



PANDUIT™

Solutions for Agricultural Machinery

Expert Solutions to Create Improved
Designs and Lower Total Installed Cost



Panduit is your wire management solutions partner for the agricultural applications

Panduit provides expertise, services and products for:

- Optimized wire management design
- New product development
- Problem solving and process improvement

Draw on our expertise to help you reduce wire management costs and hassle!



Expertise to engineer profitability

Engineers face cable management decisions impacting the performance, quality and migration plans of their vehicle platforms. Panduit is equipped to help. Let our expertise and robust heavy duty cable management products help you lower total installed costs.



Consultative Engineering

For the many design decisions and application issues encountered, help is needed to identify the cable management products best suited for each application. Panduit provides consultative engineering assistance and best practice sharing to engineers working on Truck, Bus and Heavy Equipment applications.



Innovative New Products

Panduit has expanded our offering of robust heavy duty cable management products to cover even more applications for OEM Truck, Bus and Heavy Equipment manufacturers. Always innovating, Panduit continues to design and launch new products for these demanding applications.



Tooling Support

In addition to a broad range of application specific heavy duty cable management products, Panduit also offers installation tooling and tooling services to meet the highest OEM specifications

Agricultural Machinery Cable Management Solutions

Whether you design systems for agricultural machinery or heavy-duty construction equipment, your electrical connections are continuously subjected to extreme conditions and harsh environments. They can break down quickly - unless each and every component can withstand the rigors of your challenging operating environment. Panduit can help you avoid downtime, costly rework or even equipment recalls. We offer the widest range of products specifically designed for your toughest challenges, from severe temperatures and vibration to extreme mechanical stress.

Panduit Cable Ties

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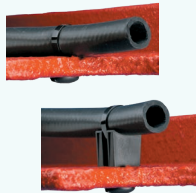
Hyper-V™ Installation ties

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Chassis Mount Ties and Spacers

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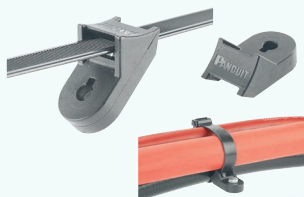
Stud Mounts

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Extra Heavy Tie Mounts

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Our R&D capabilities offer world-class products that are designed to meet or exceed industry standards. Look to Panduit engineered solutions to solve your manufacturing problems, application needs, and new product development to reveal new opportunities for operational efficiencies and cost-savings. Partner with Panduit and keep your systems operating dependably. We're wired for the way you work.



Swivel Mounts, Cable Spacer, Clamps

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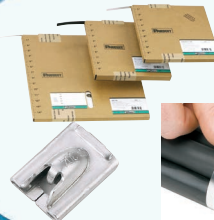
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Complete Your Bundle

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Heavy Duty Double Clamp Cable Ties

Double Clamp Cable Ties

The Double Clamp cable ties provide a cost effective way secure and separate parallel hoses, tubing, wires and wiring bundles in an easy to install one-piece design. The Double Clamp cable tie has a strong 150 lbs. loop tensile strength to

provide secure support for even high load applications. This new cable tie is ideal for heavy duty applications such as Truck and Heavy Equipment.



Part Number	Max. Bundle Dia.		Length		Width		Thickness		Min. Loop Tensile		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	lb.	N			
PLDC1.5EH-C350	1.3	33	13.1	332.7	0.5	12.73	0.057	1.5	150	667.2	GS4EH-E, PPTEH	100	500
PLDC2.5EH-C350	2.3	58.4	19.28	489	0.5	12.73	0.057	1.5	150	667.2	GS4EH-E, PPTEH	100	500

Double Loop Cable Ties

Applications

- Underhood hose and harness routing
- Areas where bundles must be secured parallel to each other or another element

Solution

Looking for a labor saving alternative to butterflyed cushioned clamps when securing hoses and wire bundles? Panduit's Multiple Loop Cable Ties are the perfect solution

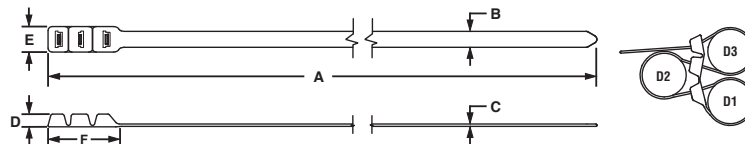
Features

- Offers multiple loop capability
- Prevents bundle damage with a strap body that spreads the clamping forces
- Provides high tensile strength to route bundles securely
- Installs easily by hand - uses Panduit tooling for repeatable tension and cutoff
- Reduces part number inventory with a single product to cover multiple bundle sizes



Part Number	Max. Combined Bundle Dia. D1 + D2		Length		Width		Thickness		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	in.	mm	in.	mm	in.	mm	in.	mm	Lbs.	N			
Light-Heavy Cross Section													
PLB4H-TL	3.60	91	14.7	373	0.300	7.6	0.075	1.9	120	534	GTH-E, GS4H-E, GS4EH-E, PTH, STH2, ST3EH	250	2500
Weather Resistant Nylon 6.6 - Light-Heavy Cross Section													
PLB4H-TL0	3.60	91	14.7	373	0.300	7.6	0.075	1.9	120	534	GTH-E, GS4H-E, GS4EH-E, PTH, STH2, ST3EH	250	2500

Triple Loop Cable Ties



Part Number	Max. Combined Bundle Dia. D1 + D2 + D3		Length		Width		Thickness		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	in.	mm	in.	mm	in.	mm	in.	mm	Lbs.	N			
Extra-Heavy Cross Section													
PL3B5EH-C0	5.00	127	20.0	508	0.500	12.7	0.075	1.9	125	556	GS4EH-E, ST3EH	100	1000



Heavy Duty Wide Strap Cable Ties

Wide Strap Extra Heavy Cable Ties

The Wide Strap Extra Heavy cable ties provide an easy to install way to secure hoses, tubing, wires and wiring bundles. These cable ties feature a wide, thin body that is more flexible and easier to install than the typical Heavy and Extra-Heavy Cross section ties. The Wide Strap Extra Heavy cable tie has a strong 120 lbs. loop tensile strength to provide secure support for even high load applications. This new cable tie is ideal for heavy duty applications such as Truck and Heavy Equipment.



Key Features and Benefits

Flexible Strap Body: Flexible cable tie body provides easier insertion and installation than other heavy and extra heavy cross section cable ties.

