

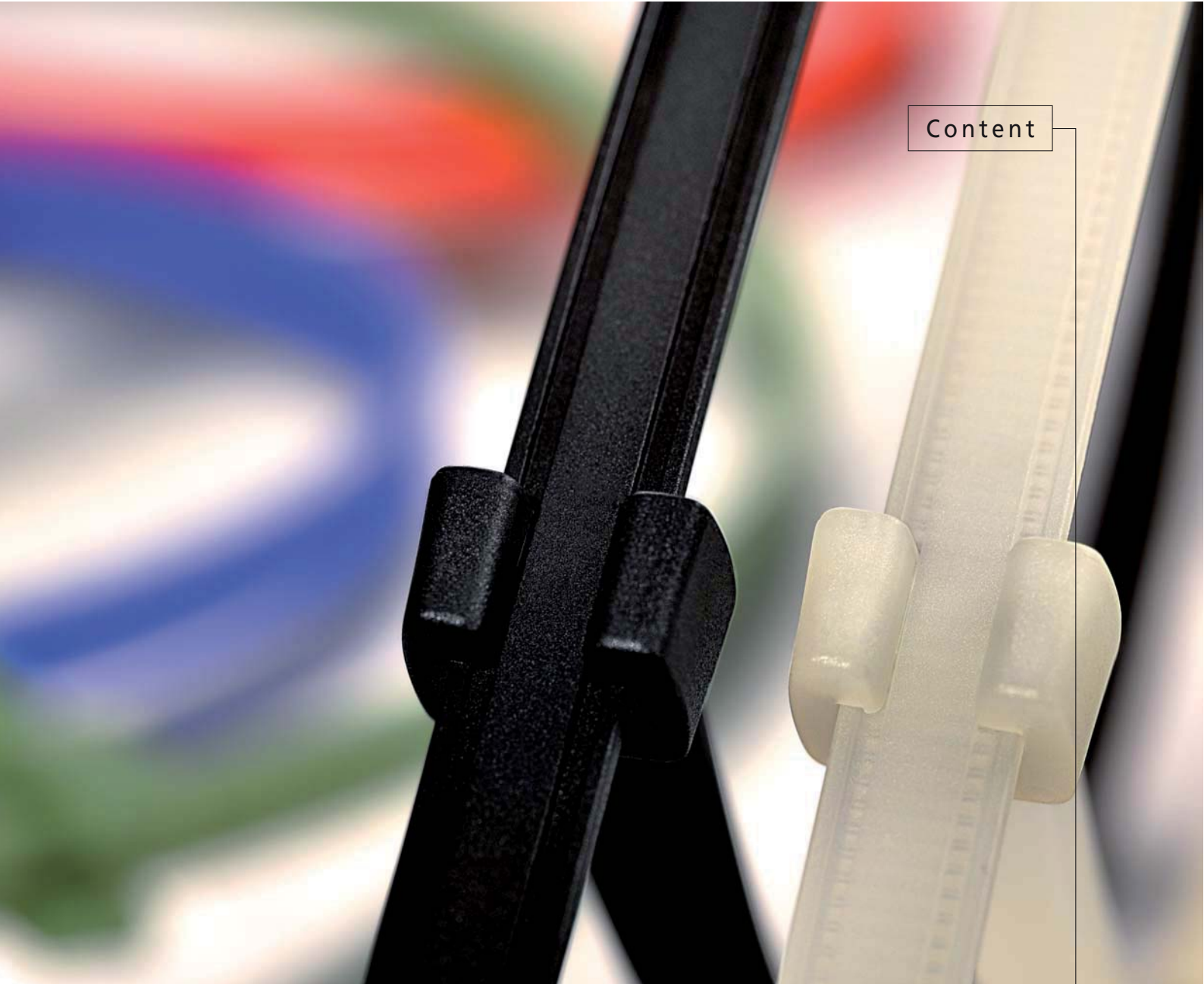


Cable Ties and Fixings

## Q-Series

Innovative, easy to use and quick cable bundling and fixings

**HellermannTyton**



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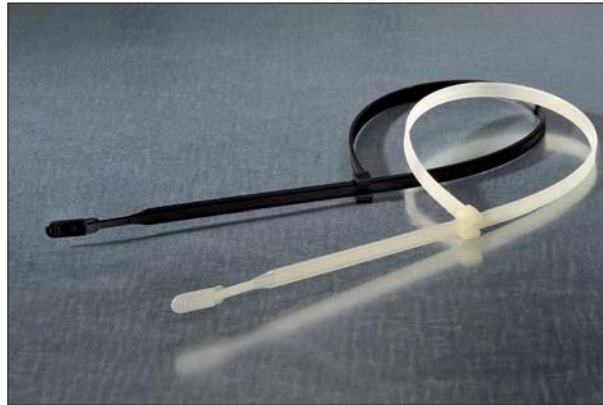
## Q-series

### Cable Ties, Q-tie

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.

A wide range of products is available:

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



Cable tie, Q-tie.

### Self adhesive/screw fixing Cable tie mounts QM(A)

The mounting bases Q-mounts are an ideal complement for Q-ties. Design and functionality of the mounting bases match perfectly to provide an optimised working process. Different types and sizes are available:

- 4-way mounts (QM)
- 2-way mounts (CTQM)
- Screwable/Self adhesive mounts
- Polyamide 6.6 (PA66), black, natural



Mounting Bases Q-mount.

### Q-tags, Identification Tags

Besides fastening and fixing, the identification of cables is another important aspect of cable management. The Q-tag cable markers can be perfectly used with Q-ties. The tags offer different options for marking:

- manual with marker pen
- with adhesive label



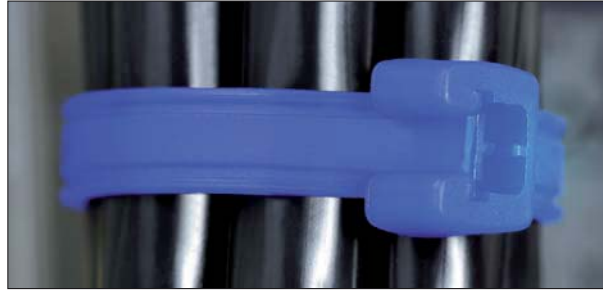
The flagged orientation of Q-tags ensures that printed texts are easily visible.

## Q-tie Cable Tie

### Innovative – Effective – Safe!

The new Q-tie has not only an innovative but also a revolutionary design. The open head of the cable tie enables a simple and quick installation. Just insert the ergonomically bent tail into the open side of the head and tighten the cable tie.

With Q-ties you can save time and money!



*The head design makes the difference.*

### Easy application for every situation!

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

The new Q-tie allows a quick and simple installation even with work gloves and restricted view.

