

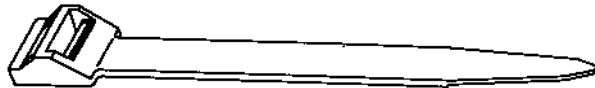
Heavy Duty Lashing Ties



| Heavy Duty Ties | | | | | | | |
|--------------------------|------------------|------------------------------|------------------------------|-------------------------|------------------------|-----------|------------------------------------|
| HellermannTyton Part No. | Gov. Designation | Min. Tensile Strength (lbs.) | Maximum Bundle Dia. In. (mm) | Approx. Length In. (mm) | Approx. Width In. (mm) | Pkg. Qty. | HellermannTyton Installation Tools |
| T120S9K2 T120S9H4 | | 120 | 2" (50.8) | 8-7/8" (225.4) | .30" (7.6) | 50 500 | TWT2, MK6PN, MK9 |
| T120I9K2 T120I9H4 | | 120 | 3" (76.2) | 11-7/8" (301.6) | .30" (7.6) | 50 500 | |
| T120R9K2* T120R9H4* | MS3367-3 | 120 | 4" (101.6) | 15-1/4" (387.4) | .30" (7.6) | 50 500 | |
| T120L9K2* | MS3367-6 | 120 | 8-3/4" (222.3) | 29-3/4" (755.7) | .30" (7.6) | 50 | |
| T150R9X2** | MS3367-3 | 175 | 4" (101.6) | 15" (381.0) | .35" (8.9) | 25 | TWT2, T150, T250, MK6PN, MK9 |
| T150M9X2** | MS3367-3 | 175 | 6" (152.4) | 21" (533.4) | .35" (8.9) | 25 | |
| T150L9X2** | MS3367-6 | 175 | 9" (228.6) | 32" (812.8) | .35" (8.9) | 25 | |
| T150LL9X2 | | 175 | 11" (279.4) | 36" (914.4) | .35" (8.9) | 25 | |
| T150XL9X2 | | 175 | 13" (330.2) | 43" (1092.2) | .35" (8.9) | 25 | |
| T150XLL9X2 | | 175 | 14" (355.6) | 52" (1320.8) | .35" (8.9) | 25 | |

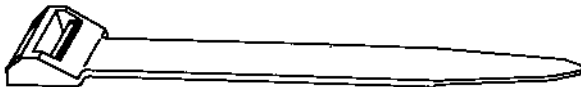
Ties listed above are natural. Black colored cable ties are also available in nearly every size. Insert a "0" instead of "9" in the part number. Other colors may be available. See color chart on page 10. T150 Series available as releasable ties. When ordering, use HellermannTyton Part No. RT150.

*AS23190E (formerly MIL-S-23190E) (Type I Class 1) **HellermannTyton QPL23190 listed as exceeding the tensile strength or length and meeting MS3367 (Type I Class 2)



| Heavy Duty T250 Series Ties | | | | | | |
|-----------------------------|------------------------------|------------------------------|-------------------------|------------------------|-----------|------------------------------------|
| HellermannTyton Part No.* | Min. Tensile Strength (lbs.) | Maximum Bundle Dia. In. (mm) | Approx. Length In. (mm) | Approx. Width In. (mm) | Pkg. Qty. | HellermannTyton Installation Tools |
| T250S9X2 | 250 | 2" (50.8) | 9" (228.6) | .50" (12.7) | 25 | MK9, T250 |
| T250R9X2 | 250 | 5" (127.0) | 20" (508.0) | .50" (12.7) | 25 | |
| T250M9X2 | 250 | 6" (152.4) | 23" (584.2) | .50" (12.7) | 25 | |
| T250I9X2 | 250 | 8" (203.2) | 29" (736.6) | .50" (12.7) | 25 | |
| T250L9X2 | 250 | 10" (254.0) | 35" (889.0) | .50" (12.7) | 25 | |
| T250XL9X2 | 250 | 12" (304.8) | 40" (1016.0) | .50" (12.7) | 25 | |

Ties listed above are natural. Black colored cable ties are also available in nearly every size. Insert a "0" instead of "9" in the part number. Other colors may be available. See color chart on page 10. *T250 Series available as releasable ties. When ordering, use HellermannTyton Part No. RT250.



