

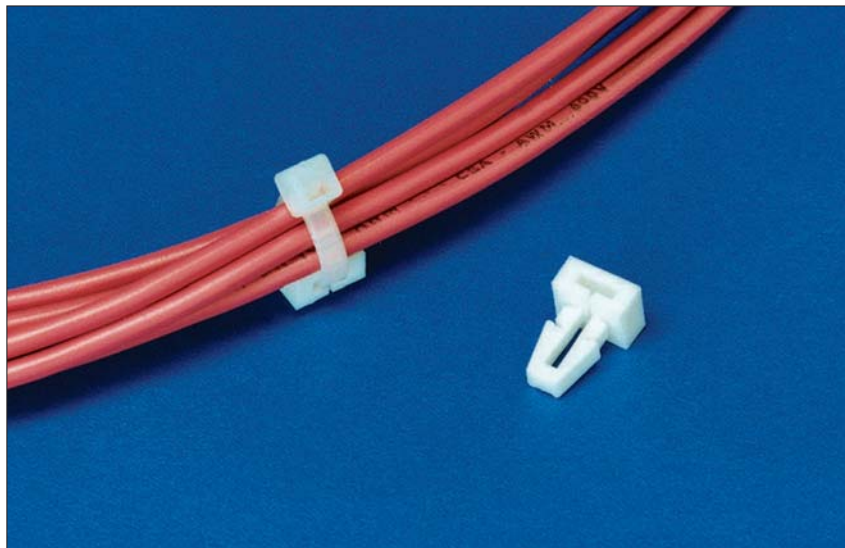


Cable Fixing Cradle

- **TM1SF** for cable ties width up to 5.2 mm

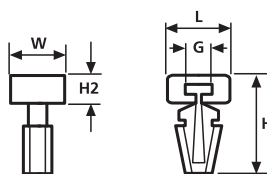
Features and Benefits

The TM1SF mount is ideal for applications with restricted access, or where space-saving is required. The arrowhead simply pushes into a pre-drilled or pre-punched hole giving a very secure fixing.

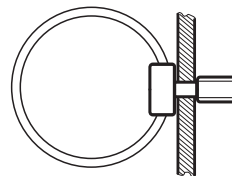


TM1SF Fixing Base for pre-drilled or pre-punched holes.

Material Data	
Material	Polyamide 6.6 (PA66)
Colour	White (WH)
Operating Temperature	-40 °C to +85 °C Continuous, (+105 °C for 500 h)
Flammability	UL94 V2



TM1SF Fixing Base



TM1SF Fixing Base

Technical Table

Article-No.	Type	Length (L)	Width (W)	Height (H)	Height (H2)	Fixing Hole Ø (FH)	Panel Thickness max.	Strap Width max. (G)	Material	Colour
151-40119	TM1SF	15.65	10.19	4.6	4.6	6.3	3.4	5.2	PA66	White (WH)

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.



Arrowhead Cradle

• SFC

Features and Benefits

Arrowhead fixing for use in pre-drilled or punched holes. Provides secure cradle for use with HellermannTyton cable ties. SFC and SFC2 for ties up to 4.8mm width. SFC3 will accept ties up to 8mm width.

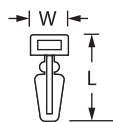
Application

Offering simple and easy methods of securing cables or pipes these fixing accessories have many applications within a wide range of industries.

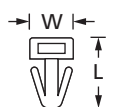


Securely fix and route cables and pipes with SFC3.

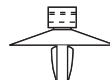
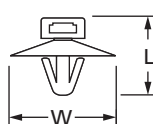
Material Data	
Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °C to +85 °C Continuous, (+105 °C for 500 h)
Flammability	UL94 V2



SFC



SFC2



SFC3



Technical Table

Article-No.	Type	Length (L)	Width (W)	Fixing Hole Ø (FH)	Panel Thickness min.	Panel Thickness max.	Strap Width max. (G)	Material	Colour
151-01601	SFC	18.0	11.0	6.0	3.0	3.2	5.3	PA66	Natural (NA)
151-02000	SFC2	14.5	6.0	6.0	0.8	1.0	5.3	PA66	Natural (NA)
151-01909	SFC3	15.5	22.0	6.3	0.8	1.8	8.6	PA66	Natural (NA)
151-01906	SFC3	15.5	22.0	6.3	0.8	1.8	8.6	PA66	Black (BK)

All dimensions in mm. Subject to technical changes.



