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## Tensioning Tools For Use With Nylon Cable Ties

HellermannTyton's cable tie tensioning tools are designed to reduce operator fatigue and speed up assembly. Safety is enhanced as the tool can eliminate the sharp edges of a cut off cable tie. Selecting the correct application tool, used at the correct setting, produces consistent, quality cable tie applications.

### Mark 3

- Used for HellermannTyton cable ties 2.5mm to 4.8mm wide
- Adjustable preset tension device
- Automatic flush cut off for excess tie



### EV07

- Lightweight, durable tool
- Used for HellermannTyton cable ties 2.5mm to 4.8mm wide
- Ergonomic, slip-proof handle for a comfortable and secure grip
- Innovative, patent-pending TCL technology (Tension Lock Cut), providing maximum performance with minimum effort



### Mark 6

- Used for HellermannTyton cable ties 4.8mm to 9mm wide
- Adjustable preset tension device
- Automatic flush cut off for excess tie



### Mark 9

- Two variable tensioning levels
- Used for HellermannTyton cable ties up to 13.5mm wide
- Non-slip handle
- US MIL Specification approved



### Mark 20

- Lightweight and economical
- Squeeze trigger to tension
- Twist to cut
- Used for HellermannTyton ties 2.5 to 4.8mm wide



### Mark 21

- Inexpensive alternative to heavy duty tool
- Used with HellermannTyton ties 4.8 to 7.6mm wide
- Lightweight design lessens operator fatigue
- Simply twist to cut



**NEW: EVO7 Application Tool**

- Manual tensioning tool for cable ties up to 4.8mm wide
- Ergonomic, slip-proof handle for a comfortable and secure grip
- Fast and precise application with minimum effort
- Extended, slim nose for use in narrow spaces
- Convenient and simple tension adjustment
- Durable, lightweight design
- Innovative, patent-pending TCL technology (Tension Lock Cut), providing maximum performance with minimum effort
- Extremely low maintenance



Type	Strap Width max mm	Strap Thickness max.	Weight	Description	Qty	Article No.
EVO7	4.8	1.5	0.275 kg	EVO Tensioning Tool (90mm hand span)	1	110-70129
EVO7SP	4.8	1.5	0.275 kg	EVO Tensioning Tool (80mm hand span)	1	110-70130
BLADEKIT				Blade Replacement Kit	1	110-70106

\* All dimensions in mm subject to technical change



**Perfect cutting made easy with the EVO7**

From precise preliminary settings to the perfect cut, the EVO7 allows for an even lighter, gentler and easier cable tie application than ever before. The patent-pending TLC technology makes all the difference!



*Tension the cable tie as usual. Use the tension adjustment knob to select the desired tension setting. The patent pending locking mechanism detects when the desired tension is reached, locking the tie in place prior to cutting. No manual pressure is required to hold the cable tie in place.*



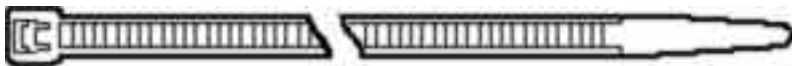
*For the final cut, very little effort is needed. By simply pulling the trigger enough to cut the tie, a precise finish can be achieved without excessive strain on the user.*

### T-Series Cable Ties

- HellermannTyton cable ties - customer specified worldwide
- Injection moulded in virgin grade PA66
- Superior quality, design and manufacture
- Quick, simple fixing by hand or with HellermannTyton tensioning tools
- Products approved to U.S. Military specification 23190 drawing MS3367
- Black or natural as standard
- Other colours available to special order
- Other colours and sizes available - just ask our sales desk



Military Specification Ties - Virgin Grade PA66							
Reference	Overall Length	Strap Width	Minimum Tensile Strength		Recommended Cable Diameter	Tensioning Tool	Pack Qty
	mm	mm	lbs	N	mm		
T18R	100	2.5	18	80	22	MK3/MK20/EV07	100
T18I	140	2.5	18	80	35	MK3/MK20/EV07	100
T18L	205	2.5	18	80	55	MK3/MK20/EV07	100



T30R	150	3.5	30	135	35	MK3/MK20/EV07	100
T30L	190	3.5	30	135	50	MK3/MK20/EV07	100
T30LL	290	3.5	30	135	80	MK3/MK20/EV07	100



T40R	175	4.0	40	180	40	MK3/MK20/EV07	100
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### Recommended Tensioning Tool

#### EV07

- Lightweight, durable tool
- Used for HellermannTyton cable ties 2.5mm to 4.8mm wide
- Ergonomic, slip-proof handle for a comfortable and secure grip
- Innovative, patent-pending TCL technology (Tension Lock Cut), providing maximum performance with minimum effort

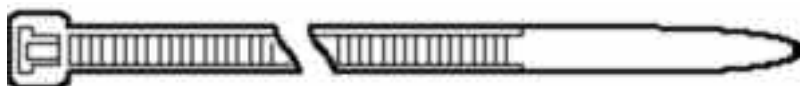


### T-Series Cable Ties

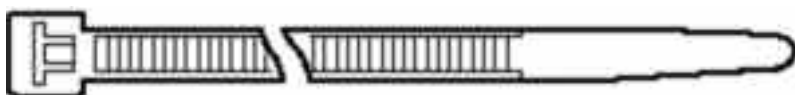
- Lightweight, high strength fixings
- One piece, all plastic construction
- Range of different materials available for high specification environments
- Other sizes available - just ask our sales desk



Military Specification Ties - Virgin Grade PA66							
Reference	Overall Length	Strap Width	Minimum Tensile Strength		Recommended Cable Diameter	Tensioning Tool	Pack Qty
	mm		lbs	N			
T50S	150	4.6	50	225	35	MK3/MK20/EV07	100
T50R	200	4.6	50	225	50	MK3/MK20/EV07	100
T50I	300	4.6	50	225	85	MK3/MK20/EV07	100
T50L	390	4.6	50	225	110	MK3/MK20/EV07	100



T120S	225	7.6	120	535	55	MK6/MK21/MK9	50
T120I	300	7.6	120	535	80	MK6/MK21/MK9	100
T120R	380	7.6	120	535	100	MK6/MK21/MK9	100
T120M	460	7.6	120	535	130	MK6/MK21/MK9	100
T120XM	600	7.6	120	535	175	MK6/MK21/MK9	50
T120L	760	7.6	120	535	225	MK6/MK21/MK9	50



### Recommended Tensioning Tools

#### EV07

- Lightweight, durable tool
- Used for HellermannTyton cable ties 2.5mm to 4.8mm wide
- Ergonomic, slip-proof handle for a comfortable and secure grip
- Innovative, patent-pending TCL technology (Tension Lock Cut), providing maximum performance with minimum effort



#### Mark 9

- Two variable tensioning levels
- Used for HellermannTyton cable ties up to 13.5mm wide
- Non-slip handle
- US MIL Specification approved



### T-Series Cable Ties

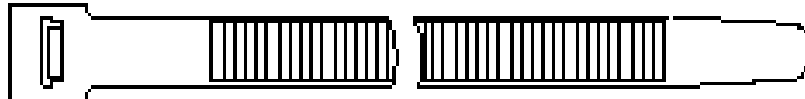
- Easy to fasten by hand
- Very high tensile strength
- Consistent performance and reliability
- Infinitely adjustable throughout bundle range
- High quality application tooling to ease installation
- Black available from stock
- Other sizes available - just ask our sales desk



Military Specification Ties - Virgin Grade PA66							
Reference	Overall Length	Strap Width	Minimum Tensile Strength		Maximum Cable Diameter	Recommended Tensioning Tool	Pack Qty
	mm	mm	lbs	N	mm		
T150L	820	8.9	175	780	245	MK6/MK9/MK21	25
T150XL	1095	8.9	175	780	330	MK6/MK9/MK21	25



T250X	370	12.5	250	1115	100	MK9	100
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### Recommended Tensioning Tools

#### Mark 9

- Two variable tensioning levels
- Used for HellermannTyton cable ties up to 13.5mm wide
- Non-slip handle
- US MIL Specification approved



### Q-Series Cable Ties

The Q-tie is a unique and innovative product for bundling and fixing cables for a wide range of applications. It is available in various colours and materials. The innovative design of the open head tie provides an easy insertion even under difficult circumstances.



#### Features

Q-tie is the perfect solution for applications under difficult working conditions. It is designed for use in application where working with gloves is necessary or for blind applications with a limited view on the work.

Due to several simultaneous working processes, it is not always possible to install all cables and conduits in one single step. Thus, working with standard cable ties means either destroying the cable tie of the first installation or applying additional cable ties. The integrated pre-locking function of the Q-tie offers the ability of both a temporary and final cable fastening solution in one.

Q-ties save you time and money!

A wide range of materials are available:

- Polyamide 6.6 (PA66), black, natural and in various colours
- Polyamide 6.6 weather-resistant (PA66W), only black
- Polyamide 6.6 heat stabilized (PA66HS), black and natural

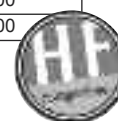


#### Application

1. Open lock head for quick and easy insertion.
2. Two rails in the strap ensure perfect guidance for the tracks in the head.
3. The locking device interacts safely with the serration of the cable tie.
4. The tracks prevent a deformation of the head under load.
5. The thin part of the cable tie can be simply placed into the open lock head.
6. The large ribbed tail allows a safe and ergonomic installation.
7. Integrated pre locking feature (starts with type Q30).



Q-Series Cable Ties						
Reference	Length mm	Width mm	Bundle diameter mm	Min Tensile Strength		Pack Qty
				(N)	(lbs)	
Q18R	105	2.6	24	80	18	100
Q18I	155	2.6	40	80	18	100
Q18L	195	2.6	50	80	18	100
Q30R	160	3.6	38	130	18	100
Q30L	200	3.6	50	130	30	100
Q30LR	250	3.6	65	130	30	100
Q50R	210	4.7	50	220	30	100
Q50I	290	4.7	75	220	50	100
Q50L	410	4.7	110	220	50	100
Q120I	300	7.7	70	530	120	100
Q120R	420	7.7	110	530	120	100
Q120M	520	7.7	145	530	120	100



### Cable Tie with 90° Angled Head V-Series

V-Series is the consequent advancement of HellermannTyton's outside serrated cable ties. Manufactured in PA66HS.