HellermannTyton's T255 series heavy duty cable ties are the perfect tie for use with the Heavy Duty Mounts (see page 46). Available in both releasable and standard versions, this adjustable tie can eliminate the need for various sizes of metal P-clamps when used with the Heavy Duty Mounts. Standard material is black high impact nylon 6/6, ideal for high vibration applications. T255 ties are similar to the T250 series, but with the buckle mount feature eliminated.

| Heavy Duty T255 Series Ties | | | | | | |
|-----------------------------|---------------------------------|---------------------------|-------------------------|------------------------|-----------|------------------------------------|
| HellermannTyton Part No. | Minimum Tensile Strength (lbs.) | Max. Bundle Dia. In. (mm) | Approx. Length In. (mm) | Approx. Width In. (mm) | Pkg. Qty. | HellermannTyton Installation Tools |
| T255S0HIRX2 | 250 | 2" (50.8) | 8.747" (222.17) | .492" (12.50) | 25 | MK9, T250 |
| T255R0HIRX2 | 250 | 5" (127.0) | 20.030" (508.77) | .492" (12.50) | 25 | |
| T255M0HIRX2 | 250 | 6" (152.4) | 22.114" (561.70) | .492" (12.50) | 25 | |

Ties listed above are natural. Black colored cable ties are also available in nearly every size. Insert a "0" instead of "9" in the part number. Other colors may be available. See color chart on page 10. T255 Series available as releasable ties. When ordering, use HellermannTyton Part No. RT255.

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, as well as for fuel, water, and air vacuum lines. Clamp ties are manufactured in natural and heat stabilized, high impact, black nylon 6/6.



| Clamp Ties | | | | | | |
|---------------------------|------------------------------|-------------------------------|--------------------------|-------------------------|-------------|---|
| Hellermann Tyton Part No. | Min. Tensile Strength (lbs.) | Maximum Bundle Dia. In. (mm.) | Approx. Length In. (mm.) | Approx. Width In. (mm.) | Pkg. Qty. | Hellermann Tyton Installation Tools |
| CTT20R9C2 CTT20R9M4 | 20 | 7/8" (22.2) | 4" (101.6) | .09" (2.2) | 100 1000 | TWT1, MK3P, MK7, MK7P, MK9 |
| CTT60R9C2 CTT60R9M4 | 60 | 1-3/4" (44.4) | 8" (203.2) | .18" (4.6) | 100 1000 | TWT1, MK3P, MK6PN, MK7, MK7P, MK9 |
| CTT60L9C2 CTT60L9M4 | 60 | 4" (101.6) | 15" (381.0) | .18" (4.6) | 100 1000 | |

Ties listed above are natural. Contact HellermannTyton for heat stabilized, high impact, black nylon 6/6 information.

Kabelrap Bundling System

- Very high bundling strength
- Particularly resistant to salt water, oils, greases, and hydraulic fluids
- Material - Weather resistant, nylon 6/6, black
- Special, **required** hand tool shown upper right Part No. 121-00680



Black is standard color. Natural is available based upon minimums, custom terms, and lead times.



Required Tool –
121-00680



Kabelrap
Application



Kablerap Bundling System

| HellermannTyton Part No. | Material/ Color | Min. Tensile Strength (lbs.) | Maximum Bundle Dia. In. (mm.) | Approx. Length In. (mm.) | Approx. Width In. (mm.) | Pkg. Qty. | Required Installation Tool |
|--------------------------|-------------------------------------|------------------------------|-------------------------------|--------------------------|-------------------------|-----------|----------------------------|
| 121-61860 | Weather Resistant, Nylon 6/6, Black | 110 | 1-1/2" (39) | 7-1/4" (183) | .24" (6.0) | 50 | 121-00680 |
| 121-63560 | | 110 | 3-3/4" (93) | 14" (356) | .25" (6.4) | 50 | |
| 121-82160 | | 175 | 1-3/4" (47) | 8-1/4" (210) | .31" (8.0) | 50 | |
| 121-83360 | | 175 | 3-3/8" (86) | 13-1/4" (337) | .31" (8.0) | 50 | |

Grip Ties

The Grip Tie is a low profile, one piece fastening device. Constructed of polyethylene hook and nylon loop material, laminated back to back, the Grip Tie features quick release for repetitive access to cable and wire. It can be opened and closed numerous times without failure. The Grip Tie is reusable, adjustable, releasable, and easy to install. Its design provides ease of installation in tight areas such as telecommunications closets and will not get caught on other cables. The tie also will not cause damage to Category 5 plus or fiber optic cable since it cannot be overcinched.

