

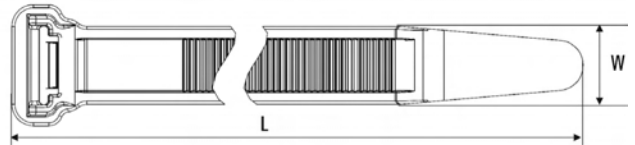
### Wide Strap Heavy Duty Cable Ties

The wide strap cable tie minimizes pinching on soft bundles and features a low profile head to provide compact bundling. A thinner strap provides increased flexibility for improved ergonomics

- Designed to minimize pinching of soft hoses and convoluted tubing
- Low profile head
- Clamping rails on the bottom of head to increase grip on round bundles
- Large bundle diameter range: .375" - 4.125" (9.5mm - 104.7mm)
- Flexible strap with bent tip for quick insertion into mounts



Material Data	
Material	<b>Polyamide 6.6 impact modified, Heat Stabilized, UV Resistant (PA66HIRHS)</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>



#### Product Selection

Article No.	Part No.	Type	Min. Tensile Strength		Length (L)	Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs. (N)		in. (mm)	in. (mm)	in. (mm)	in. (mm)			
111-12300	<b>111-12300</b>	WSS	120 lbs (534)		9.1" (231.14)	2.25" (57.15)		.5" (12.7)		Black	300
111-12301	<b>111-12301</b>	WSI	120 lbs (534)		12.1" (307.34)	3.25" (82.55)		.5" (12.7)		Black	300
111-12302	<b>111-12302</b>	WSR	120 lbs (534)		15.1" (383.54)	4.125" (104.78)		.5" (12.7)		Black	300

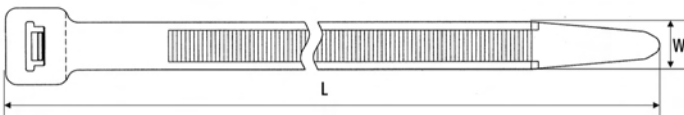
Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### T255 Series Heavy Duty Cable Ties

HellermannTyton's T255 series heavy duty cable ties are ideal for bundles requiring a strong cable tie that may also require a higher temperature rating than the T250 series. These ties have a tensile strength of 250 lbs.



Material Data	
Material	<b>Polyamide 6.6 impact modified, Heat Stabilized, UV Resistant (PA66HIRHS)</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>



#### Product Selection

Article No.	Part No.	Type	Min. Tensile Strength		Length (L)	Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
			lbs. (N)		in. (mm)	in. (mm)	in. (mm)	in. (mm)			
111-25500	<b>T255S0HIRX2</b>	T255S	250 lbs (1115)		8.86" (225)	2.16" (55)		.49" (12.5)		Black	25
111-25400	<b>T255R0HIRX2</b>	T255R	250 lbs (1115)		20.28" (520)	5.71" (145)		.49" (12.5)		Black	25
111-25300	<b>T255M0HIRX2</b>	T255M	250 lbs (1115)		22.05" (565)	6.30" (160)		.49" (12.5)		Black	25

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.



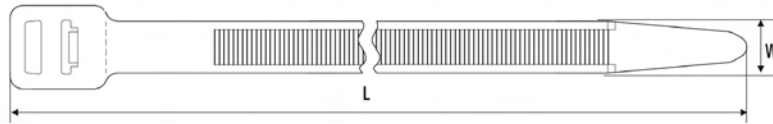
## Heavy Duty Cable Ties T250 Series

These cable ties offer a high minimum tensile strength and have a buckle feature which allows the end of the cable tie to be tucked away if necessary. The buckle also snaps into HellermannTyton LTM, lashing tie mounts.



T250 heavy duty cable tie and lashing tie mount application

Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



File# E64139

Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
<b>T250S</b>								
111-24702	<b>T250S9X2</b>	T250S	250 lbs (1115)	9.05" (230)	2.17" (55)	.49" (12.5)	Natural	25
111-24700	<b>T250S0X2</b>	T250S	250 lbs (1115)	9.05" (230)	2.17" (55)	.49" (12.5)	Black	25
<b>T250R</b>								
111-24803	<b>T250R9X2</b>	T250R	250 lbs (1115)	20.47" (520)	5.71" (145)	.49" (12.5)	Natural	25
111-24801	<b>T250R0X2</b>	T250R	250 lbs (1115)	20.47" (520)	5.71" (145)	.49" (12.5)	Black	25
<b>T250M</b>								
111-25002	<b>T250M9X2</b>	T250M	250 lbs (1115)	22.24" (565)	5.90" (150)	.49" (12.5)	Natural	25
111-25001	<b>T250M0X2</b>	T250M	250 lbs (1115)	22.24" (565)	5.90" (150)	.49" (12.5)	Black	25
<b>T250I</b>								
111-25219	<b>T250I9X2</b>	T250I	250 lbs (1115)	28.54" (725)	8.00" (203)	.49" (12.5)	Natural	25
111-00507	<b>T250I0X2</b>	T250I	250 lbs (1115)	28.54" (725)	8.00" (203)	.49" (12.5)	Black	25
<b>T250L</b>								
111-00436	<b>T250L9X2</b>	T250L	250 lbs (1115)	34.65" (880)	10.00" (254)	.49" (12.5)	Natural	25
111-24601	<b>T250L0X2</b>	T250L	250 lbs (1115)	34.65" (880)	10.00" (254)	.49" (12.5)	Black	25
<b>T250XL</b>								
111-00466	<b>T250XL9X2</b>	T250XL	250 lbs (1115)	40.55" (1030)	12.00" (305)	.49" (12.5)	Natural	25
111-25200	<b>T250XL0X2</b>	T250XL	250 lbs (1115)	40.55" (1030)	12.00" (305)	.49" (12.5)	Black	25

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Button Head Ties

The button head tie is a two piece tie providing for parallel entry and exit through the head. The strap contains serrations on both sides and has two opposed pawls recessed within a domed head. This design allows the strap to be directed clockwise or counter-clockwise prior to insertion into the head, enabling bi-directional looping.



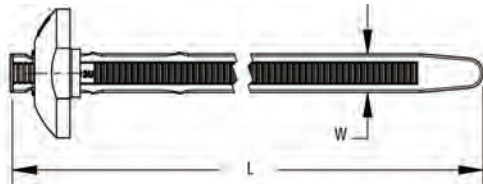
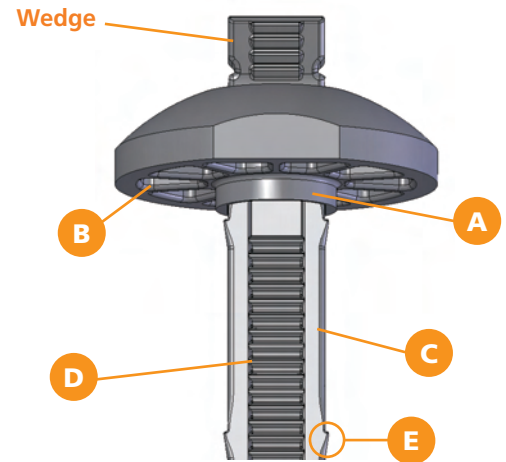
#### New and Improved Features

The button head tie offers many improved features for added durability and installation ease.

- A. Pilot bushing** - protects the strap from abrasion on the mounting hole edge
- B. Ribs** - increased ribs added to the bottom of the head for added durability
- C. Strap** - more radiused edges for added flexibility
- D. Serrations** - redesigned serrations and wedge provide optimal strength when seated in the head
- E. Retainers** - lower retainers on BT130 hold HellermannTyton's MSBT120 saddle mounts in place during assembly.

Material Data- Button Head	
Material	Polyamide 6.6 heat stabilized (PA66HS) <span style="float: right;">RoHS</span>
Color	Black
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C) continuous
Flammability	UL94 V2

Material Data - Strap	
Material	Polyamide 6.6 impact modified, heat stabilized, UV resistant (PA66HIRHS) <span style="float: right;">RoHS</span>
Color	Black
Operating Temperature	-40 °F to +230 °F (-40 °C to +110 °C) continuous
Flammability	UL94 HB



Note: In order to assure the strap is fully locked in its final secure position, the installer must make sure that the "wedge" located at the end of the strap, is fully seated in the button, and flush with the top of the button. The MK9 cable tie tool is recommended and end use testing is advised.



MK9 Tool - See page 84

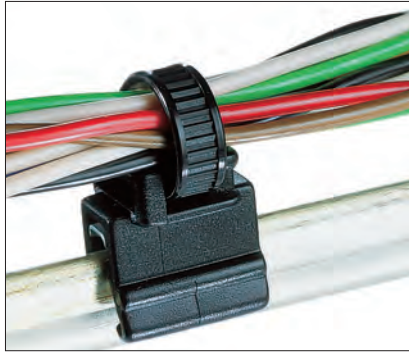
Product Selection			Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
Article No.	Part No.	Type	lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
<b>BT105 Button Head Ties</b>												
132-00010	<b>132-00010</b>	BT105R	105 lbs	(467)	9.63"	(244.4)	2.62"	(66.7)	.22"	(5.6)	Black	50
132-00011	<b>132-00011</b>	BT105L	105 lbs	(467)	15"	(381.5)	4.33"	(110)	.22"	(5.6)	Black	50
<b>BT105 Button Head Ties with Pilot Bushings</b>												
132-00006	<b>132-00006</b>	BT105RP	105 lbs	(467)	9.63"	(244.4)	2.62"	(66.7)	.22"	(5.6)	Black	50
132-00007	<b>132-00007</b>	BT105LP	105 lbs	(467)	15"	(381.5)	4.33"	(110)	.22"	(5.6)	Black	50
<b>BT130 Button Head Ties with Retainers and Pilot Bushings</b>												
132-00008	<b>132-00008</b>	BT130RDP	130 lbs	(578)	10.51"	(267.0)	2.87"	(73)	.30"	(7.6)	Black	50
132-00009	<b>132-00009</b>	BT130LDP	130 lbs	(578)	15"	(381.5)	4.33"	(110)	.30"	(7.6)	Black	50

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Cable Ties and Edge Clips

HellermannTyton's edge clips are designed specifically to route bundles by securing them to the edge of a plastic or metal sheet without the need for a mounting hole. The clip is easy to secure and the extraction force is high due to the integrated metal clamp that holds the edge clip in place. Edge clips are available in three configurations: a two piece clip and tie assembly, a one piece clip and tie combination and a edge clip and tape bar combination. When noted (\*), cable ties are outside serrated which can reduce bundle chafing.

### Two Piece Edge Clip and Cable Tie Assemblies



T50ROSEC4A - the cable bundle runs parallel with the edge.

Material Data- Cable Tie		RoHS
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>	
Color	<b>Black</b>	
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>	
Flammability	<b>UL94 V2</b>	
Material Data - Edge Clip		RoHS
Material	<b>Polyamide 6.6 impact modified, heat stabilized, UV resistant (PA66HIRHS)</b>	
Color	<b>Black</b>	
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>	
Flammability	<b>UL94 HB</b>	

### Product Selection

Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle	Pkg. Qty.	Drawing	
			lbs.	(N)	in.	(mm)	in.			(mm)
<b>Panel Thickness, — .039" - .117" (1-3mm)</b>										
150-76090	<b>150-76090</b>	T30REC4A	30 lbs	(135)	5.9"	(150)	1.3"	(33)	500	
150-76093	<b>150-76093 *</b>	T50SOSEC4A	50 lbs	(225)	5.9"	(150)	1.2"	(31)	500	
150-76091	<b>150-76091</b>	T50REC4A	50 lbs	(225)	8"	(202)	1.8"	(45)	500	
150-76099	<b>150-76099 *</b>	T50ROSEC4A	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	
150-76080	<b>150-76080</b>	T30REC4B	30 lbs	(135)	5.9"	(150)	1.3"	(33)	500	
156-00109	<b>156-00109 *</b>	T50SOSEC4B	50 lbs	(225)	6.5"	(165)	1.2"	(31)	500	
150-76079	<b>150-76079 *</b>	T50ROSEC4B	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	
150-40593	<b>150-40593 *</b>	T50SOSEC5A	50 lbs	(225)	5.9"	(150)	1.2"	(31)	500	
150-40591	<b>150-40591</b>	T50ROSEC5A	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	
156-01007	<b>156-01007</b>	T50RDHEC5A	50 lbs	(225)	8.3"	(210)	1.8"	(45)	500	
150-40583	<b>150-40583 *</b>	T50SOSEC5B	50 lbs	(225)	5.9"	(150)	1.2"	(31)	500	
150-40582	<b>150-40582</b>	T50REC5B	50 lbs	(225)	8"	(202)	1.8"	(45)	500	
150-40581	<b>150-40581 *</b>	T50ROSEC5B	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. \* outside serrated cable tie  
 Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

**Two Piece Edge Clip and Cable Tie Assemblies (continued)**

Material Data- Cable Tie	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Color	<b>Black</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Material Data - Edge Clip	
Material	<b>Polyamide 6.6 impact modified, heat stabilized, UV resistant (PA66HIRHS)</b>
Color	<b>Black</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>



Article No.	Part No.	Type	Min. Tensile Strength		Length (L)	Max. Ø Bundle	Pkg. Qty.	Drawing
			lbs.	(N)				
<b>Panel Thickness, — .039" - .117" (1-3mm)</b>								
155-37104	<b>155-37104</b>	T18REC9SD	18 lbs	(80)	3.9" (100)	.75" (19)	500	
156-00019	<b>156-00019 *</b>	T50SOSEC9SD	50 lbs	(225)	5.9" (150)	1.2" (31)	500	
156-05903	<b>156-05903</b>	T50ROSEC9SD	50 lbs	(225)	7.9" (200)	1.8" (45)	500	
155-38304	<b>155-38304</b>	T18R-EC10SD	18 lbs	(80)	3.9" (100)	.79" (20)	500	
156-05904	<b>156-05904 *</b>	T50ROSEC10SD	50 lbs	(225)	7.9" (200)	1.8" (45)	500	
156-00017	<b>156-00017</b>	T50SOSEC21	50 lbs	(225)	5.9" (150)	1.3" (33)	500	
156-00010	<b>156-00010</b>	T50ROSEC21	50 lbs	(225)	7.9" (200)	1.8" (45)	500	
156-00018	<b>156-00018</b>	T50SOSEC22	50 lbs	(225)	5.9" (150)	1.3" (33)	500	
156-00011	<b>156-00011</b>	T50ROSEC22	50 lbs	(225)	7.9" (200)	1.8" (45)	500	
156-01601	<b>156-01601</b>	CBTO-50R	50 lbs	(225)	8" (202)	1.85" (47)	500	

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P.  
 Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

\* outside serrated cable tie

**SD** in the **Type** indicates the edge clip is designed to accommodate small bundle diameters

## Two Piece Edge Clip and Cable Tie Assemblies (continued)

Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Pkg. Qty.	Drawing
			lbs.	(N)	in.	(mm)	in.	(mm)		
Panel Thickness — .117" - .234" (3-6 mm)										
156-04600	<b>156-04600</b>	T18ROSEC19	18 lbs	(80)	3.9"	(100)	.79"	(20)	500	
156-04601	<b>156-04601</b>	T50SOSEC19	50 lbs	(225)	5.9"	(150)	1.2"	(31)	500	
156-04602	<b>156-04602</b>	T50ROSEC19	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	
156-00016	<b>156-00016</b>	T50SOSEC20	50 lbs	(225)	5.9"	(150)	1.3"	(33)	500	
156-00020	<b>156-00020</b>	T50ROSEC20	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	
156-00006	<b>156-00006</b>	T50ROSEC23	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	
156-00007	<b>156-00007</b>	T50ROSEC24	50 lbs	(225)	7.9"	(200)	1.8"	(45)	500	

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## One Piece Edge Clip and Cable Tie Combinations

The plastic area of the edge clips and the cable ties are molded together.