Features for quick and easy application:

- Curved and large ribbed tail
- Open head with easy detectable slot

This saves time and trouble!

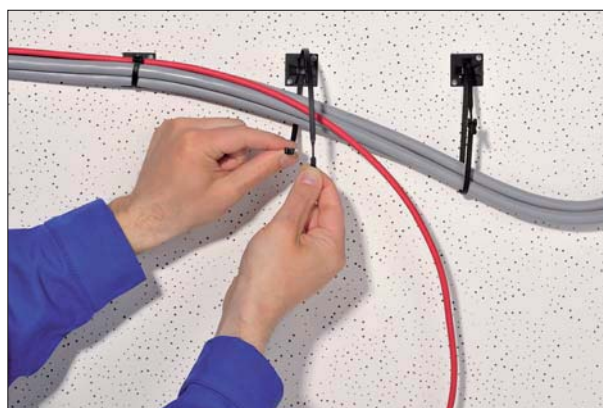


*Even under difficult circumstances the Q-ties are very fast and easy to apply.*

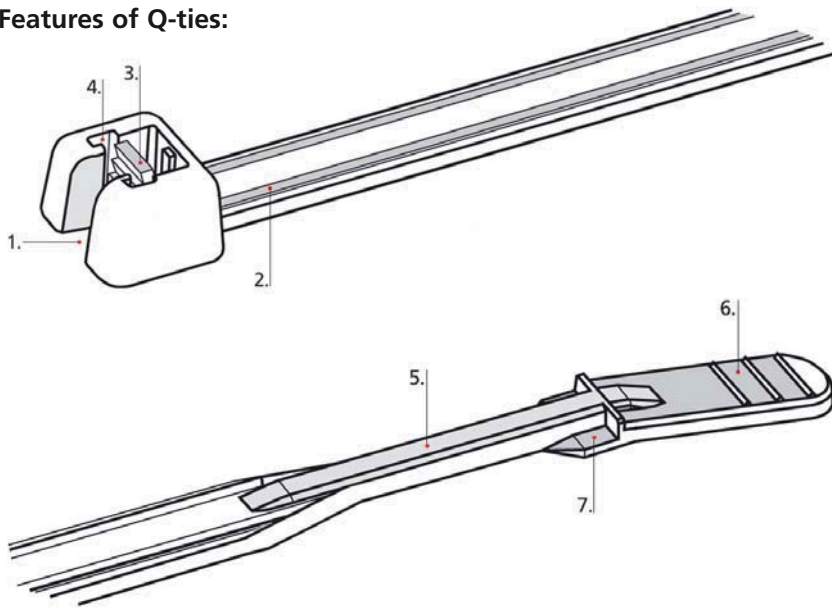
### Integrated Pre-Locking Functionality!

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 a temporary and final cable fastening solution.

This saves material and time!



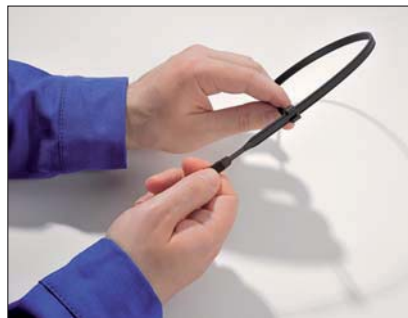
*Without additional effort only Q-ties can be used for temporary and final cable bundling.*

**Features of Q-ties:**

1. Open lock head for quick and easy insertion.
2. Two rails on the strap ensure a 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).

**Application Method:**

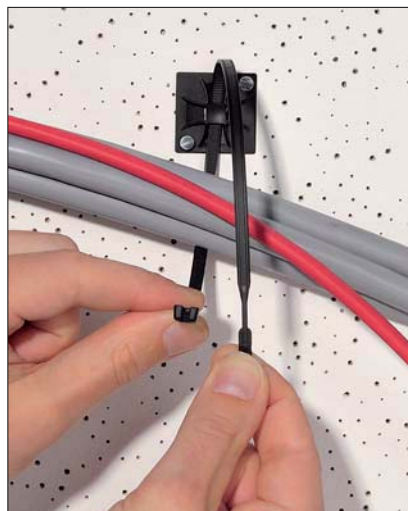
1. Insert the thin part of the cable tie into the open lock head.



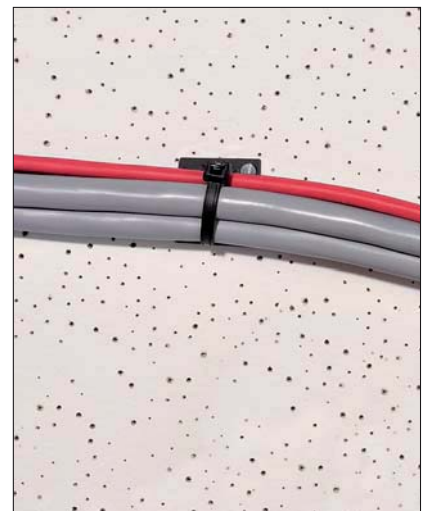
2. Pull the tie through the head until the bundle is fixed.
3. Cut off the remaining part of the tie with an application tool.

**Pre-locking Function of the Q-tie:**

1. Insert tail into lock head and push tail partly in the head.



2. To release the tie push tail end slightly out of head.



3. If installation is finished, Q-tie can be tightened and cut off - either manually or with an application tool.

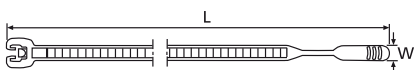
**Q-ties, Polyamide 6.6 (PA66), natural and black**

| Application Tool | Registration Numbers |
|------------------|----------------------|
| MK3SP            | 1                    |
| MK3PNSP2, MK7P   | 2                    |
| MK7              | 3                    |
| MK7HT            | 4                    |
| MK20             | 5                    |
| MK6              | 6                    |
| MK9P             | 7                    |
| MK9              | 8                    |
| MK9HT            | 9                    |
| MK21             | 10                   |

For detailed information on Application Tools please refer to page 15.



Q-tie cable ties: choose from a wide product range in different materials.