Bundling Clips with Arrowhead

Features and Benefits

These Clips comprise winder bars with arrowhead mounts. The arrowhead is easy to mount in the drill hole. High holding forces make the connection secure. The Tape Clips with seal are the ideal solution for drill holes which need to be protected against the ingress of moisture.

The ATS-versions can be used with our automatic bundle systems also.

TapeClips with OmegaClips offer the additional advantage of being able to accommodate the addition of individual cables by means of retrofitting post-installation; these cables can then run in parallel. This maximises operational efficiency for example where special equipment configurations in the automotive industry involving cable installations are concerned.



BundlingClip with OmegaClip, BundlingClip with foam, BundlingClip LRJ1.

Material Data

Material	Polyamide 6 (PA6)
Operating Temperature	-40 °C to +85 °C continuous, (+105 °C for 500 h)
Flammability	UL94 V2



Material Data

Material	Polyamide 6.6 High Imp. Mod., Heat Stab. (PA66HIRHS)
Operating Temperature	-40 °C to +105 °C
Flammability	UL94 HB





Technical Table

Article-No.	Type	Length (L)	Fixing Hole Ø (FH)	Panel Thickness min.	Panel Thickness max.	Colour	Material	Drawing
Bundling Clips with Arrowhead								
151-00431	BCSFT6.5 16-3	55	6.3-6.7	2.3	3.5	Black (BK)	PA66HIRHS	
102-69066	ATSBCSFT6,5	39	6.3-6.7	2,3	3,3	Black (BK)	PA66HIRHS	
102-69067	ATSBCKSFT6,5	39	6.3-6.7	0.7	1.3	Black (BK)	PA66HIRHS	
102-69068	ATSBCK2KSFT6,5	39	6.3-6.7	0.7	1.3	Black (BK)	PA66HIRHS	
151-08101	LRJ1	55	6.2-6.7	0.7	2.0	Black (BK)	PA6	
Bundling Clips with Arrowhead, sealed								
155-11601	BCSFT6.5 16-3MD	55	6.3-6.7	1.5	3.0	Black (BK)	PA66HIRHS	
102-69065	ATSBCSFT6,5-MD	39	6.3-7.0	2.0	3.0	Black (BK)	PA66HIRHS	
Bundling Clips with Arrowhead								
133-00067	Halter SFT6.5	60	6.3-6.7	0.6	1.5	Black (BK)	PA66HIRHS	
151-00447	OCTC1*	60	—	—	—	Black (BK)	PA66HIRHS	

All dimensions in mm. Subject to technical changes.

*without arrowhead



Bundling Clips with Arrowhead, moveable

- CHA1
- TCSFT6.5CHAMD with foam
- CHA2

Features and Benefits

There are various types of TapeClip available for winding cables and cable looms. The cables to be wound are easily fixed to the winder bar with cable ties or adhesive tape. The really special thing about the CHA series is its horizontal length tolerance compensation. This is of benefit if holes cannot be drilled to fit perfectly or the cable bundle has to be routed around corners. The use of the TCSFT6.5S-CHA-MD with seal is recommended if drill holes need to be protected against water ingress.

Bases in a variety of shapes and sizes are available for all manner of metal thicknesses and drill hole diameters tailored to meet precise application requirements.

Application

An easy means of routing and securing cable sets in various parts of cars.



The CHA2 with fir tree base and length tolerance compensation for precision cable routing even in difficult conditions.

Material Data

Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °C to +85 °C Continuous, (+105 °C for 500 h)
Flammability	UL94 V2



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)	Fixing Hole Ø (FH)	Panel Thickness min.	Panel Thickness max.	Colour	Material	Drawing
150-08110	CHA1	54.0	6.0	6.3-7.0	0.5	1.2	Black (BK)	PA66HS	
151-00153	TCSFT6.5SCHAMD	54.0	6.0	6.5-6.7	1.8	0,6	Black (BK)	PA66HS	
151-02901	CHA2	54.0	6.0	6.5-7.0	0.8	2.0	Black (BK)	PA66	

All dimensions in mm. Subject to technical changes.



Bundling Clips with Arrowhead for Distance Routing

- SOC for distance routing 31.0 mm
- SOC2 for distance routing 25.0 mm

Features and Benefits

StandOff Clips with arrowhead mounts take very little effort to fit. Just a light push and the mount will click into place securely behind the fastening plate.