Material Data	
Material	Polyamide 6.6 heat stabilized (PA66HS)
Color	Black
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C) continuous
Flammability	UL94 HB

Product Selection										
Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Pkg. Qty.	Drawing
			lbs.	(N)	in.	(mm)	in.	(mm)		
Panel Thickness — .039" - .117" (1-3 mm)										
133-00059	<b>133-00059</b>	T40XEC5SP-E	40 lbs	(178)	4.05"	(103)	.59"	(15)	500	
148-00200	<b>148-00200</b>	T50SOSEC12E	50 lbs	(225)	6.30"	(160)	1.38"	(35)	500	
126-00000	<b>126-00000</b>	T50SOSEC13E	50 lbs	(225)	6.30"	(160)	1.38"	(35)	500	

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Edge Clip and Tape Clip Combination

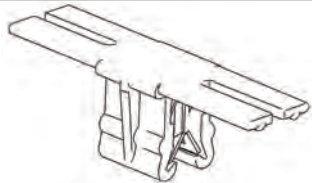
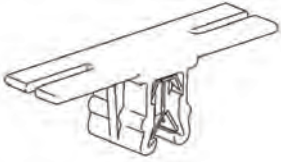
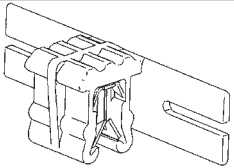
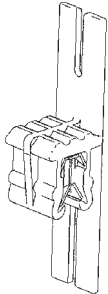
These clips can be secured to cables with cable ties or tape.

Material Data - Cable Tie and Tape Clip Combination



Material	<b>Polyamide 6.6 impact modified, heat stabilized, UV resistant (PA66HIRHS)</b>
Color	<b>Black</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>

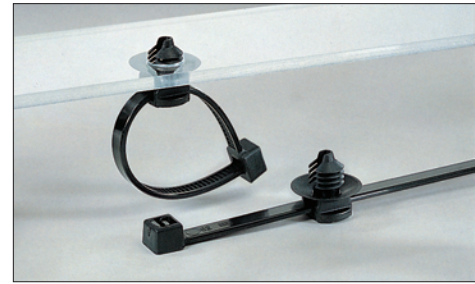
Product Selection

Article No.	Part No.	Type	Length (L)		Width (W)		Pkg. Qty.	Drawing
			in.	(mm)	in.	(mm)		
<b>Panel Thickness — .039" - .117" (1-3 mm)</b>								
151-03404	<b>151-03404</b>	EC14	1.57"	(40.0)	.39"	(10.0)	500	
151-03401	<b>151-03401</b>	EC15	1.57"	(40.0)	.39"	(10.0)	500	
151-03402	<b>151-03402</b>	EC16	1.57"	(40.0)	.39"	(10.0)	500	
151-03403	<b>151-03403</b>	EC17	1.57"	(40.0)	.39"	(10.0)	500	

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

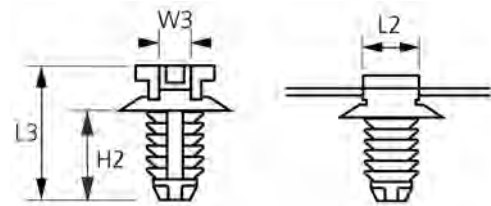
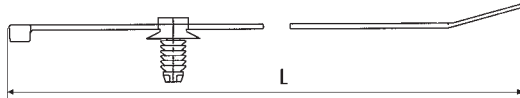
### Fir Tree Mount and Cable Tie Assemblies

HellermannTyton's fir tree mounts provide a secure grip in a mounting hole and protect against dirt and other impurities. The mount can slide along the strap of the tie for proper orientation. The fir tree mounts are designed to provide a low insertion force and high extraction force. These mounts are sold as an assembly with the cable tie.



Material Data - All Cable Ties/ FT7, FT8 and FT10 Mounts		RoHS
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>	
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C)</b>	
Color	<b>Black</b>	
Flammability	<b>UL94 V2</b>	

Material Data - FT5, FT6 and FT6LG Mounts		RoHS
Material	<b>Polyamide 6.6 impact modified, heat stabilized, UV resistant (PA66HIRHS)</b>	
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C)</b>	
Color	<b>Black</b>	
Flammability	<b>UL94 HB</b>	

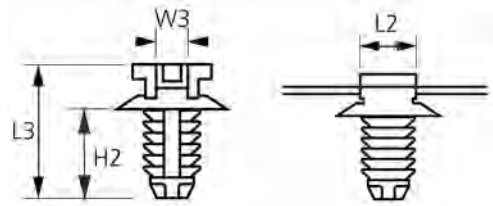
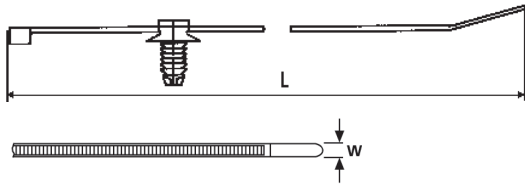


Product Selection												
Article No.	Part No.	Type	Min. Tensile Strength lbs. (N)	Max. Ø Bundle in. (mm)	Cable Tie		Mount					Pkg. Qty.
					Length (L) in. (mm)	Width (W) in. (mm)	Disc Ø in. (mm)	Length (L2) in. (mm)	Length (L3) in. (mm)	Width (W3) in. (mm)	Height (H2) in. (mm)	
<b>FT5 - Mounting Hole Ø: .177" - .197" (4.5-5.0mm) - Panel Thickness: .028" - .193" (0.7 - 3.0mm)</b>												
150-55850	<b>150-55850</b>	T30RFT5	30 lbs (135)	1.38" (35)	5.8" (148)	.14" (3.6)	.63" (16.0)	.46" (11.6)	.52" (13.2)	.20" (5)	.27" (6.9)	500
156-00025	<b>156-00025</b>	T50RFT5	50 lbs (225)	1.75" (44.5)	8" (203.2)	.18" (4.6)	.63" (16.0)	.46" (11.6)	.52" (13.2)	.20" (5)	.27" (6.9)	500
<b>FT6 - Mounting Hole Ø: .252" - .28" (6.4-7.1mm) - Panel Thickness: .028" - .193" (0.75 - 3.0mm)</b>												
150-77940	<b>150-77940</b>	T30RFT6	30 lbs (135)	1.38" (35)	5.8" (148)	.14" (3.6)	.63" (16.0)	.46" (11.6)	.54" (13.8)	.20" (5)	.295" (7.5)	500
156-00156	<b>156-00156</b>	T50SFT6	50 lbs (225)	1.38" (35)	6.3" (160)	.18" (4.6)	.63" (16.0)	.46" (11.6)	.54" (13.8)	.20" (5)	.295" (7.5)	500
156-00157	<b>156-00157</b>	T50RFT6	50 lbs (225)	1.75" (44.5)	8" (203.2)	.18" (4.6)	.63" (16.0)	.46" (11.6)	.54" (13.8)	.20" (5)	.295" (7.5)	500
156-00066	<b>156-00066</b>	T50LFT6	50 lbs (225)	4.33" (110)	15" (380)	.18" (4.7)	.63" (16)	.46" (11.6)	.54" (13.8)	.20" (5)	.295" (7.5)	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.



Fir Tree Mount and Cable Tie Assemblies (continued)



Product Selection

Article No.	Part No.	Type	Min. Tensile Strength lbs. (N)	Max. Ø Bundle in. (mm)	Cable Tie		Mount					Pkg. Qty.
					Length (L) in. (mm)	Width (W) in. (mm)	Disc Ø in. (mm)	Length (L2) in. (mm)	Length (L3) in. (mm)	Width (W3) in. (mm)	Height (H2) in. (mm)	
<b>FT6LG - Mounting Hole Ø: .256" - .276" (6.4-7.1mm) - Panel Thickness: .031" - .24" (0.75 - 6.0mm)</b>												
150-31090	<b>150-31090</b>	T30RFT6LG	30 lbs (135)	1.38" (35)	5.8" (148)	.14" (3.6)	.63" (16)	.46" (11.6)	.69" (17.5)	.19" (5)	.44" (11.1)	500
150-31093	<b>150-31093</b>	T50SFT6LG	50 lbs (225)	1.38" (35)	6.3" (160)	.18" (4.6)	.63" (16)	.46" (11.6)	.69" (17.5)	.19" (5)	.44" (11.1)	500
150-31091	<b>150-31091</b>	T50RFT6LG	50 lbs (225)	1.75" (44)	8" (203.2)	.18" (4.6)	.63" (16)	.46" (11.6)	.69" (17.5)	.19" (5)	.44" (11.1)	500
156-00054	<b>156-00054</b>	T50IFT6LG	50 lbs (225)	3.35" (85)	11.8" (300)	.18" (4.6)	.63" (16)	.46" (11.6)	.69" (17.5)	.19" (5)	.44" (11.1)	500
<b>FT7 - Mounting Hole Ø: .256" - .276" (6.5-7.0mm) - Panel Thickness: .031" - .276" (0.8 - 7.0mm)</b>												
156-00057	<b>156-00057</b>	T30RFT7	30 lbs (135)	1.38" (35)	5.8" (148)	.14" (3.6)	.63" (16)	.46" (11.6)	.75" (19)	.20" (5)	.5" (12.7)	500
156-00056	<b>156-00056</b>	T50SFT7	50 lbs (225)	1.38" (35)	6.3" (160)	.18" (4.6)	.63" (16)	.46" (11.6)	.75" (19)	.20" (5)	.5" (12.7)	500
111-85871	<b>111-85871</b>	T50RFT7	50 lbs (225)	1.75" (44)	8" (203.2)	.18" (4.6)	.63" (16)	.46" (11.6)	.75" (19)	.20" (5)	.5" (12.7)	500
111-05350	<b>111-05350</b>	T50IFT7	50 lbs (225)	3.35" (85)	11.8" (300)	.18" (4.6)	.63" (16)	.46" (11.6)	.75" (19)	.20" (5)	.5" (12.7)	500
156-00055	<b>156-00055</b>	T50LFT7	50 lbs (225)	4.33" (110)	15" (380)	.18" (4.7)	.63" (16)	.46" (11.6)	.75" (19)	.20" (5)	.5" (12.7)	500
<b>FT8 - Mounting Hole Ø: .3" - .31" (7.7-8.0mm) - Panel Thickness: .031" - .31" (0.8 - 8.0mm)</b>												
156-00375	<b>156-00375</b>	T30RFT8	30 lbs (135)	1.38" (35)	5.8" (148)	.14" (3.6)	.63" (16)	.47" (12.0)	.7" (17.8)	.35" (9)	.45" (11.5)	500
156-00376	<b>156-00376</b>	T50RFT8	50 lbs (225)	1.75" (44)	8" (203.2)	.18" (4.6)	.63" (16)	.47" (12.0)	.7" (17.8)	.35" (9)	.45" (11.5)	500
156-00377	<b>156-00377</b>	T50IFT8	50 lbs (225)	3.35" (81)	11.8" (300)	.18" (4.6)	.63" (16)	.47" (12.0)	.7" (17.8)	.35" (9)	.45" (11.5)	500
156-00378	<b>156-00378</b>	T50LFT8	50 lbs (225)	4.33" (110)	15" (380)	.18" (4.7)	.63" (16)	.47" (12.0)	.7" (17.8)	.35" (9)	.45" (11.5)	500
<b>FT10 - Mounting Hole Ø: .38" - .39" (9.7-10.0mm) - Panel Thickness: .031" - .236" (0.8 - 5.0mm)</b>												
156-00089	<b>156-00089</b>	T30RFT10	30 lbs (135)	1.38" (35)	5.8" (148)	.14" (3.6)	.71" (18)	.47" (12)	.75" (18.6)	.20" (5)	.48" (12.1)	500
156-00090	<b>156-00090</b>	T50SFT10	50 lbs (225)	1.38" (35)	6.3" (160)	.18" (4.6)	.71" (18)	.47" (12)	.75" (18.6)	.20" (5)	.48" (12.1)	500
156-00091	<b>156-00091</b>	T50RFT10	50 lbs (225)	1.75" (44)	8" (203.2)	.18" (4.6)	.71" (18)	.47" (12)	.75" (18.6)	.20" (5)	.48" (12.1)	500
156-00092	<b>156-00092</b>	T50IFT10	50 lbs (225)	3.35" (81)	11.8" (300)	.18" (4.6)	.71" (18.0)	.47" (12)	.75" (18.6)	.20" (5)	.48" (12.1)	500
156-00093	<b>156-00093</b>	T50LFT10	50 lbs (225)	4.33" (110)	15" (380)	.18" (4.7)	.71" (18)	.47" (12)	.75" (18.6)	.20" (5)	.48" (12.1)	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

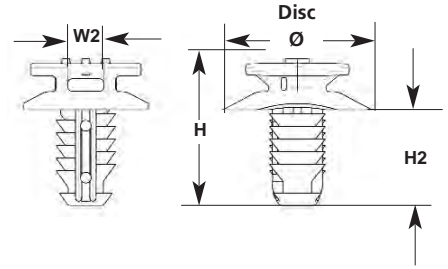


## Fir Tree Mount For Automatic Cable Tie Tool System

Engineered for use with HellermannTyton's automatic cable tie tool systems, this fir tree mount has an anti-rotational design and features a low insertion force and high extraction force. For more information on automatic tool systems, see page 88.

