° C).

Strapping Accessories Reference

STRAPPING NUMBER	STRAP-TITE BUCKLE	MOUNTING TAB	MOUNTING CRADLE	STUD BUTTONS	MACHINE SCREW
S2NY-096-0-C	—	M4NY-203-0-D	C4NY-203-0-D	BTNY-096-0-D	#2
S4NY-128-0-C	—	M4NY-203-0-D	C4NY-203-0-D	—	#5
S4NY-140-0-C	—	M4NY-203-0-D	C4NY-203-0-D	—	#6
S4NY-167-0-C	B4NY-167-0-D	M4NY-203-0-D	C4NY-203-0-D	BTNY-167-0-D	#8
S4NY-167X-0-C	B4NY-167-0-D	M4NY-203-0-D	C4NY-203-0-D	BTNY-167-0-D	#8
S6NY-000-0-C	—	M6NY-265-0-D	—	—	—
S6NY-167-0-C	—	M6NY-265-0-D	—	—	#8

STRAPPING NUMBER	STRAP-TITE BUCKLE	MOUNTING TAB	STUD BUTTONS	MACHINE SCREW
S6NY-203-0-C	B6NY-203-0-D	M6NY-265-0-D	BTNY-203-0-D	#10
S6NY-203X-0-C	B6NY-203-0-D	M6NY-265-0-D	BTNY-203-0-D	#10
S7NY-265-0-C	B7NY-265-0-D	M7NY-328-0-D	BTNY-265-0-D	#1/4
S7NY-265X-0-C	B7NY-265-0-D	M7NY-328-0-D	BTNY-265-0-D	#1/4
S7NY-281-0-C	—	M7NY-328-0-D	—	#1/4
S9NY-203-0-C	—	—	BTNY-203-0-D	#10
S9NY-265-0-C	—	—	BTNY-265-0-D	#1/4
S9NY-390-0-C	—	—	—	#3/8

Thomas & Betts

www.tnb.com

United States
Tel: 901.252.8000
800.816.7809
Fax: 901.252.1354

Canada
Tel: 450.347.5318
Fax: 450.347.1976

Technical Services
Tel: 888.862.3289