

6.1 Application Tooling for Cable Ties 150



The EVO family delivers maximum performance whilst protecting muscles and joints

The next generation of application tools impresses with its advanced technology.

With the EVO family HellermannTyton has developed truly ergonomic cable tie application tools that are unique in the market, perfectly combining convenience with function. **The heart of the EVO family is the innovative TLC-technology (Tension/Lock/Cut).** This is designed to revolutionise the application of cable ties by significantly reducing the cutting effort. The EVO family cuts cable ties with ease, delivering a flush clean finish with no excess strap, whilst enormously reducing physical strain on the user.



The patent-pending TLC-technology delivers increased productivity:

- Application force and effort are significantly reduced
- Precise cutting of the cable tie right at the head
- Smooth fastening of the cable tie without recoil
- Protects muscles and joints and herewith the health of the user

Perfect cutting made easy with the EVO family:

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



1. Tension

Tension the cable tie as usual. Use the tension adjustment knob to select the desired tension setting.



2. Lock

The 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.



3. Cut

For the final cut, very little effort is needed. By simply pulling the trigger back a little to cut the tie. Without recoil and vibration.



Manual Tensioning Tool Plastic Housing

EVO7 up to 4.8 mm strap width

At the heart of the EVO 7 lies revolutionary, patent-pending Tension/Lock/Cut (TLC) technology that dramatically changes how cable ties are cut. The key is TLC's ability to lock each tie in place at the desired tension prior to cutting. Because the tension is fixed at the trigger when squeezing begins, only a minimum of hand force and a shorter range of motion is required to cut through each tie.

A. Easy Blade Replacement

One-way blade installation makes on-site blade replacement a snap.

B. Long Narrow Nose

Allows you to cut cable ties in the tightest of spaces quickly and easily.

C. Trigger

Made from soft-grip, non-slip material, the contoured full-length trigger incorporates individual finger grips to accommodate multiple hand sizes.

D. Integrated Hangar Hook

Allows easy storage and accessibility.

E. Contoured Ergonomically-Engineered Handle

Crafted from soft-grip, non-slip material, the grip features an integrated air cushion that conforms to your hand for maximum comfort.



The EVO7: Maximum performance with minimum effort.

F. Tension Knob

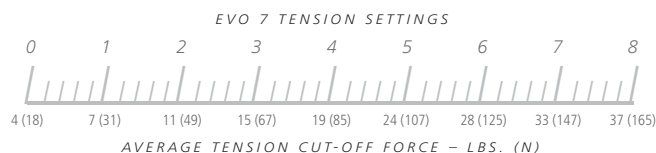
Rotate the knob to any of 33 precise pre-set tension settings.

G. Thumb Lock

To unlock the tension knob, slide the non-slip thumb lock forward, adjust to desired tension setting and release the thumb lock to lock in place.

H. Impact-Resistant Housing

Made from durable, light-weight composite, the EVO 7 weighs 9.7 oz. (0.275 kg), resists chemical contamination and is built to stand up to the toughest industrial environments.



TYPE	Description	Strap Width max.	Strap Thickness max.	Weight	Article-No.
EVO7	Standard hand span 3.5" (90mm)	4.8	1.5	0.28 kg	110-70129
EVO7SP	Short span 3.1" (80mm)	4.8	1.5	0.28 kg	110-70130
BLADEKIT	Blade replacement kit for EVO 7 and EVO7SP. Contains (1) Blade & (1) Nose piece screw	-	-	0.01 kg	110-70106
T8SD	T8 Star Driver for removal/insertion of tension lock out screw	-	-	-	110-70091
CALTOOL	Calibration Tool for removal of cap at the back of tension knob and for calibrating tool on site	-	-	-	110-70089
UC200	UC200 Tension Gauge for tensile read outs when calibrating tool on site	-	-	-	110-99000

All dimensions in mm. Subject to technical changes.