Material Data	
Material	Polyamide 6.6 impact modified, heat stabilized, UV resistant (PA66HIRHS)
Color	Black
Operating Temperature	-40 °F to +230 °F (-40 °C to +110 °C) continuous
Flammability	UL94 HB

Product Selection							
Article No.	Part No.	Type	Disc Ø in. (mm)	Width (W2) in. (mm)	Height (H) in. (mm)	Height (H2) in. (mm)	Pkg. Qty.
<b>FT7AT - Mounting Hole Ø: .24" - .28" (6.0 - 7.0mm) - Panel Thickness: .03" - .276" (0.8 - 7.0mm)</b>							
151-00492	<b>151-00492</b>	FT7AT	.73" (18.6)	.18" (4.5)	.72" (18.34)	.47" (11.9)	100

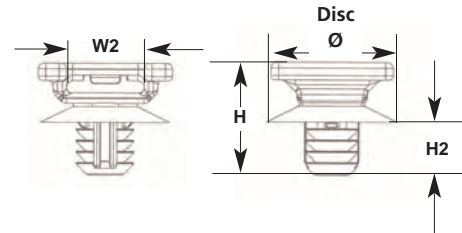
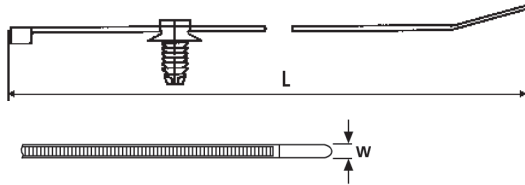


Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Heavy Duty Fir Tree Mounts and Cable Tie Assemblies

The FT7HD, is a heavy duty alternative to HellermannTyton's standard FT7 mount and cable tie assembly. The H profile of the mount offers durability and the assembly is available with a 50 lb. cable tie in 8" and 11.8" lengths.

Material Data	
Material	Polyamide 6.6 impact modified, heat stabilized, UV resistant (PA66HIRHS)
Color	Black
Operating Temperature	-40 °F to +230 °F (-40 °C to +110 °C) continuous
Flammability	UL94 HB

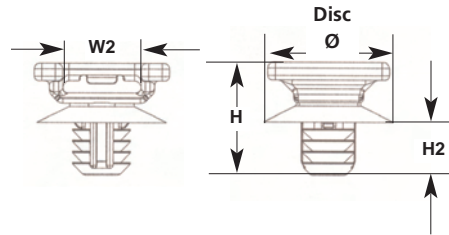
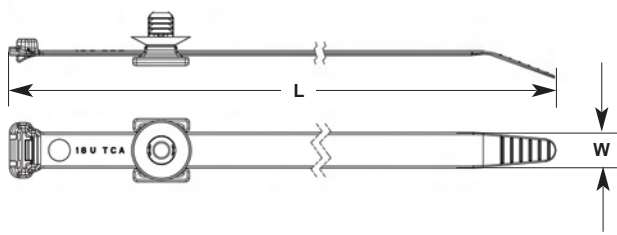


Product Selection											
Article No.	Part No.	Type	Min. Tensile Strength lbs. (N)	Max. Ø Bundle in. (mm)	Cable Tie		Mount				Pkg. Qty.
					Length (L) in. (mm)	Width (W) in. (mm)	Disc Ø in. (mm)	Width (W2) in. (mm)	Height (H) in. (mm)	Height (H2) in. (mm)	
<b>FT7HD - Mounting Hole Ø: .24" - .28" (6.2 - 7.2mm) - Panel Thickness: .03" - .276" (0.8 - 7.0mm)</b>											
156-00329	<b>156-00329</b>	T50RFT7HD	50 lbs (225)	1.75" (44)	8" (203.2)	.18" (4.6)	.85" (21.6)	.232" (5.9)	.78" (19.8)	.36" (12.4)	500
156-00282	<b>156-00282</b>	T50LFT7HD	50 lbs (225)	3.35" (85)	11.8" (300)	.18" (4.6)					

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Heavy Duty Fir Tree Mounts and Cable Tie Assemblies

Designed specifically for 120 - 250 lb. cable ties, the heavy duty fir tree mounts are optimized for up to 3 to 1 extraction versus insertion force. The "H" profile provides a broad surface contact to minimize the pinching of bundles and will easily hold bundles ranging from 3/8" to 3". Heavy duty fir tree mounts are equipped with a friction tab that will hold the tie in the mount, allowing them to be preassembled prior to installation. These mounts are sold as an assembly with the cable tie.



Material Data - Fir Tree Mount and WSS, WSI, WSR Cable Ties

Material	<b>Polyamide 6.6 impact modified, heat stabilized, UV resistant (PA66HIRHS)</b>
Color	<b>Black</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>



Material Data - T120R Cable Tie

Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Color	<b>Black</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 HB</b>



Product Selection

Article No.	Part No.	Type	Min. Tensile Strength lbs. (N)	Max. Ø Bundle in. (mm)	Cable Tie		Mount				Pkg. Qty.
					Length (L) in. (mm)	Width (W) in. (mm)	Disc Ø in. (mm)	Width (W2) in. (mm)	Height (H) in. (mm)	Height (H2) in. (mm)	
<b>FT9A - Mounting Hole Ø: .343" - .363" (8.75 - 9.25mm) - Panel Thickness: .04" - .26" (1.0 - 6.5mm)</b>											
156-00067	<b>T120RFT9A0ZC2</b>	T120RFT9A	120 lbs (534)	4" (101.6)	15.25" (387.4)	.30" (7.6)	.85" (21.6)	.51" (13)	.75" (19.1)	.36" (9)	100
156-00068	<b>WSSFT9A0ZC2</b>	WSSFT9A	120 lbs (534)	2.25" (57.1)	9" (228.6)	.50" (12.7)	.85" (21.6)	.51" (13)	.75" (19.1)	.36" (9)	100
156-00069	<b>WSIFT9A0ZC2</b>	WSIFT9A	120 lbs (534)	3.25" (82.5)	12" (304.8)	.50" (12.7)	.85" (21.6)	.51" (13)	.75" (19.1)	.36" (9)	100
156-00070	<b>WSRFT9A0ZC2</b>	WSRFT9A	120 lbs (534)	4.13" (104.8)	15" (381)	.50" (12.7)	.85" (21.6)	.51" (13)	.75" (19.1)	.36" (9)	100

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

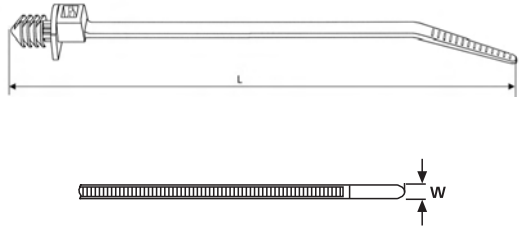
Product Selection

Article No.	Part No.	Type	Min. Tensile Strength lbs. (N)	Max. Ø Bundle in. (mm)	Cable Tie		Mount				Pkg. Qty.
					Length (L) in. (mm)	Width (W) in. (mm)	Disc Ø in. (mm)	Width (W2) in. (mm)	Height (H) in. (mm)	Height (H2) in. (mm)	
<b>FT9B - Mounting Hole Ø: .343" - .363" (8.75 - 9.25mm) - Panel Thickness: .04" - .62" (1.0 - 15.8 mm)</b>											
156-00071	<b>T120RFT9B0ZC2</b>	T120RFT9B	120 lbs (534)	4" (101.6)	15.25" (387.4)	.30" (7.6)	.85" (21.6)	.51" (13)	1.12" (28.4)	.73" (18.4)	100
156-00072	<b>WSSFT9B0ZC2</b>	WSSFT9B	120 lbs (534)	2.25" (57.1)	9" (228.6)	.50" (12.7)	.85" (21.6)	.51" (13)	1.12" (28.4)	.73" (18.4)	100
156-00073	<b>WSIFT9B0ZC2</b>	WSIFT9B	120 lbs (534)	3.25" (82.5)	12" (304.8)	.50" (12.7)	.85" (21.6)	.51" (13)	1.12" (28.4)	.73" (18.4)	100
156-00074	<b>WSRFT9B0ZC2</b>	WSRFT9B	120 lbs (534)	4.13" (104.8)	15" (381)	.50" (12.7)	.85" (21.6)	.51" (13)	1.12" (28.4)	.73" (18.4)	100

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Fir Tree Push Mount Ties

Fir tree design grips to the inside of a hole. They can be used on sheet metal, wood, and cast iron. Type T50RTM25E has a longer fir tree for larger panel thicknesses.



Material Data	
Material	Polyamide 6.6 heat stabilized (PA66HS)
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C) continuous
Flammability	UL94 V2



Material Data	
Material	Polyamide 6.6 impact modified, heat stabilized, UV resistant (PA66HIRHS)
Operating Temperature	-40 °F to +230 °F (-40 °C to +110 °C) continuous
Flammability	UL94 HB

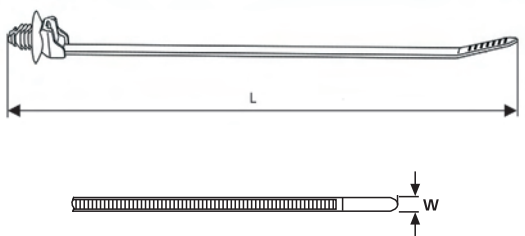


Product Selection			Min. Tensile Strength	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type								
<b>Heat Stabilized Material</b>										
126-03501	T50RTM250HSM4	T50RTM25	50 lbs (225)	.25" - .26" (6.5 - 6.6)	.052" - .28" (1.32 - 7.0)	8.27" (210)	1.97"(50.0)	.19" (4.7)	Black	1000
<b>Impact Modified Heat Stabilized, UV Resistant Material</b>										
126-03504	T50RTM25E8HM4	T50RTM25E	50 lbs (225)	.25" - .26" (6.5 - 6.6)	.09" - .55" (2.3 - 13.94)	8.43" (214)	1.97"(50.0)	.19" (4.7)	Gray	1000

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Fir Tree Mount with Disc Tie

This fir tree mount tie provides a low insertion force with a high extraction force. The outside serrations present a smooth surface to the cables preventing damage to the insulation. The unique head design allows the cable tie to firmly hold bundles as small as .06" diameter and the disc offers added water protection.



Material Data	
Material	Polyamide 6.6 impact modified, heat stabilized, UV Resistant (PA66HIRHS)
Operating Temperature	-40 °F to +230 °F (-40 °C to +110 °C) continuous
Flammability	UL94 HB



Product Selection			Min. Tensile Strength	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type								
155-05800	155-05800	T50SOSFT6E	50 lbs (225)	.26" - .28" (6.5-7.0)	.03" - .12" (0.75 - 3.0)	6.30"(160)	1.38" (35)	.18" (4.6)	Black	500

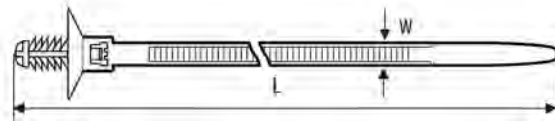
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Domed Fir Tree Mount

The domed head tie provides a tight, rattle-free installation and the outside serrated strap has ribs designed for convoluted tubing. The dome also acts as a seal to keep out dust and liquid.



Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>



#### Product Selection

Article No.	Part No.	Type	Min. Tensile Strength		Mounting Hole Ø	Panel Thickness	Length (L)		Max. Ø Bundle	Width (W)	Color	Pkg. Qty.	
			lbs.	(N)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)			
157-01100	<b>T50SDP6.HB6P</b>	T50SDP6	45 lbs	(200)	.25" - .28" (6.3-7.0)	.03" - .28" (0.8 - 7.0)	6.69"	(170)	1.22"	(31)	.20" (5.1)	Black	500

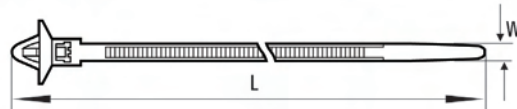
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Domed Push Mount Tie

The domed head tie provides a tight, rattle-free installation and the outside serrated strap has ribs designed for convoluted tubing. The dome also acts as a seal to keep out dust and liquid.



Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>



#### Product Selection

Article No.	Part No.	Type	Min. Tensile Strength		Mounting Hole Ø	Panel Thickness	Length (L)		Max. Ø Bundle	Width (W)	Color	Pkg. Qty.	
			lbs.	(N)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)			
111-85350	<b>T50SD60HSH4</b>	T50SD6	50 lbs	(225)	.25" - .30" (6.3-7.5)	.023" - .047" (0.6 - 1.2)	6.30"	(160)	1.22"	(31)	.20" (5.1)	Black	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Push Mount Ties

One-piece, all plastic ties for quick, simple cable mounting.



Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



**CALUS**  
File# E64139

### Product Selection

Article No.	Part No.	Type	Min. Tensile Strength		Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
			lbs.	(N)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)		
<b>T30RSF</b>											
111-85603	<b>T30RSF9C2</b>	T30RSF(U)	30 lbs	(135)	.19" - .22" (4.76-5.59)	.04" - .09" (0.9-2.36)	6.34" (161)	1.25" (31.8)	.14" (3.6)	Natural	100
126-00704	<b>T30RSF9M4</b>	T30RSF(U)	30 lbs	(135)	.19" - .22" (4.76-5.59)	.04" - .09" (0.9-2.36)	6.34" (161)	1.25" (31.8)	.14" (3.6)	Natural	1000
126-00700	<b>T30RSF0C2</b>	T30RSF(U)	30 lbs	(135)	.19" - .22" (4.76-5.59)	.04" - .09" (0.9-2.36)	6.34" (161)	1.25" (31.8)	.14" (3.6)	Black	100
126-00702	<b>T30RSF0M4</b>	T30RSF(U)	30 lbs	(135)	.19" - .22" (4.76-5.59)	.04" - .09" (0.9-2.36)	6.34" (161)	1.25" (31.8)	.14" (3.6)	Black	1000
<b>T50SSF</b>											
126-00043	<b>126-00043</b>	T50SSF	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	6.26" (159)	1.38" (35)	.19" (4.7)	Natural	100
126-00044	<b>126-00044</b>	T50SSF	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	6.26" (159)	1.38" (35)	.19" (4.7)	Natural	1000
126-00045	<b>126-00045</b>	T50SSF	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	6.26" (159)	1.38" (35)	.19" (4.7)	Black	100
126-00046	<b>126-00046</b>	T50SSF	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	6.26" (159)	1.38" (35)	.19" (4.7)	Black	1000
<b>T50RSF</b>											
111-85789	<b>T50RSF9C2</b>	T50RSF(U)	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	8.27" (210)	1.73" (44)	.19" (4.7)	Natural	100
126-01011	<b>T50RSF9M4</b>	T50RSF(U)	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	8.27" (210)	1.73" (44)	.19" (4.7)	Natural	1000
126-01003	<b>T50RSF0C2</b>	T50RSF(U)	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	8.27" (210)	1.73" (44)	.19" (4.7)	Black	100
126-01004	<b>T50RSF0M4</b>	T50RSF(U)	50 lbs	(225)	.25" - .28" (6.4-7.1)	.04" - .14" (1.0-3.56)	8.27" (210)	1.73" (44)	.19" (4.7)	Black	1000

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Wing Push Mount Ties

Wing design helps stabilize the tie in high vibration applications. They can be used on sheet metal, wood, and cast iron.