Q-tie cable tie

| Material Data         |   |
|-----------------------|---|
| Material              | <b>Polyamide 6.6 (PA66)</b>                             |
| Colour                | <b>Natural (NA), Black (BK)</b>                         |
| Operating Temperature | <b>-40 °C to +85 °C continuous, (+105 °C for 500 h)</b> |
| Flammability          | <b>UL94 V2</b>  |



Technical Table

| Article-No.          | Type  | Length (L) | Width (W) | Bundle Ø max. | Min. Tensile Strength (N) | Material | Colour       | Application Tool |
|----------------------|-------|------------|-----------|---------------|---------------------------|----------|--------------|------------------|
| Polyamide 6.6 (PA66) |       |            |           |               |                           |          |              |                  |
| 109-00001            | Q18R  | 105        | 2.6       | 24.0          | 80                        | PA66     | Natural (NA) | 1-3, 5           |
| 109-00004            | Q18I  | 155        | 2.6       | 40.0          | 80                        | PA66     | Natural (NA) | 1-3, 5           |
| 109-00007            | Q18L  | 195        | 2.6       | 50.0          | 80                        | PA66     | Natural (NA) | 1-3, 5           |
| 109-00010            | Q30R  | 160        | 3.6       | 38.0          | 130                       | PA66     | Natural (NA) | 1-3, 5           |
| 109-00012            | Q30L  | 200        | 3.6       | 50.0          | 130                       | PA66     | Natural (NA) | 1-3, 5           |
| 109-00014            | Q30LR | 250        | 3.6       | 65.0          | 130                       | PA66     | Natural (NA) | 1-3, 5           |
| 109-00018            | Q50R  | 210        | 4.7       | 50.0          | 220                       | PA66     | Natural (NA) | 1-10             |
| 109-00020            | Q50I  | 290        | 4.7       | 75.0          | 220                       | PA66     | Natural (NA) | 1-10             |
| 109-00022            | Q50L  | 410        | 4.7       | 110           | 220                       | PA66     | Natural (NA) | 1-10             |
| 109-00024            | Q120I | 300        | 7.7       | 70.0          | 530                       | PA66     | Natural (NA) | 6-10             |
| 109-00026            | Q120R | 420        | 7.7       | 110           | 530                       | PA66     | Natural (NA) | 6-10             |
| 109-00028            | Q120M | 520        | 7.7       | 145           | 530                       | PA66     | Natural (NA) | 6-10             |
| 109-00030            | Q18R  | 105        | 2.6       | 24.0          | 80                        | PA66     | Black (BK)   | 1-3, 5           |
| 109-00033            | Q18I  | 155        | 2.6       | 40.0          | 80                        | PA66     | Black (BK)   | 1-3, 5           |
| 109-00036            | Q18L  | 195        | 2.6       | 50.0          | 80                        | PA66     | Black (BK)   | 1-3, 5           |
| 109-00039            | Q30R  | 160        | 3.6       | 38.0          | 130                       | PA66     | Black (BK)   | 1-3, 5           |
| 109-00041            | Q30L  | 200        | 3.6       | 50.0          | 130                       | PA66     | Black (BK)   | 1-3, 5           |
| 109-00043            | Q30LR | 250        | 3.6       | 65.0          | 130                       | PA66     | Black (BK)   | 1-3, 5           |
| 109-00047            | Q50R  | 210        | 4.7       | 50.0          | 220                       | PA66     | Black (BK)   | 1-10             |
| 109-00049            | Q50I  | 290        | 4.7       | 75.0          | 220                       | PA66     | Black (BK)   | 1-10             |
| 109-00051            | Q50L  | 410        | 4.7       | 110           | 220                       | PA66     | Black (BK)   | 1-10             |
| 109-00053            | Q120I | 300        | 7.7       | 70.0          | 530                       | PA66     | Black (BK)   | 6-10             |
| 109-00055            | Q120R | 420        | 7.7       | 110           | 530                       | PA66     | Black (BK)   | 6-10             |
| 109-00057            | Q120M | 520        | 7.7       | 145           | 530                       | PA66     | Black (BK)   | 6-10             |

All dimensions in mm. Subject to technical changes.

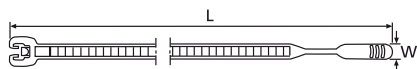
## Q-ties, Polyamide 6.6 UV-resistant (PA66W), black

| Application Tool | Registration Numbers |
|------------------|----------------------|
| MK3SP            | 1                    |
| MK3PNSP2, MK7P   | 2                    |
| MK7              | 3                    |
| MK7HT            | 4                    |
| MK20             | 5                    |
| MK6              | 6                    |
| MK9P             | 7                    |
| MK9              | 8                    |
| MK9HT            | 9                    |
| MK21             | 10                   |

For detailed information on Application Tools please refer to page 15.



Q-tie cable ties: choose from a wide product range in different materials.



Q-tie cable tie

| Material Data         |   |
|-----------------------|---|
| Material              | <b>Polyamide 6.6 UV-resistant (PA66W)</b>               |
| Colour                | <b>Black (BK)</b>                                       |
| Operating Temperature | <b>-40 °C to +85 °C continuous, (+105 °C for 500 h)</b> |
| Flammability          | <b>UL94 V2</b>  |



Technical Table

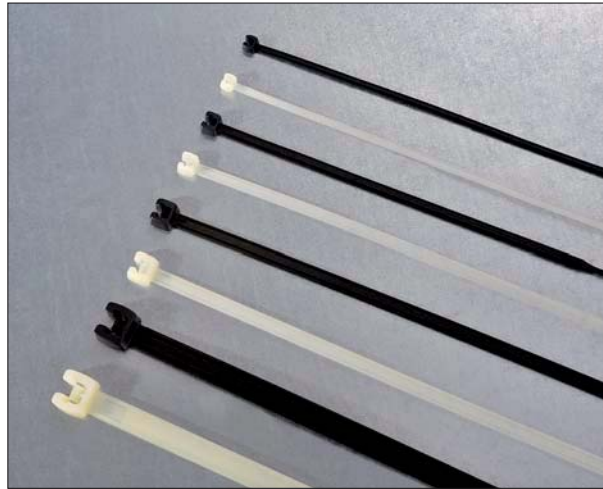
| Article-No.                  | Type  | Length (L) | Width (W) | Bundle Ø max. | Min. Tensile Strength (N) | Material | Colour     | Application Tool |
|------------------------------|-------|------------|-----------|---------------|---------------------------|----------|------------|------------------|
| Polyamide 6.6. UV Stabilised |       |            |           |               |                           |          |            |                  |
| 109-00059                    | Q18R  | 105        | 2.6       | 24.0          | 80                        | PA66W    | Black (BK) | 1-3, 5           |
| 109-00062                    | Q18I  | 155        | 2.6       | 40.0          | 80                        | PA66W    | Black (BK) | 1-3, 5           |
| 109-00065                    | Q18L  | 195        | 2.6       | 50.0          | 80                        | PA66W    | Black (BK) | 1-3, 5           |
| 109-00068                    | Q30R  | 160        | 3.6       | 38.0          | 130                       | PA66W    | Black (BK) | 1-3, 5           |
| 109-00070                    | Q30L  | 200        | 3.6       | 50.0          | 130                       | PA66W    | Black (BK) | 1-3, 5           |
| 109-00072                    | Q30LR | 250        | 3.6       | 65.0          | 130                       | PA66W    | Black (BK) | 1-3, 5           |
| 109-00076                    | Q50R  | 210        | 4.7       | 50.0          | 220                       | PA66W    | Black (BK) | 1-10             |
| 109-00078                    | Q50I  | 290        | 4.7       | 75.0          | 220                       | PA66W    | Black (BK) | 1-10             |
| 109-00080                    | Q50L  | 410        | 4.7       | 110           | 220                       | PA66W    | Black (BK) | 1-10             |
| 109-00082                    | Q120I | 300        | 7.7       | 70.0          | 530                       | PA66W    | Black (BK) | 6-10             |
| 109-00084                    | Q120R | 420        | 7.7       | 110           | 530                       | PA66W    | Black (BK) | 6-10             |
| 109-00086                    | Q120M | 520        | 7.7       | 145           | 530                       | PA66W    | Black (BK) | 6-10             |

All dimensions in mm. Subject to technical changes.