#### Features

- 90° angled head
- Easy and parallel insertion
- Good fit to bundles, tubes, harness etc.
- Low and rounded profile head
- Less height above the bundle
- No damage of parallel routed bundles
- Outside serrated cable tie
- Smooth surface to the bundle, no damage of insulation
- Easy and safe to use
- Up to 20% higher tensile strength compared to other ties with similar strap cross-section
- Natural colour

#### Application

Its outstanding properties allows access to all industry markets. V-Series is perfect for:

- Use in applications with restricted space
- To bundle cables in camera and alarm systems
- For cable routing in Automation systems (Remote I/O Systems)
- For parallel bundles
- For installation/ mainly subsequent installation in switch cases
- Smooth geometry and round head avoids snag on the back of the hand
- Bundles which have to be fed through a grommet or ductwork for cables
- Easy to handle due to the low profile head



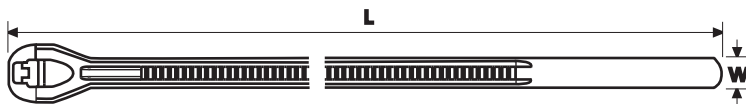
V-Series is perfect for parallel bundles



V-Series - less height above the bundle



Outside serration means no damage of insulation



V Series Cable Ties						
Reference	Length	Width	Max Bundle diameter	Min Tensile Strength		Pack Qty
	mm	mm	mm	(N)	(lbs)	
V100R	102.5	2.45	20	100 (N)	22	100
V150R	150	3.3	35	150 (N)	33	100



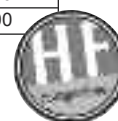
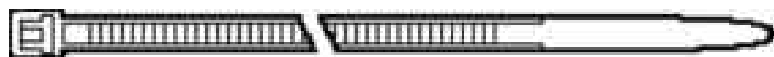
### OS-Series Outside Serrated Cable Ties

A new range of patented Outside Serrated cable ties offer the ideal combination of high specification materials and superior design to meet the needs for bundling and securing thin-wall and soft insulated cables. The new curved shape of the head allows the tie to follow the contours of the cable and takes up less space than other designs of cable ties.

- Made from Heat Stabilised material
- Operating temperatures -40°C to 105°C continuous (+145°C 500 hours)
- UL94V2 Halogen Free
- Presents a smooth surface to the cable preventing insulation damage by chafe, vibration and indentation
- Low insertion and high tensile strength
- Will hold and secure cable bundles as small as 1.6m diameter
- Also available in VO Material for London Underground (LUL) Projects



Outside Serrated Cable Ties - Military Specification, Virgin Grade PA66							
Reference	Overall length mm	Width mm	Tensile strength lbs N		Recommended Tensioning tool	Bundle Diameter max mm	Pack Qty
T18ROS	100	2.5	18	80	MK3/EVO7	20	100
T30ROS	148	3.4	30	135	MK3/EVO7	35	100
T30LOS	200	3.4	30	135	MK3/EVO7	50	100
T50SOS	150	4.6	50	225	MK3/EVO7	35	100
T50ROS	200	4.6	50	225	MK3/EVO7	50	100
T50MOS	245	4.6	50	225	MK3/EVO7	66	100
T50LOS	384	4.6	50	225	MK3/EVO7	110	100
T120ROS	385	7.6	120	535	MK6/EVO7	105	100



### Recommended Tensioning Tools

#### EV07

- Lightweight, durable tool
- Used for HellermannTyton cable ties 2.5mm to 4.8mm wide
- Ergonomic, slip-proof handle for a comfortable and secure grip
- Innovative, patent-pending TCL technology (Tension Lock Cut), providing maximum performance with minimum effort



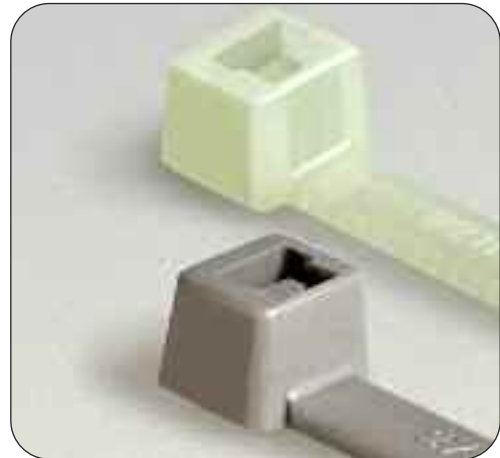
#### Mark 9

- Two variable tensioning levels
- Used for HellermannTyton cable ties up to 13mm wide
- Non-slip handle
- US MIL Specification approved



## High Temperature Cable Ties

- Improved performance in high temperature applications
- Virgin Grade PA46
- 150°C for 5000 hours
- 135°C continuous working temperature
- Use with HellermannTyton cable tie tooling as per table below
- Can withstand intense heat for very short periods
- Ideal for electronics applications
- Colour natural



High Temperature Cable Ties - Virgin Grade PA46

Reference	Overall Length mm	Strap Width mm	Minimum Tensile Strength		Recommended Cable Diameter mm	Tensioning Tool	Pack Qty
			lbs	N			
T18R PA46	100	2.5	18	80	22	MK3/EVO7	100
T30R PA46	150	3.5	30	135	35	MK3/EVO7	100
T50R PA46	200	4.6	50	225	50	MK3/EVO7	100
T50I PA46	300	4.6	50	222	85	MK3/EVO7	100
T50L PA46	390	4.6	50	225	110	MK3/EVO7	100
T120R PA46	380	7.6	120	535	100	MK6/EVO7	100



## Flame Retardant Cable Ties

- UL 94 V0 Rated material at >0.8mm thickness
- Ideal for mass transit or other fire sensitive applications
- Low toxicity rating
- Inside or outside serrated ties available



Flame Retardant Inside Serrated Cable Ties - Virgin grade PA66

Reference	Overall Length mm	Strap Width mm	Minimum Tensile Strength		Maximum Cable Diameter mm	Recommended Tensioning Tool	Pack Qty
			lbs	N			
T18R V0	100	2.5	18	80	22	MK3/EVO7	100
T30R V0	150	3.5	30	135	35	MK3/EVO7	100
T50R V0	200	4.6	50	225	50	MK3/EVO7	100
T50L V0	390	4.6	50	222	110	MK3/EVO7	100
T120R V0	380	7.6	120	535	100	MK6/EVO7	100



The HellermannTyton MAT Stainless Steel tie range is available in both coated and un-coated versions. Incorporating a 'ladder' type locking mechanism the ties are easy to install and are suitable for a wide range of electrical cable installations.

### MAT Product Range

- Simple to install, either by hand or with a tensioning tool (see page 137)
- Tough and corrosion resistant
- Lightweight and easy to handle
- Manufactured from Marine Grade 316 Stainless Steel
- Available coated or un-coated
- Wide temperature range -80°C to +538°C



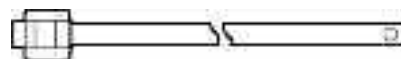
MAT Coated Stainless Steel Ties - 316 Marine Grade Stainless Steel							
Reference	Overall Length		Strap Width		Maximum Cable Diameter		Pack Qty
	mm	in	mm	in	mm	in	
MAT8SSC7	230	9.0	7.0	0.3	60	2.4	100
MAT12SSC7	330	13.0	7.0	0.3	90	3.5	100
MAT16SSC7	430	16.9	7.0	0.3	120	4.7	100
MAT24SSC7	630	24.8	7.0	0.3	180	7.1	100
MAT8SSC12	230	9.0	12.0	0.5	60	2.4	100
MAT12SSC12	330	13.0	12.0	0.5	90	3.5	100
MAT16SSC12	430	16.9	12.0	0.5	120	4.7	100
MAT24SSC12	630	24.8	12.0	0.5	180	7.1	100

Uncoated version available to special order only.

The HellermannTyton MLT range of Stainless Steel ties incorporate a 'buckle' type locking mechanism. Once installed the MLT range offer an extremely secure method of cable bundling.

### MLT Product Range

- Simple to install, either by hand or with a tensioning tool (see page 137)
- Tough and corrosion resistant
- Manufactured from Marine Grade 316 Stainless Steel
- Available coated or un-coated
- Wide temperature range -80°C to +538°C



MLT Coated Stainless Steel Ties - 316 Marine Grade Stainless Steel							
Reference	Overall Length		Strap Width		Maximum Cable Diameter		Pack Qty
	mm	in	mm	in	mm	in	
MLT8SSC5	230	9.0	5.0	0.2	60	2.4	100
MLT12SSC5	330	13.0	5.0	0.2	90	3.5	100
MLT16SSC5	430	16.9	5.0	0.2	120	4.7	100
MLT24SSC5	630	24.8	5.0	0.2	180	7.1	100
MLT8SSC10	230	9.0	10.0	0.4	60	2.4	100
MLT12SSC10	330	13.0	10.0	0.4	90	3.5	100
MLT16SSC10	430	16.9	10.0	0.4	120	4.7	100
MLT24SSC10	630	24.8	10.0	0.4	180	7.1	100

Uncoated version available to special order only.

**MBT Uncoated Range**

- 3 strap widths available
- Up to 1,011 lbs / 4,500 N tensile strength
- Fast, secure installation
- Safe to handle
- Flame retardant
- High temperature capability -80°C to +538°C



MBT Stainless Steel Ties - 316 Marine Grade Stainless Steel									
Reference	Overall Length		Strap Width		Minimum Tensile Strength		Maximum Cable Diameter		Pack Qty
	mm	in	mm	in	lbs	N	mm	in	
MBT5S	127	5.0	4.6	0.18	200	900	25	1.0	100
MBT8S	201	7.9	4.6	0.18	200	900	50	2.0	100
MBT12S	300	12	4.6	0.18	200	900	76	3.0	100
MBT14S	362	14.3	4.6	0.18	200	900	102	4.0	100
MBT20S	521	20.5	4.6	0.18	200	900	152	6.0	100
MBT27S	681	26.8	4.6	0.18	200	900	203	8.0	100
MBT33S	838	33.0	4.6	0.18	200	900	254	10.0	100
MBT8H	201	7.9	7.9	0.31	440	2,000	50	2.0	50
MBT12H	300	12	7.9	0.31	440	2,000	76	3.0	50
MBT14H	362	14.3	7.9	0.31	440	2,000	102	4.0	50
MBT20H	521	20.5	7.9	0.31	440	2,000	152	6.0	50
MBT27H	681	26.8	7.9	0.31	440	2,000	203	8.0	50
MBT33H	838	33.0	7.9	0.31	440	2,000	254	10.0	50
MBT14XH	362	14.3	12.3	0.48	595	2,700	102	4.0	50
MBT20XH	521	20.5	12.3	0.48	595	2,700	152	6.0	50
MBT27XH	681	26.8	12.3	0.48	595	2,700	203	8.0	50
MBT33XH	838	33.0	12.3	0.48	595	2,700	254	10.0	50
MBT14UH	362	14.3	16	0.63	1,011	4,500	102	4.0	50
MBT20UH	521	20.5	16	0.63	1,011	4,500	152	6.0	50
MBT27UH	681	26.8	16	0.63	1,011	4,500	203	8.0	50
MBT33UH	838	33.0	16	0.63	1,011	4,500	254	10.0	50
MBT43UH	1092	43.0	16	0.63	1,011	4,500	330	13.0	25
MBT49UH	1245	49.0	16	0.63	1,011	4,500	380	15.0	25