Minimizing Pinching: The wide .5" design of the cable tie body minimizes pinching on hoses and tubing compared with typical cable ties.

Versatile Material: New Nylon 6/6 material is Heat stabilized (115° C), UV weather resistant and impact modified.

Part Number	Max. Bundle Dia.		Length		Width		Thickness		Min. Loop Tensile		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
PLWS2EH-TL350	2.25	57.15	9.1	231.10	0.5	12.7	0.055	1.4	120	533.8	GS4EH-E PPTEH	250	2,500
PLWS3EH-TL350	3.25	82.55	12.1	307.34	0.5	12.7			120	533.8	GS4EH-E PPTEH	250	2,500
PLWS4EH-TL350	4.125	104.775	15.1	383.54	0.5	12.7			120	533.8	GS4EH-E PPTEH	250	2,500

Panduit Cable Tie PLT4H - Flexible Heavy Cross Section

Provides excellent tensile strength that is expected with a Heavy Cross Section design. These cable ties install quickly and more easily than the typical Heavy Cross section ties. This innovative design allows no-slip gripping of the tip along with the ability to cinch with one hand. Installation with Panduit GTH-E or GS4H-E cable tie hand tools provides faster installation, exact bundle tension and smooth tie cut off. This flexible heavy cross section is ideal for heavy duty applications such as Truck, Bus, and Heavy Equipment.



Key Features and Benefits

Flexible Strap Body: Allows installation of the cable with one hand.

Improved Tip Design: No-slip gripping of tail on initial insertion.

Flexible Locking Design: Provides a low thread force for quick and easy installation to improve productivity and worker safety.

Lower Tool Tension Settings Required: Easier, faster installation with lower installer effort to install ties to proper tension settings.

Material Options: Available in both weather resistant (-0) and heat stabilized (-30) materials for application versatility.

Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Material	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
PLT4H-TL0/147	14.5	368	0.300	7.6	0.060	1.5	4.11	104.5	120	534	Weather resistant nylon 6.6	250	2500
PLT4H-TL30/147	14.5	368	0.060	7.6	0.060	1.5	4.11	104.5	120	534	Heat stabilized nylon 6.6	250	2500



Panduit Cable Ties

- Available in colors: Replace 0 with brown 1, red 2, orange 3, yellow 4, green 5, blue 6, purple 7, gray 8, white 10
- Most of these ties are available in different materials to meet the constraints of the application:

- Heat-stabilized black Nylon 6.6 (-30), Heat-stabilized natural Nylon 6.6 (-39)
- Weather-resistant heat-stabilized black Nylon 6.6 (-300),
- Flame-retardant black Nylon 6.6 (-69), Nylon 12 (-120),
- Natural polypropylene (-109), Weather-resistant polypropylene (-100), Tetzal (-76)

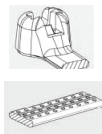


Natural Nylon 6.6		Weather-resistant black Nylon				
Part Number	Reference Number	Width (mm)	Length (mm)	Max. Bundle Diameter (mm)	Breaking Strength (Lbs)	Std. Pkg. Qty.
PLT1 M-C	PLT1 M-C0	2.5	99	22	80	100
PLT1.5M-C	PLT1.5M-C0		142	32	80	100
PLT2M-C	PLT2M-C0		203	51	80	100
PLT1.5I-C	PLT1.5I-C0	3.6	142	35	178	100
PLT2I-C	PLT2I-C0		203	51	178	100
PLT3I-C	PLT3I-C0		290	76	178	100
PLT4I-C	PLT4I-C0	4.8	371	102	178	100
PLT2S-C	PLT2S-C0		188	48	222	100
PLT3S-C	PLT3S-C0		292	76	222	100
PLT4S-C	PLT4S-C0	7.6	368	102	222	100
PLT2H-L	PLT2H-L0		206	51	534	50
PLT3H-L	PLT3H-L0		290	76	534	50
PLT4H-C	PLT4H-C0		368	102	534	100

BARB-TY™ Barbless Cable Ties

Tie without internal notches and with rounded edges to avoid damaging cables - Vibration-resistant

- Upwards packaged head to for an easier grip (packed in boxes)
- Available in colors, contact us



Natural Nylon 6.6		Weather-resistant black Nylon				
Part Number	Reference Number	Width (mm)	Length (mm)	Max. Bundle Diameter (mm)	Breaking Strength (Lbs)	Std. Pkg. Qty.
BT1M-C	BT1M-C0	2.4	102	23	80	100
BT1M-MP					80	1000
BT1.5I-C	BT1.5I-C0	3.6	155	38	178	100
BT1.5I-MP					178	1000
BT2S-C	BT2S-C0	4.7	203	51	222	100
BT2S-MP					222	1000
BT2L H-L	BT2LH-C0	7.0	221	51	534	50
BT3LH-L	BT3LH-C0		300	76	534	50
BT4LH-L	BT4LH-C0		378	102	534	50

Hyper-V™ Installation Ties



Notches close together



Low congestion

- + Faster:** Can be hand-tightened for a quicker installation
- + Stronger:** Breaking strength: 710 N The material does not lose its shape: tie performance does not change after installation
- + Easier:** Robust and easy-to-reopen central intermediate position
End shaped into a hook for much easier installation

- Made of black reinforced Nylon 6.6, resistant to UV, low temperatures and chemical products
- Halogen-free
- Temperature Range: -60°C to 185°C, continuous (over 1,000 hours at 100°C)
- Meets EN 50146
- Flammability: meets UL94-HB
- Meets the incandescent wire test 650/2 (as per EN 60995-2-10 / 12)

HYPER-V™ Industrial Installation Ties Part Number	Dimensions L x W (mm)	Max. Bundle Diameter		Breaking Strength (N)	Std. Pkg. Qty.
		(mm)	(mm)		
HV940-CP0	173 X 9	8	40	552	100
HV940-C0					100
HV965-CP0	265 x 9	10	65	710	100
HV965-C0					100
HV9100-CP0	367 X 9	10	100	710	100
HV9100-C0					100
HV9150-CP0	525 x 9	10	150	710	100
HV9150-C0					100
HV9250-CP0	841 X 9	10	250	710	100
HV9250-C0					100



Hyper-V™ Accessories



HVMPM-08-C0

- Black Nylon 6.6 Masonary push mount modified with reinforced fins to the top:
 - Better impact resistance, particularly at low temperatures
 - Better weight resistance
 - End can be eut
- Tie holding tab: save time fitting the assembly with one hand only
- Embase à visser de bas profil et structure renforcée gour un maintien du faisceau et une très grande



HVTM-06-C0

HYPER-V™ Industrial Installation Ties Part Number	Description	Std. Pkg. Qty.
HVMPM-08-C0	Masonry Push Mount 0 8mm.	100
HVTM-06-C0	Screw applied mount (M6 screw or rivet).	100



STHV

Fitting tools Part Number	Description
STHV	Final tightening and cutting tool (padded handle).
GTH-E	Tool with tension contrai: cuts automatically as soon as the preset tension is reached (no edge).