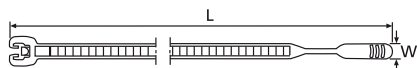
### Q-ties, Polyamide 6.6 heat stabilised (PA66HS), natural and black

| Application Tool | Registration Numbers |
|------------------|----------------------|
| MK3SP            | 1                    |
| MK3PNSP2, MK7P   | 2                    |
| MK7              | 3                    |
| MK7HT            | 4                    |
| MK20             | 5                    |
| MK6              | 6                    |
| MK9P             | 7                    |
| MK9              | 8                    |
| MK9HT            | 9                    |
| MK21             | 10                   |

For detailed information on Application Tools please refer to page 15.



Q-tie cable ties: choose from a wide product range in different materials.



Q-tie cable tie

| Material Data         |   |
|-----------------------|---|
| Material              | Polyamide 6.6 heatstabilised (PA66HS)             |
| Colour                | Natural (NA), Black (BK)                          |
| Operating Temperature | -40 °C to +105 °C continuous, (+145 °C for 500 h) |
| Flammability          | UL94 V2   |



Technical Table

| Article-No.                    | Type  | Length (L) | Width (W) | Bundle Ø max. | Min. Tensile Strength (N) | Material | Colour       | Application Tool |
|--------------------------------|-------|------------|-----------|---------------|---------------------------|----------|--------------|------------------|
| Polyamide 6.6. Heat Stabilised |       |            |           |               |                           |          |              |                  |
| 109-00117                      | Q18R  | 105        | 2.6       | 24.0          | 80                        | PA66HS   | Natural (NA) | 1-3, 5           |
| 109-00120                      | Q18I  | 155        | 2.6       | 40.0          | 80                        | PA66HS   | Natural (NA) | 1-3, 5           |
| 109-00123                      | Q18L  | 195        | 2.6       | 50.0          | 80                        | PA66HS   | Natural (NA) | 1-3, 5           |
| 109-00126                      | Q30R  | 160        | 3.6       | 38.0          | 130                       | PA66HS   | Natural (NA) | 1-3, 5           |
| 109-00128                      | Q30L  | 200        | 3.6       | 50.0          | 130                       | PA66HS   | Natural (NA) | 1-3, 5           |
| 109-00130                      | Q30LR | 250        | 3.6       | 65.0          | 130                       | PA66HS   | Natural (NA) | 1-3, 5           |
| 109-00134                      | Q50R  | 210        | 4.7       | 50.0          | 220                       | PA66HS   | Natural (NA) | 1-10             |
| 109-00136                      | Q50I  | 290        | 4.7       | 75.0          | 220                       | PA66HS   | Natural (NA) | 1-10             |
| 109-00138                      | Q50L  | 410        | 4.7       | 110.0         | 220                       | PA66HS   | Natural (NA) | 1-10             |
| 109-00140                      | Q120I | 300        | 7.7       | 70.0          | 530                       | PA66HS   | Natural (NA) | 6-10             |
| 109-00142                      | Q120R | 420        | 7.7       | 110.0         | 530                       | PA66HS   | Natural (NA) | 6-10             |
| 109-00144                      | Q120M | 520        | 7.7       | 145.0         | 530                       | PA66HS   | Natural (NA) | 6-10             |
| 109-00088                      | Q18R  | 105        | 2.6       | 24.0          | 80                        | PA66HS   | Black (BK)   | 1-3, 5           |
| 109-00091                      | Q18I  | 155        | 2.6       | 40.0          | 80                        | PA66HS   | Black (BK)   | 1-3, 5           |
| 109-00094                      | Q18L  | 195        | 2.6       | 50.0          | 80                        | PA66HS   | Black (BK)   | 1-3, 5           |
| 109-00097                      | Q30R  | 160        | 3.6       | 38.0          | 130                       | PA66HS   | Black (BK)   | 1-3, 5           |
| 109-00099                      | Q30L  | 200        | 3.6       | 50.0          | 130                       | PA66HS   | Black (BK)   | 1-3, 5           |
| 109-00101                      | Q30LR | 250        | 3.6       | 65.0          | 130                       | PA66HS   | Black (BK)   | 1-3, 5           |
| 109-00105                      | Q50R  | 210        | 4.7       | 50.0          | 220                       | PA66HS   | Black (BK)   | 1-10             |
| 109-00107                      | Q50I  | 290        | 4.7       | 75.0          | 220                       | PA66HS   | Black (BK)   | 1-10             |
| 109-00109                      | Q50L  | 410        | 4.7       | 110.0         | 220                       | PA66HS   | Black (BK)   | 1-10             |
| 109-00111                      | Q120I | 300        | 7.7       | 70.0          | 530                       | PA66HS   | Black (BK)   | 6-10             |
| 109-00113                      | Q120R | 420        | 7.7       | 110.0         | 530                       | PA66HS   | Black (BK)   | 6-10             |
| 109-00115                      | Q120M | 520        | 7.7       | 145.0         | 530                       | PA66HS   | Black (BK)   | 6-10             |

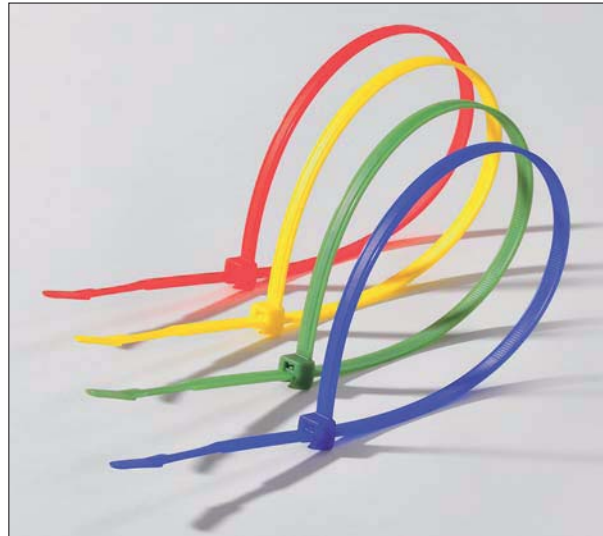
All dimensions in mm. Subject to technical changes.