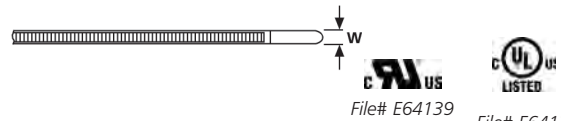
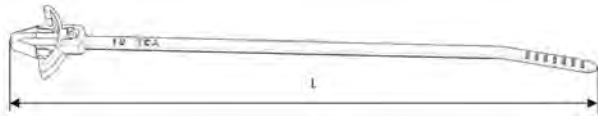
Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Material Data	
Material	<b>Polyamide 6.6 impact modified, Heat Stabilized, UV Resistant (PA66HIRHS)</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>



Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>



File# E64139

File# E64139

Product Selection											
Article No.	Part No.	Type	Min. Tensile Strength	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)	Color	Material	Pkg. Qty.
			lbs. (N)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)			
<b>T18RWPM</b>											
126-00041	<b>126-00041</b>	T18RWPM	18 lbs (80)	.19" - .22" (4.76-5.59)	.07" - .13" (1.85 - 3.18)	4.45" (113)	.87" (22)	.10" (2.5)	Natural	PA66	100
126-00603	<b>T18RWPM9M4</b>	T18RWPM	18 lbs (80)	.19" - .22" (4.76-5.59)	.07" - .13" (1.85 - 3.18)	4.45" (113)	.87" (22)	.10" (2.5)		PA66	1000
126-00042	<b>126-00042*</b>	T18RWPM	18 lbs (80)	.19" - .22" (4.76-5.59)	.07" - .13" (1.85 - 3.18)	4.45" (113)	.87" (22)	.10" (2.5)	Black	PA66HS	1000
<b>T50SSF</b>											
126-00049	<b>126-00049</b>	T50SSF	50 lbs (225)	.24" - .26" (6.0 - 6.6)	.03" - .12" (.7 - 3.0)	6.3" (160)	1.38" (35)	.18" (4.7)	Black	PA66HIRHS	500
126-00069	<b>126-00069</b>	T50SSF	50 lbs (225)	.24" - .26" (6.0 - 6.6)	.03" - .12" (.7 - 3.0)	6.3" (160)	1.38" (35)	.18" (4.7)	Natural	PA66	500
<b>T50SL6</b>											
111-85469	<b>T50SL6.NN6P</b>	T50SL6	50 lbs (225)	.24" - .26" (6.1 - 6.5)	.03" - .10" (0.8 - 2.5)	6.50" (165)	1.34" (34)	.18" (4.6)	Natural	PA66	500
<b>T50SL7</b>											
111-85479	<b>T50SL7.NN6P</b>	T50SL7	50 lbs (225)	.27" - .28" (6.9 - 7.1)	.03" - .10" (0.8 - 2.5)	6.50" (165)	1.34" (34)	.18" (4.6)	Natural	PA66	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes. UL recognition applies to T18RWPM ties.

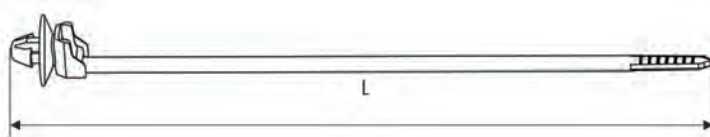
\* UL listing applies to 126-00042.

### Arrowhead Mount Ties with Seal

The arrowhead design of these ties offers a positive, low insertion force and a high extraction force. These ties feature a foam rubber seal which provides additional protection against moisture, dirt and other impurities.



Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Product Selection			Min. Tensile Strength	Mounting Hole Ø	Panel Thickness	Length (L)	Max. Ø Bundle	Width (W)		
Article No.	Part No.	Type	lbs. (N)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	Color	Pkg. Qty.
126-03100	<b>126-03100</b>	T50SOSSFT6.5E-MD	50 lbs (225)	.25" - .26" (6.3-6.7)	.02" - .07" (0.6 - 1.8)	6.30" (160)	1.38" (35)	.18" (4.6)	Green	500
156-00264	<b>156-00264</b>	T50SOSSFT6.5E-MD	50 lbs (225)	.25" - .26" (6.3-6.7)	.02" - .07" (0.6 - 1.8)	6.30" (160)	1.38" (35)	.18" (4.6)	Black	500
126-00065*	<b>126-00065</b>	T50SOSSFT6.5E-MS-MD	50 lbs (225)	.25" - .27" (6.3-6.75)	.03" - .06" (0.7 - 1.6)	6.42" (163)	1.38" (35)	.18" (4.6)	Natural	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

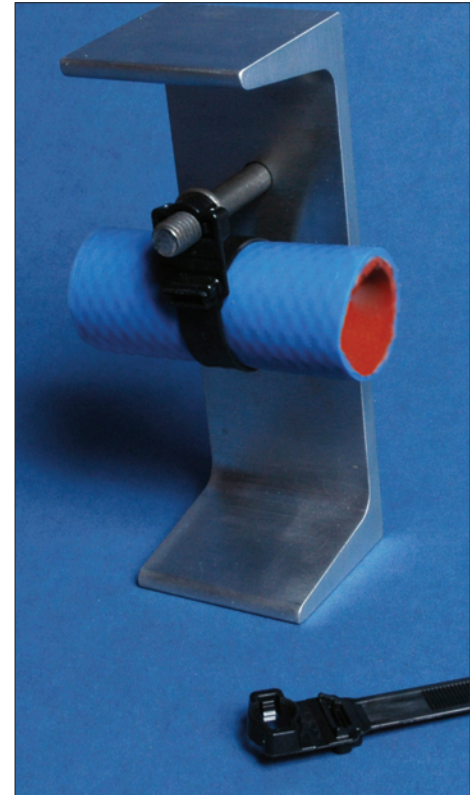
\* Arrowhead includes a pointed mount feature to assist in puncturing through plastic sheeting and other protective films.



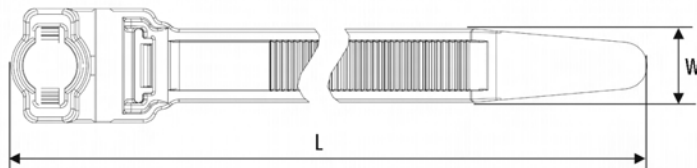
### Wide Strap Heavy Duty Stud Mount Cable Ties

The wide strap stud mount cable tie minimizes pinching on soft bundles and features a low profile head to provide compact bundling. A thinner strap provides increased flexibility for improved ergonomics. Available with a 1/4" and 3/8" stud mount, the wide strap tie utilizes a strong hinge between the stud mount and head to provide superior holding ability on a threaded stud.

- Wide strap to minimize pinching of soft hoses and convoluted tubing
- Clamping rails to increase grip on round bundles
- Wide variation of bundle diameters: .375" - 4.125" (9.5mm - 104.7mm)
- Flexible strap
- Flexible hinge
- Mount provides low insertion and high extraction forces



Material Data	
Material	<b>Polyamide 6.6 impact modified, Heat Stabilized, UV Resistant (PA66HIRHS)</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>



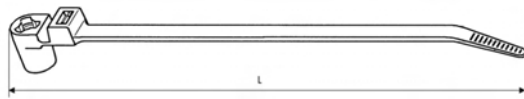
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type	lbs. (N)	in. (mm)	in. (mm)	in. (mm)		
<b>1/4" (6.35 mm) Stud Mount</b>								
157-00400	<b>157-00400</b>	WSS250	120 lbs (534)	9.7" (246.38)	2.25" (57.15)	.5" (12.7)	Black	300
157-00401	<b>157-00401</b>	WSI250	120 lbs (534)	12.7" (322.58)	3.25" (82.55)	.5" (12.7)	Black	300
157-00402	<b>157-00402</b>	WSR250	120 lbs (534)	15.7" (398.78)	4.125" (104.78)	.5" (12.7)	Black	300
<b>8 mm Stud Mount</b>								
157-00034	<b>157-00034</b>	WSS8MM	120 lbs (534)	9.7" (246.38)	2.25" (57.15)	.5" (12.7)	Black	300
157-00035	<b>157-00035</b>	WSI8MM	120 lbs (534)	12.7" (322.58)	3.25" (82.55)	.5" (12.7)	Black	300
157-00036	<b>157-00036</b>	WSR8MM	120 lbs (534)	15.7" (398.78)	4.125" (104.78)	.5" (12.7)	Black	300
<b>3/8" (9.25 mm) Stud Mount</b>								
157-00403	<b>157-00403</b>	WSS380	120 lbs (534)	9.7" (246.38)	2.25" (57.15)	.5" (12.7)	Black	300
157-00404	<b>157-00404</b>	WSI380	120 lbs (534)	12.7" (322.58)	3.25" (82.55)	.5" (12.7)	Black	300
157-00405	<b>157-00405</b>	WSR380	120 lbs (534)	15.7" (398.78)	4.125" (104.78)	.5" (12.7)	Black	300

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Stud Mount Ties

The stud mount tie mounts and secures a cable bundle in one component. The stud mount tie is designed for use on a 1/4" - 20 UNC threaded stud or the exposed threads of a machine screw.

Material Data	
Material	<b>Polyamide 6.6 impact modified, heat stabilized (PA66HIRHS)</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>



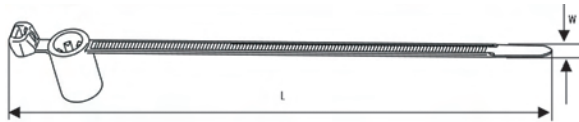
Product Selection			Stud Ø	Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type							
157-01300	<b>T120RSM0HIRK2</b>	T120RSM	.25" (6.25)	120 lbs (535)	15.94" (405)	3.98" (101)	.30" (7.6)	Black	50

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Standoff Stud Mount Tie

This tie is easily mounted on the top of the stud, and the additional height gained by this design gives the bundle added clearance from the panel.

Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>

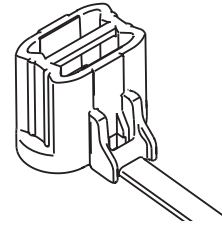


Product Selection			Stud Ø	Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type							
155-30602	<b>155-30602</b>	T50SSBS50TE	.20" (5)	45 lbs (200)	6.30" (160)	1.38" (35)	.181" (4.6)	Black	500

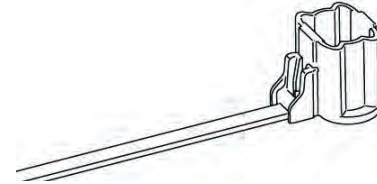
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Oval Shaped Variable Stud Mount Ties

The special oval shape provides for an approximate .20" (5.5mm) lateral adjustment, allowing for any misalignment of the stud or incorrect positioning of the tie on the cables. The "soft push" mount allows it to be installed onto a weld stud without the use of any tools.



T50SOSSB5HEC



T50SOSSB6HE

Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>

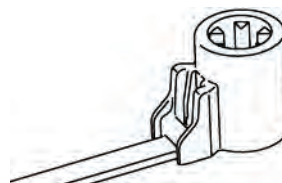


Product Selection			Stud Ø		Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
Article No.	Part No.	Type	in.	(mm)	lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
155-05400	<b>155-05400</b>	T50SOSSB5HEC	.20"	(5)	38 lbs	(170)	6.30"	(160)	1.38"	(35)	.18"	(4.6)	Black	500
155-46302	<b>155-46302</b>	T50SOSSB6HE	.24"	(6)	38 lbs	(170)	6.30"	(160)	1.38"	(35)	.18"	(4.6)	Black	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Stud Mount Tie with Outside Serrations

Providing an especially secure hold and the ability to mount the cables very close to the stud, this tie is outside serrated preventing damage to the insulation of the cable.



T50SOSSB5SE

Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>

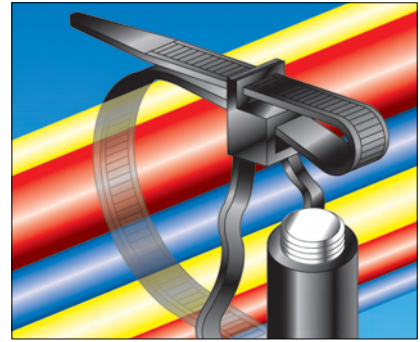


Product Selection			Stud Ø		Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
Article No.	Part No.	Type	in.	(mm)	lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
155-12300	<b>155-12300</b>	T50SOSSB5SE	.20"	(5)	50 lbs	(225)	6.30"	(160)	1.38"	(35)	.18"	(4.6)	Black	500

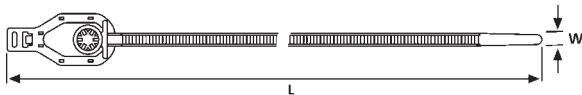
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Flexible Head Stud Mount Tie

Flexible head wraps around cable bundle for easy installation. Tie mounts onto #10-24" stud.



Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Article No.	Part No.	Type	Stud Ø	Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
			in.	lbs. (N)	in. (mm)	in. (mm)	in. (mm)		
111-07110	<b>T50RS5.NB3P</b>	T50RS5	#10-24"	50 lbs (225)	(190)	1.5" (40)	.18" (4.6)	Black	100

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

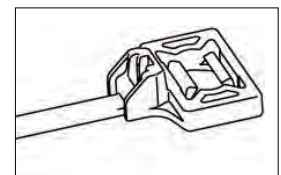
### Stud Mount Lateral Adjustment Tie

The special shape of this mount provides a .20" (5-6 mm) lateral adjustment to allow for any misalignment of the stud or incorrect positioning of the tie on the cables. The low profile of the mount allows for several ties to be installed one-on-top-of the other (on the same stud) to accommodate different cable bundles.



T50S0SWSP5E, parallel installation using two stud mount lateral ties.