Available in a large color variety as well as different sizes including 6", 8", 11", and 15", the Grip Tie is versatile enough for applications ranging from network installations to bundling power cords. An assortment pack containing the four different sizes and six different colors is also available. For custom-cut lengths, the hook and loop strap also comes on a five yard roll. With a minimum purchase quantity, Grip Ties can be customized with an imprint indicating a company name.



Grip Tie Rolls

For custom cut lengths, HellermannTyton offers Grip Ties on a 5 yard or 25 yard roll. Ideal for job site applications, desired lengths can be cut on the spot.

| Grip Tie Rolls | | | | |
|--------------------------|--------|------------------|-----------------|-----------|
| HellermannTyton Part No. | Color | Length In. (mm.) | Width In. (mm.) | Pkg. Qty. |
| GT.75X1800 | Black | 180" (4,572.0) | 0.75" (19.0) | 1 roll |
| GT.75X1802 | Red | 180" (4,572.0) | 0.75" (19.0) | 1 roll |
| GT.75X1803 | Orange | 180" (4,572.0) | 0.75" (19.0) | 1 roll |
| GT.75X1804 | Yellow | 180" (4,572.0) | 0.75" (19.0) | 1 roll |
| GT.75X1805 | Green | 180" (4,572.0) | 0.75" (19.0) | 1 roll |
| GT.75X1806 | Blue | 180" (4,572.0) | 0.75" (19.0) | 1 roll |
| GT.75X9000 | Black | 900" (22,860.0) | 0.75" (19.0) | 1 roll |

Grip Tie Assortment Pack

For a variety of Grip Ties, an assortment pack containing 4 different sizes and 6 different colors is available.

| Grip Tie Assortment Pack | |
|--------------------------|---|
| HellermannTyton Part No. | Contents |
| GTASST | One (1) Orange 6" Grip Tie (GT.50X63) One (1) Yellow 6" Grip Tie (GT.50X64) One (1) Blue 8" Grip Tie (GT.50X86) One (1) Black 8" Grip Tie (GT.50X80) One (1) Green 11" Grip Tie (GT.50X115) One (1) Red 15" Grip Tie (GT.75X152) |

Turn page for more Grip Tie information.

Grip Tie Part Numbers

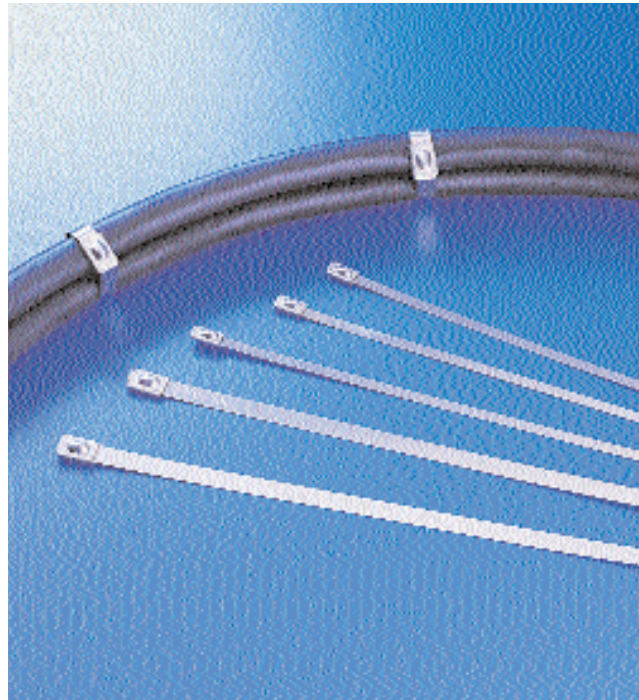


Hook and loop material Grip Ties prevent over-cinching of cables and come in many colors and styles – including write-on and flame rated versions.