GTH-E



Chassis Mount Ties and Spacer

Applications

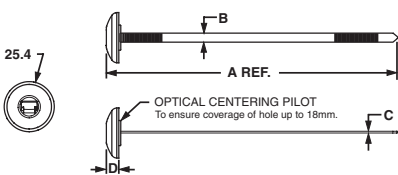
- Run cable and hose along the frame rails
- Secure a bundle under a chassis assembly
- Manage wire harnesses in the cab and sleeper
- Use a through-hole in frame/chassis to mount

Solution

Panduit Sta-Strap™ Classic Mount Ties are uniquely designed to secure a bundle directly to a chassis or panel utilizing a through hole

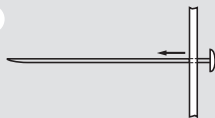
Features

- Eliminates the need for separate fasteners to reduce costs and decrease installation time
- Remains adjustable and releasable until tie is tensioned and cut-off
- Installs easily with Panduit hand-operated tools.
- Engages clearance hole with optional centering pilot (2 designs) to prevent tie from shifting or abrading during vehicle operation



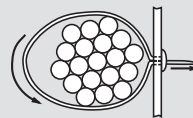
Three Easy Steps

1



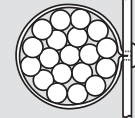
Insert tip end of Sta-Strap™ cable tie through the correct size pre-drilled hole in the panel or chassis.

2



Wrap cable tie around the bundle and insert the tip end back through the hole and head of the cable tie.

3



Pull tip and until Sta-Strap™ cable tie is snug on bundle. Tension and cut off excess portion with Panduit cable tie installation tool.

Part Number	Length		Width		Thickness		Hole Diameter Range		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Without Centering Pilot															
SSPM2.5H-L300	10.1	257	0.300	7.6	0.062	1.6	0.316 – 0.820	8.0 – 21.0	2.76	70	120	534	GTH-E, GS4H-E, GS4EH-E, PTH, STH2, ST3EH	50	2500
SSPM4H-L300	14.8	376	0.300	7.6	0.062	1.6	0.316 – 0.820	8.0 – 21.0	4.00	102	120	534	GTH-E, GS4H-E, GS4EH-E, PTH, STH2, ST3EH	50	2500
With Centering Pilot															
SSPM2.5HP-L300	10.1	257	0.300	7.6	0.062	1.6	0.440 – 0.820	11.2 – 21.0	2.76	70	120	534	GTH-E, GS4H-E, GS4EH-E, PTH, STH2, ST3EH	50	2500
SSPM4HP-L300	14.8	376	0.300	7.6	0.062	1.6	0.440 – 0.820	11.2 – 21.0	4.00	102	120	534	GTH-E, GS4H-E, GS4EH-E, PTH, STH2, ST3EH	50	2500
With Long Centering Pilot															
SSPM4HLP-TL300	14.8	376	0.300	7.6	0.062	1.6	0.440 – 0.820	11.2 – 21.0	4.00	102	120	534	GTH-E, GS4H-E, GS4EH-E, PTH, STH2, ST3EH	250	2500

Applications

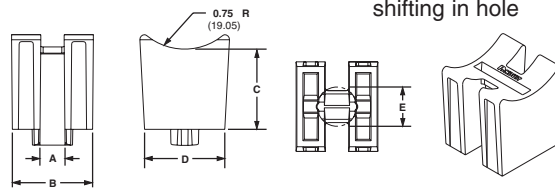
- Maintain a standoff from the frame rail in Chassis Tie applications

Solution

Panduit Spacer Mounts are used along with Panduit Chassis Mount Ties in applications where bundles must be secured away from the frame to avoid abrasion.

Features

- Uses clearance hole in frame
- Provides a standoff of 1" (25mm)
- Reduces cable and hose abrasion during vehicle operation
- Provides a secure mounting surface with curved bundle cradle
- Installs easily after cable tie has been threaded through hole and around bundle
- Includes centering pilot to prevent assembly from abrading or shifting in hole



Part Number (mm)	Cable Tie Channel (A) in. (mm)	Width (B) in. (mm)	Standoff Height (C) in. (mm)	Base Depth (D) in. (mm)	Recommended Panel Hole Diam. (E) in. (mm)	Std. Pkg. Qty.	Std. Ctn. Qty.
TMSH50-T300	0.310 (7.875)	1.00 (25.4)	1.00 (25.4)	1.00 (25.4)	.50 (12.7)	100	1000



Stud Mounts for Extra-Heavy Cross Section Cable Ties

Applications

- Run cable and hose along the frame rails
- Secure a bundle under a chassis assembly
- Manage wire harnesses in the cab, sleeper and trailer
- Use exposed threads from fasteners already in the vehicle
- Maintain a standoff from the frame to avoid bundle abrasion

Solution

Panduit Cable Tie Stud Mounts are designed to utilize threaded fasteners already present in the vehicle. These easy-to-use wiring accessories can be easily applied with light threading them onto the fastener, or by using Panduit's specialized application tool. Use these mounts with a variety of Panduit cable ties.

Features

- Installs onto fasteners such as bolts, Huck® fasteners and welded studs
- Fits a wide variety of common stud sizes and cable ties

- Offers multiple position configurations for flexibility in application
- Installs faster than metal clamps with threaded fasteners
- Stands up to tough application environments with a weather-resistant nylon 6.6 material
- Provides a standoff from the frame rail to help prevent bundle abrasion during vehicle operation
- Stands up under vibration
- Secures bundle with Panduit cable ties – up to 4 discrete bundles per mount
- Remains in vehicle during service or repair – reattach bundle with new cable ties
- Twist-on stud mount design has a stopping feature that insures the part reaches a fixed stopping point on the bolt and does not allow the stud to protrude into the area where the bundle would mount.
- Manage three bundles with one mount that is either bolted to a surface or installed on a threaded stud.