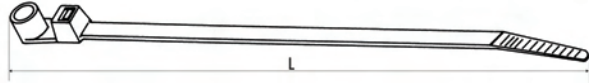
Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Product Selection			Stud Ø	Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type	in. (mm)	lbs. (N)	in. (mm)	in. (mm)	in. (mm)		
155-23601	<b>155-23601</b>	T50S0SWSP5E	.20" (5)	50 lbs (225)	6.35" (163)	1.4" (35)	.18" (4.6)	Black	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Screw Mount Ties



Material Data	
Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



**UL**  
US  
File# E64139

Product Selection

Article No.	Part No.	Type	Mounting	Min. Tensile Strength lbs. (N)	Length (L) in. (mm)	Max. Ø Bundle in. (mm)	Width (W) in. (mm)	Color	Pkg. Qty.
<b>T18MR</b>									
113-00026	T18MR9C2	T18MR	# 4 screw	18 lbs (80)	4.33" (110)	.79" (20)	.10" (2.5)	Natural	100
113-00028	T18MR9M4	T18MR		18 lbs (80)	4.33" (110)	.79" (20)	.10" (2.5)	Natural	1000
113-00022	T18MR0C2	T18MR		18 lbs (80)	4.33" (110)	.79" (20)	.10" (2.5)	Black	100
113-00024	T18MR0M4	T18MR		18 lbs (80)	4.33" (110)	.79" (20)	.10" (2.5)	Black	1000
<b>T30MR</b>									
113-03019	T30MR9C2	T30MR	# 8 screw	30 lbs (135)	6.30" (160)	1.26" (32)	.14" (3.5)	Natural	100
113-00036	T30MR9M4	T30MR		30 lbs (135)	6.30" (160)	1.26" (32)	.14" (3.5)	Natural	1000
113-03010	T30MR0C2	T30MR		30 lbs (135)	6.30" (160)	1.26" (32)	.14" (3.5)	Black	100
113-03011	T30MR0M4	T30MR		30 lbs (135)	6.30" (160)	1.26" (32)	.14" (3.5)	Black	1000
<b>T50MR</b>									
113-05004	T50MR9C2	T50MR	# 10 screw	50 lbs (225)	8.46" (215)	1.77" (45)	.18" (4.6)	Natural	100
113-05007	T50MR9M4	T50MR		50 lbs (225)	8.46" (215)	1.77" (45)	.18" (4.6)	Natural	1000
113-05000	T50MR0C2	T50MR		50 lbs (225)	8.46" (215)	1.77" (45)	.18" (4.6)	Black	100
113-05002	T50MR0M4	T50MR		50 lbs (225)	8.46" (215)	1.77" (45)	.18" (4.6)	Black	1000
<b>T50MI</b>									
113-00032	T50MI9C2	T50MI	# 10 screw	50 lbs (225)	12.40" (315)	3.35" (85)	.19" (4.7)	Natural	100
113-00033	T50MI9M4	T50MI		50 lbs (225)	12.40" (315)	3.35" (85)	.19" (4.7)	Natural	1000
113-00038	T50MI0C2	T50MI		50 lbs (225)	12.40" (315)	3.35" (85)	.19" (4.7)	Black	100
113-00031	T50MI0M4	T50MI		50 lbs (225)	12.40" (315)	3.35" (85)	.19" (4.7)	Black	1000
<b>T50ML</b>									
113-05419	T50ML9C2	T50ML	# 10 screw	50 lbs (225)	15.35" (390)	4.00" (100)	.18" (4.6)	Natural	100
113-05403	T50ML9M4	T50ML		50 lbs (225)	15.35" (390)	4.00" (100)	.18" (4.6)	Natural	1000
113-00007	T50ML0C2	T50ML		50 lbs (225)	15.35" (390)	4.00" (100)	.18" (4.6)	Black	100
113-00035	T50ML0M4	T50ML		50 lbs (225)	15.35" (390)	4.00" (100)	.18" (4.6)	Black	1000
<b>T120MR</b>									
113-12029	T120MR9K2	T120MR	# 1/4" screw	120 lbs (535)	15.55" (395)	4.02" (102)	.30" (7.6)	Natural	50
113-00018	T120MR9H4	T120MR		120 lbs (535)	15.55" (395)	4.02" (102)	.30" (7.6)	Natural	500
113-12020	T120MR0K2	T120MR		120 lbs (535)	15.55" (395)	4.02" (102)	.30" (7.6)	Black	50
113-00011	T120MR0H4	T120MR		120 lbs (535)	15.55" (395)	4.02" (102)	.30" (7.6)	Black	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

Screw Mount Ties With Metal Bushing

Product Selection

Article No.	Part No.	Type	Mounting	Min. Tensile Strength lbs. (N)	Length (L) in. (mm)	Max. Ø Bundle in. (mm)	Width (W) in. (mm)	Color	Pkg. Qty.
<b>T50MRT</b>									
113-05101	T50MRT9C2	T50MRT	#6-32 tap thru screw	50 lbs (225)	8.47" (215)	1.77" (45)	.19" (4.7)	Natural	100
113-05102	T50MRT9M4	T50MRT		50 lbs (225)	8.47" (215)	1.77" (45)	.19" (4.7)	Natural	1000
113-05100	T50MRT0C2	T50MRT		50 lbs (225)	8.47" (215)	1.77" (45)	.19" (4.7)	Black	100
113-00037	T50MRT0M4	T50MRT		50 lbs (225)	8.47" (215)	1.77" (45)	.19" (4.7)	Black	1000

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Clamp Ties

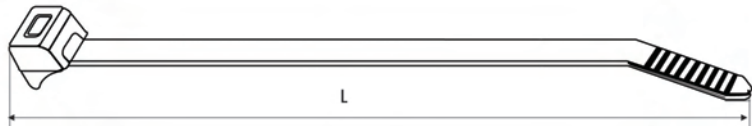
The clamp tie has triangular shaped tabs extending beneath the head, allowing for optimal surface contact and complete circumferential compression to 360 degrees. The clamps are recommended for soft rubber hose applications including fuel, water, and air vacuum lines.



Material Data	
Color	Natural
Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



Material Data	
Color	Black
Material	Polyamide 6.6 heat stabilized (PA66HS)
Operating Temperature	-40 °F to +221 °F (-40 °C to +105 °C) continuous
Flammability	UL94 V2

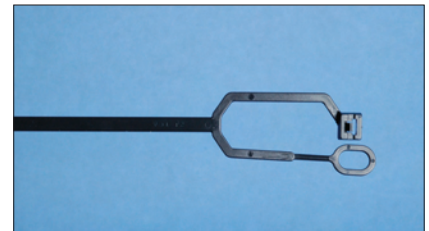


Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
<b>CTT20R</b>								
112-51919	<b>CTT20R9C2</b>	CTT20R	20 lbs (90)	4" (100)	.50" (13)	.10" (2.5)	Natural	100
112-51904	<b>CTT20R9M4</b>	CTT20R	20 lbs (90)	4" (100)	.50" (13)	.10" (2.5)		1000
112-51905	<b>CTT20R0HSC2</b>	CTT20R	20 lbs (90)	4" (100)	.50" (13)	.10" (2.5)	Black	100
112-51960	<b>CTT20R0HSM4</b>	CTT20R	20 lbs (90)	4" (100)	.50" (13)	.10" (2.5)		1000
<b>CTT60R</b>								
112-52104	<b>CTT60R9C2</b>	CTT60R	60 lbs (265)	8" (205)	1.77" (45)	.19" (4.7)	Natural	100
112-52106	<b>CTT60R9M4</b>	CTT60R	60 lbs (265)	8" (205)	1.77" (45)	.19" (4.7)		1000
112-52112	<b>CTT60R0HSC2</b>	CTT60R	60 lbs (265)	8" (205)	1.77" (45)	.19" (4.7)	Black	100
112-52114	<b>CTT60R0HSM4</b>	CTT60R	60 lbs (265)	8" (205)	1.77" (45)	.19" (4.7)		1000

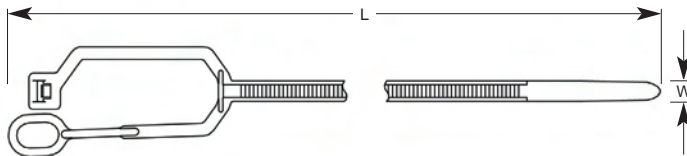
Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Branch Cable Tie

The branch tie is ideal for wire harness applications where wires “branch” away from the main assembly. The branch tie reduces wire harness assembly time by eliminating the need to use electrical tape. After the tie is placed on the main assembly, the strap is inserted through the oval opening and then through the cable tie head. Once applied, the branch tie holds the branch in its proper position on the wire harness.



Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Product Selection		Type	Main Bundle Ø		Branch Bundle Ø		Min. Tensile Strength		Length (L)		Width (W)		Color	Pkg. Qty.
Article No.	Part No.		in.	(mm)	in.	(mm)	lbs.	(N)	in.	(mm)	in.	(mm)		
115-00042	<b>115-00042</b>	YT200	.63" – 1.57"	(16 - 40)	.59" – 1.18"	(15 - 30)	33 lbs	(147)	7.87"	(200)	.18"	(4.7)	Black	100

Installation tools -MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Kabelrap Bundling System

The patented Kabelrap bundling system offers a very high bundling strength and is particularly resistant to saltwater, oils, greases, and hydraulic fluids. Special hand tool required for installation.

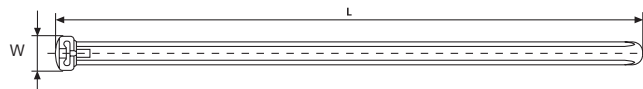


Required Tool - 121-00680



Kabelrap Application

Material Data	
Material	<b>Polyamide 6.6 UV-resistant (PA66UV)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



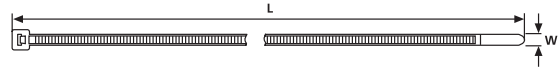
Product Selection		Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
Article No.	Part No.		lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
121-61860	<b>121-61860</b>	KR6/18	110 lbs	(490)	7.25"	(183)	1.5"	(39)	.24"	(6)	Black	50
121-63560	<b>121-63560</b>	KR6/35	110 lbs	(490)	14"	(356)	3.75"	(93)	.25"	(6)	Black	50
121-82160	<b>121-82160</b>	KR8/21	175 lbs	(785)	8.25"	(210)	1.75"	(47)	.31"	(8)	Black	50
121-83360	<b>121-83360</b>	KR8/33	175 lbs	(785)	13.25"	(337)	3.37"	(86)	.31"	(8)	Black	50

Required Installation Tool - 121-00680. Black is the standard color. Natural is available based upon minimums, custom terms and lead times. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Standard Cable Ties

### T18 - T30 Series - Natural and Black

Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



File# E64139

File# E64139

#### Product Selection

Article No.	Part No.	Type	US Gov. Designation	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
				lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
<b>T18S</b>													
111-02805	<b>T18S9C2</b>	T18S	MS3367-4-9	18 lbs	(80)	3.27"	(83)	.63"	(16)	.09"	(2.3)	Natural	100
111-02809	<b>T18S9M4</b>	T18S	MS3367-4-9	18 lbs	(80)	3.27"	(83)	.63"	(16)	.09"	(2.3)		1000
111-02810	<b>T18S0C2</b>	T18S	*	18 lbs	(80)	3.27"	(83)	.63"	(16)	.09"	(2.3)	Black	100
111-02811	<b>T18S0M4</b>	T18S	*	18 lbs	(80)	3.27"	(83)	.63"	(16)	.09"	(2.3)		1000
<b>T18R</b>													
112-01819	<b>T18R9C2</b>	T18R	MS3367-4-9	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Natural	100
111-01872	<b>T18R9M4</b>	T18R	MS3367-4-9	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		1000
111-00405	<b>T18R0C2</b>	T18R	*	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Black	100
111-01841	<b>T18R0M4</b>	T18R	*	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)		1000
<b>T18I</b>													
111-02311	<b>T18I9C2</b>	T18I	-	18 lbs	(80)	5.51"	(140)	1.38"	(35)	.10"	(2.5)	Natural	100
111-02322	<b>T18I9M4</b>	T18I	-	18 lbs	(80)	5.51"	(140)	1.38"	(35)	.10"	(2.5)		1000
111-02308	<b>T18I0C2</b>	T18I	-	18 lbs	(80)	5.51"	(140)	1.38"	(35)	.10"	(2.5)	Black	100
111-02315	<b>T18I0M4</b>	T18I	-	18 lbs	(80)	5.51"	(140)	1.38"	(35)	.10"	(2.5)		1000
<b>T18L</b>													
111-02189	<b>T18L9C2</b>	T18L	-	18 lbs	(80)	8.0"	(205)	2.17"	(55)	.10"	(2.5)	Natural	100
111-02026	<b>T18L9M4</b>	T18L	-	18 lbs	(80)	8.0"	(205)	2.17"	(55)	.10"	(2.5)		1000
111-00401	<b>T18L0C2</b>	T18L	-	18 lbs	(80)	8.0"	(205)	2.17"	(55)	.10"	(2.5)	Black	100
111-02015	<b>T18L0M4</b>	T18L	-	18 lbs	(80)	8.0"	(205)	2.17"	(55)	.10"	(2.5)		1000
<b>T30R</b>													
112-03019	<b>T30R9C2</b>	T30R	MS3367-5-9	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Natural	100
111-03047	<b>T30R9M4</b>	T30R	MS3367-5-9	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		1000
111-00438	<b>T30R0C2</b>	T30R	*	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Black	100
111-03034	<b>T30R0M4</b>	T30R	*	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)		1000
<b>T30L</b>													
111-03325	<b>T30L9C2</b>	T30L	-	30 lbs	(135)	7.48"	(190)	1.97"	(50)	.14"	(3.5)	Natural	100
111-03327	<b>T30L9M4</b>	T30L	-	30 lbs	(135)	7.48"	(190)	1.97"	(50)	.14"	(3.5)		1000
111-03313	<b>T30L0C2</b>	T30L	-	30 lbs	(135)	7.48"	(190)	1.97"	(50)	.14"	(3.5)	Black	100
111-03315	<b>T30L0M4</b>	T30L	-	30 lbs	(135)	7.48"	(190)	1.97"	(50)	.14"	(3.5)		1000
<b>T30LL</b>													
111-03515	<b>T30LL9C2</b>	T30LL	-	30 lbs	(135)	11.42"	(290)	3.15"	(80)	.14"	(3.5)	Natural	100
111-03517	<b>T30LL9M4</b>	T30LL	-	30 lbs	(135)	11.42"	(290)	3.15"	(80)	.14"	(3.5)		1000
111-03501	<b>T30LL0C2</b>	T30LL	-	30 lbs	(135)	11.42"	(290)	3.15"	(80)	.14"	(3.5)	Black	100
111-03511	<b>T30LL0M4</b>	T30LL	-	30 lbs	(135)	11.42"	(290)	3.15"	(80)	.14"	(3.5)		1000
<b>T30XL</b>													
111-02900	<b>T30XL9C2</b>	T30XL	MS3367-5-9	30 lbs	(135)	14.37"	(365)	4.13"	(105)	.14"	(3.5)	Natural	100
111-02907	<b>T30XL9M4</b>	T30XL	MS3367-5-9	30 lbs	(135)	14.37"	(365)	4.13"	(105)	.14"	(3.5)		1000
111-02901	<b>T30XL0C2</b>	T30XL	*	30 lbs	(135)	14.37"	(365)	4.13"	(105)	.14"	(3.5)	Black	100
111-02903	<b>T30XL0M4</b>	T30XL	*	30 lbs	(135)	14.37"	(365)	4.13"	(105)	.14"	(3.5)		1000

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. MK9 and MK9P cannot be used with T18S cable ties.

