



### Cable Ties outside serrated for parallel routing

• **TAS-Series**

**Features and Benefits**

Manufactured from halogen free material the TAS system is suitable for installation in public areas, road or railway tunnels. The built in spacer makes installation quick and easy, without the need for additional parts. The TAS system is easy to re-open and re-use making it ideal for temporary installations or where there is the need to add or remove cables at a later date.

**Application**

Designed for use with catenary wire the TAS system is simple to use and an effective method of installing cables. Typical applications are the suspension of cables between buildings, the support of satellite cables and installation of railway signalling cables.



The TAS-range is used for supporting antenna cables.



Tunnels a common application.

Material Data

Cable Tie	<b>Polyamide 6.6 High Imp. Mod., Heat Stab. (PA66HIRHS)</b>
Operating Temperature	<b>-40 °C to +110 °C continuous</b>
Flammability	<b>UL94 HB</b>

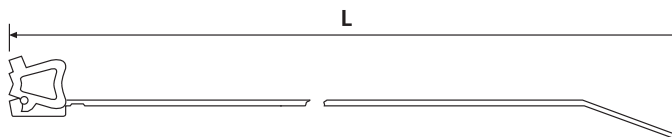


Application Tool	Registration Numbers
<b>MK3SP</b>	<b>1</b>
<b>MK3PNSP2, MK7P</b>	<b>2</b>
<b>MK7</b>	<b>3</b>
<b>MK7HT</b>	<b>4</b>
<b>MK20</b>	<b>5</b>
<b>MK6</b>	<b>6</b>
<b>MK9P</b>	<b>7</b>
<b>MK9</b>	<b>8</b>
<b>MK9HT</b>	<b>9</b>
<b>MK21</b>	<b>10</b>

For detailed information on Application Tools please refer to page 561.

Material Data

Material Spacer	<b>Polypropylene, UV-resistant (PPW)</b>
Operating Temperature	<b>-40 °C to +115 °C continuous</b>
Flammability	<b>UL94 HB</b>



TAS-Series

Technical Table

Article-No.	Type	Length (L)	Width (W)	Bundle Ø max. without spacer	Min. Tensile Strength (N)	Colour	Material	Application Tool
111-98510	<b>TAS100R</b>	210	12.7	45.0	445	Black (BK)	PA66HIRHS, PPW	8, 9
111-98520	<b>TAS100M</b>	270	12.7	70.0	445	Black (BK)	PA66HIRHS, PPW	8, 9
111-98530	<b>TAS100L</b>	420	12.7	115	445	Black (BK)	PA66HIRHS, PPW	8, 9

All dimensions in mm. Subject to technical changes.



**Cable Ties inside serrated for cable tray**

• **CTF-Series**

**Features and Benefits**

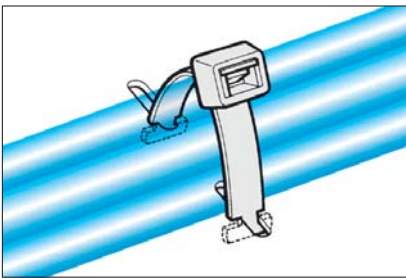
The CTF cable tie has been designed to be used exclusively with both UK and European styles of cable tray. Offering a more secure fixing that is also easier to install.

**Application**

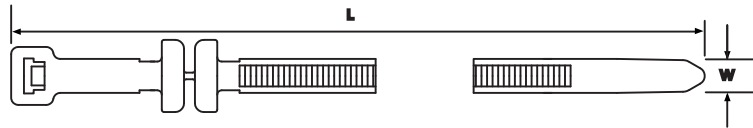
The CTF Fixing Ties are designed specifically for use with cable tray.



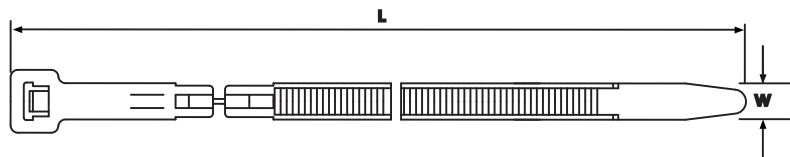
Cable tray ties in application.



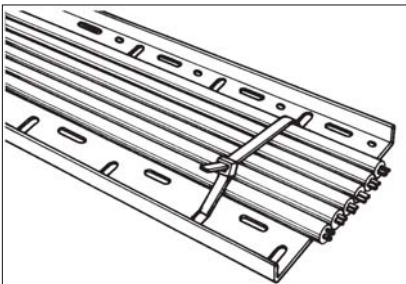
CTF with unique footing for use with cable tray.



CTF120, CTF250



CTF12090



Cable tray ties in application.

Material Data	
Material	<b>Polyamide 6.6 (PA66)</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)	Min. Tensile Strength (N)	Material	Colour	Application Tool
111-98121	<b>CTF120</b>	320	7.6	535	PA66	Black (BK)	6-9
111-98100	<b>CTF12090*</b>	320	7.6	535	PA66	Black (BK)	6-9
111-98160	<b>CTF250</b>	355	13.0	1115	PA66	Black (BK)	7-9

All dimensions in mm. Subject to technical changes.

\* = 90° angle



### Cable Ties for single hole application (Chassis Tie)

#### Features and Benefits

The ties have serrations on both sides of the strap allowing for quick and easy installation, even where the access or visibility is poor. The B and DE ranges offer a rounded head for applications where a good aesthetic appearance is required. The CT, LHT and SHT ranges have a square head which allows for optimum use in areas with restricted space. Prior to final tensioning these ties can be used as 'releasable' ties for the addition of extra cables. Once the cable runs are complete the final tensioning (by use of a suitable HellermannTyton tensioning tool) locks the tie in place.

#### Application

Using a single hole these 'chassis ties' are widely used in the automotive, truck and heavy equipment markets. Ideal for applications which have access to both sides of the hole - for example truck frames.



BHT375 - used for mounting cables via a single hole.

**For your system solutions we offer suitable Fixing Elements: CGS1, see page 197, MSBT120, page 195.**

Material Data	
Material	Polyamide 6.6 Heat Stabilised (PA66HS)
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
With centering, round head								
150-37595	<b>BHT375</b>	375	7.6	100	700	PA66HS	Black (BK)	6-10
Without centering, round head								
150-47595	<b>BHT375M</b>	375	7.6	100	700	PA66HS	Black (BK)	6-10
Without centering, square head								
132-37540	<b>CT375</b>	375	7.6	100	700	PA66HS	Black (BK)	6-10
132-00200	<b>DE863220</b>	300	6.0	80.0	135	PA66HS	Black (BK)	6-10

All dimensions in mm. Subject to technical changes.