Part Number	Used with Cable Ties*	Material	Color	Environment	Mounting Method	Std Pkg. Qty	Std Ctn. Qty
TMSTEHS5-D350	M, I, S, HS, LH, H, EH, WS	Impact modified heat stabilized weather resistant nylon 6.6	Black	Outdoors or Indoors	Twist-On - 5mm stud dia.	500	-
TMSTEHS6-D350					Twist-On - 1/4" stud dia. (6mm)		
TMSTEHS8-D350					Twist-On - 5/16" stud dia. (8mm)		
TMSTEHS10-D350					Twist-On - 3/8" stud dia. (10mm)		
TMSTEHS11-D350					Twist-On - 7/16" stud dia. (11mm)		
TMSTEHS12-D350					Twist-On - 12mm stud dia.		
TMSTEHS13-D350					Twist-On - 1/2" stud dia. (13mm)		
TMSTEHS16-D350					Twist-On - 5/8" stud dia. (16mm)		
TMSTEHS19-D350					Twist-On - 3/4" stud dia. (19mm)		
TMSTEH-TOOL-V					Tool used to install Twist-On Stud Mounts with user supplied drill.		

*Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra Heavy WS = Wide Strap. *TMST-TOOL is used with the "Twist-On Stud Mounts" only

Bolt-On Stud Mounts for Extra-Heavy cross Section Cable Ties

Features

- Manage three bundles with one mount that is either bolted to a surface or installed on a threaded stud
- Bolt on design style product has suitable mechanical strength to resist 120 in-lbs of torque that is applied on the bolt

- Bolt on design allows the bolt to extend beyond the height of the part



Part Number	Used with Cable Ties*	Material	Color	Environment	Mounting Method	Std Pkg. Qty	Std Ctn. Qty
TMSTEHS6B-D350	M, I, S, HS, LH, H, EH, WS	Impact modified heat stabilized weather resistant nylon 6.6	Black	Outdoors or Indoors	Bolt-On 1/4" stud dia. (6mm)	500	-
TMSTEHS8B-D350					Bolt-On - 5/16" stud dia. (8mm)		



Stud Mounts

Applications

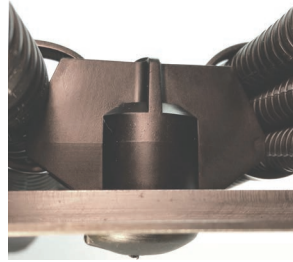
- Run cable and hose along the frame rails
- Secure a bundle under a chassis assembly
- Manage wire harnesses in the cab, sleeper and trailer
- Use exposed threads from fasteners already in the vehicle
- Maintain a standoff from the frame to avoid bundle abrasion

Solution

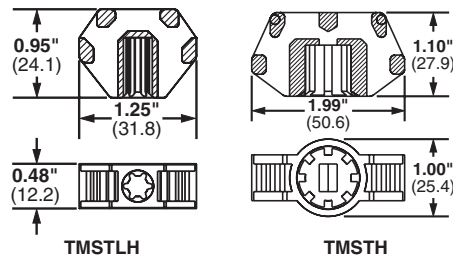
Panduit Cable Tie Stud Mounts are designed to utilize threaded fasteners already present in the vehicle. These easy-to-use wiring accessories can be easily applied with a light hammer blow, y threading them onto the fastener, or by using Panduit's specialized application tool. Use these mounts with a variety of Panduit cable ties.

Features

- Installs onto fasteners such as bolts, Huck® fasteners and welded studs
- Fits a wide variety of common stud sizes and cable ties
- Offers multiple position configurations for flexibility in application
- Installs faster than metal clamps with threaded fasteners
- Stands up to tough application environments with a weather-resistant nylon 6.6 material
- Provides a standoff from the frame rail to help prevent bundle abrasion during vehicle operation
- Stands up under vibration
- Secures bundle with Panduit cable ties – up to 4 discrete bundles per mount
- Remains in vehicle during service or repair – reattach bundle with new cable ties