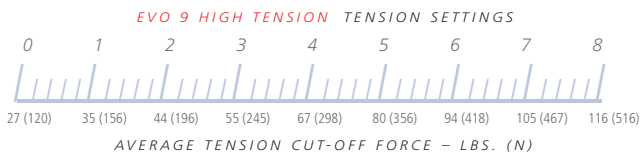
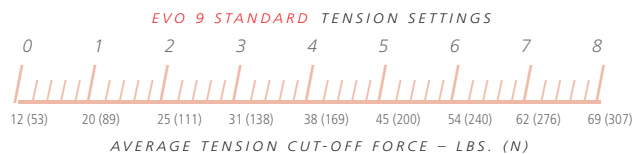
Manual Tensioning Tool Plastic Housing

EVO9 up to 13 mm strap width

The EVO9 is available in a standard grip span 90 mm (EVO9) or short grip span 80 mm (EVO9SP), for smaller hands. Both tools perform between 53N and 307N. The EVO9HT is the "high tension" version of the EVO9 family. Developed for maximum tensile strength this tool performs between 120N and more than 516N. The EVO9 family was designed to apply HellermannTyton cable ties with a maximum width of 13 mm.

Features and Benefits

- Tension and Cuts
- Standard grip span (90 mm) and short grip span (80 mm) available
- Ergonomic, slip-proof handle for a comfortable and secure grip
- Extremely low maintenance
- Fast and precise application with minimum effort (TLC mechanism)
- Convenient and simple tension adjustment
- Integrated 3 position quick adjustment override
- Housing made of resilient and lightweight glass fibre-reinforced polyester



The EVO9 with TLC-Technology.



The EVO9HT with TLC-Technology.



One Step to the Web!

TYPE	Description	Strap Width max.	Strap Thickness max.	Weight	Article-No.
EVO9	Standard hand span 90 mm	13.0	2.0	0.36 kg	110-80002
EVO9SP	Short grip span 80 mm	13.0	2.0	0.36 kg	110-80003
EVO9HT	EVO9 High Tension tool has the same design features as the EVO7 but offers an increased tension range.	13.0	2.0	0.36 kg	110-80017
Replacement Blade	Replacement blade for EVO9	-	-	0.01 kg	110-80037
T8SD	T8 Star Driver for removal/insertion of tension lock out screw	-	-	-	110-70091
CALTOOL	Calibration Tool for removal of cap at the back of tension knob and for calibrating tool on site	-	-	-	110-70089
UC200	UC200 Tension Gauge for tensile read outs when calibrating tool on site	-	-	-	110-99000

All dimensions in mm. Subject to technical changes.



For product specific approvals and specifications please refer to the Appendix.



Manual Tensioning Tool for KR-Series

KR6/8

Application tool KR6/8 crimps the glass-fibre-reinforced locking pin of the KR seal and leads to plastic deformation of the tie ends. This produces a very proof permanent connection.

Features and Benefits

- Tough metal tool
- For applying KR-cable ties only
- For tensioning, fixing and cutting KR-cable ties
- Simply change the front plate to apply two different strap widths: 6 mm and 8 mm



The manual tensioning tool KR6/8 for KR-Series cable ties.

TYPE	Description	For Ties	Strap Width max.	Weight	Article-No.
KR6/8	KR6/8	KR6, KR8	8.0	0.52 kg	121-00680
SP KR6/8 replacement blade	-	KR6, KR8	-	0.01 kg	122-68019

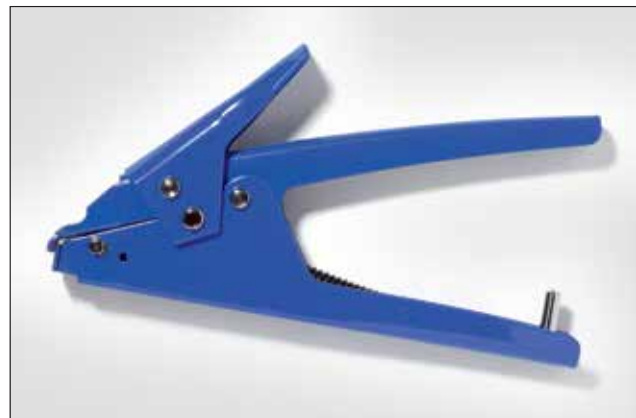
All dimensions in mm. Subject to technical changes.