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

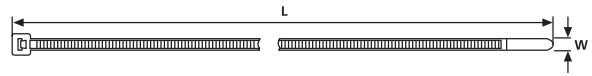
\* Military black available. Contact HellermannTyton for more information.



## Standard Cable Ties

### T40 - T50 Series - Natural and Black

Material Data	
Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



File# E64139



File# E64139

#### Product Selection

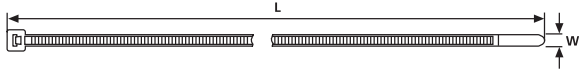
Article No.	Part No.	Type	US Gov. Designation	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
				lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
<b>T40R</b>													
112-04019	<b>T40R9C2</b>	T40R(U)	–	40 lbs	(180)	8.27"	(210)	2.16"	(55)	.16"	(4.0)	Natural	100
111-04131	<b>T40R9M4</b>	T40R(U)	–	40 lbs	(180)	8.27"	(210)	2.16"	(55)	.16"	(4.0)		1000
112-04060	<b>T40R0C2</b>	T40R(U)	–	40 lbs	(180)	8.27"	(210)	2.16"	(55)	.16"	(4.0)	Black	100
111-04122	<b>T40R0M4</b>	T40R(U)	–	40 lbs	(180)	8.27"	(210)	2.16"	(55)	.16"	(4.0)		1000
<b>T40I</b>													
111-04609	<b>T40I9C2</b>	T40I	–	40 lbs	(180)	11.42"	(290)	3.15"	(80)	.16"	(4.0)	Natural	100
111-04612	<b>T40I9M4</b>	T40I	–	40 lbs	(180)	11.42"	(290)	3.15"	(80)	.16"	(4.0)		1000
111-04600	<b>T40I0C2</b>	T40I	–	40 lbs	(180)	11.42"	(290)	3.15"	(80)	.16"	(4.0)	Black	100
111-04604	<b>T40I0M4</b>	T40I	–	40 lbs	(180)	11.42"	(290)	3.15"	(80)	.16"	(4.0)		1000
<b>T40L</b>													
111-04300	<b>T40L9C2</b>	T40L	–	40 lbs	(180)	14.4"	(365)	4.13"	(105)	.16"	(4.0)	Natural	100
111-04311	<b>T40L9M4</b>	T40L	–	40 lbs	(180)	14.4"	(365)	4.13"	(105)	.16"	(4.0)		1000
111-04301	<b>T40L0C2</b>	T40L	–	40 lbs	(180)	14.4"	(365)	4.13"	(105)	.16"	(4.0)	Black	100
111-04305	<b>T40L0M4</b>	T40L	–	40 lbs	(180)	14.4"	(365)	4.13"	(105)	.16"	(4.0)		1000
<b>T50S</b>													
111-05811	<b>T50S9C2</b>	T50S	–	50 lbs	(225)	5.9"	(150)	1.38"	(35)	.18"	(4.6)	Natural	100
111-05813	<b>T50S9M4</b>	T50S	–	50 lbs	(225)	5.9"	(150)	1.38"	(35)	.18"	(4.6)		1000
111-05806	<b>T50S0C2</b>	T50S	–	50 lbs	(225)	5.9"	(150)	1.38"	(35)	.18"	(4.6)	Black	100
111-05808	<b>T50S0M4</b>	T50S	–	50 lbs	(225)	5.9"	(150)	1.38"	(35)	.18"	(4.6)		1000
<b>T50R</b>													
112-05019	<b>T50R9C2</b>	T50R	MS3367-1-9	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Natural	100
111-04862	<b>T50R9M4</b>	T50R	MS3367-1-9	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
111-04878	<b>T50R0C2</b>	T50R	*	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Black	100
111-04846	<b>T50R0M4</b>	T50R	*	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)		1000
<b>T50I</b>													
112-05219	<b>T50I9C2</b>	T50I	MS3367-7-9	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)	Natural	100
111-05230	<b>T50I9M4</b>	T50I	MS3367-7-9	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)		1000
111-00444	<b>T50I0C2</b>	T50I	*	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)	Black	100
111-05216	<b>T50I0M4</b>	T50I	*	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)		1000
<b>T50L</b>													
112-05419	<b>T50L9C2</b>	T50L	MS3367-2-9	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Natural	100
111-05449	<b>T50L9M4</b>	T50L	MS3367-2-9	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000
111-00445	<b>T50L0C2</b>	T50L	*	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Black	100
111-00504	<b>T50L0M4</b>	T50L	*	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)		1000

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes.

Use **Part No.** for ordering and **Type** for specification purposes.

\* Military black available. Contact HellermannTyton for more information.

### Heavy Duty Cable Ties



Material Data	
Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



### T120 Series



File# E64139

File# E64139

Product Selection													
Article No.	Part No.	Type	US Gov. Designation	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)	Color	Pkg. Qty.	
				lbs.	(N)	in.	(mm)	in.	(mm)				in.
<b>T120S</b>													
111-12819	<b>T120S9K2</b>	T120S	-	120 lbs	(535)	8.85"	(225)	2.17"	(55)	.30"	(7.6)	Natural	50
111-12813	<b>T120S9H4</b>	T120S	-	120 lbs	(535)	8.85"	(225)	2.17"	(55)	.30"	(7.6)	Natural	500
111-12803	<b>T120S0K2</b>	T120S	-	120 lbs	(535)	8.85"	(225)	2.17"	(55)	.30"	(7.6)	Black	50
111-12808	<b>T120S0H4</b>	T120S	-	120 lbs	(535)	8.85"	(225)	2.17"	(55)	.30"	(7.6)	Black	500
<b>T120I</b>													
111-12211	<b>T120I9K2</b>	T120I	-	120 lbs	(535)	11.81"	(300)	3.15"	(80)	.30"	(7.6)	Natural	50
111-12213	<b>T120I9H4</b>	T120I	-	120 lbs	(535)	11.81"	(300)	3.15"	(80)	.30"	(7.6)	Natural	500
111-12201	<b>T120I0K2</b>	T120I	-	120 lbs	(535)	11.81"	(300)	3.15"	(80)	.30"	(7.6)	Black	50
111-12206	<b>T120I0H4</b>	T120I	-	120 lbs	(535)	11.81"	(300)	3.15"	(80)	.30"	(7.6)	Black	500
<b>T120R</b>													
112-12019	<b>T120R9K2</b>	T120R	MS3367-3-9	120 lbs	(535)	15.24"	(387)	4.13"	(105)	.30"	(7.6)	Natural	50
111-12036	<b>T120R9H4</b>	T120R	MS3367-3-9	120 lbs	(535)	15.24"	(387)	4.13"	(105)	.30"	(7.6)	Natural	500
112-12060	<b>T120R0K2</b>	T120R	*	120 lbs	(535)	15.24"	(390)	4.13"	(105)	.30"	(7.6)	Black	50
111-12013	<b>T120R0H4</b>	T120R	*	120 lbs	(535)	15.24"	(387)	4.13"	(105)	.30"	(7.6)	Black	500
<b>T120L</b>													
111-12419	<b>T120L9K2</b>	T120L	MS3367-6-9	120 lbs	(535)	30.0"	(760)	8.85"	(225)	.30"	(7.6)	Natural	50
111-12405	<b>T120L0K2</b>	T120L	*	120 lbs	(535)	30.0"	(760)	8.85"	(225)	.30"	(7.6)	Black	50

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes. \*Military black available. Contact HellaermannTyton for more information.

### T150 Series



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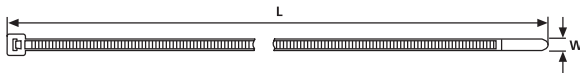
Product Selection													
Article No.	Part No.	Type	US Gov. Designation	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)	Color	Pkg. Qty.	
				lbs.	(N)	in.	(mm)	in.	(mm)				in.
<b>T150R</b>													
111-15203	<b>T150R9X2</b>	T150R(U)	-	175 lbs	(780)	15.35"	(390)	4.13"	(105)	.35"	(8.8)	Natural	25
111-15200	<b>T150R0X2</b>	T150R(U)	-	175 lbs	(780)	15.35"	(390)	4.13"	(105)	.35"	(8.8)	Black	25
<b>T150M</b>													
111-15619	<b>T150M9X2</b>	T150M	-	175 lbs	(780)	21.00"	(530)	5.91"	(150)	.35"	(8.9)	Natural	25
111-00124	<b>T150M0X2</b>	T150M	-	175 lbs	(780)	21.00"	(530)	5.91"	(150)	.35"	(8.9)	Black	25
<b>T150L</b>													
111-15419	<b>T150L9X2</b>	T150L	-	175 lbs	(780)	32.28"	(820)	9.65"	(245)	.35"	(8.9)	Natural	25
111-15405	<b>T150L0X2</b>	T150L	-	175 lbs	(780)	32.28"	(820)	9.65"	(245)	.35"	(8.9)	Black	25
<b>T150LL</b>													
111-15719	<b>T150LL9X2</b>	T150LL	-	175 lbs	(780)	36.42"	(925)	10.83"	(275)	.35"	(8.9)	Natural	25
111-15700	<b>T150LL0X2</b>	T150LL	-	175 lbs	(780)	36.42"	(925)	10.83"	(275)	.35"	(8.9)	Black	25
<b>T150XL</b>													
111-15519	<b>T150XL9X2</b>	T150XL	-	175 lbs	(780)	43.11"	(1095)	13.00"	(330)	.35"	(8.9)	Natural	25
111-15500	<b>T150XL0X2</b>	T150XL	-	175 lbs	(780)	43.11"	(1095)	13.00"	(330)	.35"	(8.9)	Black	25
<b>T150XLL</b>													
111-15304	<b>T150XLL9X2</b>	T150XLL	-	175 lbs	(780)	52.17"	(1325)	15.95"	(405)	.35"	(8.9)	Natural	25
111-15300	<b>T150XLL0X2</b>	T150XLL	-	175 lbs	(780)	52.17"	(1325)	15.95"	(405)	.35"	(8.9)	Black	25

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Standard Cable Ties- Specialty Materials T18 - T120 Series - Heat Stabilized

HellermannTyton's heat stabilized cable ties provide excellent resistance when exposed to high heat applications.

Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>




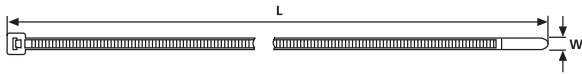
Product Selection		Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
Article No.	Part No.		lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
<b>T18S</b>												
111-02815	<b>T18S0HSM4</b>	T18S	18 lbs	(80)	3.27"	(83)	.63"	(16)	.09"	(2.3)	Black	1000
<b>T18R</b>												
111-01905	<b>T18R0HSC2</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Black	100
111-00476	<b>T18R0HSM4</b>	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Black	1000
<b>T18I</b>												
111-02305	<b>T18I0HSM4</b>	T18I	18 lbs	(80)	5.5"	(140)	1.38"	(35)	.10"	(2.5)	Black	1000
<b>T18L</b>												
111-00403	<b>T18L0HSC2</b>	T18L	18 lbs	(80)	8.0"	(205)	2.17"	(55)	.10"	(2.5)	Black	100
111-00404	<b>T18L0HSM4</b>	T18L	18 lbs	(80)	8.0"	(205)	2.17"	(55)	.10"	(2.5)	Black	1000
<b>T30R</b>												
111-03067	<b>T30R0HSC2</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Black	100
111-03068	<b>T30R0HSM4</b>	T30R	30 lbs	(135)	5.9"	(150)	1.38"	(35)	.14"	(3.5)	Black	1000
<b>T50R</b>												
111-04900	<b>T50R0HSC2</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Black	100
111-04901	<b>T50R0HSM4</b>	T50R	50 lbs	(225)	7.9"	(200)	1.97"	(50)	.18"	(4.6)	Black	1000
<b>T50I</b>												
111-05248	<b>T50I0HSC2</b>	T50I	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)	Black	100
111-05251	<b>T50I0HSM4</b>	T50I	50 lbs	(225)	11.8"	(300)	3.35"	(85)	.18"	(4.6)	Black	1000
<b>T50L</b>												
111-05470	<b>T50L0HSC2</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Black	100
111-05471	<b>T50L0HSM4</b>	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.18"	(4.6)	Black	1000
<b>T120R</b>												
111-12061	<b>T120R0HSK2</b>	T120R	120 lbs	(535)	15.24"	(387)	4.13"	(105)	.30"	(7.6)	Black	50
111-12058	<b>T120R0HSH4</b>	T120R	120 lbs	(535)	15.24"	(387)	4.13"	(105)	.30"	(7.6)	Black	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. MK9, MK9HT, and MK9P tools cannot be used with T18S cable ties. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Standard Cable Ties- Specialty Materials T18 -T50 Series - Flame Retardant

HellermannTyton's flame retardant cable ties meet the UL 94V0 flammability requirements.