Fasten Stud Mounts to the frame using Panduit chassis ties

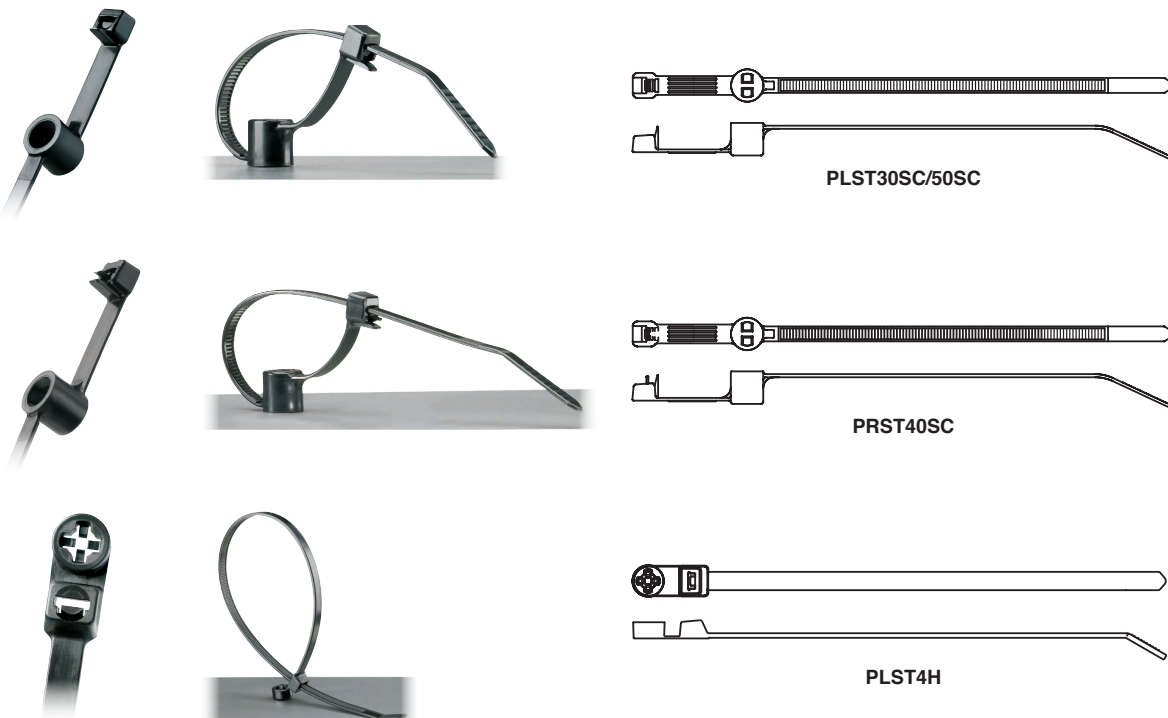


Part Number	Used with Cable Ties*	Color	Environment	Mounting Method	Std Pkg. Qty	Std Ctn. Qty
TMSTLHS6-M0	M, I, S, HS, LH	Black	Outdoors	1/4" stud dia. (6mm)	1000	5000
TMSTLHS8-M0	M, I, S, HS, LH			5/16" stud dia. (8mm)	1000	5000
TMSTHS10-D0	M, I, S, HS, LH, H			3/8" stud dia. (10mm)	500	—
TMSTHS11-D0	M, I, S, HS, LH, H			7/16" stud dia. (11mm)	500	—
TMSTHS12-D0	M, I, S, HS, LH, H			12mm stud dia.	500	—
TMSTHS13-D0	M, I, S, HS, LH, H			1/2" stud dia. (13mm)	500	—
TMSTHS16-D0	M, I, S, HS, LH, H			5/8" stud dia. (16mm)	500	—
TMSTHS19-D0	M, I, S, HS, LH, H			3/4" stud dia. (19mm)	500	—

*Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy

Stud Mounted Cable Ties – Heat Stabilized and Heat Stabilized Weather Resistant Nylon 6.6

- Heat stabilized material for high temperature applications up to 239°F (115°C) – indoor use
- Heat stabilized weather resistant material has greater resistance to damage caused by ultraviolet light and for high temperature applications up to 293°F (115°C) – indoor or outdoor use
- Integral mount pushes onto a threaded stud and tie wraps around bundle
- Mid-mount style (PLST_SC) centers the wire bundle over the stud
- Tie can be removed from the stud by turning counterclockwise
- Releasable style available (PRST)
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Length		Width		Thickness		Recommended Stud Size		Max. Bundle Diameter		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Heat Stabilized Nylon 6.6															
Standard Cross Section															
PLST30SC-D30	5.7	146	0.190	4.8	0.050	1.3	10-24	5.0	1.18	30	50	222	GTS-E, GS2B-E, GTH-E, GS4H-E, PTS, PTH, PPTS, STS2, STH2	500	5000
PLST50SC-D30	8.1	207	0.190	4.8	0.050	1.3	10-24	5.0	1.97	50					
PRST40SC-D30	6.9	176	0.190	4.8	0.050	1.3	10-24	5.0	1.57	40					
Heat Stabilized Weather Resistant Nylon 6.6															
Light-Heavy Cross Section															
PLST4HS25-TL300	15.3	389	0.300	7.6	0.075	1.9	1/4-20	6.4	4.00	102	120	534	GTH-E, GS4H-E, GS4EH-E, PTH, STH2, ST3EH	250	2500

Note: UL Recognized and CSA Certified except PLST4H.



Extra Heavy Tie Mounts

Panduit offers many accessories for mounting the Wide Strap Extra Heavy cable ties, including: extra-heavy screw applied cable tie mounts (TMEH2). In addition to these accessories, the Wide Strap Extra Heavy cable ties are also available pre-assembled: Extra Heavy Mounts.

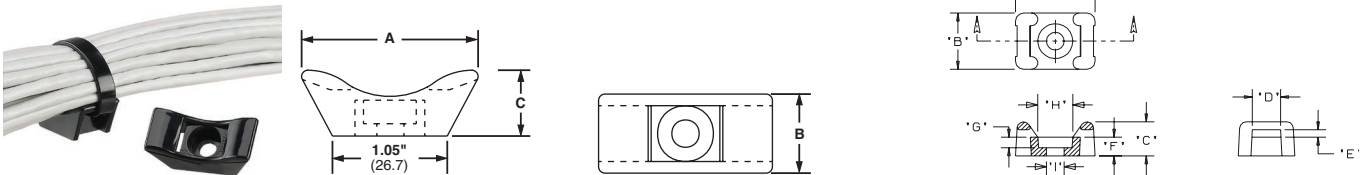


Part Number	Used with Cable Ties†	Material	Color	Environment	Mounting Method	Std Pkg. Qty	Std Ctn. Qty
TMEH2S5-D350	M, I, S, HS, LH, H, EH	Impact modified heat stabilized weather resistant nylon 6.6	Black	Outdoors or Indoors	#10 (M5) Scw	500	2,000
TMEH2S6-D350					1/4 (M6) Screw	500	2,000
TMEH2S8-D350					5/16 (M8) Screw	500	2,000
TMEH2S5-3E-C350	PLWS3EH-TL350 Wide Strap Cable Tie pre-installed				#10 (M5) Scw	100	1,000
TMEH2S6-3E-C350					1/4 (M6) Screw	100	1,000
TMEH2S8-3E-C350					5/16 (M8) Screw	100	1,000

Screw Applied Tie Mounts

• Unique cradle design provides maximum stability for cable bundle

• Route and support large diameter and heavy cable bundles.



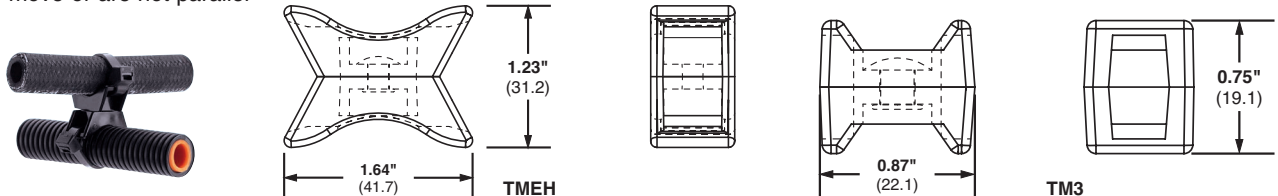
Part Number	Used with Cable Ties†	Material	Color	Environment	Mounting Method	Std Pkg. Qty	Std Ctn. Qty
TMEH-S8-Q0	M, I, S, HS, LH, H, EH	Weather Resistant Nylon 6.6	Black	Outdoor	#8 (M4) Screw	25	250
TMEH-S10-Q0					#10 (M5) Screw	25	250
TMEH-S25-Q0					1/4 (M6) Screw	25	250
TMEH-S10-C100		Weather Resistant Polypropylene	Green	Indoor	#10 (M5) Screw	100	500
TMEH-S10-C109		Polypropylene			#10 (M5) Scw	100	500
TM3S8-C	M, I, S, LH	Weather Resistant Nylon 6.6	Natural	Indoor	#8 (M4) Screw	100	500
TM3S10-C	M				#10 (M5) Screw	100	500
TM1S6-M0					#6 (M3) Screw	1000	5000
TM2R6-M0	M, I, S	3/16 Rivet					
TM2S6-M0		#6 (M3) Screw					
TM2S8-M0	M, I, S, LH			Outdoor	#8 (M4) Screw		
TM3R6-M0					3/16 Rivet		
TM3S10-M0					#10 (M5) Screw		
TM3S25-M0					1/4 (M6) Screw		

†Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy

Swivel Mounts

- The two mounts are securely fastened together with a connecting rivet that allows both mounts to rotate
- Can join bundles of cable, tubing, or hoses that may need to move or are not parallel

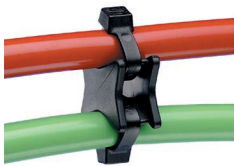
- Separates bundles to avoid abrasion
- Material: Weather Resistant Nylon 6.6



Part Number	Used with Cable Ties†	Pull Apart Force		Color	Environment	Std. Pkg. Qty.	Std. Ctn. Qty.
		Lbs.	g				
TM3-X2-C0Y	M, I, S, HS, LH	120	54,431	Black	Indoors/Outdoors	100	1000
TMEH-X2-L0Y	M, I, S, HS, LH, H, EH	250	113,398				

Cable Spacer

Panduit® Cable Spacers are designed to accommodate hoses or cable bundles while maintaining separation. The spacers work with Panduit® Cable Ties up to heavy cross section.

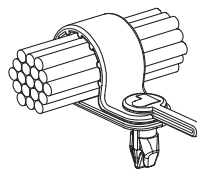
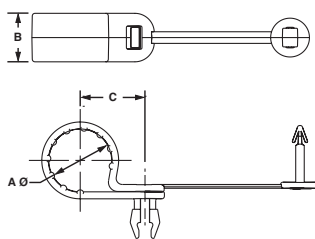


Part Number	Color	Dimensions				Environ.	Max. Continuous Use Temp.	CE Compliant	RoHS Compliant	Min. Order Qty.	
		Height mm	Length		Width						
			mm	In.	mm						In.
CSEH15A30-C0	Black	0.38	39.9	1.57	20	0.79	Indoor	-40°F (-40°C) – 185°F (85°C)	No	Yes	100

Pan-Clamp™ Heavy Duty Fixed Diameter Clamps

- One-piece design significantly reduces installation time
- Integrated ribs prevent rotation of cable bundles and ensures secure grip on hoses

- Material: Impact modified Weather Resistant Nylon 6.6



Part Number	Max. Bundle Diameter A		Width B		Bundle Offset C		Max. Panel Thickness		Panel Hole Diameter		Color	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm			
PC038-H25D-C0	0.38	9.5	0.62	15.7	0.64	16.3	0.13	3.2	0.28	7.1	Black	100	500
PC050-H25D-C0	0.50	12.7	0.62	15.7	0.71	17.9	0.13	3.2	0.28	7.1		100	500
PC062-H25D-C0	0.63	15.8	0.62	15.7	0.77	19.5	0.13	3.2	0.28	7.1		100	500
PC075-H25D-C0	0.75	19.1	0.62	15.7	0.83	21.1	0.13	3.2	0.28	7.1		100	1000
PC087-H25D-C0	0.88	22.1	0.62	15.7	0.89	22.7	0.13	3.2	0.28	7.1		100	1000
PC100-H25D-C0	1.00	25.4	0.62	15.7	0.96	24.3	0.13	3.2	0.28	7.1		100	1000
PC112-H25D-C0	1.13	28.5	0.62	15.7	1.02	25.8	0.13	3.2	0.28	7.1		100	1000
PC125-H25D-C0	1.25	31.8	0.62	15.7	1.08	27.4	0.13	3.2	0.28	7.1		100	1000



Fir Tree Push Mounts

- Unique alternating barb design
- Lock securely into position
- Umbrella tensioning

- Exclusive contoured anvil head
- Material: Heat Stabilized Nylon 6.6
- Heavy Duty Fir Tree Mount for use with Wide Strap Cable Ties



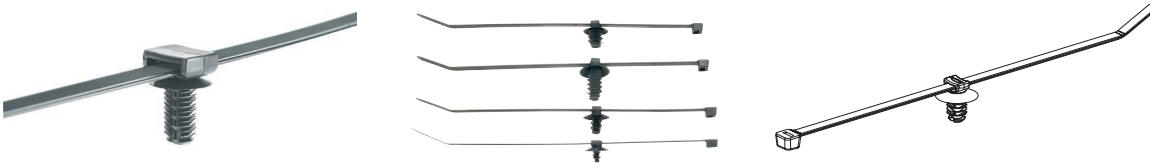
Part Number	Used with Cable Ties‡	Material	Head Diameter		Panel to Top of Mount		Overall Height		Panel Hole Diameter Range		Panel Thickness Range		Std. Pkg. Qty.	Std. Ctn. Qty.
			In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		
PUM-049-M30	M, I, S	Heat stabilized weather resistant Nylon 6.6	0.67	17.0	0.26	6.6	0.54	13.8	0.18 – 0.19	4.6 – 4.9	0.03 – 0.19	0.7 – 3.0	1000	5000
PUM-071-M30	M, I, S		0.67	17.0	0.26	6.5	0.67	16.9	0.25 – 0.28	6.3 – 7.1	0.03 – 0.28	0.8 – 7.0	1000	5000
PUM-100-M30	M, I, S		0.64	16.0	0.26	6.5	0.67	16.9	0.35 – 0.40	9.0 – 10.0	0.03 – 0.28	0.8 – 7.0	1000	5000
PUM-925-M30	M, I, S, LH		0.77	20.0	0.30	7.6	1.05	26.7	0.34 – 0.36	8.8 – 9.3	0.04 – 0.62	1.0 – 16.0	1000	5000
PUME925-D350 NEW!	M, I, S, LH, H, EH	Impact modified heat stabilized weather resistant nylon 6.6	1.00	25.4	0.317	8.0	1.15	29.2	0.34 – 0.36	8.8 – 9.3	0.04 – 0.62	1.0 – 16.0	500	5000

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, LH = Light-Heavy, H = Heavy, and EH = Extra Heavy.