| Grip Ties | | | | | | | | |
|--------------------------|--------|-----------------|------------------|------------|-----------|-----------------|----------------|-----------|
| HellermannTyton Part No. | Color | Bundle Diameter | Tensile Strength | Length (L) | Width (W) | Head Length (A) | Head Width (B) | Pkg. Qty. |
| 6" Straps | | | | | | | | |
| GT.375X60C2 | Black | 1" | 42 lbs. | 6" | .375" | 1.5" | .75" | 100 |
| GT.50X60P2 | Black | 1" | 45 lbs. | 6" | 0.5" | 1.5" | 1" | 10 |
| GT.50X60C2 | Black | 1" | 45 lbs. | 6" | 0.5" | 1.5" | 1" | 100 |
| GT.50X62P2 | Red | 1" | 45 lbs. | 6" | 0.5" | 1.5" | 1" | 10 |
| GT.50X62C2 | Red | 1" | 45 lbs. | 6" | 0.5" | 1.5" | 1" | 100 |
| GT.50X63P2 | Orange | 1" | 45 lbs. | 6" | 0.5" | 1.5" | 1" | 10 |
| GT.50X63C2 | Orange | 1" | 45 lbs. | 6" | 0.5" | 1.5" | 1" | 100 |
| GT.50X64P2 | Yellow | 1" | 45 lbs. | 6" | 0.5" | 1.5" | 1" | 10 |
| GT.50X64C2 | Yellow | 1" | 45 lbs. | 6" | 0.5" | 1.5" | 1" | 100 |
| GT.50X65P2 | Green | 1" | 45 lbs. | 6" | 0.5" | 1.5" | 1" | 10 |
| GT.50X65C2 | Green | 1" | 45 lbs. | 6" | 0.5" | 1.5" | 1" | 100 |
| GT.50X66P2 | Blue | 1" | 45 lbs. | 6" | 0.5" | 1.5" | 1" | 10 |
| GT.50X66C2 | Blue | 1" | 45 lbs. | 6" | 0.5" | 1.5" | 1" | 100 |
| 8" Straps | | | | | | | | |
| GT.50X80P2 | Black | 1.75" | 50 lbs. | 8" | 0.5" | 1.5" | 1" | 10 |
| GT.50X80C2 | Black | 1.75" | 50 lbs. | 8" | 0.5" | 1.5" | 1" | 100 |
| GT.50X82P2 | Red | 1.75" | 50 lbs. | 8" | 0.5" | 1.5" | 1" | 10 |
| GT.50X82C2 | Red | 1.75" | 50 lbs. | 8" | 0.5" | 1.5" | 1" | 100 |
| GT.50X83P2 | Orange | 1.75" | 50 lbs. | 8" | 0.5" | 1.5" | 1" | 10 |
| GT.50X83C2 | Orange | 1.75" | 50 lbs. | 8" | 0.5" | 1.5" | 1" | 100 |
| GT.50X84P2 | Yellow | 1.75" | 50 lbs. | 8" | 0.5" | 1.5" | 1" | 10 |
| GT.50X84C2 | Yellow | 1.75" | 50 lbs. | 8" | 0.5" | 1.5" | 1" | 100 |
| GT.50X85P2 | Green | 1.75" | 50 lbs. | 8" | 0.5" | 1.5" | 1" | 10 |
| GT.50X85C2 | Green | 1.75" | 50 lbs. | 8" | 0.5" | 1.5" | 1" | 100 |
| GT.50X86P2 | Blue | 1.75" | 50 lbs. | 8" | 0.5" | 1.5" | 1" | 10 |
| GT.50X86C2 | Blue | 1.75" | 50 lbs. | 8" | 0.5" | 1.5" | 1" | 100 |
| 11" Straps | | | | | | | | |
| GT.50X110P2 | Black | 2.63" | 55 lbs. | 11" | 0.5" | 1.5" | 1" | 10 |
| GT.50X110C2 | Black | 2.63" | 55 lbs. | 11" | 0.5" | 1.5" | 1" | 100 |
| GT.50X112P2 | Red | 2.63" | 55 lbs. | 11" | 0.5" | 1.5" | 1" | 10 |
| GT.50X112C2 | Red | 2.63" | 55 lbs. | 11" | 0.5" | 1.5" | 1" | 100 |
| GT.50X113P2 | Orange | 2.63" | 55 lbs. | 11" | 0.5" | 1.5" | 1" | 10 |
| GT.50X113C2 | Orange | 2.63" | 55 lbs. | 11" | 0.5" | 1.5" | 1" | 100 |
| GT.50X114P2 | Yellow | 2.63" | 55 lbs. | 11" | 0.5" | 1.5" | 1" | 10 |
| GT.50X114C2 | Yellow | 2.63" | 55 lbs. | 11" | 0.5" | 1.5" | 1" | 100 |
| GT.50X115P2 | Green | 2.63" | 55 lbs. | 11" | 0.5" | 1.5" | 1" | 10 |
| GT.50X115C2 | Green | 2.63" | 55 lbs. | 11" | 0.5" | 1.5" | 1" | 100 |
| GT.50X116P2 | Blue | 2.63" | 55 lbs. | 11" | 0.5" | 1.5" | 1" | 10 |
| GT.50X116C2 | Blue | 2.63" | 55 lbs. | 11" | 0.5" | 1.5" | 1" | 100 |
| 15" Straps | | | | | | | | |
| GT.75X150P2 | Black | 3.88" | 60 lbs. | 15" | 0.75" | 2.5" | 1.5" | 10 |
| GT.75X150C2 | Black | 3.88" | 60 lbs. | 15" | 0.75" | 2.5" | 1.5" | 100 |
| GT.75X152P2 | Red | 3.88" | 60 lbs. | 15" | 0.75" | 2.5" | 1.5" | 10 |
| GT.75X152C2 | Red | 3.88" | 60 lbs. | 15" | 0.75" | 2.5" | 1.5" | 100 |
| GT.75X153P2 | Orange | 3.88" | 60 lbs. | 15" | 0.75" | 2.5" | 1.5" | 10 |
| GT.75X153C2 | Orange | 3.88" | 60 lbs. | 15" | 0.75" | 2.5" | 1.5" | 100 |
| GT.75X154P2 | Yellow | 3.88" | 60 lbs. | 15" | 0.75" | 2.5" | 1.5" | 10 |
| GT.75X154C2 | Yellow | 3.88" | 60 lbs. | 15" | 0.75" | 2.5" | 1.5" | 100 |
| GT.75X155P2 | Green | 3.88" | 60 lbs. | 15" | 0.75" | 2.5" | 1.5" | 10 |
| GT.75X155C2 | Green | 3.88" | 60 lbs. | 15" | 0.75" | 2.5" | 1.5" | 100 |
| GT.75X156P2 | Blue | 3.88" | 60 lbs. | 15" | 0.75" | 2.5" | 1.5" | 10 |
| GT.75X156C2 | Blue | 3.88" | 60 lbs. | 15" | 0.75" | 2.5" | 1.5" | 100 |