MBT - 304 Grade Stainless Steel Ties									
Reference	Overall Length		Strap Width		Minimum Tensile Strength		Maximum Cable Diameter		Pack Qty
	mm	in	mm	in	lbs	N	mm	in	
MBT5SS	127	5.0	4.6	0.18	200	900	25	1.0	100
MBT8SS	201	7.9	4.6	0.18	200	900	50	2.0	100
MBT12SS	300	12	4.6	0.18	200	900	76	3.0	100
MBT14SS	362	14.3	4.6	0.18	200	900	102	4.0	100
MBT20SS	521	20.5	4.6	0.18	200	900	152	6.0	100
MBT27SS	681	26.8	4.6	0.18	200	900	203	8.0	100
MBT33SS	838	33.0	4.6	0.18	200	900	254	10.0	100
MBT8HS	201	7.9	7.9	0.31	440	2,000	50	2.0	50
MBT12HS	300	12	7.9	0.31	440	2,000	76	3.0	50
MBT14HS	362	14.3	7.9	0.31	440	2,000	102	4.0	50
MBT20HS	521	20.5	7.9	0.31	440	2,000	152	6.0	50
MBT27HS	681	26.8	7.9	0.31	440	2,000	203	8.0	50
MBT33HS	838	33.0	7.9	0.31	440	2,000	254	10.0	50
MBT14XHS	362	14.3	12.3	0.5	450	2,000	102	4.0	50
MBT20XHS	521	20.5	12.3	0.5	450	2,000	152	6.0	50
MBT27XHS	681	26.8	12.3	0.5	450	2,000	203	8.0	50
MBT33XHS	838	33.0	12.3	0.5	450	2,000	254	10.0	50

\* see page 152 for suitable tensioning tool.

### MBT Coated Range

- 3 strap widths available
- Polyester coated
- High tensile strength
- Manufactured from Marine Grade 316 Stainless Steel
- Tough and corrosion resistant



\* Red coated stainless steel ties also available. Please contact us for further information

MBT Fully Coated Stainless Steel Ties - 316 Marine Grade Stainless Steel									
Reference	Overall Length		Strap Width		Minimum Tensile Strength		Maximum Cable Diameter		Pack Qty
	mm	in	mm	in	lbs	N	mm	in	
MBT5SFC	127	5.0	4.6	0.18	105	467	25	1.0	100
MBT8SFC	201	7.9	4.6	0.18	105	467	50	2.0	100
MBT12SFC	300	12	4.6	0.18	105	467	76	3.0	100
MBT14SFC	362	14.3	4.6	0.18	105	467	76	3.0	100
MBT20SFC	521	20.5	4.6	0.18	105	467	152	6.0	100
MBT27SFC	681	26.8	4.6	0.18	105	467	203	8.0	100
MBT33SFC	838	33.0	4.6	0.18	105	467	254	10.0	100
MBT8HFC	201	7.9	7.9	0.31	175	779	50	2.0	50
MBT12HFC	300	12	7.9	0.31	175	779	76	3.0	50
MBT14HFC	362	14.3	7.9	0.31	175	779	102	4.0	50
MBT20HFC	521	20.5	7.9	0.31	175	779	152	6.0	50
MBT27HFC	681	26.8	7.9	0.31	175	779	203	8.0	50
MBT33HFC	838	33.0	7.9	0.31	175	779	254	10.0	50
MBT14XHFC	362	14.3	12.3	0.48	350	1,558	102	4.0	50
MBT20XHFC	521	20.5	12.3	0.48	350	1,558	152	6.0	50
MBT27XHFC	681	26.8	12.3	0.48	350	1,558	203	8.0	50
MBT33XHFC	838	33.0	12.3	0.48	350	1,558	254	10.0	50
MBT14UHFC	362	14.3	16	0.63	562	2,500	102	4.0	50
MBT17UHFC	434	17.1	16	0.63	562	2,500	125	4.9	50
MBT20UHFC	521	20.5	16	0.63	562	2,500	152	6.0	50
MBT23UHFC	575	22.6	16	0.63	562	2,500	168	6.6	50
MBT27UHFC	681	26.8	16	0.63	562	2,500	203	8.0	50
MBT30UHFC	754	29.7	16	0.63	562	2,500	225	8.9	50
MBT33UHFC	838	33.0	16	0.63	562	2,500	254	10.0	50
MBT43UHFC	1092	43.0	16	0.63	562	2,500	330	13.0	50
MBT49UHFC	1245	49.0	16	0.63	562	2,500	380	15.0	50

\* see page 152 for suitable tensioning tool.

### MBT Kit

- Includes MBT 304 Stainless Steel cable ties, THT Ratchet Installation
- Tool, and strong plastic carry case
- Kit contains popular sizes of cable ties
- Easy to use reversible ratchet tool
- Ideal for Mechanical & Electrical Contractors and many other applications.



Product	Quantity
MBT14SS	30
MBT14HS	30
MBT8HS	20
MBT8SS	20
MBT5SS	20
THT	1

Reference 111-01422

## MBT Double Wrap Cable Ties Uncoated

The double wrap ties of the MBT-series are used in applications where a fixing requires an extraordinary high tensile strength. The unique design allows the strap to be wrapped around the bundle and inserted through the head twice, providing a very high tensile strength to carry enormous applied loads.

### Features & Benefits:

- Stainless steel MBT ties with double wrap operation
- Manufactured in SS316 grade stainless steel
- Wraps around the bundle and passes through the head twice
- Very high tensile strength to carry enormous applied loads
- Head with two locking balls for high performance
- Resistant to arduous conditions and environments
- Non-burning



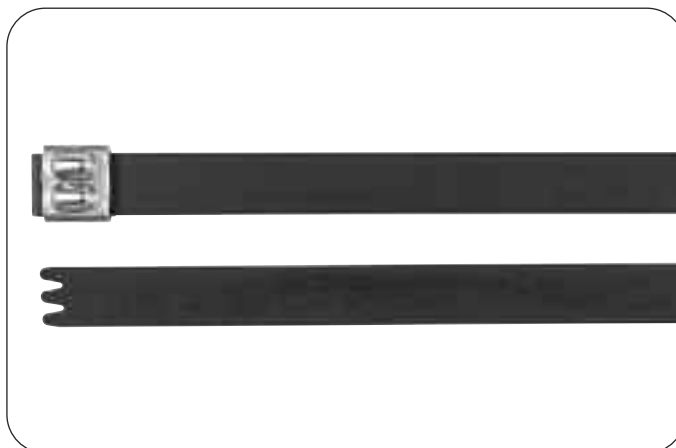
Reference	Overall Length		Strap Width		Minimum Tensile Strength		Maximum Cable Diameter		Pack Qty
	mm	in	mm	in	lbs	N	mm	in	
MBT27XHD	681	26.8	12.3	0.48	1,124	5,000	100	3.9	50
MBT33XHD	838	33.0	12.3	0.48	1,124	5,000	120	4.7	50
MBT43XHD	1092	43.0	12.3	0.48	1,124	5,000	160	6.3	25
MBT49XHD	1245	49.0	12.3	0.48	1,124	5,000	180	7.1	25
MBT60XHD	1524	60.0	12.3	0.48	1,124	5,000	230	9.1	25
MBT27UHD	681	26.8	16.0	0.63	1,573	7,000	100	3.9	50
MBT33UHD	838	33.0	16.0	0.63	1,573	7,000	120	4.7	50
MBT43UHD	1092	43.0	16.0	0.63	1,573	7,000	160	6.3	25
MBT49UHD	1245	49.0	16.0	0.63	1,573	7,000	180	7.1	25
MBT60UHD	1524	60.0	16.0	0.63	1,573	7,000	230	9.1	25

## MBT Double Wrap Cable Ties with Coating

The MBT range of stainless steel cable ties can be used in the most arduous of conditions or where the additional security, strength and fire resistance of a metal fixing is required. Used in all industries from mass transit, ship building, oil rigs, mining and chemical industries, theatres and exhibition halls. In the event of a fire, cables will remain securely held in place and will not fall to block emergency exits.

### Features & Benefits:

- MBT cable ties, made from stainless steel SS316 with a polyester coating
- Patented non-releasable locking feature
- Double wrap operation
- Corrosion resistant
- Weather resistant
- Outstanding chemical resistance
- Antimagnetic
- High temperature resistant
- Non-burning



Reference	Overall Length		Strap Width		Minimum Tensile Strength		Maximum Cable Diameter		Pack Qty
	mm	in	mm	in	lbs	N	mm	in	
MBT27XHDFC	681	26.8	12.3	0.48	674	3,000	100	3.9	50
MBT33XHDFC	838	33.0	12.3	0.48	674	3,000	120	4.7	50
MBT43XHDFC	1092	43.0	12.3	0.48	674	3,000	160	6.3	25
MBT49XHDFC	1245	49.0	12.3	0.48	674	3,000	180	7.1	25
MBT60XHDFC	1524	60.0	12.3	0.48	674	3,000	230	9.1	25
MBT27UHDFC	681	26.8	16.0	0.63	1,124	5,000	100	3.9	50
MBT33UHDFC	838	33.0	16.0	0.63	1,124	5,000	120	4.7	50
MBT43UHDFC	1092	43.0	16.0	0.63	1,124	5,000	160	6.3	25
MBT49UHDFC	1245	49.0	16.0	0.63	1,124	5,000	180	7.1	25
MBT60UHDFC	1524	60.0	16.0	0.63	1,124	5,000	230	9.1	25

\* Red coated stainless steel ties also available. Please contact us for further information

## Stainless Steel P-Mounts



A range of stainless steel P-Mounts ideal for use with our range of stainless steel ties. Designed as a one hole fixing solution, the mounts are made of high performance 316 grade stainless steel.

The range consists of three different hole sizes that are suitable for screw diameters of 4mm, 5mm and 6mm with a slot width of 10mm.

The P-Mounts can be used in conjunction with our range of MBT, MLT and MAT products.

With its heavy duty design, the stainless steel P-Mounts provide a sustainable and durable fixing solution.

Note: It is recommended that stainless steel screws/bolts are used to install the P-Mounts to prevent potential corrosion.