Fir Tree Push Mount Assemblies

- Cable tie/mount assemblies significantly reduce installation time compared to loose parts
- Fewer parts throughout the manufacturing/assembly process

- Heat Stabilized Nylon 6.6 standard on cable ties and mounts
- Heavy Duty Fir Tree Mount assemblies with Wide Strap Cable Ties



Part Number	Material	Head Diameter		Panel to Top of Mount		Overall Height		Panel Hole Diameter Range		Panel Thickness Range		Max. Bundle Diameter		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		
PUM-049-2S-D30 ^	Heat stabilized weather resistant Nylon 6.6	0.67	17.0	0.26	6.6	0.54	13.8	0.18 – 0.19	4.6 – 4.9	0.03 – 0.19	0.7 – 3.0	1.88	48.0	500	5000
PUM-071-2S-D30 ^		0.67	17.0	0.26	6.6	0.67	16.9	0.25 – 0.28	6.3 – 7.1	0.03 – 0.28	0.8 – 7.0			500	5000
PUM-100-2S-D30 ^		0.64	16.0	0.26	6.6	0.67	16.9	0.35 – 0.40	9.0 – 10.0	0.03 – 0.28	0.8 – 7.0			500	5000
PUM-925-3H-T30 ^^		0.77	20.0	0.30	7.6	1.05	26.7	0.34 – 0.36	8.8 – 9.3	0.04 – 0.62	1.0 – 16.0	3.00	76.0	200	1000
PUME925-3E-C350* NEW!	Impact modified heat stabilized weather resistant nylon 6.6	1.18	30.0	0.275	7.0	1.10	28.0	0.34 – 0.36	8.8 – 9.3	0.04 – 0.62	1.0 – 16.0	3.25	82.6	100	1000
PUME925-4E-C350* NEW!												4.13	105	100	1000

^ Includes PLT2S Cable ties. ^^ Includes PLT3H Cable ties. * Includes Wide Strap PLWSXXX-TL350 Cable ties.

Ergonomic Metal Cable Tie Hand Tools

Cable Tie Tools – Tool Controlled Tension and Cut-Off

- Used in production, maintenance, or construction applications
- Tool controlled tension provides flush cut-off and speeds installation to lower installed cost
- Lightweight and balanced
- Easy to change tension adjustment and easy to operate
- A combination of design, operation, and construction features, provides a long service life
- Replacement blades available
- No special maintenance required

Key Features and Benefits

- Improved cable tie cut-off mechanism that minimizes the impact to the installer's hand by more than 40% – the lowest in the industry
- Low handle force required to cut-off the cable tie – 15% lower handle force than comparable tools



GTS-E



GS2B-E



GTH-E



GS4H-E



GS4EH-E

Pneumatic Hand Tools – Tool Controlled Tension and Cut-Off

- Pneumatic, push button operation tensions and cuts off excess tie in a fraction of a second
- Durable, lightweight, ergonomic design is easy to operate and designed to reduce operator fatigue
- Easy to change tension adjustment
- Operates on non-lubricated air, without special maintenance



PTS



PTH

Part Number	Used with Cable Ties	Weight		Part Features	Standards	Std. Pkg. Qty.
		Oz.	g			
GTS-E	SM, M, I, S	13.6	385.6	Trigger Handle: Black, Selector Knob: Black, Cushioned Handle: Black, Material: Aluminum	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387 Mil. Spec. Part Number MS90387-1	1
GS2B-E	M, I, S	11.5	327	Metal tool with a durable powder coat finish.		1
GTH-E	S, HS, LH, H	11.9	337	Ergonomic design with impact resistant resin housing, narrow nose, and cushion handle.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387 Mil. Spec. Part Number MS90387-2	1
GS4H-E	S, HS, LH, H	15.4	436.6	Trigger Handle: Red, Selector Knob: Red, Cushioned Handle: Red, Material: Aluminum		1
GS4EH-E	LH, H, EH	15.4	436.6	Trigger Handle: Blue, Selector Knob: Blue, Cushioned Handle: Blue, Material: Aluminum		1
PTS	SM, M, I, S	17.3	490	Ergonomic design with impact resistant resin housing and black knob; replacement parts can be part of a scheduled maintenance program		1
PTH	S, HS, LH, H	32.0	907	Ergonomic design with impact resistant resin housing and red knob; replacement parts can be part of a scheduled maintenance program		1

Cable tie cross section sizes: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy. Note: All pneumatic hand tools require the PPH10 hose and PL289N1 filter/regulator for proper operation.



Stainless Steel Tie - Bead locking

Speed:

VAutomatic bead locking

Safety:

Fully chamfered edges AISI No.1



NEW POWERFUL LOCKING HEAD:

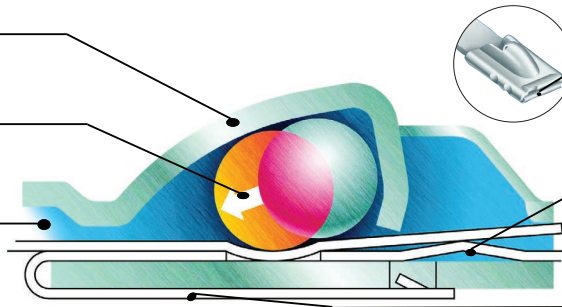
Allows faster locking of the bead for high precision locking of all bundles.

INNOVATIVE LOCKING BY SHIFTING:

Promotes binding between the bead and the tie: greater tightening force + locking notch

DESIGN AN EXCLUSIVE ADVANCE:

The entrance to the head is wider: easier and faster tie end insertion: reduces installation time



REINFORCED NOTCHES:

Built into the new locking head, they increase tightening force.

UNIQUE LOCKING RAMP:

Provides permanent contact between the tightening collar and the locking bead: ensures locking in all positions.

EXTENDED HOLDING TAB:

Adapts to the new head design for even more secure locking.