Stainless Steel Ties (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. This tie is designed with a low profile clamping bearing head.



Features

304 Steel:

Self locking, ball bearing mechanism:

Fully enclosed head:

High tensile strength option:

Benefits

Suits most general purpose applications and withstands most environmental conditions.

Quick and easy installation, either by hand or by tensioning tool

Does not allow dirt or grit to interfere with locking mechanism

Added strength and safety on heavy duty applications

Stainless Steel Ties 304 Material

| HellermannTyton Part No. | Cross Reference to Former HellermannTyton Part No. | Material | Min. Tensile Strength (lbs.) | Maximum Bundle Dia. In. (mm.) | Approx. Length In. (mm.) | Head Width In. (mm.) | Strap Width In. (mm.) | Pkg. Qty. | HellermannTyton Installation Tool |
|--------------------------|--|-----------|------------------------------|-------------------------------|--------------------------|----------------------|-----------------------|-----------|-----------------------------------|
| MBT5S-S | None | 304 Steel | 150 | 1" (25.4) | 5.0" (127) | .18" (4.6) | .26" (6.5) | 100 | MK9SST |
| MBT8S-S | SST100S-304C2 | 304 Steel | 150 | 2" (50.8) | 7.9" (201) | .18" (4.6) | .26" (6.5) | 100 | MK9SST |
| MBT14S-S | SST100R-304C2 | 304 Steel | 150 | 4" (102) | 14.3" (363) | .18" (4.6) | .26" (6.5) | 100 | MK9SST |
| MBT20S-S | SST100M-304C2 | 304 Steel | 150 | 6" (152) | 20.5" (521) | .18" (4.6) | .26" (6.5) | 100 | MK9SST |
| MBT27S-S | SST100L-304C2 | 304 Steel | 150 | 8" (203) | 26.8" (681) | .18" (4.6) | .26" (6.5) | 100 | MK9SST |
| MBT33S-S | None | 304 Steel | 150 | 10" (254) | 33.0" (201) | .18" (4.6) | .26" (6.5) | 100 | MK9SST |
| MBT8H-S | SST250S-304K2 | 304 Steel | 250 | 2" (50.8) | 7.9" (201) | .31" (7.9) | .39" (9.8) | 50 | MK9SST |
| MBT14H-S | SST250R-304K2 | 304 Steel | 250 | 4" (102) | 14.3" (362) | .31" (7.9) | .39" (9.8) | 50 | MK9SST |
| MBT20H-S | SST250M-304K2 | 304 Steel | 250 | 6" (152) | 20.5" (521) | .31" (7.9) | .39" (9.8) | 50 | MK9SST |
| MBT27H-S | SST250I-304K2 | 304 Steel | 250 | 8" (203) | 26.8" (681) | .31" (7.9) | .39" (9.8) | 50 | MK9SST |
| MBT33H-S | SST250L-304K2 | 304 Steel | 250 | 10" (254) | 33" (838) | .31" (7.9) | .39" (9.8) | 50 | MK9SST |