### Application:

- Used in the most arduous of environments
- Where additional security, strength and fire resistance of a metal fixing is required.
- Used for fixing cables, tubing, conduits and pipes.

Material:	Stainless Steel type SS316
Operating Temperature:	-80°C to +538°C
Flammability:	Non burning



Reference	Length mm	Width mm	Height mm	Hole Dia mm	Screw Dia mm	Cable Tie Width mm	Material	Qty
SSPC4	23	10.2	4.5	4.2	4	10.0	SS316	100
SSPC5	23	10.2	4.5	5.3	5	10.0	SS316	100
SSPC6	23	10.2	4.5	6.3	6	10.0	SS316	100

### Stainless Steel Ties Application Tools

HellermannTyton offer a range of application tools designed to make the installation of Stainless Steel ties quick and easy. Lightweight and robust the range shown below accommodates tie ranges as detailed.

#### MK9SST Application Tool

- Side entry for immediate positioning of tie
- Fully adjustable controlled tensioning
- Single handed operation
- Automatic cut off
- Flush cut - no sharp edges
- Non slip ergonomic handle
- Suitable for the complete MBT range

Ties	
Ref	Setting
MBT S(FC)	Standard
MBT H(FC)	Heavy
MBT XH(FC)	Heavy



#### MTT4 Application Tool

- Designed for use with all sizes of MAT and MLT stainless steel ties
- Simple ratchet operation
- Operator controlled tensioning and cutting facility
- Lightweight and easy to use



#### STG200

- The STG200 is a stainless steel tie tensioning and cutting tool.
- The tensioning strength can be adjusted while pulling the trigger, and the excess tail is cut off by pulling the tie-cut lever to finish.
- It is easy to handle and far more reliable than trying to tension the ties by hand.
- Manual Processing Tool for Metal Ties MBT and MAT Series.
- STG200 up to 12.3 mm strap width.



#### NEW: HDT16 Application Tool

- Suitable for up to 16mm wide coated and uncoated stainless steel cable ties
- Rotating nose piece for use with both MBT-Series and AMT-Series ties
- Adjustable handles for either single or two-handed operation
- Ergonomically designed for ease of use
- Integrated cutting mechanism delivering a flush cut and professional finish
- Manual operation, suitable for heavy duty applications
- Ideal for use with MBT-UH, UHFC, UHD & UHDFC ties



Stainless Steel Application Tools		
Ref	Suitable Ties	Pack Qty
MK9SST	MBT	1
MTT4	MLT & MAT	1
STG200	MBT & MAT	1
HDT16	MBT & AMT	1

## LFPC

LFPC is a protective channel specifically designed for use with Stainless Steel ties where limited fire hazard materials are required.

LFPC is used in naval, aerospace, offshore, railway and construction industries as a protective cushion between Stainless Steel ties and cables where shock or vibration are experienced.

LFPC is approved to Def. Stan. 61-12 (part 31) and is available in a range of sizes to suit different widths of Stainless Steel ties.

- Limited fire hazard
- Halogen free
- Low toxicity
- Low smoke
- Self extinguishing



LFPC Protective Channel				
Reference	Width mm	Thickness mm	Coil Length	For Ties
LFPC70	7.0	1.1	25m Coil	MBTS
LFPC83	8.3	1.1	25m Coil	MBTH
LFPC103	10.3	1.1	25m Coil	MBTH
LFPC129	12.9	1.1	25m Coil	MBTXH
LFPC132	13.2	1.1	25m Coil	MBTXH
LFPC150	15.0	1.1	25m Coil	MBTXH
LFPC163	16.3	1.1	25m Coil	MBTXH

Material Specification	
Parameter	Comment
Continuous operating temperature	-40°C to +90°C
Intermittent temperature (200hr)	160°C
Flammability	V0
Halogen content	Zero

### Coloured Ties

- One piece, all plastic design
- Quick, simple fastening by hand or tensioning tool
- Ideal for identifying particular cable runs
- Useful indicator that quality control checks have been undertaken
- Provides proof of calibration
- Can indicate that component is a reject
- Cadmium free



Coloured Ties							
Reference	Length mm	Width mm	Maximum Cable Bundle Diameter	Minimum Tensile Strength lbs      N		Tensioning Tool	Pack Qty
T18R	100	2.5	22	18	80	MK3/MK20/EVO7	100
T30R	150	3.5	35	30	135	MK3/MK20/EVO7	100
T50R	200	4.6	50	50	225	MK3/MK20/EVO7	100
LK2A	270	4.6	73	50	225	MK3/MK20/EVO7	100
T50L	390	4.6	110	50	225	MK3/MK20/EVO7	100
T120R	380	7.6	100	120	535	MK6/MK21/MK9	100

Coloured Ties						
Colour	T18R	T30R	T50R	LK2A	T50L	T120R
Red	•	•	•	•	•	•
Yellow	•	•	•	•	•	•
Blue	•	•	•	•	•	•
Green	•	•	•	•	•	•

Minimum order quantities may apply.

\* When ordering use the reference number followed by the colour eg - T18R Yellow

### Recommended Tensioning Tools

#### EV07

- Lightweight, durable tool
- Used for HellermannTyton cable ties 2.5mm to 4.8mm wide
- Ergonomic, slip-proof handle for a comfortable and secure grip
- Innovative, patent-pending TCL technology (Tension Lock Cut), providing maximum performance with minimum effort



#### Mark 9

- Two variable tensioning levels
- Used for HellermannTyton cable ties up to 13.5mm wide
- Non-slip handle
- US MIL Specification approved



### Cable Ties - LK Range

The original forerunner to the Military Specification Cable Ties, the LK range is still a very popular range, LK2A being one of the most successful cable ties ever produced. Produced to the highest quality standards from prime raw materials, with similar features to the MilSpec Range.

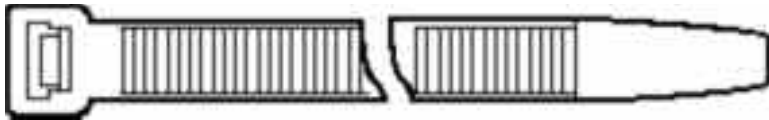
- Commercial range with similar features to Military Specification Cable Ties
- Versatile straps which can be used in countless applications as well as binding cable and wires
- Smooth manufactured design improves installation time and increases productivity



Standard Cable Ties - LK Range							
Reference	Overall Length mm	Strap Width mm	Minimum Tensile Strength lbs      N		Maximum Cable Diameter mm	Recommended Tensioning Tool	Pack Qty
LK2A	270	4.6	50	225	73	MK3/MK20/EVO7	100



LK5	535	13.2	250	1115	150	MK9	50
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### Recommended Tensioning Tools

#### Mark 9

- Two variable tensioning levels
- Used for HellermannTyton cable ties up to 13.5mm wide
- Non-slip handle
- US MIL Specification approved



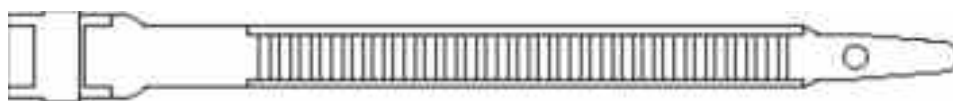
### Parallel Entry Cable Ties

- Low profile design of the head allows for use in applications with restricted space
- Outside serrated to prevent damage to cables
- High integral tensile strength
- Weather resistant black as standard

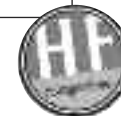
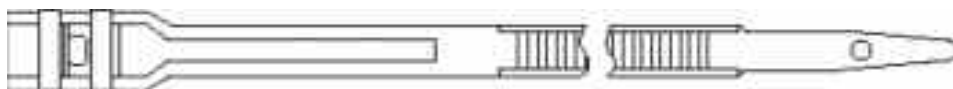


#### LPH Range - Virgin Grade PA66

Reference	Overall Length		Strap Width		Minimum Tensile Strength		Maximum Cable Diameter	Pack Qty
	mm		mm		lbs	N		
LPH175	175		9		70	310	40	100



LPH275	265		9		108	480	62	100
LPH350	355		9		108	480	92	100



### SRT-Series Releasable Ties

#### Features and Benefits

Manufactured from a soft, tear-resistant thermoplastic polyurethane these ties have several unique features: UV and weather resistant, strong yet elastic, and suitable for temperatures as low as -40°C. The SRT ties are releasable and reusable which is ideal for bundling cables in temporary applications such as musical events, theatres, cable harnesses.

#### Application

The SRT range offers solutions to numerous bundling applications. The soft, flexible material makes these ties particularly suitable for use on data and fibre-optic cables. The elasticity of the material makes them ideal for securing young trees to support poles, and other applications within the gardening and landscaping industry.



*The Elasticity of the SRT ties make them suitable for use in many applications*

#### Material Data

Material	Thermoplastic Polyurethane (TPU)
Colours	Black (BK)
Operating Temperature	-40°C to +85°C
Flammability	UL94HB

#### SRT Ties

Reference	Length (L)	Width (W)	Bundle ø max.	Min. Tensile Strength (N)	Pack Qty
SRT1807	180	7	45	57	16
SRT2607	260	7	79	57	12
SRT26011	260	11	55	123	8
SRT34011	340	11	90	123	6
SRT58028	580	28	150	360	3

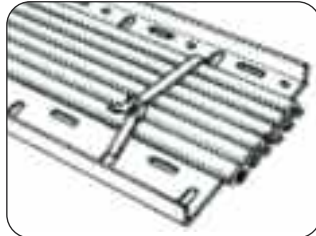


### Cable Tray Ties

- Range of CTF ties can accommodate both UK and European design of Cable Tray
- Simply break the joining strip
- Put into tray slots and twist through 90°
- Standard colour black



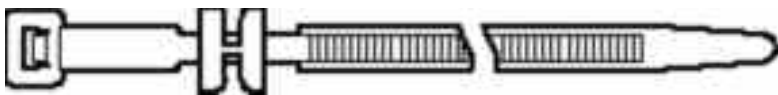
Cable tray ties in application



Cable tray ties in application

Cable Tray Ties - Virgin Grade PA66						
Reference	Overall Length	Strap Width	Minimum Tensile Strength		Recommended Tensioning Tool	Pack Qty
	mm		lbs	N		
CTF120	320	7.6	120	535	MK6/MK9/MK21	100
CTF250	355	13.0	250	1115	MK6/MK9	50
*CTF120/90	320	7.6	120	535	MK6/MK9/MK21	100

\* For cable tray slots at 90° angle.



### Metal Content Tie

The HellermannTyton Metal Content Tie is a cable tie specifically designed for use in the food and pharmaceutical processing industries. A unique manufacturing process, involving the inclusion of a metallic pigment, enables the tie to be detected more readily than standard nylon ties.