304 and 316 Stainless Steel Ties:

- Usable from -80°C to +538°C

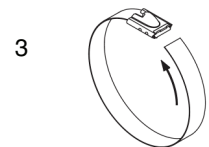
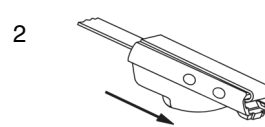
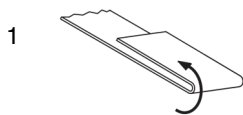
AISI 316 Reference	AISI 304 Reference	Width (mm)	Length (mm)	Cable Min. Diameter (mm)	Cable Max. Diameter (mm)	Breaking Strength (N)	Thickness (mm)	Std. Pkg. Qty.
MLT1S-CP316	MLT1S-CP	4.6	127	12.7	25	890	0.25	100
MLT2S-CP316	MLT2S-CP		201		51			
MLT4S-CP316	MLT4S-CP		362		102			
MLT6S-CP316	MLT6S-CP		521		152			
MLT8S-CP316	MLT8S-CP		679		203			
MLT2LH-LP316	MLT2LH-LP	6.4	201	12.7	51	1112	0.25	50
MLT4LH-LP316	MLT4LH-LP		362		102			
MLT6LH-LP316	MLT6LH-LP		521		152			
MLT8LH-LP316	MLT8LH-LP		679		203			
MLT2H-LP316	MLT2H-LP	7.9	201	12.7	51	2000	0.25	50
MLT4H-LP316	MLT4H-LP		362		102			
MLT6H-LP316	MLT6H-LP		521		152			
MLT8H-LP316	MLT8H-LP		679		203			
MLT10H-LP316	MLT10H-LP		838		254			
MLT2EH-LP316	MLT2EH-LP	12.7	300	25.4	51	2670	0.25	50
MLT4EH-LP316	MLT4EH-LP		434		102			
MLT6EH-LP316	MLT6EH-LP		594		152			
MLT8EH-LP316	MLT8EH-LP		754		203			
MLT4EH15-LP316	MLT4EH15-LP	12.7	434	25.4	102	3115	0.38	50
MLT6EH15-LP316	MLT6EH15-LP		594		152			
MLT8EH15-LP316	MLT8EH15-LP		754		203			
MLT4SH-LP316	MLT4SH-LP	15.9	434	25.4	102	4005	0.38	50
MLT6SH-LP316	MLT6SH-LP		594		152			
MLT8SH-LP316	MLT8SH-LP		754		203			
MLT10SH-LP316	MLT10SH-LP		912		254			



Banding Ties - Bead Locking



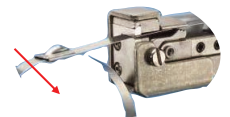
Part Number	Head Part Number	Width (mm)	Length (mm)	Cable Min. Diameter (mm)	Thickness (mm)	Breaking Strength (N)
304 Stainless Steel						
MBS-TLR	MTHS-C	4.4	12.7	445	76	0.25
MBS-MR	MTHS-C				305	0.25
MBH-TLR	MTHH-C	7.9	12.7	1112	76	0.25
MBH-MR	MTHH-C				305	0.25
MBEH-TLR	MTHEH-C	12.7	25.4	1335	76	0.25
MBSH-TR	MTHSH-C	15.9	25.4	2000	61	0.38
316 Stainless Steel						
MBS-TLR316	MTHS-C316	4.4	12.7	445	76	0.25
MBS-MR316	MTHS-C316				305	0.25
MBH-TLR316	MTHH-C316	7.9	12.7	1112	76	0.25
MBH-MR316	MTHH-C316				305	0.25
MBEH-TLR316	MTHEH-C316	12.7	25.4	1335	76	0.25
MBSH-TR316	MTHSH-C316	15.9	25.4	2000	61	0.38
Polyester-coated 316 Stainless Steel						
MBCH-QR316	MTHH-C316	7.9	12.7	1112	25	0.25
MBCEH-QR316	MTHEH-C316	12.7	25.4	1335	25	0.25
MBCSH-QR316	MTHSH-C316	15.9	25.4	2000	25	0.38



Tools

- Flush eut for greater safety
- Cable tie side entry for speed
- Attachment system for explosive environments

Speed: side entry of the bundle allows fast and easy installation



Part Number	Description
ST2MT	- Quarter-turn flush eut - Solid, lightweight and easy-to-use pliers - For MLT, MLTC, MTFC, MLTD ties from 4.6 to 12.7mm
GS4MT-E	- Adjustable eut with automatic tension contrai - For MLT, MLTC, MTFC, MLTD ties from 4.6 to 7.9mm
RT2HT	- Adjustable eut with automatic tension control - Uses rack gear for greater tension - For MLT, MLTC, MTFC, MLTD ties from 12.7 to 15.9mm
RT2HTN	- Same as RT2HT, with Snub Nose for confined spaces
PBTMT/E	- Battery-operated tool - Adjustable eut with automatic tension contrai - For MLT, MLTC, MTFC, MLTD ties from 4.6 to 15.9mm



Complete Your Bundle



Cable Ties

Panduit cable ties are designed to exceed industry standards for use in high-vibration areas. Available in a wide range of materials, styles and sizes to meet your internal and external temperature applications.

- External tooth design on select styles for improved abrasion-resistance to wires, cables and hoses
- Metal barb styles for added tensile strength and increased bundle diameter variations
- Push mount and fir tree barb style ties for specialty applications
- Unique designs, such as wide strap and dual-clamp ties, improve reliability and productivity



Cable Accessories

Mounts and other devices help secure wire, cable and hose bundles – making installation more efficient and cost effective.

- Installation styles, such as push barb, stud mount and bolt/screw, help tailor cable routing and management
- Adhesive options for mounting to surfaces in interior and exterior applications
- Most styles are available in a variety of materials for high temperature, UV resistant and general purpose applications



Stainless Steel Cable Ties

Stainless-steel cable ties can bundle, fasten and secure cables and hoses that are exposed to corrosive or harsh conditions. Ties are built to last, helping reduce periodic rework.

- Self-locking cable ties enable faster installation
- Fully coated ties help prevent corrosion between dissimilar metals
- Smooth surfaces and rounded edges protect the cable bundle and the installer for improved safety, productivity and reliability

Cable Identification



Complete labeling systems – including time-saving labeling software, easy to use printers, high-end metal marker plates and heat shrink labels – help minimize installation time and ensure high-quality wire and cabling identification in demanding environments.

- Software simplifies label creation
- Outdoor rated and water-resistant label options
- Handheld and desktop printers allow for fast and high-quality label production
- Custom, imprinted cable ties available in multiple styles, sizes and colors



Abrasion Protection

A broad range of abrasion protection products for wire, cable and tubing meet your unique application requirements and today's most demanding safety standards.

- Braided, expandable sleeving fully covers wires while allowing heat dissipation
- Spiral wrap creates bundles to provide protection



Power Connectors and Grounding

Copper and aluminum compression connectors and mechanical connectors provide critical electrical grounding and reliable wire terminations.

- Compression and mechanical lugs and splices designed for demanding power applications







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