HellermannTyton's stainless steel ties and materials should be tested thoroughly under end use conditions to determine suitability for the application.

Stainless Steel Ties (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. The tie is designed with a low profile, enclosed bearing head.

Features

316 Steel:

Self locking, ball bearing mechanism:

Fully enclosed head:

High tensile strength option:

Benefits

Marine grade for more corrosive applications

Quick and easy installation, either by hand or by tensioning tool

Does not allow dirt or grit to interfere with locking mechanism

Added strength and safety on heavy duty applications



MK9SST Tool (See page 32 for details).

Stainless Steel Ties 316 Material

| Hellermann Tyton Part No. | Material (lbs.) | Tensile Strength (lbs.) | Maximum Bundle Dia. In. (mm.) | Approx. Length In. (mm.) | Strap Width In. (mm.) | Head Width In. (mm.) | Pkg. Qty. | HellermannTyton Installation Tool |
|---------------------------|-----------------|-------------------------|-------------------------------|--------------------------|-----------------------|----------------------|-----------|-----------------------------------|
| MBT5S | 316 Steel | 150 | 1.0" (25.4) | 5.0" (127) | 0.18" (4.6) | .26" (6.6) | 100 | MK9SST |
| MBT8S | 316 Steel | 150 | 2.0" (50.8) | 7.9" (201) | 0.18" (4.6) | .26" (6.6) | 100 | MK9SST |
| MBT14S | 316 Steel | 150 | 4.0" (102) | 14.3" (360) | 0.18" (4.6) | .26" (6.6) | 100 | MK9SST |
| MBT20S | 316 Steel | 150 | 6.0" (152) | 20.5" (520) | 0.18" (4.6) | .26" (6.6) | 100 | MK9SST |
| MBT27S | 316 Steel | 150 | 8.0" (203) | 26.8" (679) | 0.18" (4.6) | .26" (6.6) | 100 | MK9SST |
| MBT33S | 316 Steel | 150 | 10.0" (254) | 33.0" (838) | 0.18" (4.6) | .26" (6.6) | 100 | MK9SST |
| MBT8H | 316 Steel | 250 | 2.0" (50.8) | 7.9" (201) | 0.31" (7.9) | .39" (9.9) | 50 | MK9SST |
| MBT14H | 316 Steel | 250 | 4.0" (102) | 14.3" (360) | 0.31" (7.9) | .39" (9.9) | 50 | MK9SST |
| MBT20H | 316 Steel | 250 | 6.0" (152) | 20.5" (520) | 0.31" (7.9) | .39" (9.9) | 50 | MK9SST |
| MBT27H | 316 Steel | 250 | 8.0" (203) | 26.8" (679) | 0.31" (7.9) | .39" (9.9) | 50 | MK9SST |
| MBT33H | 316 Steel | 250 | 10.0" (254) | 33.0" (838) | 0.31" (7.9) | .39" (9.9) | 50 | MK9SST |

MBT Coated Stainless Steel Cable Ties

MBT stainless steel ties in 316 steel material are available with a nylon II protective coating. This coating creates a barrier and protectant from chemical reactions of dissimilar metals. Contact HellermannTyton for availability, minimums, and lead times.

Stainless Steel Marking System

HellermannTyton offers a line of stainless steel markers for use with HellermannTyton's stainless steel cable ties.