#### Applications

The HellermannTyton Metal Content Cable Tie range is ideally suited for electrical cabling applications both on plant and within areas adjacent to the manufacturing process.

#### Features

- Specifically designed for use in the food and pharmaceutical processing industries.
- Nylon tie incorporating a metallic compound throughout.
- Total metal dispersion throughout the body of the tie.
- Can be part of the Hazardous Analysis of Critical Control Point (HACCP), a pro-active process control system by which food quality is ensured. This system has been adopted by many countries around the world and is mandatory in some.
- Blue in colour, again to assist in detection.
- Greatly reduces the risk of contamination.



*A safe and contamination free production process with MCT50L*

Metal Content Tie						
Reference	Overall Length	Strap Width	Minimum Tensile Strength		Recommended Tensioning Tool	Pack Qty
	mm		lbs	N		
MCT18R	100	2.5	18	80	MK3/MK20/EVO7	100
MCT30R	150	3.5	30	135	MK3/MK20/EVO7	100
MCT50R	200	4.6	50	225	MK3/MK20/EVO7	100
MCT50L*	390	4.6	50	225	MK3/MK20/EVO7	100
MCT120R	380	7.6	120	535	MK6/MK21/MK9	100

\* Also available in green, orange, yellow or red.

Releasable Metal Content Tie					
Reference	Overall Length	Strap Width	Minimum Tensile Strength		Pack Qty
	mm		lbs	N	
MCTRELK2M	250	4.6	50	225	100

### Recommended Tensioning Tools

#### EV07

- Lightweight, durable tool
- Used for HellermannTyton cable ties 2.5mm to 4.8mm wide
- Ergonomic, slip-proof handle for a comfortable and secure grip
- Innovative, patent-pending TCL technology (Tension Lock Cut), providing maximum performance with minimum effort



#### Mark 9

- Two variable tensioning levels
- Used for HellermannTyton cable ties up to 13.5mm wide
- Non-slip handle
- US MIL Specification approved



### Metal Content MB Mounts

- Metal detectable cable tie mounting bases
- Ideal for use with MCT-Series cable ties
- 4-way entry providing quick and easy installation
- Screw fixing bases ideal for securing cable bundles



Metal Content Mounts						
Reference	Length mm	Width mm	Cable Tie Width mm	Fixing Hole Diameter mm	HellermannTyton Cable Ties	Pack Qty
MCMB3	19	19	4.1	3.1	Up to MCT30 Series	100
MCMB4	28	28	5.4	4.0	Up to MCT50 Series	100

\* Metal content spiral binding and helawrap available see pages 235/236



## Commercial Grade Cable Ties & Bases

- A range of general purpose cable ties and bases
- Available in either black or natural



Commercial Grade Cable Ties & Bases

Part Number	Colour	Size (mm)	Pack Size	Packs Per Carton
UB100A	Black or Natural	100 x 2.5	100	320
UB140A	Black or Natural	140 x 2.5	100	200
UB200A	Black or Natural	200 x 2.5	100	130
UB150B	Black or Natural	150 x 3.5	100	100
UB200B	Black or Natural	200 x 3.5	100	80
UB160C	Black or Natural	160 x 4.6	100	70
UB200C	Black or Natural	200 x 4.6	100	70
UB250C	Black or Natural	250 x 4.6	100	50
UB270C	Black or Natural	275 x 4.6	100	60
UB300C	Black or Natural	300 x 4.6	100	50
UB385C	Black or Natural	380 x 4.6	100	40
UB385E	Black or Natural	380 x 7.6	100	20
UB760E	Black or Natural	760 x 7.6	50	20
UB540H	Black or Natural	535 x 13	50	16
UB19 Base	Black or Natural	19 x 19	100	120
UB28 Base	Black or Natural	28 x 28	100	60

Sold in carton quantities only.

#### Releasable Cable Ties

- Easily assembled by hand
- Ideal for temporary fastening
- High quality cable ties with releasable feature
- Black and natural available



The RT, RELK and RLT cable ties can be easily re-opened and re-used

Releasable Cable Ties - Virgin Grade PA66						
Reference	Overall Length	Strap Width	Minimum Tensile Strength		Maximum Cable Diameter	Pack Qty
	mm		lbs	N		
RELK2R	200	4.6	50	225	50	100
RELK2M	250	4.6	50	225	65	100
RELK2I	300	4.6	50	225	81	100
RELK2L	350	4.6	50	225	95	100



RLT150	770	8.9	150	670	225	50
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#### Bobble Tie

Bobble Tie - Virgin Grade PA66			
Reference	Overall Length	Strap Width	Pack Qty
	mm	mm	
RS1	110	2.0	100



## Easy Release Design

### REZ-Series

- Innovative design
- Quick and simple to use
- Patented Pinch Release mechanism gives best handling of any releasable tie
- Standard colour black



Easy Release Design - Virgin Grade PA66						
Reference	Overall Length	Strap Width	Minimum Tensile Strength		Maximum Cable Diameter	Pack Qty
	mm		mm	lbs		
REZ200	200	4.7	30	135	50	100
REZ300	305	4.7	30	135	80	100



### REL-Series

- Easily assembled by hand
- Simple thumb release on head
- Ideal for temporary fastening
- Standard colour black



REL Series - Virgin Grade PA66						
Reference	Overall Length	Strap Width	Minimum Tensile Strength		Maximum Cable Diameter	Pack Qty
	mm		mm	lbs		
REL140	150	7.6	45	180	35	100
REL180	180	6.5	34	150	46	100
REL250	250	7.6	45	200	68	100



# SpeedyTie™

THE RE-USABLE, QUICK-RELEASE TIE

- Fully re-usable. SpeedyTie™ is the first product of its kind designed to be re-used again and again eliminating hassle and saving you money
- Easy releasable, SpeedyTie™'s patented hand release trigger makes removal of the product simple - even with a gloved hand
- Easy to apply, the release mechanism provides for quick and easy application of the product prior to final tensioning
- Tuck away feature, once applied, excess tails can be neatly tucked away providing for a safer application



SpeedyTie™ - Virgin Grade PA66							
Reference	Overall Length	Strap Width	Minimum Tensile Strength		Maximum Bundle Diameter	Colour	Pack Qty
	mm	mm	lbs	N	mm		
RTT750HR	750	13	200	888	210	Yellow	5
RTT750HR	750	13	200	888	210	Black	5



## Hook and Loop TEXTIE™

### Features and Benefits

Quick and simple to use without the need for tools they have no waste, are corrosion free, are resistant to ageing and are re-usable (up to 400 times).

Various colours are available to enable easy identification of multiple cable runs.

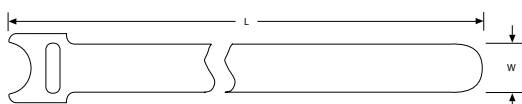
Loops are manufactured from Polyamide (PA) the hooks from Polyethylene (PE)

### Application:

As cables use thinner and softer insulation, and as fibre optic cables become more common there is a need for a 'soft' method of bundling. The TEXTIEs™ are ideal for use on telephone cables, optical fibre and network cables.

Perfect for use in temporary installations such as theatre stage construction or prototype cable harnesses.

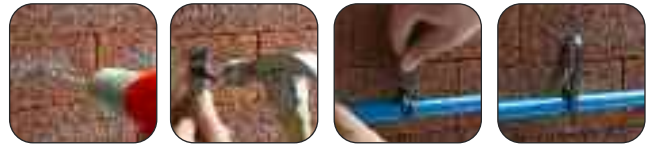
There are a lot of private and office applications too



Reference	Length mm	Width mm	Bundle Diameter Max	Material Loop	Material Hook	Colour	Pack Qty
130-00012	150	12.5	45	PA	PE	Black (BK)	10
130-00013	200	12.5	60	PA	PE	Black (BK)	10
130-00021	200	12.5	60	PA	PE	White (WH)	10
130-00014	200	12.5	60	PA	PE	Red (RD)	10
130-00016	200	12.5	60	PA	PE	Yellow (YE)	10
130-00017	200	12.5	60	PA	PE	Green (GN)	10
130-00018	200	12.5	60	PA	PE	Blue (BU)	10
130-00019	330	12.5	100	PA	PE	Black (BK)	10
130-00020	5000	12.5	-	PA	PE	Black (BK)	1
130-00022	25000	13	-	PA	PE	Black (BK)	1

#### Wall Plug Ties

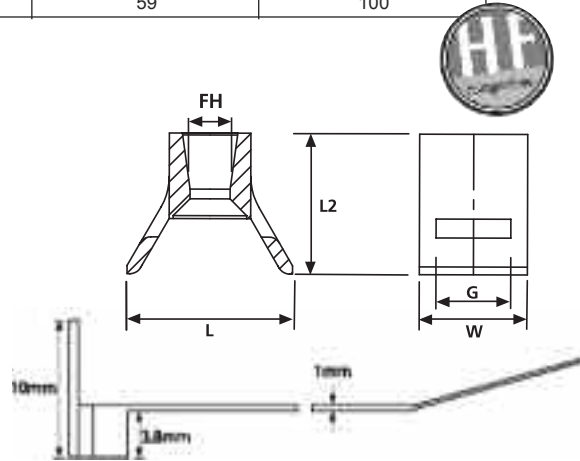
- One piece fixing and cable tie
- Can be fixed to brick, cement or wood
- Simply drill an 8mm hole and knock in the peg
- Time saving and versatile
- Colour black
- Grey available on request



Wall Plug Ties - Virgin Grade PA66				
Reference	Overall Length mm	Strap Width mm	Maximum Cable Bundle Diameter mm	Pack Qty
WPT230	230	8	59	100

#### Self Adhesive Cable Tie

- Combined cable tie and self adhesive base
- Integral base ensures firm securement
- Ideal for clean applications
- Colour - Natural



Self Adhesive Cable Tie - Virgin Grade PA66				
Reference	Overall Length mm	Strap Width mm	Maximum Cable Bundle Diameter mm	Pack Qty
T18R SA	100	2.5	16	100

#### Mounting Head Ties

- Ideal for securing to metal, wood and plastic panels
- Screw or bolt down through moulded-in fixing head
- Standard colours - Natural & Black
- Suitable for fixing both hoses and cables



Mounting Head Ties							
Reference	Overall Length mm	Strap Width mm	Minimum Tensile Strength lbs      N		Maximum Bundle Diameter mm	Panel Hole Diameter mm	Pack Qty
T18MR	110	2.5	18	80	20	3.1	100
T30MR	160	3.5	30	135	32	4.3	100
T50MS	165	4.6	50	225	32	5.4	100
T50MR	215	4.6	50	225	45	5.4	100
T120MR	395	7.6	120	535	102	6.5	100



### Edge Clips

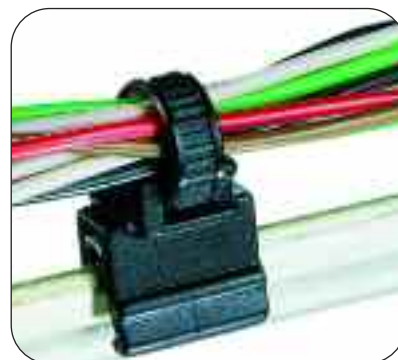
Available with either 'inside' or 'outside' serrated ties these two piece assemblies simply push onto metal or plastic 'edges' with thickness from 1.0 to 3.0mm and from 3.0 to 6.0mm. The high 'pull off' forces are due to the integrated metal clamp.