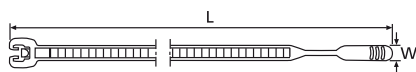
## Q-ties, Polyamide 6.6 (PA66), coloured

| Application Tool | Registration Numbers |
|------------------|----------------------|
| MK3SP            | 1                    |
| MK3PNSP2, MK7P   | 2                    |
| MK7              | 3                    |
| MK7HT            | 4                    |
| MK20             | 5                    |
| MK6              | 6                    |
| MK9P             | 7                    |
| MK9              | 8                    |
| MK9HT            | 9                    |
| MK21             | 10                   |

For detailed information on Application Tools please refer to page 15.



Q-ties in different colours are ideal for marking and bundling in one step.



Q-tie cable tie

| Material Data         |   |
|-----------------------|---|
| Material              | <b>Polyamide 6.6 (PA66)</b>                                     |
| Colour                | <b>Brown (BN), Blue (BU), Green (GN), Red (RD), Yellow (YE)</b> |
| Operating Temperature | <b>-40 °C to +85 °C continuous, (+105 °C for 500 h)</b>         |
| Flammability          | <b>UL94 V2</b>  |



Technical Table

| Article-No.            | Type | Length (L) | Width (W) | Bundle Ø max. | Min. Tensile Strength (N) | Material | Colour      | Application Tool |
|------------------------|------|------------|-----------|---------------|---------------------------|----------|-------------|------------------|
| Polyamide 6.6 Coloured |      |            |           |               |                           |          |             |                  |
| 109-00146              | Q18R | 105        | 2.6       | 24.0          | 80                        | PA66     | Brown (BN)  | 1-3, 5           |
| 109-00147              | Q18R | 105        | 2.6       | 24.0          | 80                        | PA66     | Blue (BU)   | 1-3, 5           |
| 109-00148              | Q18R | 105        | 2.6       | 24.0          | 80                        | PA66     | Green (GN)  | 1-3, 5           |
| 109-00149              | Q18R | 105        | 2.6       | 24.0          | 80                        | PA66     | Red (RD)    | 1-3, 5           |
| 109-00150              | Q18R | 105        | 2.6       | 24.0          | 80                        | PA66     | Yellow (YE) | 1-3, 5           |
| 109-00151              | Q18I | 155        | 2.6       | 40.0          | 80                        | PA66     | Brown (BN)  | 1-3, 5           |
| 109-00152              | Q18I | 155        | 2.6       | 40.0          | 80                        | PA66     | Blue (BU)   | 1-3, 5           |
| 109-00153              | Q18I | 155        | 2.6       | 40.0          | 80                        | PA66     | Green (GN)  | 1-3, 5           |
| 109-00154              | Q18I | 155        | 2.6       | 40.0          | 80                        | PA66     | Red (RD)    | 1-3, 5           |
| 109-00155              | Q18I | 155        | 2.6       | 40.0          | 80                        | PA66     | Yellow (YE) | 1-3, 5           |
| 109-00156              | Q18L | 195        | 2.6       | 50.0          | 80                        | PA66     | Brown (BN)  | 1-3, 5           |
| 109-00157              | Q18L | 195        | 2.6       | 50.0          | 80                        | PA66     | Blue (BU)   | 1-3, 5           |
| 109-00158              | Q18L | 195        | 2.6       | 50.0          | 80                        | PA66     | Green (GN)  | 1-3, 5           |
| 109-00159              | Q18L | 195        | 2.6       | 50.0          | 80                        | PA66     | Red (RD)    | 1-3, 5           |
| 109-00160              | Q18L | 195        | 2.6       | 50.0          | 80                        | PA66     | Yellow (YE) | 1-3, 5           |
| 109-00161              | Q30R | 160        | 3.6       | 38.0          | 130                       | PA66     | Brown (BN)  | 1-3, 5           |
| 109-00162              | Q30R | 160        | 3.6       | 38.0          | 130                       | PA66     | Blue (BU)   | 1-3, 5           |
| 109-00163              | Q30R | 160        | 3.6       | 38.0          | 130                       | PA66     | Green (GN)  | 1-3, 5           |
| 109-00164              | Q30R | 160        | 3.6       | 38.0          | 130                       | PA66     | Red (RD)    | 1-3, 5           |
| 109-00165              | Q30R | 160        | 3.6       | 38.0          | 130                       | PA66     | Yellow (YE) | 1-3, 5           |
| 109-00166              | Q30L | 200        | 3.6       | 50.0          | 130                       | PA66     | Brown (BN)  | 1-3, 5           |
| 109-00167              | Q30L | 200        | 3.6       | 50.0          | 130                       | PA66     | Blue (BU)   | 1-3, 5           |
| 109-00168              | Q30L | 200        | 3.6       | 50.0          | 130                       | PA66     | Green (GN)  | 1-3, 5           |
| 109-00169              | Q30L | 200        | 3.6       | 50.0          | 130                       | PA66     | Red (RD)    | 1-3, 5           |
| 109-00170              | Q30L | 200        | 3.6       | 50.0          | 130                       | PA66     | Yellow (YE) | 1-3, 5           |

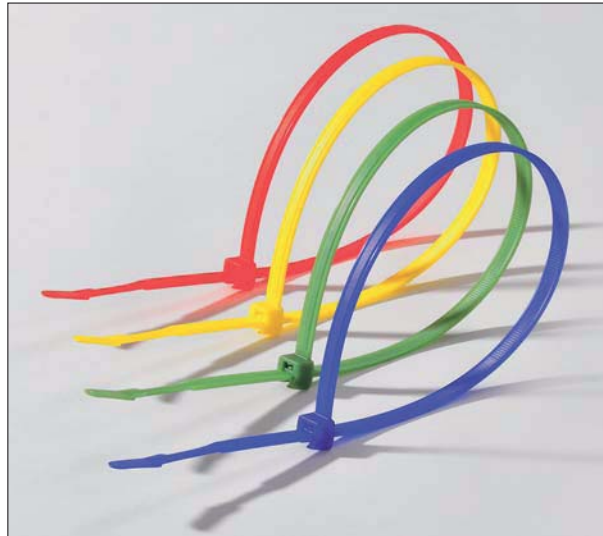
All dimensions in mm. Subject to technical changes.