Manual Tensioning Tool for Nylon Cable ties with low profile head

TG009 up to 9.5 mm strap width

Features and Benefits

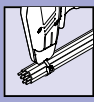
- Ideal for easy handling of entire HellermannTyton RPE, PE series
- Tensions and cuts off prelooped cable ties flush at the head



MK10-SB.

TYPE	Strap Width max.	Strap Thickness max.	Weight
TG009	9.5	2.5	0.33 kg

All dimensions in mm. Subject to technical changes.



Manual Tensioning Tool For Nylon Cable Ties

TG008 - Steel Frame

Features and Benefits

- For nylon cable ties only with adjustable tensioning force
- This lightweight tool is ideal for heavy duty production work
- The TG008 can be used for T18, T30 and T50 series cable ties
- Metal Frame
- Maximum width of tie: 4.8mm



TG008 is suitable for use in high volume production.

Manual Tensioning Tool for Stainless Steel Ties MBT-Series

HT338 - Budget

Features and Benefits

- Fastens and automatically cut ties with adjustable bundling pressure
- Tension adjusting indicator
- Cable tie thickness up to 0.3mm. Width up to 7.9mm
- Suitable for HellermannTyton MBT cable ties MBT8, MBT14, MBT20 and MBT27



HT338.

Manual Tensioning Tool for Metal Ties Stainless Steel

MK9SST up to 16.0 mm strap width

The MK9SST is constructed with heavy duty parts to ensure optimum performance. It is designed to apply our MBT cable ties with a strap width of up to 16 mm. The tool is ideally suited for use in most arduous environments such as found on board ships, oil rigs, constructions or in nuclear power stations.

Features and Benefits

- Glass-fibre-reinforced housing
- Ergonomic design
- Consistent tensioning and automatically cutting of metal ties MBT-series
- Infinitely adjustable tension force combined with two-step quick adjustment



MK9SST.

TYPE	Description	Strap Width max.	Strap Thickness max.	Weight	Article-No.
MK9SST	Adapted for use with stainless steel ties.	16.0	0.5	0.60 kg	110-95000
SP MK9SST replacement blade	Replacement Blade	-	-	0.01 kg	110-95273

All dimensions in mm. Subject to technical changes.



Manual cutting tool for plastic ties

EVO cut

The EVO cut is a cutting tool for plastic ties, which ensures the cut of the strap while preserving wires and harnesses from being damaged. This applies to flexible cables, bundles and lines as well as rigid bundled goods. Its use is recommended in many applications for which wires and harnesses have a high value added. Especially for sensitive cable harnesses the use of the EVO cut is recommended.

The cutting tool is made of a lightweight plastic housing and an ergonomic, non-slip handle for a comfortable and secure grip. The tool includes three interchangeable nosepieces for plastic cable ties of varying widths and thicknesses.

Features and benefits

- Cutting tool for plastic ties
- Tie can be cut off at any part of the strap
- Ensures the cable isolation from being damaged
- Light-weighting plastic housing, ergonomic design
- Single-handed operation
- Includes three interchangeable nosepieces for respective cable tie width and thickness



EVO cut – Cutting tool for plastic ties.



Tie can be cut off at any part of the strap.



www.HellermannTyton.com/EVOcut-cat22



Single-handed operation.

PART No	Description	Strap Width max.	Strap Thickness max.	Weight	Article-No.
EVO CUT	Cutting Tool	2-7.8	1.8	0.14 kg	110-05005

All dimensions in mm. Subject to technical changes.