

## DELTEC™ Cable Support System

### Lashing Straps and Accessories

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

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 innerduct 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 in. (254 mm), 13.5 in. (342.9 mm), and 27 in. (685.8 mm). Convenient 50 ft. (15.24 m) to 3500 ft. (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 or 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!

#### 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: -34°C to 66°C (-30°F to 150°F)
- Minimum Tensile Strength: 250 lb. min. (1,211 N)
- Outdoor Life: Designed to last a min. of 20 years
- Continuous Load: 20 lb. (9.07 kg)
- Continuous Use Temperature: -65°C to 90°C (-85°F to 194°F)
- Colour: Black



#### Extra security!

The recommended maximum continuous static loading for the Deltec™ straps is 20 lb. per strap. For best results, suggested spacing is 15 in. 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.

Cat. No.	Body Width (in./mm)	Max. Wire Length (in./mm)	Bundle Dia. (in./mm)	Tensile Strength (lb./N)	Std. Pkg.
<b>Stainless Steel Strap Cable Ties</b>					
<b>CSS-100</b>	0.5/12.70	10/254.00	3/76.20	240/1,112	25
<b>CSS-160</b>		16/406.46	4/101.60		50
<b>CSS-135</b>		13.5/342.90	3.5/88.90		25
<b>CSS-270</b>		27/685.80	8/203.20		10



#### One spacer for any cable size

Cat. No.	Description	Std.Pkg.
<b>Modular Stackable Cable Spacers</b>		
<b>TCP5255</b>	Modular Stackable Spacer for Deltec™ Straps	25
<b>TCP360</b>	For Coaxial Cable	100

Made of weather-resistant polypropylene  
Colour — Black



#### Heads for Deltec™ strap

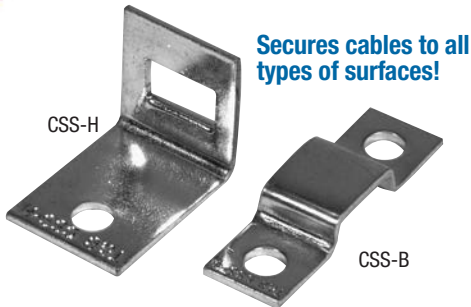
Cat. No.	Description	Std. Pkg.
<b>Locking Heads</b>		
<b>TYD-LH</b>	Heads only for Deltec™ Strap	25
<b>696-41795</b>		1,000

Made of weatherable acetal  
Colour — Black

- Stackable for any desired spacing
- Less inventory — one cat. No.
- 1/2 in. high

## DELTEC™ Cable Support System

### Lashing Straps and Accessories (cont'd)



Cat. No.	Description	Std. Pkg.
<b>Deltec™ Base and Hanger</b>		
<b>CSS-B</b>	Base for Deltec™ Strap	50
<b>CSS-H</b>	Hanger for Deltec™ Strap	

Made of zinc-plated steel



Cat. No.	Description	Std. Pkg.
<b>Installation/Cutting Tool</b>		
<b>WT3D</b>	Installs self-locking Ty-Rap® cable ties and Thomas & Betts lashing ties	25

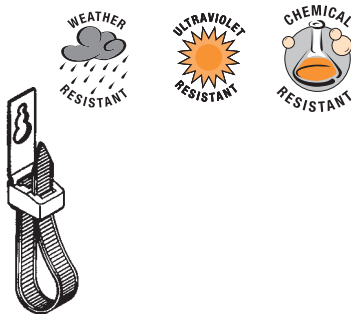
Cat. No.	Description	Tensile Strength (lb./N)	Body Width (in./mm)	Std. Pkg.
<b>Deltec™ Strap Dispenser on Reels</b>				
<b>TYD-50R</b>	50' Reel of Strap	250/1,112	0.50/12.70	1
<b>696-41794</b>	1,000' Reel of Strap			
<b>696-41952</b>	3,500' Reel of Strap			

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

Nylon 12 is a lower, moisture-absorbing material than nylon 6/6 — making the effect of water on properties much less.