# Q-Series

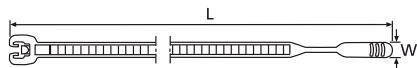
## Q-ties, Polyamide 6.6 (PA66), coloured

| Application Tool | Registration Numbers |
|------------------|----------------------|
| MK3SP            | 1                    |
| MK3PNSP2, MK7P   | 2                    |
| MK7              | 3                    |
| MK7HT            | 4                    |
| MK20             | 5                    |
| MK6              | 6                    |
| MK9P             | 7                    |
| MK9              | 8                    |
| MK9HT            | 9                    |
| MK21             | 10                   |

For detailed information on Application Tools please refer to page 15.



Q-ties in different colours are ideal for marking and bundling in one step.



Q-tie cable tie

| Material Data         |   |
|-----------------------|---|
| Material              | <b>Polyamide 6.6 (PA66)</b>                                     |
| Colour                | <b>Brown (BN), Blue (BU), Green (GN), Red (RD), Yellow (YE)</b> |
| Operating Temperature | <b>-40 °C to +85 °C continuous, (+105 °C for 500 h)</b>         |
| Flammability          | <b>UL94 V2</b>  |



Technical Table

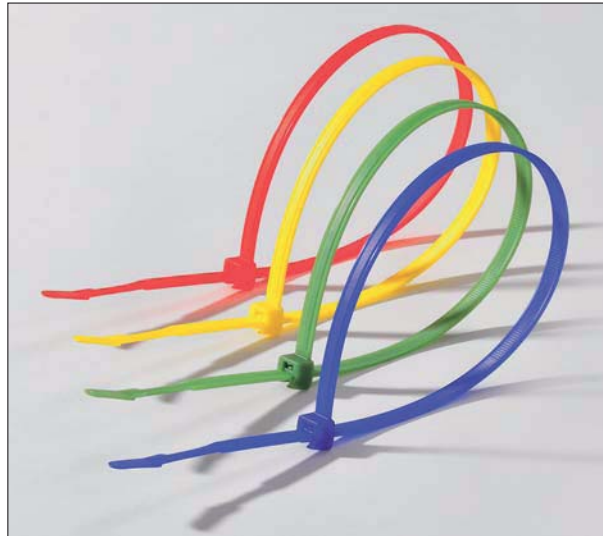
| Article-No.            | Type  | Length (L) | Width (W) | Bundle Ø max. | Min. Tensile Strength (N) | Material | Colour      | Application Tool |
|------------------------|-------|------------|-----------|---------------|---------------------------|----------|-------------|------------------|
| Polyamide 6.6 Coloured |       |            |           |               |                           |          |             |                  |
| 109-00171              | Q30LR | 250        | 3.6       | 65.0          | 130                       | PA66     | Brown (BN)  | 1-3, 5           |
| 109-00172              | Q30LR | 250        | 3.6       | 65.0          | 130                       | PA66     | Blue (BU)   | 1-3, 5           |
| 109-00173              | Q30LR | 250        | 3.6       | 65.0          | 130                       | PA66     | Green (GN)  | 1-3, 5           |
| 109-00174              | Q30LR | 250        | 3.6       | 65.0          | 130                       | PA66     | Red (RD)    | 1-3, 5           |
| 109-00175              | Q30LR | 250        | 3.6       | 65.0          | 130                       | PA66     | Yellow (YE) | 1-3, 5           |
| 109-00181              | Q50R  | 210        | 4.7       | 50.0          | 220                       | PA66     | Brown (BN)  | 1-10             |
| 109-00182              | Q50R  | 210        | 4.7       | 50.0          | 220                       | PA66     | Blue (BU)   | 1-10             |
| 109-00183              | Q50R  | 210        | 4.7       | 50.0          | 220                       | PA66     | Green (GN)  | 1-10             |
| 109-00184              | Q50R  | 210        | 4.7       | 50.0          | 220                       | PA66     | Red (RD)    | 1-10             |
| 109-00185              | Q50R  | 210        | 4.7       | 50.0          | 220                       | PA66     | Yellow (YE) | 1-10             |
| 109-00186              | Q50I  | 290        | 4.7       | 75.0          | 220                       | PA66     | Brown (BN)  | 1-10             |
| 109-00187              | Q50I  | 290        | 4.7       | 75.0          | 220                       | PA66     | Blue (BU)   | 1-10             |
| 109-00188              | Q50I  | 290        | 4.7       | 75.0          | 220                       | PA66     | Green (GN)  | 1-10             |
| 109-00189              | Q50I  | 290        | 4.7       | 75.0          | 220                       | PA66     | Red (RD)    | 1-10             |
| 109-00190              | Q50I  | 290        | 4.7       | 75.0          | 220                       | PA66     | Yellow (YE) | 1-10             |
| 109-00191              | Q50L  | 410        | 4.7       | 110           | 220                       | PA66     | Brown (BN)  | 1-10             |
| 109-00192              | Q50L  | 410        | 4.7       | 110           | 220                       | PA66     | Blue (BU)   | 1-10             |
| 109-00193              | Q50L  | 410        | 4.7       | 110           | 220                       | PA66     | Green (GN)  | 1-10             |
| 109-00194              | Q50L  | 410        | 4.7       | 110           | 220                       | PA66     | Red (RD)    | 1-10             |
| 109-00195              | Q50L  | 410        | 4.7       | 110           | 220                       | PA66     | Yellow (YE) | 1-10             |

All dimensions in mm. Subject to technical changes.

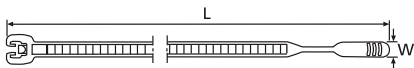
## Q-ties, Polyamide 6.6 (PA66), coloured

| Application Tool | Registration Numbers |
|------------------|----------------------|
| MK3SP            | 1                    |
| MK3PNSP2, MK7P   | 2                    |
| MK7              | 3                    |
| MK7HT            | 4                    |
| MK20             | 5                    |
| MK6              | 6                    |
| MK9P             | 7                    |
| MK9              | 8                    |
| MK9HT            | 9                    |
| MK21             | 10                   |

For detailed information on Application Tools please refer to page 15.



Q-ties in different colours are ideal for marking and bundling in one step.