These cable ties and Edge Clip assemblies are ideal for use where holes are not acceptable or where due to temperature problems adhesives will fail.

- Standard colour black



T50ROSEC5B – the cable runs 90 degrees to the edge.



T50ROSEC4A – the cable bundle runs parallel to the edge.

Reference	Length (L) mm	Width (W) mm	Bundle Ø max.	Min. Tensile Strength (N)	Material Cable tie	Material Foot part	Recommended Tensioning Tool	Drawing	Pack Qty
Two piece, panel thickness 1.0 – 3.0 mm									
T50ROSEC4A	200	4.6	45	225	PA66HS	PA66HIRHS	MK3/EVO7/MK20		500
T50ROSEC4B	200	4.6	45	225	PA66HS	PA66HIRHS	MK3/EVO7/MK20		500
T50ROSEC5A	200	4.6	45	225	PA66HS	PA66HIRHS	MK3/EVO7/MK20		500
T50ROSEC5B	200	4.6	45	225	PA66HS	PA66HIRHS	MK3/EVO7/MK20		500



Reference	Length (L)	Width (W)	Bundle Ø max.	Min. Tensile Strength (N)	Material Cable tie	Material Foot part	Recommended Tensioning Tool	Drawing	Pack Qty
Two piece, panel thickness 3.0 – 6.0 mm									
T50ROSEC19	200	4.6	45	225	PA66HS	PA66HIRHS	MK3/EVO7/MK20		500
T50ROSEC20	200	4.6	45	225	PA66HS	PA66HIRHS	MK3/EVO7/MK20		500
T50ROSEC23	200	4.6	45	225	PA66HS	PA66HIRHS	MK3/EVO7/MK20		500
T50ROSEC24	200	4.6	45	225	PA66HS	PA66HIRHS	MK3/EVO7/MK20		500



#### SAC Range

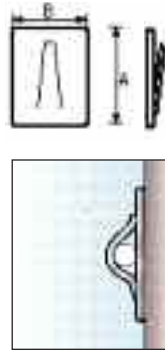
- Mild steel construction
- High gloss polyester coating
- Acrylic adhesive with polyethylene protective liner
- Colour - white
- Self Adhesive



SAC Range - Mild Steel					
Reference	A mm	B mm	Cable Tie Width mm	HellermannTyton Cable Ties	Pack Qty
SAC TC1	35	25	7	Up to T50 & LK2A	100
SAC TC2	41	31	12	Up to T120 & RLT150	100

#### SAC Range

- Mild steel fixing for cables and pipes
- Deformable tongue allows for a variety of cable sizes per clip
- Colour - White
- Self Adhesive

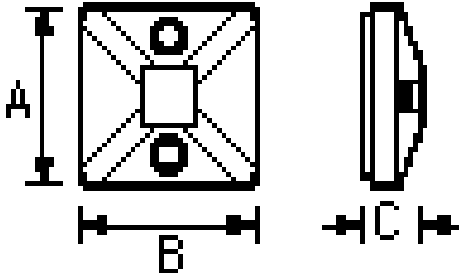


*Electro galvanised mild steel (0.5mm thickness).  
Adhesive on closed cell polyethylene carrier (1mm thickness).*

Metal SAC Range - Mild Steel				
Reference	Overall Length mm	Strap Width mm	Maximum Cable Bundle Diameter mm	Pack Qty
SAC0	20	15	3	100
SAC1	32	22	4	100
SAC2	38	25	8	100
SAC3	44	33	12	100
SAC4	54	38	16	100

### Self Adhesive Mounting Bases MB Range

- Quick assembly in clean applications
- Allows 4 way entry for HellermannTyton cable ties
- Ideal for use where panel access is limited
- Stabilise and secure wiring bundles



The MB range is available in Natural and Black.  
Loading is dependent on the surface to which the adhesive is applied, temperature in service and the curing time once affixed.

MB Range - Virgin Grade PA66							
Reference	A mm	B mm	C mm	Cable Tie Width mm	HellermannTyton Cable Ties	Standard Colours	Pack Qty
MB2A	13	13	4.1	2.5	Up to T18 series	Natural/Black	50
MB3A	19	19	4.3	3.5	Up to T30 series	Natural/Black	100
MB4A	28	28	4.7	5.6	Up to T50 series	Natural/Black	100
MB5A	38	38	6.3	7.6	Up to T120 series	Natural	100



## Screw Fixing Mounts

- LKC with overlapping curved design

Designed specifically for holding heavier cable bundles these mounting bases can be used in many industries from agriculture to truck manufacture. They offer a very secure fixing and can be used with a wide variety of heavy duty cable ties up to 13mm wide.

### Features and Benefits:

- Curved design for additional cable support
- Simple to install with a screw or bolt
- Excellent security, particularly in areas of high vibration



Mounting Cradles - Virgin Grade PA66						
Reference	Length mm	Width mm	Height mm	Max. Cable Tie Width mm	Screw Fixing	Pack Qty
LKC	25	17	13.5	8	M5	100
LKCSF1	19	40	16.8	13	M6	100



## Screw Fixing Mounts

- KR with curved design

Designed specifically for holding heavier cable bundles these mounting bases can be used in many industries from agriculture to truck manufacture. They offer a very secure fixing and can be used with a wide variety of heavy duty cable ties up to 7.6mm wide.



Mounting Cradles - Virgin Grade PA66						
Reference	Length mm	Width mm	Height mm	Max. Cable Tie Width mm	Screw Fixing	Pack Qty
KR6G5	18	12	9	6	M4	100
KR8G5	25	14.5	12	8	M6	100



### Two Piece Fixing Ties with Clip Coupler

- T50R Coupler for max. bundles 2 x 50mm
- T120R Single Coupler for max. bundles of 1 x 1000
- T120R Coupler for max. bundles of 2 x 1000mm
- Coupler can be used for parallel routing of two cable ties.
- The second tie can be used for post-installations.

### Features and Benefits

The Coupler is the simple way to connect two cable ties for a parallel routing of two bundles. This special design allows the ties to be rotated 90 degrees. This is ideal for all applications where the cable, pipe or hose should move in relation to the fixing point.

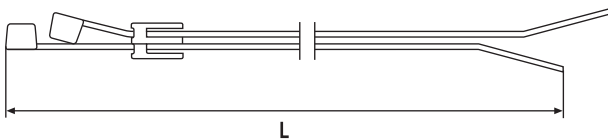
The Coupler can be used with one or two cable ties. This allows easily subsequent installation or replacements of further cables, pipes or hose.



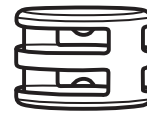
Can be used for parallel routing of two cable ties



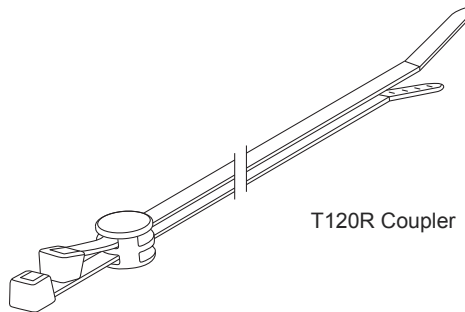
The second tie can be used for post installations



T120R Coupler with 2 cable ties



Coupler



T120R Coupler

COUPLER							
Reference	Length mm	Width mm	Bundle diameter Max	Mimumum Tensile Strength	Material	Colour	Pack Qty
T50R COUPLER	200	4.6	50	225	PA66HIRHS	Black (BK)	500
T50R COUPLER	200	4.6	50	225	PA46	Grey (GY)	500
T120R SINGLE COUPLER	380	7.6	100	535	PA66HIRHS	Black (BK)	1000
T120R COUPLER	380	7.6	100	535	PA66HIRHS(S)	Black (BK)	500

#### Screw Fix Cable Tie Accessories

- Mounting bases for restricted spaces
- Fixing Heads to convert cable ties to mounting head ties
- Colour - black or natural



Side Mounting Tie Cradle - Virgin Grade PA66

Reference	A mm	B mm	C mm	Max. Cable Tie Width mm	Screw Fixing	Pack Qty
LKM	27	12	16	7.6	M6	100



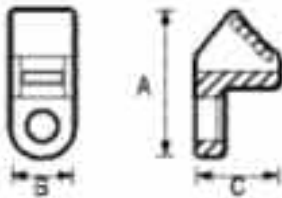
Low Profile Mounting Bases - Virgin Grade PA66

Reference	A mm	B mm	C mm	Max. Cable Tie Width mm	Screw Fixing	Pack Qty
MB1	12.5	8	3.5	2.9	M2.5	100
MB2	20.5	12.5	3.3	5.0	M5	100



Tie Fixing Heads - Virgin Grade PA66

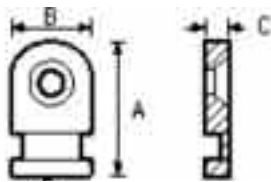
Reference	A mm	B mm	C mm	Max. Cable Tie Width mm	Screw Fixing	Pack Qty
FH18	13.3	7.1	4.0	2.5	M5	100
FH30	17.9	9.5	4.7	3.5	M5	100
FH50	22.2	11.3	6.2	4.6	M6	100



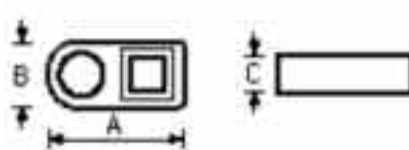
LKM



MB1



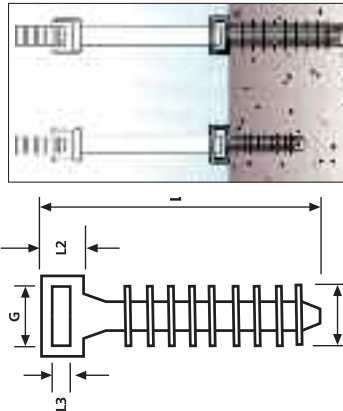
MB2



FH SERIES

### LOK-Series

- Secure cable or pipe runs to brick, concrete or wood
- Simply drill hole and push fit
- Designed for use with HellermannTyton cable ties up to 9mm wide
- Standard colour black