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



Cat. No.	Body Width (in./mm)	Length (in./mm)	Max. Wire Bundle Dia. (in./mm)	Hook Material	Tensile Strength (lb./N)	Std. Pkg.		
<b>Weather-Resistant Nylon 12 Messenger Hanger Straps (Releasable)</b>								
<b>TYM5412X</b>	0.5/12.7	12/304.8	3/76.2	Bronze	200/889.6	50		
<b>TYM5418X</b>		18/457.2	5/127			25		
<b>TYM5423X</b>		24/609.6	7/177.8			25		
<b>TYM5430X</b>		30/762.0	9/228.6			25		
<b>TYM5436X</b>		36/914.4	11/279			25		
<b>TYM5412X-S</b>		12/304.8	3/76.2			Stainless Steel	50	
<b>TYM5418X-S</b>		18/457.2	5/127	25				
<b>TYM5423X-S</b>		24/609.6	7/177.8	25				
<b>TYM5430X-S</b>		30/762.0	9/228.6	25				
<b>TYM5436X-S</b>		36/914.4	11/279	25				
<b>Weather-Resistant Nylon 12 Hanger Strap (Releasable)</b>								
<b>TY54407X</b>		0.5/12.7	6.36/151.54	2/50.8		Steel	200/889.6	50
<b>TY54413X</b>	13.75/349.25		4/101.6	25				

The recommended, maximum continuous static loading for the nylon 12 straps is 25 lb. per strap. For best results, suggested spacing is 15 in. It's the responsibility of the user to determine whether or not their application meets our recommendation. Hook will accommodate 1/2 in. dia. messenger wire. For use in temperatures ranging from -40°C to 80°C (-40°F to 176°F). Colour — Black

## DELTEC™ Cable Support System

### Lashing Straps and Accessories (cont'd)

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



Std. Cat. No.	Bulk Cat. No.	Body Width (in./mm)	Length (in./mm)	Max. Wire Bundle Dia. (in./mm)	Tensile Strength (lb./N)	Std. Pkg	Bulk Pkg.
<b>Heavy-Duty Lashing Tie (Releasable)</b>							
<b>TY5409</b>	<b>TY409</b>	0.5/12.7	19/482.6	4.75/120.65	200/889.6	25	100

Heavy-duty and made of weather-resistant nylon. For use in temperatures ranging from -40°C to 80°C (-40°F to 176°F).

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

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

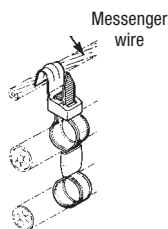


Cat. No.	Body Width (in./mm)	Length (in./mm)	Max. Wire Bundle Dia. (in./mm)	Tensile Strength (lb./N)	Std. Pkg.
<b>Weather-Resistant Polypropylene Lashing Tie (Releasable)</b>					
<b>TY5418PX</b>	0.5/12.7	18/457.2	5/127	150/667.2	25
<b>TY5424PX</b>		24/609.6	7/177.8		25
<b>TY5442PX</b>		42/1066.8	12/304.8		10
<b>TY5460PX</b>		60/1524	18/457.2		10
<b>Weather-Resistant Polypropylene Hanger Lashing Tie (Releasable)</b>					
<b>TY53418PX</b>	0.5/12.7	18/457.2	5/127	150/667.2	25

Made of black weather-resistant polypropylene for outdoor use. For use in temperatures ranging from -40°C to 80°C (-40°F to 176°F).



Spacer separating cable bundles



This one-inch long spacer allows you to separate power and signal cables with a single-hanger, lashing strap if desired. The spacer is stackable so that you may suspend the cable bundle at any desired distance from the messenger wire in order to keep the cable runs parallel.

Cat. No.	Description	Std. Pkg.
<b>Messenger Hanger Spacer</b>		
<b>TC5254</b>	1 in. long stackable spacer for messenger straps	50