Q-tie cable tie

| Material Data         |   |
|-----------------------|---|
| Material              | <b>Polyamide 6.6 (PA66)</b>                                     |
| Colour                | <b>Brown (BN), Blue (BU), Green (GN), Red (RD), Yellow (YE)</b> |
| Operating Temperature | <b>-40 °C to +85 °C continuous, (+105 °C for 500 h)</b>         |
| Flammability          | <b>UL94 V2</b>  |



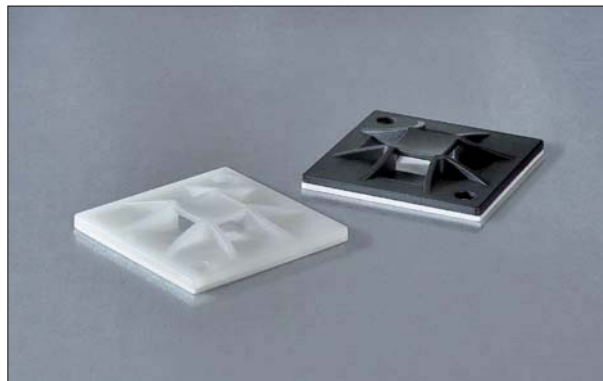
Technical Table

| Article-No.            | Type  | Length (L) | Width (W) | Bundle Ø max. | Min. Tensile Strength (N) | Material | Colour      | Application Tool |
|------------------------|-------|------------|-----------|---------------|---------------------------|----------|-------------|------------------|
| Polyamide 6.6 Coloured |       |            |           |               |                           |          |             |                  |
| 109-00196              | Q120I | 300        | 7.7       | 70.0          | 530                       | PA66     | Brown (BN)  | 6-10             |
| 109-00197              | Q120I | 300        | 7.7       | 70.0          | 530                       | PA66     | Blue (BU)   | 6-10             |
| 109-00198              | Q120I | 300        | 7.7       | 70.0          | 530                       | PA66     | Green (GN)  | 6-10             |
| 109-00199              | Q120I | 300        | 7.7       | 70.0          | 530                       | PA66     | Red (RD)    | 6-10             |
| 109-00200              | Q120I | 300        | 7.7       | 70.0          | 530                       | PA66     | Yellow (YE) | 6-10             |
| 109-00201              | Q120R | 420        | 7.7       | 110           | 530                       | PA66     | Brown (BN)  | 6-10             |
| 109-00202              | Q120R | 420        | 7.7       | 110           | 530                       | PA66     | Blue (BU)   | 6-10             |
| 109-00203              | Q120R | 420        | 7.7       | 110           | 530                       | PA66     | Green (GN)  | 6-10             |
| 109-00204              | Q120R | 420        | 7.7       | 110           | 530                       | PA66     | Red (RD)    | 6-10             |
| 109-00205              | Q120R | 420        | 7.7       | 110           | 530                       | PA66     | Yellow (YE) | 6-10             |
| 109-00206              | Q120M | 520        | 7.7       | 145           | 530                       | PA66     | Brown (BN)  | 6-10             |
| 109-00207              | Q120M | 520        | 7.7       | 145           | 530                       | PA66     | Blue (BU)   | 6-10             |
| 109-00208              | Q120M | 520        | 7.7       | 145           | 530                       | PA66     | Green (GN)  | 6-10             |
| 109-00209              | Q120M | 520        | 7.7       | 145           | 530                       | PA66     | Red (RD)    | 6-10             |
| 109-00210              | Q120M | 520        | 7.7       | 145           | 530                       | PA66     | Yellow (YE) | 6-10             |

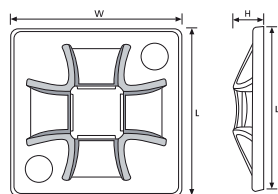
All dimensions in mm. Subject to technical changes.

**Self Adhesive/Screw Fixing Cable Tie Mounts QM(A)**

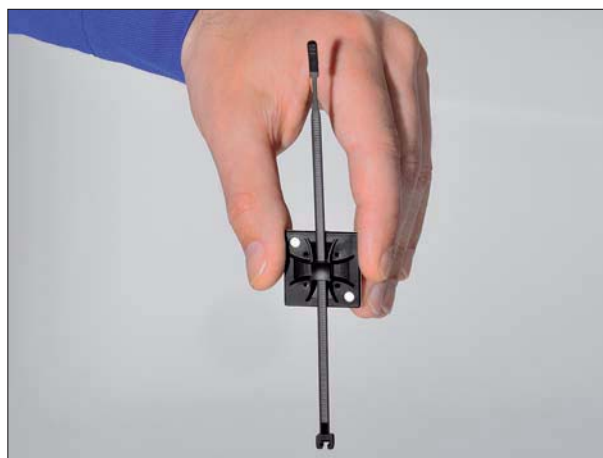
Q-mounts allow a "4-way" entry for Q-ties and are available in a screwable or self adhesive version. Due of the special design of the mounting base, they offer a perfect solution in combination with the Q-tie cable ties. The Q-mount keeps the Q-tie in place during pre-assembly and ensures that the Q-tie does not slip out even in difficult situations, for example vertical mounting positions.



Q-mount QM, 4-way entry, adhesive/screwable.



Mounting Base Q-mount



The Q-mount base locks the Q-tie in vertical position, your hands are free to apply the cables.

|                   |      |                                |  |
|-------------------|------|--------------------------------|--|
| Synthetic rubber  | Base | <b>PE foam</b>                 |  |
| Temperature range |      | <b>at least -40°C to +60°C</b> |  |

|               |                       |   |  |
|---------------|-----------------------|---|--|
| Material Data | Material              | <b>Polyamide 6.6 (PA66)</b>                             |  |
|               | Colour                | <b>Natural (NA), Black (BK)</b>                         |  |
|               | Operating Temperature | <b>-40 °C to +85 °C continuous, (+105 °C for 500 h)</b> |  |
|               | Flammability          | <b>UL94 V2 (excluding adhesive)</b>                     |  |

Technical Table

| Article-No. | Type         | Length (L) | Width (W) | Height (H) | Fixing Hole Ø (FH) | Strap Width max. (G) | Material | Colour       | Adhesive         |
|-------------|--------------|------------|-----------|------------|--------------------|----------------------|----------|--------------|------------------|
| 151-10901   | <b>QM20</b>  | 20.0       | 20.0      | 3.7        | 3.1                | 4.0                  | PA66     | Natural (NA) | –                |
| 151-10902   | <b>QM30</b>  | 30.0       | 30.0      | 4.5        | 4.1                | 5.1                  | PA66     | Natural (NA) | –                |
| 151-10903   | <b>QM40</b>  | 40.0       | 40.0      | 5.5        | 4.1                | 8.4                  | PA66     | Natural (NA) | –                |
| 151-10904   | <b>QM20A</b> | 20.0       | 20.0      | 3.7        | 3.1                | 4.0                  | PA66     | Natural (NA) | Synthetic rubber |
| 151-10905   | <b>QM30A</b> | 30.0       | 30.0      | 4.5        | 4.1                | 5.1                  | PA66     | Natural (NA) | Synthetic rubber |
| 151-10906   | <b>QM40A</b> | 40.0       | 40.0      | 5.5        | 4.1                | 8.4                  | PA66     | Natural (NA) | Synthetic rubber |
| 151-10911   | <b>QM20</b>  | 20.0       | 20.0      | 3.7        | 3.1                | 4.0                  | PA66     | Black (BK)   | –                |
| 151-10912   | <b>QM30</b>  | 30.0       | 30.0      | 4.5        | 4.1                | 5.1                  | PA66     | Black (BK)   | –                |
| 151-10913   | <b>QM40</b>  | 40.0       | 40.0      | 5.5        | 4.1                | 8.4                  | PA66     | Black (BK)   | –                |
| 151-10914   | <b>QM20A</b> | 20.0       | 20.0      | 3.7        | 3.1                | 4.0                  | PA66     | Black (BK)   | Synthetic rubber |
| 151-10915   | <b>QM30A</b> | 30.0       | 30.0      | 4.5        | 4.1                | 5.1                  | PA66     | Black (BK)   | Synthetic rubber |
| 151-10916   | <b>QM40A</b> | 40.0       | 40.0      | 5.5        | 4.1                | 8.4                  | PA66     | Black (BK)   | Synthetic rubber |