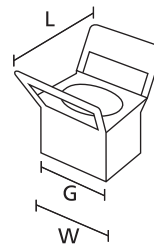
LOK-Series - Virgin Grade PA66

Reference	Length mm	Width mm	Dia mm	Fixing Hole Dia	Pack Qty
LOK01	44	12.0	9.2	7.0 - 8.0	100
LOK01B	30	12.0	7.2	6.0	100



### Screw Fix Cradle

- Maximum diameter 5mm screw fixing
- Can also be secured to studs 6.35 - 7mm
- For use with HellermannTyton cable ties up to 9mm



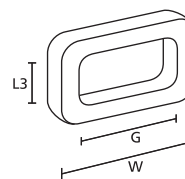
Screw Fix Cradle - Virgin Grade PA66

Reference	Length mm	Width mm	Height mm	Fixing Hole mm	Strap Width Max mm	Pack Qty
LOK02	21	14.0	18.0	5.1	9.0	100



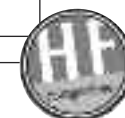
### Cable Tie Coupler

- Allows two ties to secure cables along posts or pipe work
- For use with HellermannTyton cable ties up to 9mm width



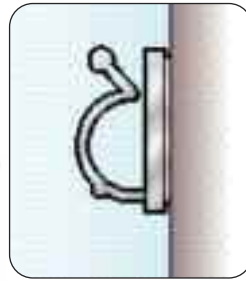
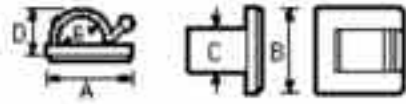
Cable Tie Coupler - Virgin Grade PA66

Reference	Length mm	Width mm	Strap Width mm	Colour	Pack Qty
LOK04	4.0	16.0	9.0	Black	100



#### RA-Clips

- Cost effective easy application on clean, smooth surfaces
- Circular design ideal for cable or pipe
- Standard Colour - Natural
- Self Adhesive

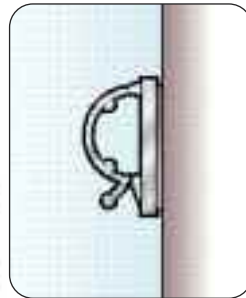


RA Clips - Virgin Grade PA66						
Reference	A mm	B mm	C mm	D mm	E mm	Pack Qty
RA3	13	13	5	5	3	100
RA6	19	19	5	9	6	100
RA9	19	19	7.5	12.5	9	100
RA13	25	25	10	16.5	13	100
RA18	28.5	28.5	10	23	18	100



#### RB-Clips

- RB self adhesive clips are ideal for cable or pipe bundles.
- Available to suit diameters of 5mm, 8mm and 14mm
- Colour - Natural

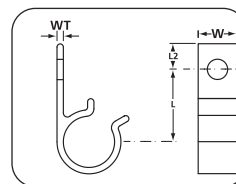


RB Clips - Virgin Grade PA66				
Reference	A mm	B mm	C mm	Pack Qty
RB5	19	6	19	50
RB8	25	11.5	25	50
RB14	33.2	16	27.4	50



#### D-Clips

- Available in 3 sizes
- Guaranteed cost saving by simply pressing the cable into the holder.
- The flexible grip makes removal easy
- 3 different bore diameters for fixing the holder are available
- Polyacetal (POM) material
- Colour Black



D Clips							
Reference	Length (L) mm	Length (L2) mm	Width mm	Wall (WT) mm	Fixing Hole Diameter	Bundle Diameter Max	Colour
4D10	17	8	15	2	4	10	Black (BK)
4D15	25	10	15	2	4	15	Black (BK)
4D20	28	10	15	2.5	4	20	Black (BK)
6D10	17	8	15	2	6	10	Black (BK)
6D15	25	10	15	2	6	15	Black (BK)
6D20	28	10	15	2.5	6	20	Black (BK)
8D10	17	8	15	2	8	10	Black (BK)
8D15	25	10	15	2	8	15	Black (BK)
8D20	28	10	15	2.5	8	20	Black (BK)

### Cable Clips for SWA Cables

A range of black polypropylene fixings suitable for use with SWA cables as listed. Also suitable for fixing conduit.

Supplied complete with masonry nails. Packed in quantities of 25 of one size together with nails. Hole diameter of 5mm in SWA 83 and SWA 98 and 6mm in SWA 106 means that screw fixing can be used in place of a nail if required. Screw not included.



Nail Fixings For SWA Cables

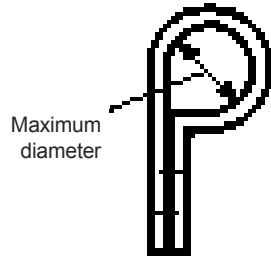
Reference	Cable Size	Pin Length	Pack Qty
SWA 46	2 Core 1.5mm 3 Core 1.5mm	35mm	25
SWA 53	2 Core 2.5mm 3 Core 2.5mm 4 Core 1.5mm	35mm	25
SWA 56	4 Core 2.5mm	35mm	25
SWA 61	2 Core 4.0mm 3 Core 4.0mm	35mm	25
SWA 65	2 Core 6.0mm	40mm	25
SWA 72	2 Core 16.0mm 3 Core 6.0mm 4 Core 6.0mm	40mm	25
SWA 83	2 Core 10.0 & 25mm 3 Core 10 & 16mm 4 Core 6.0mm	50mm	25
SWA 98	2 Core 35mm 3 Core 25mm 4 Core 10 & 16mm	50mm	25

Screw Fixings For SWA Cables

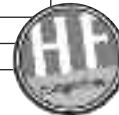
Reference	Cable Size	Pin Length	Pack Qty
SWA 106	2 Core 50mm 3 Core 35mm 4 Core 25mm	Screw Fixing	25

### P-Clips - Plastic

- H range offering more sizes for increased applications
- Secure fixing for cables and pipes
- Available in 18 sizes
- Natural Sizes 3.2 - 35m
- Black Size 3.2 - 25.4m



H Clip Natural		
Reference	Max Diameter mm	Pack Qty
H1P-NT	3.2	100
H2P-NT	5.00	100
H3P-NT	6.50	100
H4P-NT	8.00	100
H5P-NT	9.50	100
H6P-NT	11.00	100
H7P-NT	12.50	100
H8P-NT	14.00	100
H9P-NT	16.00	100
H10P-NT	17.50	100
H11P-NT	19.00	100
H12P-NT	20.50	100
H13P-NT	22.00	100
H14P-NT	24.00	100
H15P-NT	25.50	100
H16P-NT	28.50	100
H17P-NT	31.50	100
H18P-NT	35.00	100



H Clip Black		
Reference	Max Diameter mm	Pack Qty
H1P-BK	3.2	100
H2P-BK	5.00	100
H3P-BK	6.50	100
H4P-BK	8.00	100
H5P-BK	9.50	100
H6P-BK	11.00	100
H7P-BK	12.50	100
H8P-BK	14.00	100
H9P-BK	16.0	100
H10P-BK	17.5	100
H11P-BK	19.0	1000
H12P-BK	20.5	1000
H13P-BK	22.0	1000
H14P-BK	24.0	1000
H15P-BK	25.5	1000



## P-Clips - Aluminium

- Protected with Black Chloroprene
- Easy to apply around cables or pipes
- Good resistance to mineral oils, lubricants, fuels, acids and alkalis
- Provides support and protects cables from vibration and chafing

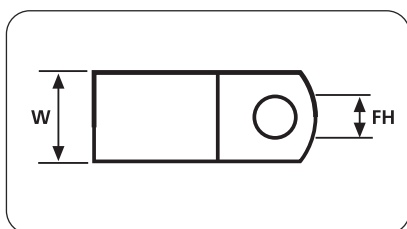


ALU Clips Aluminium					
Reference	Cable Diam mm	Fixing hole size mm	Width mm	Fixing hole length mm	Pack QTY
ALU-4C	3.2	5.2	16.3	11.6	100
ALU-5C	4.8	5.2	16.3	12.6	100
ALU-6C	6.4	5.2	16.3	13.4	100
ALU-7C	8.0	5.2	16.3	14.2	100
ALU-8C	9.5	5.2	16.3	15	100
ALU-9C	11.1	5.2	16.3	15.8	100
ALU-10C	12.7	5.2	16.3	16.6	100
ALU-11C	14.3	5.2	16.3	19.1	100
ALU-12C	15.9	5.2	16.3	19.9	100
ALU-13C	17.5	5.2	16.3	20.7	100
ALU-14C	19.1	5.2	16.3	21.5	100
ALU-15C	20.6	5.2	16.3	22.3	100
ALU-16C	22.2	5.2	16.3	23.1	100
ALU-17C	23.8	5.2	16.3	23.9	100
ALU-18C	25.4	5.2	16.3	24.6	100
ALU-19C	27	5.2	16.3	25.5	50
ALU-20C	28.6	5.2	16.3	27	50
ALU-22C	31.8	5.2	16.3	28.6	50

## P-Clips - Stainless Steel

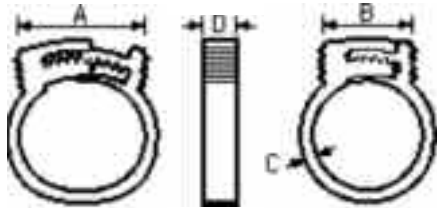
- Easy to apply around cable or pipes

AFCSS					
Reference	Cable Diam mm	Fixing hole size mm	Width mm	Fixing hole length mm	Pack QTY
AFCSS10	5	11	11	Metal	10
AFCSS12	5	11	14	Metal	10
AFCSS16	5	11	17	Metal	10
AFCSS20	5	11	21	Metal	10
AFCSS25	5	11	25	Metal	10
AFCSS32	5	11	34	Metal	10
AFCSS40	6.9 x 8.8	12.7	44	Metal	5
AFCSS50	6.9 x 8.8	12.7	54	Metal	5



## Snapper Hose Clips

- Quick ratchet plastic hose clip
- Cannot rust or corrode
- Can be applied with hose in place
- Will not damage hose
- Range of sizes from 8.7-38.9mm
- See table below for quick reference
- Standard colour natural



Snapper Hose Clips - Acetal (POM)									
Reference	A mm	B mm	C mm	D mm	Maximum Dia mm	No of teeth engaged	Minimum Dia mm	Pack Qty	
SNP2	21	17	1.5	6.0	10.0	1	8.7	100	
SNP3	25	19	1.8	6.0	11.4	1	10.0	100	
SNP4	23	19	1.8	6.0	12.3	2	10.8	100	
SNP6	24	19	1.8	6.0	13.7	2	12.0	100	
SNP8	24	19	1.8	6.0	15.3	2	13.7	100	
SNP10	24	19	1.8	6.0	16.8	2	15.0	100	
SNP12	24	19	1.8	6.0	18.4	2	16.8	100	
SNP14	24	19	1.8	6.0	19.9	2	18.1	100	
SNP16	24	19	1.9	6.0	21.7	2	19.9	100	
SNP18	22	16	1.9	6.0	23.0	2	21.4	100	
SNP20	26	20	1.8	6.0	24.7	2	22.7	100	
SNP22	26	20	1.6	6.0	27.3	2	25.3	100	
SNP24	26	20	2.0	6.0	28.0	2	26.5	100	
SNP32	34	27	2.0	7.5	33.1	2	30.3	100	
SNP34	34	27	2.0	7.5	35.1	2	32.5	100	
SNP36	34	27	2.0	7.5	37.1	2	34.8	100	
SNP38	34	27	2.0	7.5	38.9	2	36.7	100	

Sizes up to 60mm available on request.