Material Data	
Material	Polyamide 6.6 V0 (PA66V0)
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V0

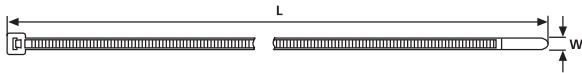
Product Selection		Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
Article No.	Part No.		lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
<b>T18R</b>												
111-01834	T18R9VOC2	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	White	100
111-01835	T18R9VOM4	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	White	1000
111-01833	T18R0VOC2	T18R	18 lbs	(80)	4"	(100)	.87"	(22)	.10"	(2.5)	Black	100
<b>T18I</b>												
111-02304	T18I9VOM4	T18I	18 lbs	(80)	5.5"	(144)	1.38"	(35)	.10"	(2.5)	White	1000
<b>T18L</b>												
111-02045	T18L9VOC2	T18L	18 lbs	(80)	7.95"	(202)	2.17"	(55)	.10"	(2.5)	White	100
111-02046	T18L9VOM4	T18L	18 lbs	(80)	7.95"	(202)	2.17"	(55)	.10"	(2.5)	White	1000
111-02044	T18L0VOC2	T18L	18 lbs	(80)	7.95"	(202)	2.17"	(55)	.10"	(2.5)	Black	100
<b>T30R</b>												
111-03073	T30R9VOC2	T30R	30 lbs	(135)	5.83"	(148)	1.38"	(35)	.14"	(3.6)	White	100
111-03074	T30R9VOM4	T30R	30 lbs	(135)	5.83"	(148)	1.38"	(35)	.14"	(3.6)	White	1000
111-03072	T30R0VOC2	T30R	30 lbs	(135)	5.83"	(148)	1.38"	(35)	.14"	(3.6)	Black	100
<b>T50R</b>												
111-04909	T50R9VOC2	T50R	50 lbs	(225)	7.95"	(202)	1.97"	(50)	.18"	(4.6)	White	100
111-04911	T50R9VOM4	T50R	50 lbs	(225)	7.95"	(202)	1.97"	(50)	.18"	(4.6)	White	1000
111-04887	T50R0VOC2	T50R	50 lbs	(225)	7.95"	(202)	1.97"	(50)	.18"	(4.6)	Black	100
111-04908	T50R0VOM4	T50R	50 lbs	(225)	7.95"	(202)	1.97"	(50)	.18"	(4.6)	Black	1000
<b>T50I</b>												
111-05254	T50I9VOC2	T50I	50 lbs	(225)	11.82"	(300)	3.35"	(85)	.18"	(4.6)	White	100
111-05255	T50I9VOM4	T50I	50 lbs	(225)	11.82"	(300)	3.35"	(85)	.18"	(4.6)	White	1000
111-05258	T50I0VOC2	T50I	50 lbs	(225)	11.82"	(300)	3.35"	(85)	.18"	(4.6)	Black	100
<b>T50L</b>												
111-05438	T50L9VOC2	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.19"	(4.7)	White	100
111-05476	T50L9VOM4	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.19"	(4.7)	White	1000
111-05475	T50L0VOC2	T50L	50 lbs	(225)	15.35"	(390)	4.33"	(110)	.19"	(4.7)	Black	100

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Standard Cable Ties- Specialty Materials T18 - T120 Series - Polypropylene

HellermannTyton's polypropylene cable ties offer added resistance to most chemicals.

Material Data	
Material	<b>Polypropylene (PP)</b>
Operating Temperature	<b>-40 °F to +239 °F (-40 °C to +115 °C) continuous</b>
Flammability	<b>UL94 HB</b>



Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
<b>T18R</b>								
111-01921	<b>T18R9PPC2</b>	T18R	11 lbs (49)	4" (100)	.75" (19)	.10" (2.5)	Natural	100
111-01922	<b>T18R9PPM4</b>	T18R	11 lbs (49)	4" (100)	.75" (19)	.10" (2.5)	Natural	1000
111-01917	<b>T18R0PPC2</b>	T18R	11 lbs (49)	4" (100)	.75" (19)	.10" (2.5)	Black	100
111-01918	<b>T18R0PPM4</b>	T18R	11 lbs (49)	4" (100)	.75" (19)	.10" (2.5)	Black	1000
<b>T30R</b>								
111-03017	<b>T30R9PPC2</b>	T30R	20 lbs (89)	5.83" (148)	1.26" (32)	.14" (3.6)	Natural	100
<b>T50R</b>								
111-04931	<b>T50R9PPC2</b>	T50R	30 lbs (133)	8.0" (203.8)	1.75" (44.5)	.19" (4.7)	Natural	100
111-04928	<b>T50R0PPC2</b>	T50R	30 lbs (133)	8.0" (203.8)	1.75" (44.5)	.19" (4.7)	Black	100
111-04929	<b>T50R0PPM4</b>	T50R	30 lbs (133)	8.0" (203.8)	1.75" (44.5)	.19" (4.7)	Black	1000
<b>T50I</b>								
111-05262	<b>T50I9PPM4</b>	T50I	30 lbs (133)	11.8" (300)	3.35" (85)	.18" (4.6)	Natural	1000
<b>T120R</b>								
111-12067	<b>T120R0PPK2</b>	T120R	60 lbs (267)	15.35" (390)	4.13" (105)	.30" (7.6)	Black	50
111-12066	<b>T120R0PPH4</b>	T120R	60 lbs (267)	15.35" (390)	4.13" (105)	.30" (7.6)	Black	500

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

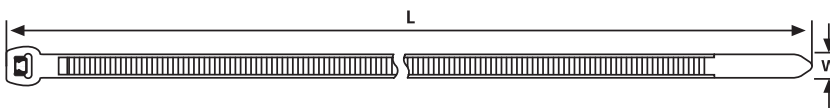
## PEEK Tie For High Temperature Applications

HellermannTyton's high performance PEEK cable tie withstands temperatures up to +500°F (+260°C). The PEEK tie is also highly resistant to chemicals. The contoured head makes the tie ideal for space restricted areas and the outside serrations minimize any damage to the cable insulation.



The contoured head takes up less space, gives a low insertion force, and offers high strength.

Material Data	
Material	<b>Polyetheretherketone (PEEK)</b>
Operating Temperature	<b>-67 °F to +500 °F (-55 °C to +260 °C)</b> <b>continuous</b>
Flammability	<b>UL94 V0</b>



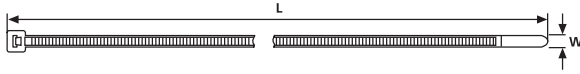
The head design of PEEK Ties

Product Selection									
Article No.	Part No.	Type	Length (L)	Width (W)	Min. Ø Bundle	Max. Ø Bundle	Min. Tensile Strength	Color	Pkg. Qty.
			lbs. (N)	lbs. (N)	lbs. (N)	lbs. (N)	lbs. (N)		
118-00032	<b>118-00032</b>	PT2A	5.7 (145)	.13 (3.4)	.06 (1.6)	1.38 (35)	52 lbs (230)	Brown	100

Installation tools - MK7, MK7P. Use **Part No.** for ordering and **Type** for specification purposes.

### Tefzel® Cable Ties

Tefzel ties provide excellent protection against radiation, ultraviolet light, and a wide range of chemicals. They are also rated for low outgassing applications. HellermannTyton's Tefzel ties come in a standard color of blue for easy identification.



Material Data	
Material	<b>Ethylentetrafluorethylene - Tefzel (E/TFE)</b>
Operating Temperature	<b>-112 °F to +302 °F (-80 °C to +150 °C) continuous</b>
Flammability	<b>UL94 V0</b>



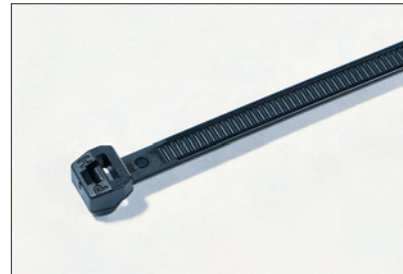
#### Product Selection

Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)	Color	Pkg. Qty.	
			lbs.	(N)	in.	(mm)	in.	(mm)				in.
111-01923	<b>T18R6TZC2</b>	T18R(U)	9.0 lbs	(40)	4"	(100)	.87"	(22)	.10"	(2.5)	Blue	100
111-01924	<b>T18R6TZM4</b>	T18R(U)	9.0 lbs	(40)	4"	(100)	.87"	(22)	.10"	(2.5)	Blue	1000
111-05026	<b>T50R6TZC2</b>	T50R(U)	35.5 lbs	(158)	8"	(200)	1.75"	(50)	.18"	(4.6)	Blue	100
111-04933	<b>T50R6TZM4</b>	T50R(U)	35.5 lbs	(158)	8"	(200)	1.75"	(50)	.18"	(4.6)	Blue	1000
111-12026	<b>T120R6TZK2</b>	T120R	70 lbs	(311)	15"	(380)	4.0"	(100)	.30"	(7.6)	Blue	50

Tefzel is a registered trademark of E.I. DuPont Corporation. Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

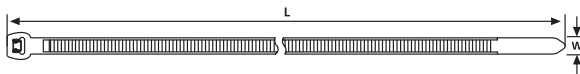
### Outside Serrated Cable Ties

The outside serrated cable ties are for specific applications where thin walled or soft insulation is used (such as in aircraft, trains, etc.) and for applications that are very sensitive to the amount of force applied to the cable.



Outside serrated cable ties are also available in natural. Contact HellermannTyton for more information.

Material Data	
Material	<b>Polyamide 6.6 heat stabilized (PA66HS)</b>
Operating Temperature	<b>-40 °F to +221 °F (-40 °C to +105 °C) continuous</b>
Flammability	<b>UL94 V2</b>



#### Product Selection

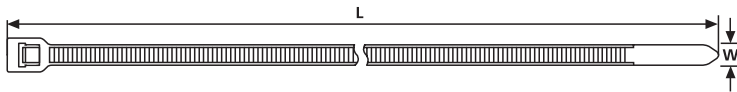
Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)	Color	Pkg. Qty.	
			lbs.	(N)	in.	(mm)	in.	(mm)				in.
118-04700	<b>118-04700</b>	T18ROS	18 lbs	(80)	3.94"	(100)	.79"	(20)	.10"	(2.5)	Black	100
118-04800	<b>118-04800</b>	T30ROS	30 lbs	(135)	5.71"	(145)	1.34"	(35)	.13"	(3.4)	Black	100
118-04900	<b>118-04900</b>	T30LOS	30 lbs	(135)	7.87"	(200)	2.0"	(50)	.13"	(3.4)	Black	100
118-05850	<b>118-05850</b>	T50SOS	50 lbs	(225)	5.9"	(150)	1.38"	(35)	.18"	(4.6)	Black	100
118-05050	<b>118-05050</b>	T50ROS	50 lbs	(225)	8"	(200)	1.95"	(50)	.18"	(4.6)	Black	100
118-05900	<b>118-05900</b>	T50LOS	50 lbs	(225)	15"	(384)	4.29"	(110)	.18"	(4.6)	Black	100

Installation tools - MK7, MK7HT, MK7P, MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Releasable Ties

The extended pawl allows for simple and quick release of the ties. Perfect for prototype construction and service requiring the addition of wires on existing harnesses.

Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F</b> <b>(-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



RT40R



RT50S and RT50LL



File# E64139

Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
<b>RT40R</b>								
115-06219	<b>RT40R9C2</b>	RT40R	40 lbs (80)	8.46" (215)	2.0" (51)	.16" (4.0)	Natural	100
115-06204	<b>RT40R9M4</b>	RT40R	40 lbs (80)	8.46" (215)	2.0" (51)	.16" (4.0)		1000
115-06200	<b>RT40R0C2</b>	RT40R	40 lbs (80)	8.46" (215)	2.0" (51)	.16" (4.0)	Black	100
115-06202	<b>RT40R0M4</b>	RT40R	40 lbs (80)	8.46" (215)	2.0" (51)	.16" (4.0)		1000
<b>RT50S</b>								
115-06319	<b>RT50S9C2</b>	RT50S	50 lbs (225)	6.5" (165)	1.38" (35)	.18" (4.6)	Natural	100
115-06304	<b>RT50S9M4</b>	RT50S	50 lbs (225)	6.5" (165)	1.38" (35)	.18" (4.6)		1000
115-06300	<b>RT50S0C2</b>	RT50S	50 lbs (225)	6.5" (165)	1.38" (35)	.18" (4.6)	Black	100
115-00035	<b>RT50S0M4</b>	RT50S	50 lbs (225)	6.5" (165)	1.38" (35)	.18" (4.6)		1000
<b>RT50LL</b>								
115-06102	<b>RT50LL9C2</b>	RT50LL	50 lbs (225)	15" (380)	3.98" (101)	.18" (4.6)	Natural	100
115-06104	<b>RT50LL9M4</b>	RT50LL	50 lbs (225)	15" (380)	3.98" (101)	.18" (4.6)		1000
115-00039	<b>RT50LL0C2</b>	RT50LL	50 lbs (225)	15" (380)	3.98" (101)	.18" (4.6)	Black	100
115-06101	<b>RT50LL0M4</b>	RT50LL	50 lbs (225)	15" (380)	3.98" (101)	.18" (4.6)		1000

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

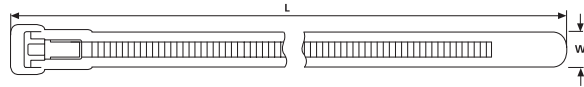


### REL Releasable Ties

Ideal for use in applications where there is the need to repeatedly open and close the tie.



Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Product Selection			Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
Article No.	Part No.	Type	lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
<b>REL50R</b>												
115-00503	<b>REL50R9C2</b>	REL50R	50 lbs	(225)	5.5"	(140)	1.38"	(35)	.29"	(7.4)	Natural	100
115-00505	<b>REL50R9L4</b>	REL50R	50 lbs	(225)	5.5"	(140)	1.38"	(35)	.29"	(7.4)		200
115-00500	<b>REL50R0C2</b>	REL50R	50 lbs	(225)	5.5"	(140)	1.38"	(35)	.29"	(7.4)	Black	100
115-00502	<b>REL50R0L4</b>	REL50R	50 lbs	(225)	5.5"	(140)	1.38"	(35)	.29"	(7.4)		200
<b>REL50L</b>												
115-00605	<b>REL50L9C2</b>	REL50L	50 lbs	(225)	9.84"	(250)	2.76"	(70)	.29"	(7.4)	Natural	100
115-00607	<b>REL50L9L4</b>	REL50L	50 lbs	(225)	9.84"	(250)	2.76"	(70)	.29"	(7.4)		200
115-00600	<b>REL50L0C2</b>	REL50L	50 lbs	(225)	9.84"	(250)	2.76"	(70)	.29"	(7.4)	Black	100
115-00602	<b>REL50L0L4</b>	REL50L	50 lbs	(225)	9.84"	(250)	2.76"	(70)	.29"	(7.4)		200

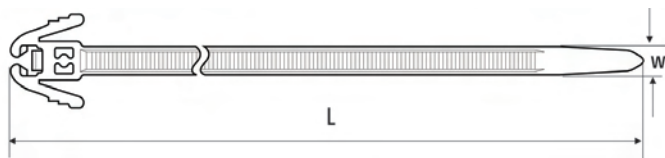
Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Pinch Releasable Ties

Patented pinch release mechanism for easy handling allows tie to be released using one hand.



Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



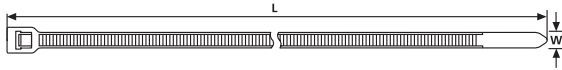
Product Selection			Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		Color	Pkg. Qty.
Article No.	Part No.	Type	lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)		
115-40200	<b>REZ200.NB3P</b>	REZ200	30 lbs	(135)	7.88"	(200)	1.97"	(50)	.19"	(4.7)	Black	100
115-40300	<b>REZ300.NB3P</b>	REZ300	30 lbs	(135)	12.00"	(305)	3.15"	(80)	.19"	(4.7)	Black	100

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## Heavy Duty Releasable Cable Ties

The RT150 and RT250 heavy duty releasable cable ties feature an extended pawl which allows for simple and quick release of the ties.