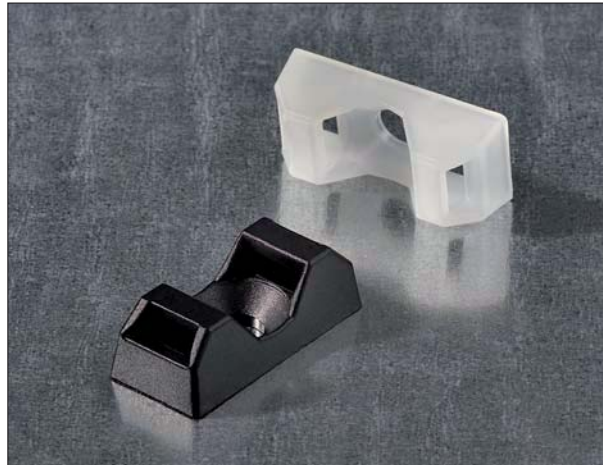
All dimensions in mm. Subject to technical changes.

### Screw Fixing Cable Tie Mounts CTQM

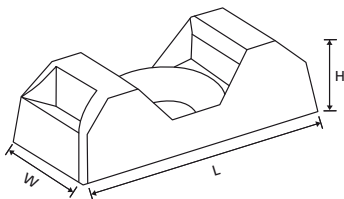
The "2-way" mounting bases CTQM provide a safe guiding of cables and conduits.

- For cable ties up to 5 mm width
- The base is mounted with a screw with countersunk head (max.  $\varnothing$  of head: 8,0mm)

The Q-mount offers a perfect solution in combination with the Q-tie cable ties. It keeps the inserted cable tie in place during pre-assembly and ensures that the Q-tie does not slip out even in difficult situations, for example vertical mounting positions.



Q-mount, CTQM 2-way entry, screwable.



Mounting base CTQM

| Material Data         |   |
|-----------------------|---|
| Material              | <b>Polyamide 6.6 (PA66)</b>                             |
| Colour                | <b>Natural (NA), Black (BK)</b>                         |
| Operating Temperature | <b>-40 °C to +85 °C continuous, (+105 °C for 500 h)</b> |
| Flammability          | <b>UL94 V2</b>  |



Technical Table

| Article-No. | Type         | Length (L) | Width (W) | Height (H) | Fixing Hole $\varnothing$ (FH) | Strap Width max. (G) | Material | Colour       |
|-------------|--------------|------------|-----------|------------|--------------------------------|----------------------|----------|--------------|
| 151-10920   | <b>CTQM5</b> | 21.0       | 9.5       | 6.7        | 4.5                            | 5.0                  | PA66     | Natural (NA) |
| 151-10930   | <b>CTQM5</b> | 21.0       | 9.5       | 6.7        | 4.5                            | 5.0                  | PA66     | Black (BK)   |

All dimensions in mm. Subject to technical changes.

**Q-tags, Identification Tags**

**Features and Benefits**

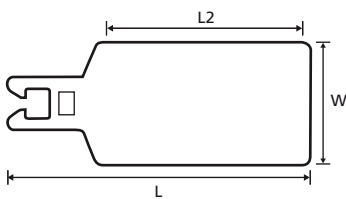
Q-tags are used to identify a cable or a cable bundle and are secured with a Q-tie. The Q-tag's flag design allows the user to quickly read or scan the printed information. The tags can be marked by hand with a marker pen (T82 series) or with a printed adhesive label. HellermannTyton offers a complete printing solution for Q-tags: printers, labels, ribbons, and market leading label design software; Tagprint Pro V2. Using Q-ties and Q-tags gives users the confidence that cables and cable bundles are safely secured and the text is highly visible.



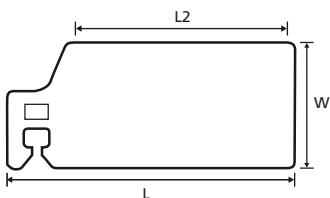
The flagged orientation of Q-tags ensures that printed texts are easily visible.



Q-tag QT7016R



Q-tag QT7040R



Q-tag QT7040S



Q-tags are available in different sizes and types.



Q-tags can be labelled with pre-printed labels or by hand.

| Material Data         |   |
|-----------------------|---|
| Material              | <b>Polyamide 6.6 (PA66)</b>                             |
| Colour                | <b>White (WH)</b>                                       |
| Operating Temperature | <b>-40 °C to +85 °C continuous, (+105 °C for 500 h)</b> |
| Flammability          | <b>UL94 V2</b>  |



**Technical Table**

| Article-No.            | Type            | Length (L) | Length (L2) | Width (W) | Strap Width max. (G) | Pack Cont. | Colour     |
|------------------------|-----------------|------------|-------------|-----------|----------------------|------------|------------|
| 151-10950              | <b>QT7016R</b>  | 100.0      | 70.0        | 18.0      | 4.7                  | 50         | White (WH) |
| 151-10951              | <b>QT7040R</b>  | 100.0      | 70.0        | 42.0      | 4.7                  | 50         | White (WH) |
| 151-10952              | <b>QT7040S*</b> | 100.0      | 70.0        | 42.0      | 3.6                  | 50         | White (WH) |
| 151-10953              | <b>QT10065R</b> | 135.0      | 100.0       | 67.0      | 4.7                  | 25         | White (WH) |
| <b>Marker pens T82</b> |                 |            |             |           |                      |            |            |
| 500-50820              | <b>T82S-BK</b>  | -          | -           | -         | -                    | 2          | Black (BK) |
| 500-50822              | <b>T82R-RD</b>  | -          | -           | -         | -                    | 2          | Red (RD)   |

\* right angled

Manual Processing Tools for Q-Ties



MK20, MK21



MK3SP



MK7



MK7HT



MK6



MK9



MK9HT

For detailed information on Application Tools please refer to our main catalogue chapter 6.2.

Pneumatic Tensioning Tools for Q-Ties



MK3PNSP2



MK7P



MK9P

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12/2010