Material: Stainless Steel SS2343 (corresponds to AISI 316)
Text Height: .26" (6.8mm)
Marker Height: .42" (10.8mm)

See page 150 in the Identifying section of the catalog for more information.



CABLE TIE TOOLS

Ergonomics and the prevention of repetitive motion injuries, coupled with the need to continually improve assembly efficiencies and procedures, are a major concern with most cable tie users. HellermannTyton cable tie tools effectively address both issues.

HellermannTyton has focused upon making world class cable tie tools to complement its line of high quality cable ties. Rather than treat the tools as secondary, accessory items, HellermannTyton develops and manufactures cable tie tools which are truly state-of-the-art in both design and performance.

Available in mechanical, power assisted, and automatic versions, HellermannTyton tools make it easier for operators to install cable ties, while maintaining correct tension and flush cut-off. Worker safety is further enhanced as the tools can eliminate the sharp edges of a cut-off cable tie. HellermannTyton tools can be used for varying volume requirements and applications.



Mechanical Tools

Ranging from pocket sized twist tools to the high performance Mark 7 and Mark 9 series tools, HellermannTyton offers mechanical tools which can be used with any HellermannTyton cable tie. When using these tools, the cable tie is hand applied and then manually tensioned and cut-off, without the use of an extraneous power source.

Mark 7 and Mark 9 Tools

Specifically developed for maximum ergonomic and performance values, the Mark 7 and Mark 9 series tools combine reduced hand effort and heavy duty components to ensure efficient assembly and a longer life cycle. The Mark 7 tools are used with T18 through T50 series HellermannTyton cable ties. The Mark 9 tools can be used with nearly every HellermannTyton cable tie. Able to accommodate ties to .530" in width, the Mark 9 is used with HellermannTyton's T18* series cable ties to the heavy duty ties, including the T250 series and EL-TY.

High tension versions of both the Mark 7 and Mark 9 tools (MK7HT and MK9HT) offer the same design features as their standard counterparts but with higher cut-off tension capabilities. The Mark 7 and Mark 9 high tension tools both offer a 5/8" stroke.

* Does not include T18S series ties .08" wide.

Mark 7 and Mark 9 Features

- Cable tie tension and cut-off tools reduce operator fatigue and speed assembly.
- The Mark 7 features a one inch stroke, while the Mark 9 has a 5/8 inch stroke. Both reduce trigger cycles required to install cable ties.
- Ergonomic design on both tools ideally fit the operator's hand. Padded hand grips further reduce impact to the hand.
- Low friction bearing mechanisms reduce hand effort and provide a smooth stroke.
- Extremely light, the Mark 7 weighs only 10 ounces. The Mark 9 weighs just 13 ounces.
- Quick tension adjustability for flush cut-off.
- An easy to read display speeds adjustment and verification.
- On the Mark 7, a larger, inner knob sets the three variable tension levels (minimum, intermediate, and standard). The smaller, outer knob fine tunes the tension range.
- The larger inner knob on the Mark 9 sets to two variable tension levels (standard and heavy). The smaller, outer knob fine tunes the tension setting.
- Housings manufactured from a high impact, glass reinforced nylon.
- A double wall linkage adds more strength.
- Tough chromium steel components ensure longevity.
- Equipped with hook for easy hanging when the tool is not in use.
- Standard tools are military specified.

Custom modifications to accommodate a 2 mm tie tail cut-off are available for the Mark 7 and the Mark 9 series tools. Contact HellermannTyton for more information.

Mark 9 Tool for Stainless Steel Ties

The Mark 9 tool for stainless steel ties (MK9SST) has been designed to tension and cut-off HellermannTyton stainless steel ties. Adapted from the standard Mark 9 tool, the MK9SST retains the ergonomic design and reliable performance as HellermannTyton's Mark 7 and Mark 9 standard cable tie tools. The MK9SST features an adapter on the nose of the tool which is manufactured from investment cast stainless steel with smooth, radiused edges. Able to cut widths to .515" (13mm), the MK9SST accommodates all HellermannTyton's stainless steel tie sizes.



Tool Accessories

| Tool Accessories | | |
|--------------------------|--|-----------|
| HellermannTyton Part No. | Description | Pkg. Qty. |
| MK7BLADEKIT | Service kit for MK7 tool includes replacement blade, screw for nose piece, and instruction card. | 1 |
| MK9BLADEKIT | Service kit for MK9 tool includes replacement blade, screw for nose piece, and instruction card. | 1 |

Compare one of HellermannTyton's ergonomically designed cable tie tools to any other tool in the industry. Experience the difference in design, efficiency, and worker satisfaction.

