



### 1-Piece Fixing Ties with Mounting Head for Screws

#### Features and Benefits

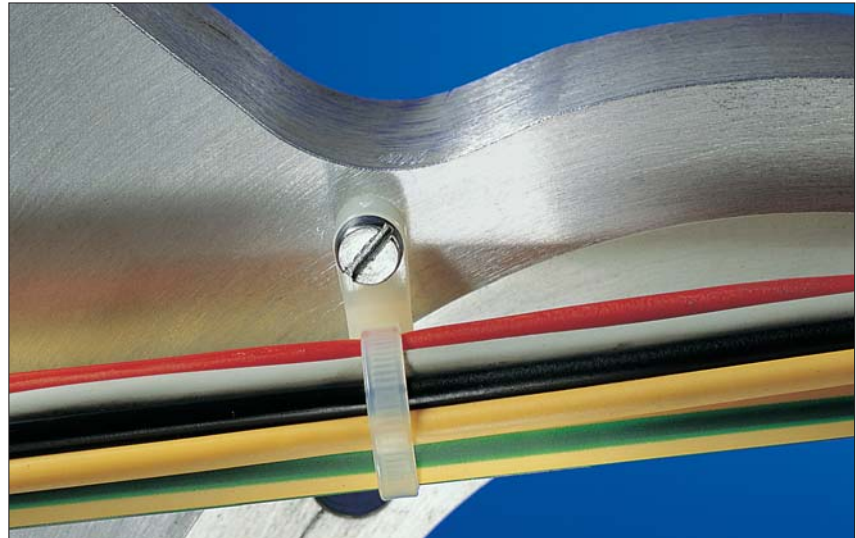
A one piece bundling and fixing tie offering quick and easy installation.

#### Application

This range of one piece cable ties has a mounting hole fixing method. Once fastened around the cables the bundle can be simply secured to the panel with a screw or bolt.

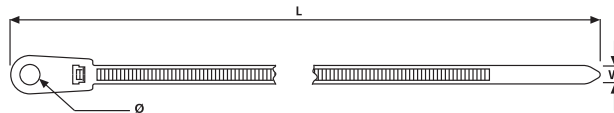
Ideal for fixing cables, pipes and hoses onto solid surfaces with pre-drilled holes or holes in metal plates.

These ties are used in many industries, for example: building construction, panel builders and white goods manufacturers.



The mounting head ties can be easily screwed onto a panel.

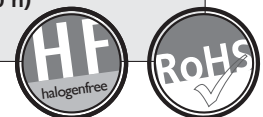
**Material specification please see page 64.**



Material Data	
Material	<b>Polyamide 6.6 UV Resistant (PA66W)</b>
Operating Temperature	<b>-40 °C to +85 °C Continuous, (+105 °C for 500 h)</b>
Flammability	<b>UL94 V2</b>



Material Data	
Material	<b>Polyamide 6.6 Heat Stabilised (PA66HS)</b>
Operating Temperature	<b>-40 °C to +105 °C Continuous, (+145 °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 for ties (N)	Hole Ø	Material	Colour	Application Tool
113-01819	T18MR	110	2.5	20.0	80	3.1	PA66	Natural (NA)	1-3, 5
113-01810	T18MR	110	2.5	20.0	80	3.1	PA66	Black (BK)	1-3, 5
113-03019	T30MR9	160	3.5	32.0	135	4.3	PA66	Natural (NA)	1-3, 5
113-03010	T30MR9	160	3.5	32.0	135	4.3	PA66	Black (BK)	1-3, 5
113-05019	T50MR	215	4.7	45.0	225	5.4	PA66	Natural (NA)	1-10
113-05010	T50MR	215	4.7	45.0	225	5.4	PA66	Black (BK)	1-10
113-05060	T50MR	215	4.7	45.0	225	5.4	PA66W	Black (BK)	1-10
113-05819	T50MS	165	4.6	32.0	225	5.3	PA66	Natural (NA)	1-10
113-05820	T50MS	165	4.6	32.0	225	5.3	PA66	Black (BK)	1-10
113-05419	T50ML	390	4.7	100	225	5.5	PA66	Natural (NA)	1-10
113-05400	T50ML	390	4.7	100	225	5.5	PA66	Black (BK)	1-10
113-12060	T120MR	395	7.6	102	535	6.5	PA66W	Black (BK)	6-10
113-12029	T120MR	395	7.6	102	535	6.5	PA66	Natural (NA)	6-10
113-12020	T120MR	395	7.6	102	535	6.5	PA66	Black (BK)	6-10

All dimensions in mm. Subject to technical changes.



Please note! Not all products listed on this page may have this approval.

For product specific approvals please refer to the Appendix.

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