Standards for HellermannTyton Cable Ties

Type	Length	Width	UL/UR	GL	BV	DNV	VG 95387 T04 PA66HS-Natural	VG 95387 T04 PA66W-Black	VG 95387 T04 PA66-Natural	SAT A523190 (MIL MS 3367)
T185	83	2,3	●	●					A105A	MS 3367-42
T188	100	2,5	●	●	●	●	A201L	A106B	A106A	MS 3367-42
T18RA	100	2,5	●							MS 3367-42
T18RDS	100	2,5								
T18I	140	2,5	●	●	●	●				
T18L	200	2,5	●	●	●	●				
T25L	240	2,8	●	●	●	●				
T25LL	330	2,8	●	●	●	●				
T30R	150	3,5	●	●	●	●	A206L	A107B	A107A	MS 3367-92
T30ROS	145	3,4								
T30L	100	3,5	●	●	●	●		A107B	A107A	
T30LOS	200	3,4								
T30LL	285	3,5	●	●	●	●				
T30LR	260	3,3			●					
T40S	145	3,5								
T40R	175	4,0	●	●	●					
T40I	290	4,0	●			●				
T40L	365	4,0	●	●						
T50S	150	4,6	●	●	●	●				
T50SOS	150	4,6								
T50R	200	4,6	●	●	●	●	A202L	A108B	A108A	MS 3367-12
T50ROS	200	4,6								
T50RDH	700	4,6	●		●	●				
T50MOS	245	4,6								
T50I	300	4,6	●	●	●	●	A203L	A109B	A109A	MS 3367-22
T50IDH	300	4,6	●							
T50L	390	4,6	●	●	●	●	A205L	A110B	A110A	MS 3367-22
T50LOS	384	4,8								
T50LDH	390	4,6	●			●				
T50LL	445	4,6			●	●				
T80R	210	4,7	●	●	●		A202L 4			
T80I	300	4,7	●	●	●					
T80L	390	4,7	●	●	●		A205L			
T120S	225	7,6	●	●	●	●				
T120R	300	7,6	●	●	●	●				
T120R	380	7,6	●	●	●	●		A111B	A111A	MS 3367-32
T120M	460	7,6		●	●	●				
T120XM	600	7,6			●					
T120L	760	7,6	●	●	●	●		A112B	A112A	MS 3367-62
T150R	365	7,6	●	●	●	●	A204L			
T150M	530	8,9	●	●	●	●				
T150L	820	8,9	●	●	●	●				
T150LL	925	8,9	●	●	●	●				
T150KL	1095	8,9	●	●	●	●				
T150KLL	1325	8,9	●		●	●				
T250S	225	12,5	●		●					
T250R	520	12,5	●		●					
T250M	565	12,5	●		●					
T250L	725	12,5	●		●					
T250L	880	12,5	●		●					
T250XL	1030	12,5	●							
T255S	225	12,5	●							
T255R	520	12,5	●							
T255M	565	12,5	●							
LK2	120	4,8		●	●					
LK2A	270	4,6	●	●	●	●				

## Standards for HellermannTyton Cable Ties

Type	Length	Width	UL/UR	GL	BV	DNV	VG 95387 T04 PA66W-Black	VG 95387 T04 PA66-Natural	E.A.D.F.
PT2A	145	3.4		● <sup>1</sup>					
PT220	220	4.7		● <sup>1</sup>					
PE180	180	9.0			●				HN-33-5-62/97
RPE275	275	9.0							HN-33-5-62/97
RPE350	350	9.0							HN-33-5-62/97
PE530	535	9.0			●				HN-33-5-62/97
LPH175	175	9.0			●	●			
LPH275	275	9.0			●	●			
LPH350	350	9.0			●	●			
CTT20R	200	2.5		● <sup>1</sup>					
CTT60R	205	4.7		● <sup>1</sup>					
LRT230	230	7.6			●				
RLT120	340	7.6		● <sup>2</sup>	●				
RLT150	370	8.9		● <sup>2</sup>	●				
REL100	100	6.5	●						
REL140	140	7.5	●						
REL250	250	7.5	●						
RT40R	217	3.0	●						
RELK2B	200	4.6			●	●			
RELK2M	250	4.6			●	●			
RELK2I	300	4.6			●				
RELK2L	350	4.6			●	●			
RT50R	140	6.6	●						
RT50S	165	4.8	●						
RT250S	230	12.5	●		●	●			
RT250R	315	12.5	●		●	●			
RT250M	370	12.5	●		●	●			
RT250I	429	12.5	●			●			
RT250L	479	12.5	●			●			
RT250XL	525	12.5	●			●			
T18MR	110	2.3	●				8001B	8001A	
IT18R	100	2.3	●			●			
IT18FL	110	2.5	●			●			
T30MR	160	3.5	●				8002B	8002A	
T30RSF	165	3.5	●						
IT50RT	205	4.7	●						
IT50L	390	4.7	●			●			
T50ML	400	4.8	●						
T50MR	215	4.6	●				8004B	8004A	
T50MS	160	4.6	●						
IT50R	203	4.6	●			●			
T50RSF	215	4.8	●						
T120MR	400	7.6	●				8005B	8005A	
KRB/35	350	6.0		● <sup>3</sup>					
KRB/21	210	8.0		● <sup>3</sup>					
KRB/33	330	8.0		● <sup>3</sup>					

<sup>1</sup> Polyamide 6.6 (PA66), Polyamid 6.6 UV Resistant (W) black<sup>2</sup> Polyamide 6.6 (PA66) natural, Polyamid 6.6 UV Resistant (W) black<sup>3</sup> Polyamide 6.6 (PA66) natural, Polyamide 6.6 Heat stabilised (HS) natural, Polyamid 6.6 UV Resistant (W) black<sup>4</sup> Polyetheretherketone (PEEK)

Subject to changes.

## HellermannTyton UL-File Nr.:

E 64 13 9

E 64 96 2

E 64 96 3

E 65 34 4

E 85 31 9

E 19 38 18

### Standards for HellermannTyton Cable Ties

Type	Length	Width	GL	UV	DMV	DEF STAN
MAT8557	230	7,0		● <sup>1</sup>		
MAT12557	330	7,0		● <sup>1</sup>		
MAT16557	430	7,0		● <sup>1</sup>		
MAT24557	630	7,0		● <sup>1</sup>		
MAT85512	230	12,0		● <sup>1</sup>		
MAT125512	330	12,0		● <sup>1</sup>		
MAT165512	430	12,0		● <sup>1</sup>		
MAT245512	630	12,0		● <sup>1</sup>		
MAT855C7	230	7,0				
MAT1255C7	330	7,0				
MAT1655C7	430	7,0				
MAT2455C7	630	7,0				
MAT855C12	230	12,0				
MAT1255C12	330	12,0				
MAT1655C12	430	12,0				
MAT2455C12	630	12,0				
MBT55	127	4,6	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	
MBT85	201	4,6	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	
MBT145	362	4,6	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	
MBT205	521	4,6	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	
MBT275	681	4,6	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	
MBT335	838	4,6	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	
MBT8H	201	7,9	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	
MBT14H	362	7,9	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	
MBT20H	521	7,9	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	
MBT27H	681	7,9	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	
MBT33H	838	7,9	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	
MBT14XH	362	12,3	● <sup>1</sup>	● <sup>1</sup>		
MBT20XH	521	12,3	● <sup>1</sup>	● <sup>1</sup>		
MBT27XH	681	12,3	● <sup>1</sup>	● <sup>1</sup>		
MBT33XH	838	12,3	● <sup>1</sup>	● <sup>1</sup>		
MLT8555	230	5,0		● <sup>1</sup>		
MLT12555	330	5,0		● <sup>1</sup>		
MLT16555	430	5,0		● <sup>1</sup>		
MLT24555	630	5,0		● <sup>1</sup>		
MLT85510	230	10,0		● <sup>1</sup>		
MLT125510	330	10,0		● <sup>1</sup>		
MLT165510	430	10,0		● <sup>1</sup>		
MLT245510	630	10,0		● <sup>1</sup>		
Protective Channel LFPC70	–	7,0				61-12/31
Protective Channel LFPC103	–	10,3				61-12/31
Protective Channel LFPC150	–	10,3				61-12/31

<sup>1</sup> Stainless Steel type 316 uncoated  
Subject to changes.

### Standards for HellermannTyton Fixing Bases

Type	Length	Width	UL/UR	Type	Length	Width	UL/UR
Mounting Bases MB1	17,5	8,0	●	Mounting Bases CTAM1	20,3	10,2	●
Mounting Bases MB3	19,0	10,0	●	Mounting Bases CTAM2	20,3	10,2	●
Mounting Bases MB4	28,0	28,0	●	Mounting Bases CTAP2	34,0	13,7	●
Mounting Bases MB5	38,0	38,0	●	Mounting Bases CTAP3	54,1	13,7	●
Mounting Bases MB3A Self Adhesive Mounting Bases	19,0	10,0	●	Mounting Bases MSMP5	204,0	15,7	●
Mounting Bases MB4A Self Adhesive Mounting Bases	28,0	28,0	●	Mounting Bases MSMP6	242,0	15,7	●
Mounting Bases MB5A Self Adhesive Mounting Bases	38,0	38,0	●	Mounting Bases TM1SF	10,2	7,6	●