### RT150 Heavy Duty Releasable Cable Ties



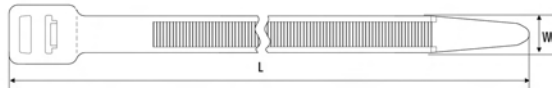
Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
115-00036	<b>RT150REPOX2</b>	RT150REP	175 lbs (780)	15.35" (390)	4" (105)	.346" (8.8)	Black	25
115-00037	<b>RT150MEPOX2</b>	RT150MEP	175 lbs (780)	21.06" (535)	5.90" (150)	.346" (8.8)	Black	25
115-00038	<b>RT150LEPOX2</b>	RT150LEP	175 lbs (780)	32.28" (820)	9.65" (245)	.346" (8.8)	Black	25

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### RT250 Heavy Duty Releasable Cable Ties



Material Data	
Material	<b>Polyamide 6.6 (PA66)</b>
Operating Temperature	<b>-40 °F to +185 °F (-40 °C to +85 °C) continuous</b>
Flammability	<b>UL94 V2</b>



Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
<b>RT250S</b>								
131-75819	<b>RT250S9X2</b>	RT250S	250 lbs (1115)	9.05" (230)	2.17" (55)	.49" (12.5)	Natural	25
115-41800	<b>RT250S0X2</b>	RT250S	250 lbs (1115)	9.05" (230)	2.17" (55)	.49" (12.5)	Black	25
<b>RT250R</b>								
131-75019	<b>RT250R9X2</b>	RT250R	250 lbs (1115)	20.47" (520)	5.71" (145)	.49" (12.5)	Natural	25
115-41300	<b>RT250R0X2</b>	RT250R	250 lbs (1115)	20.47" (520)	5.71" (145)	.49" (12.5)	Black	25
<b>RT250M</b>								
131-75619	<b>RT250M9X2</b>	RT250M	250 lbs (1115)	22.24" (565)	5.90" (150)	.49" (12.5)	Natural	25
131-75610	<b>RT250M0X2</b>	RT250M	250 lbs (1115)	22.24" (565)	5.90" (150)	.49" (12.5)	Black	25
<b>RT250I</b>								
131-75219	<b>RT250I9X2</b>	RT250I	250 lbs (1115)	28.54" (725)	8.00" (203)	.49" (12.5)	Natural	25
115-41401	<b>RT250I0X2</b>	RT250I	250 lbs (1115)	28.54" (725)	8.00" (203)	.49" (12.5)	Black	25
<b>RT250L</b>								
131-75419	<b>RT250L9X2</b>	RT250L	250 lbs (1115)	34.65" (880)	10.00" (254)	.49" (12.5)	Natural	25
115-41500	<b>RT250L0X2</b>	RT250L	250 lbs (1115)	34.65" (880)	10.00" (254)	.49" (12.5)	Black	25
<b>RT250XL</b>								
131-75519	<b>RT250XL9X2</b>	RT250XL	250 lbs (1115)	40" (1016.0)	12" (304.8)	.49" (12.5)	Natural	25
131-75510	<b>RT250XL0X2</b>	RT250XL	250 lbs (1115)	40" (1016.0)	12" (304.8)	.49" (12.5)	Black	25

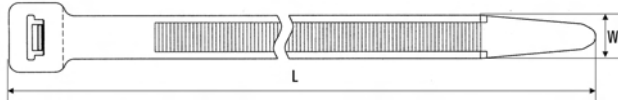
Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.



## Heavy Duty Releasable Cable Ties

### RT255 Heavy Duty Releasable Ties

Material Data	
Material	<b>Polyamide 6.6 impact modified, Heat Stabilized, UV Resistant (PA66HIRHS)</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>



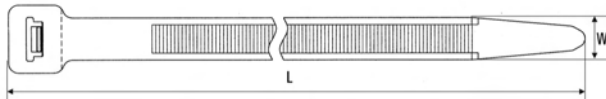
Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
115-01200	<b>RT255S0HIRX2</b>	RT255S	250 lbs (1112)	8.86" (225)	2.16" (55)	.49" (12.5)	Black	25
115-01300	<b>RT255R0HIRX2</b>	RT255R	250 lbs (1112)	20.28" (515)	5.71" (145)	.49" (12.5)	Black	25
115-01400	<b>RT255M0HIRX2</b>	RT255M	250 lbs (1112)	22.05" (560)	6.30" (160)	.49" (12.5)	Black	25

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

## SR255 Heavy Duty Sub-Releasable Ties

The SR255 series releasable heavy duty cable tie offers a release that is lower than the head of the cable tie, facilitating easy installation with the use of a HellermannTyton cable tie tool.

Material Data	
Material	<b>Polyamide 6.6 impact modified, Heat Stabilized, UV Resistant (PA66HIRHS)</b>
Operating Temperature	<b>-40 °F to +230 °F (-40 °C to +110 °C) continuous</b>
Flammability	<b>UL94 HB</b>



Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Color	Pkg. Qty.
Article No.	Part No.	Type						
115-42002	<b>SR255S0HIHSUVX2</b>	SR255S	250 lbs (1112)	8.86" (225)	2.16" (50)	.49" (12.5)	Black	25
115-42101	<b>SR255X0HIHSUVX2</b>	SR255X	250 lbs (1112)	14" (372)	3.94" (100)	.49" (12.5)	Black	25

Installation tools - MK9, MK9HT, MK9P. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

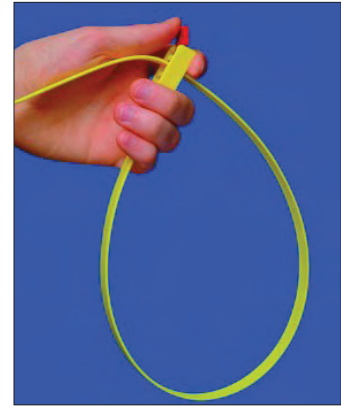
## Speedy Tie

An entirely new design in cable management, the SpeedyTie is a fully re-usable, easily releasable lashing tie. The SpeedyTie's unique design allows it to be released with one hand.

- Just one click to tie and untie
- Fully re-usable
- Once applied, the tail can be neatly tucked away for added safety
- Highly visible yellow color — also available in black, impact modified material
- Versatile design allows use for multiple applications

The SpeedyTie is a versatile tool for countless applications, including:

- In plant transfer of products
- Temporary and secure bundling
- Packaging



SpeedyTie - Quick and easy.

Material Data	
Material	Polyamide 6.6 (PA66)
Color	Yellow , Red
Operating Temperature	-40 °F to +185 °F (-40 °C to +85 °C) continuous
Flammability	UL94 V2



### Packaging Configurations

#### Distributor Packs

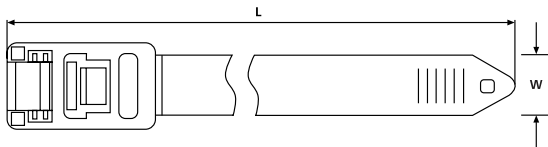
- Printed bag with a hang hole
- Display box
- 60 SpeedyTies - 12 bags of 5

#### OEM Packs

- Plain bag (no hang hole)
- Standard box
- 300 SpeedyTies - 12 bags of 25



Distributor Pack - point of purchase display for the SpeedyTie.



Product Selection			Description	Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Pkg. Qty.	Carton Qty.
Article No.	Part No.	Type		lbs. (N)	in. (mm)	in. (mm)	in. (mm)		
115-00001	RTT750HR.NX900	RTT750HR	Distributor Pack - order in carton qty. only	200 lbs (888)	29.52" (750)	8.27" (210)	.51" (13)	5	60
115-00000	RTT750HR.NX1P	RTT750HR	OEM Pack - order in carton qty. only	200 lbs (888)	29.52" (750)	8.27" (210)	.51" (13)	25	300

Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes.

### Stainless Steel Cable Ties

HellermannTyton's stainless steel ties are designed to secure hoses, cables, poles, pipes, and more when harsh environmental conditions may adversely affect the bundling application. Used where corrosion, vibration, weathering, radiation, and temperature extremes are a concern, HellermannTyton's stainless steel ties can be used in virtually any indoor, outdoor, and underground application.

### MK9SST Stainless Steel Cable Tie Installation Tool

Product Selection					
Article No.	Part No.	Type	Description	Cable Tie Series	Pkg. Qty.
110-95000	<b>MK9SST</b>	MK9SST	Adapted for use with stainless steel ties, the MK9 Stainless Steel tool retains the same design features as the MK9 series. The MK9SST accommodates all HellermannTyton stainless steel ties. Comes standard with padded foam grips for comfort and control and a hook for hanging on a belt or tether.	All MBT Series for both 304 and 316 materials	1

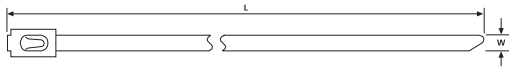
#### 304 Material

Grade 304 material is commonly used for stainless steel bundling applications and suits most general purpose requirements. It features the ability to withstand most environmental conditions, particularly in applications where vibration, general weathering, radiation and temperature extremes are a concern.

- Self locking, ball bearing mechanism for quick and easy installation, either by hand or by tensioning tool
- Fully enclosed head does not allow dirt or grit to interfere with locking mechanism
- High tensile strength option for added strength and safety on heavy duty applications



HellermannTyton's MK9SST tool is durable and lightweight, offering superior stainless steel cable tie installation.



Material Data	
Material	<b>Stainless Steel Type SS304 (SS304)</b>
Operating Temperature	<b>-112 °F to +1000 °F (-80 °C to +538 °C)</b>



Product Selection											
Article No.	Part No.	Type	Min. Tensile Strength		Length (L)		Max. Ø Bundle		Width (W)		
			lbs.	(N)	in.	(mm)	in.	(mm)	in.	(mm)	Pkg. Qty.
<b>150 lb. Stainless Steel Ties</b>											
111-93058	<b>MBT5S-S</b>	MBT5SS	150 lbs	(670)	5.0"	(127)	1"	(25)	.18"	(4.6)	100
111-93088	<b>MBT8S-S</b>	MBT8SS	150 lbs	(670)	7.9"	(201)	2"	(50)	.18"	(4.6)	100
111-93148	<b>MBT14S-S</b>	MBT14SS	150 lbs	(670)	14.3"	(362)	4"	(102)	.18"	(4.6)	100
111-93208	<b>MBT20S-S</b>	MBT20SS	150 lbs	(670)	20.5"	(521)	6"	(152)	.18"	(4.6)	100
111-93278	<b>MBT27S-S</b>	MBT27SS	150 lbs	(670)	26.8"	(681)	8"	(203)	.18"	(4.6)	100
111-93338	<b>MBT33S-S</b>	MBT33SS	150 lbs	(670)	33"	(838)	10"	(254)	.18"	(4.6)	100
<b>250 lb. Stainless Steel Ties</b>											
111-94088	<b>MBT8H-S</b>	MBT8HS	250 lbs	(1115)	7.9"	(201)	2"	(50)	.31"	(7.9)	50
111-94148	<b>MBT14H-S</b>	MBT14HS	250 lbs	(1115)	14.3"	(362)	4"	(102)	.31"	(7.9)	50
111-94208	<b>MBT20H-S</b>	MBT20HS	250 lbs	(1115)	20.5"	(521)	6"	(152)	.31"	(7.9)	50
111-94278	<b>MBT27H-S</b>	MBT27HS	250 lbs	(1115)	26.8"	(681)	8"	(203)	.31"	(7.9)	50
111-94338	<b>MBT33H-S</b>	MBT33HS	250 lbs	(1115)	33"	(838)	10"	(254)	.31"	(7.9)	50

Installation tools for the above cable ties - MK9SST. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes. Stainless steel ties and materials should be tested thoroughly under end use conditions to determine suitability for the application.

## Stainless Steel Cable Ties (continued)

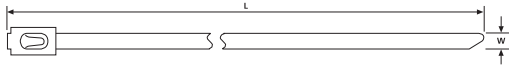
### 316 Material

Grade 316 material is highly resistant to corrosion and widely used in marine environments where chemicals, salts, acids, and temperature extremes may affect the bundling application. MBT stainless steel ties in 316 steel material are also available with a nylon 11 protective coating. This coating creates a barrier and protectant from chemical reactions of dissimilar metals.



- Self locking, ball bearing mechanism for quick and easy installation, either by hand or by tensioning tool
- Fully enclosed head does not allow dirt or grit to interfere with locking mechanism
- High tensile strength option available for added strength and safety on heavy duty applications

Material Data	
Material	Stainless Steel Type SS316 (SS316)
Operating Temperature	-112 °F to +1000 °F (-80 °C to +538 °C)



Product Selection			Min. Tensile Strength	Length (L)	Max. Ø Bundle	Width (W)	Pkg. Qty.
Article No.	Part No.	Type	lbs. (N)	in. (mm)	in. (mm)	in. (mm)	
<b>150 lb. Stainless Steel Ties</b>							
111-93959	<b>MBT5S</b>	MBT5S	150 lbs (670)	5.0" (127)	1.0" (25.4)	.18" (4.6)	100
111-93089	<b>MBT8S</b>	MBT8S	150 lbs (670)	7.9" (201)	2.0" (50)	.18" (4.6)	100
111-93149	<b>MBT14S</b>	MBT14S	150 lbs (670)	14.3" (362)	4.0" (102)	.18" (4.6)	100
111-93209	<b>MBT20S</b>	MBT20S	150 lbs (670)	20.5" (521)	6.0" (152)	.18" (4.6)	100
111-93279	<b>MBT27S</b>	MBT27S	150 lbs (670)	26.8" (681)	8.0" (203)	.18" (4.6)	100
111-93339	<b>MBT33S</b>	MBT33S	150 lbs (670)	33.0" (838)	10.0" (254)	.18" (4.6)	100
<b>250 lb. Stainless Steel Ties</b>							
111-94089	<b>MBT8H</b>	MBT8H	250 lbs (1115)	7.9" (201)	2.0" (50.8)	.31" (7.9)	50
111-94149	<b>MBT14H</b>	MBT14H	250 lbs (1115)	14.3" (362)	4.0" (102)	.31" (7.9)	50
111-94209	<b>MBT20H</b>	MBT20H	250 lbs (1115)	20.5" (521)	6.0" (152)	.31" (7.9)	50
111-94279	<b>MBT27H</b>	MBT27H	250 lbs (1115)	26.8" (681)	8.0" (203)	.31" (7.9)	50
111-94339	<b>MBT33H</b>	MBT33H	250 lbs (1115)	33.0" (838)	10.0" (254)	.31" (7.9)	50

Installation tools for the above cable ties - MK9SST. Dimensions are approximate and subject to technical changes. Use **Part No.** for ordering and **Type** for specification purposes. Stainless steel ties and materials should be tested thoroughly under end use conditions to determine suitability for the application.