Mechanical Tools

| Hellermann Tyton Part No. | Description | HellermannTyton Cable Tie Series | Pkg. Qty. |
|--|---|---|-----------|
| TWT1** | TytonTwyster: Lightweight and economical twist tool. Offers speed and efficiency. Fits into a pocket. (Color Orange) | T18 thru T50 Series CTT20 thru CTT60 Series | 1 |
| TWT2** | TytonTwyster: Lightweight and economical twist tool. Offers speed and efficiency. Fits into a pocket. (Color Blue) | T120 thru T150 Series CTT175 Series | 1 |
| T150 | T150 Tool: Heavy duty installer controlled tool for use in the field. Pliers action provides mechanical advantage. Padded foam grip handles provide comfort and control. | T150 Series CTT175 Series | 1 |
| T250 | T250 Tool: Same design features as the T150 Tool, but can tension and cut-off a wider tie. | T150 thru T250 Series CTT175 Series | 1 |
| MK7 U.S. Patent 4,793,385 DES. 306,390 Mil. Spec. MS90387-1 | MK7: Durable and lightweight, this tool is user friendly and adjustable, with top-of-the-line design features. Comes standard with padded foam grip handles for comfort and control and a hook for hanging on a belt or tether. | T18 thru T50 Series CTT20 thru CTT60 Series | 1 |
| MK7HT U.S. Patent 4,997,011 DES. 306,390 | MK7HT: With the same design features as the MK7, this tool offers an increased tension range. Comes standard with padded foam grip handles for comfort and control and a hook for hanging on a belt or tether. | T30 thru T50 Series CTT20 thru CTT60 Series | 1 |
| MK9 U.S. Patent 5,492,156 Mil. Spec. MS90387-2 | MK9: The MK9 has the same design features as the MK7 series tools. The MK9 accommodates T18* thru T250 series ties. Comes standard with padded foam grip handles for comfort and control and a hook for hanging on a belt or tether. * With the exception of T18S series ties .08" wide. | T18 thru T250 Series* CTT20 thru CTT175 Series EL-TY Series | 1 |
| MK9HT U.S. Patent 5,492,156 | MK9HT: The MK9HT has the same design features as the MK9, but offers an increased tension range. Comes standard with padded foam grip handles for comfort and control and a hook for hanging on a belt or tether. | T30 thru T250 Series CTT20 thru CTT175 Series EL-TY Series | 1 |
| MK9SST U.S. Patent 5,921,290 | MK9SST: Adapted for use with stainless steel ties, the MK9SST 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 |

** TWT1 and TWT2 can come in a plastic pouch, if desired. Please request on order.

Other Pneumatic Tools

The MK3P can be used with T18 through T50 series HellermannTyton cable ties. The MK3P offers very high consistency in tensioning for those applications requiring this type of precision.

The MK6PN is used with T50 through T150 series HellermannTyton cable ties.



MK3P



MK6PN



MK7P

| Blades | | |
|--------------------------|---|-----------|
| HellermannTyton Part No. | Description | Pkg. Qty. |
| MK7BLADEKIT | Replacement blade, screw for nose piece, and instruction card | 1 |
| MK3PBLADE | Replacement blade | 2 |
| MK6PNBLADE | Replacement blade | 2 |

| Power Assisted Tools | | | |
|--------------------------|---|--|-----------|
| HellermannTyton Part No. | Description | HellermannTyton Cable Tie Series | Pkg. Qty. |
| MK7P* | Mark 7 Pneumatic Tool: Includes tool and quick connect fittings. Ergonomic tool uses pneumatic power and accomplishes rapid tension and cut-off with one trigger depression. Speeds production in higher volume applications. | T18 thru T50 Series CTT20 thru CTT60 Series | 1 |
| MK3P | Mark 3 Pneumatic Tool: Air power assisted tool offers high degree of consistency in tensioning. Speeds production in higher volume applications. | T18 thru T50 Series CTT20 thru CTT60 Series | 1 |
| MK6PN | Mark 6 Pneumatic Tool: Air power assisted tool. Speeds production in higher volume applications. | T50 thru T150 Series CTT60 thru CTT175 Series | 1 |

*Available 3rd Quarter, 2000