

Diamond® Fastening Hardware

Cable Support System



Diamond-Tek® Cable Support System



Provides a Strong, Long Life and Cost Saving Method of Securing Communication Cables.

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

Diamond-Tek® cable straps are available in standard lengths of 10, 13.5, 16 and 27 inches, and in convenient 50 foot reels where specific lengths need to be established by the installer in the field. Additional "standard" lengths can be established for applications where higher volumes prevail.

Advantages of the Diamond-Tek® System Include:

- Proven years of service.
- No sharp edges - craft friendly! Cable friendly!
- Ease of installation - one wrap, no re-threading of re-strap.
- Lowers installation costs.
- High tensile strength after fastening.
- Total flexibility of strap 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 Diamond-Tek® DT-D-SP-100 stackable spacer may be rotated 90 degrees and installed similar to a single cable, yet provide the same restricting features (unlike those commonly used today).



Quick, Easy Installation:

1. Position spacers, as required, between strand and cable or between cables.
2. Hold head of Diamond-Tek® strap at top of strand; thread tail through spacer, around cable, up through other side of spacer and into other side of the head.
3. Pull until snug, or use tool DT-TOOL to pull strap up tight and cut tail flush with head.

Specifications

Strap and Body	Dupont Delrin®. Offers superior resistance to sunlight, moisture, and salt environments.
Locking Device	Heads contain two unique 301 stainless steel locking pawls that enhance the strength and grip on the strap.
Installation Range	-40°F to 185° F (-40°C to 85°C)
Mechanical Properties	350 lbs. tensile strength. Insertion force 5lbs. or less.
Outdoor Life	Designed to last a minimum of 30 years.
Continuous Load	20 lbs.



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Strap with Locking Head



Delrin Strap			
Part Number	Description	Inner Pack	Outer Pack
DT-D-10-50	Delrin Cable Strap with Head, 10.0" Long	50	50
DT-D-13-50	Delrin Cable Strap with Head, 13.5" Long	50	50
DT-D-16-50	Delrin Cable Strap with Head, 16.0" Long	50	50
DT-D-27-25	Delrin Cable Strap with Head, 27.0" Long	25	25

Nylon Strap - recommended for indoor use only.

Part Number	Description	Inner Pack	Outer Pack
DT-N-10-50	Nylon Cable Strap with Head, 10.0" Long	50	20
DT-N-12-50	Nylon Cable Strap with Head, 12.0" Long	50	20
DT-N-13-50	Nylon Cable Strap with Head, 13.5" Long	50	20
DT-N-15-50	Nylon Cable Strap with Head, 15.0" Long	50	20
DT-N-16-50	Nylon Cable Strap with Head, 16.0" Long	50	20
DT-N-18-50	Nylon Cable Strap with Head, 18.0" Long	50	20
DT-N-24-50	Nylon Cable Strap with Head, 24.0" Long	50	20
DT-N-27-25	Nylon Cable Strap with Head, 27.0" Long	25	20
DT-N-36-25	Nylon Cable Strap with Head, 36.0" Long	25	20
DT-N-48-25	Nylon Cable Strap with Head, 48.0" Long	25	12
DT-N-72-10	Nylon Cable Strap with Head, 72.0" Long	10	20

Strap in Reel and Box Containers



Delrin Strap			
Part Number	Description	Inner Pack	Outer Pack
DT-D-RL-50	Reel - Cable Strap - Delrin - Clamshell Case - 50'	1	10
DT-D-BX-50	Box - Cable Strap - Delrin - 50'	1	10
DT-D-BX-100	Box - Cable Strap - Delrin - 100'	1	10

Nylon Strap - recommended for indoor use only.

Part Number	Description	Inner Pack	Outer Pack
DT-N-RL-50	Reel - Cable Strap - Nylon - Clamshell Case - 50'	1	10
DT-N-BX-50	Box - Cable Strap - Nylon - 50'	1	10
DT-N-BX-100	Box - Cable Strap - Nylon - 100'	1	10
DT-N-BX-200	Box - Cable Strap - Nylon - 200'	1	10

Kits



Delrin Strap			
Part Number	Description	Inner Pack	Outer Pack
DT-D-KIT	(1) 50' Reel of Strap - Delrin, 25 Locking Heads	--	1
DT-D-PK-5	(5) 50' Reels of Strap - Delrin, 150 Locking Heads	5	10
DT-D-PK-10	(10) 50' Reels of Strap - Delrin, 300 Locking Heads	10	10

Nylon Strap - recommended for indoor use only.

Part Number	Description	Inner Pack	Outer Pack
DT-N-KIT	(1) 100' Box of Strap - Nylon, 25 Locking Heads	--	1