As the plate, the winder bar and the clamping element are entirely separate elements, cable looms can be routed at a set distance from the punched holes. Tabs on the side of the winder bar ensure that the cable bundle remains in the correct position during winding.



StandOff Clips allow cable looms to be routed at a set distance from the punched holes.

Material Data	
Material	Polyamide 6.6 High Imp. Mod., Heat Stab. (PA66HIRHS)
Operating Temperature	-40 °C to +105 °C
Flammability	UL94 HB



Material Data	
Material	Polyamide 4.6 (PA46)
Operating Temperature	-40 °C to +150 °C Continuous, (+195 °C for 500 h)
Flammability	UL94 V2



Technical Table									
Article-No.	Type	Length (L)	Length (L2)	Fixing Hole Ø (FH)	Panel Thickness min.	Panel Thickness max.	Colour	Material	Drawing
150-45397	STAND OFF CLIP	40.0	31.0	6.5-6.8	0.4	1.6	Black (BK)	PA66HIRHS	
150-45398	STAND OFF CLIP	40.0	31.0	6.5-6.8	0.4	1.6	Grey (GY)	PA46	
155-01600	SOC2	40.0	25.0	6.5-6.8	0.4	1.6	Black (BK)	PA66HIRHS	

All dimensions in mm. Subject to technical changes.



Bundling Clips with Fir Tree

• for Oval Holes

Features and Benefits

"BundlingClips with fir tree bases are easy to mount in drill holes and are able to withstand high extraction forces. The cable bundle is fastened to the winder bar easily with cable ties or adhesive tape. Holding tabs prevent the tie slipping sideways on the cable bundle.

A special feature of the CHDP66 BundlingClip is its vertical winder bar, which enables two cables or cable bundles to be routed in parallel. BundlingClips with oval fir tree bases feature anti-twist protection."

Application

Widespread use in cable harness production; a quick and easy means of fixing cables and lines securely in various parts of cars.



BundlingClips with fir tree bases for a variety of applications with a wide range of metal thicknesses and drill holes.

Technical Table

Article-No.	Type	Length (L)	Fixing Hole Ø (FH)	Panel Thickness min.	Panel Thickness max.	Colour	Material	Drawing
151-00028	TC3FT6S	37.0	6.5-7.0	0.75	1.5	Black (BK)	PA66HIRHS	
150-95500	TC5FT6S	37.0	6.5-7.0	0.75	1.5	Black (BK)	PA66HIRHS	
151-00487	TC4FT6LGD	37.0	6.3-7.0	0.6	5.1	Black (BK)	PA66HIRHS	
151-00467	TC4FT6LG-A	37.0	6.3-7.0	0.6	5.1	Natural (NA)	PA66HIRHS	
155-30802	TC2FT6LG	55.0	6.3-7.0	0.6	5.1	Black (BK)	PA66HIRHS	
151-00020	TC2FT6LG	55.0	6.3-7.0	0.6	5.1	Natural (NA)	PA66HIRHS	
151-00662	BCFT6XL56	56.0	6.3-7.0	0.7	9.0	Black (BK)	PA66HIRHS	
150-07010	CHDP66	40.0	6.6	0.8	4.5	Black (BK)	PA66	
155-39002	TCDSFT6-HEX	40.0	6.35	0.8	4.5	Black (BK)	PA66HIRHS	
for Oval Holes								
151-00759	BCFT63x100S	40.0	6.5x10.2	0.6	2.5	Black (BK)	PA66HIRHS	
155-16301	WICKELCLIP-VDS	40.0	6.3x9.0	0.6	2.5	Black (BK)	PA66HIRHS	
151-00605	TCOP62x122	55.0	6.2x12.2	0.6	6.0	Black (BK)	PA66HIRHS	
151-00029	TCOP70x120	55.0	7.0x12.0	0.6	6.0	Black (BK)	PA66HIRHS	

All dimensions in mm. Subject to technical changes.



Bundling Clips with Fir Tree

• for Distance Routing

Features and Benefits

The simple design of CH20 clips makes them both versatile and easy to install. The COW and SOC Clips can be used as a conventional tape-on clip or assembled with a cable tie to fix the harness in place. They can be purchased separately or ready assembled.

Application

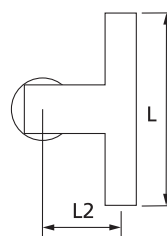
Originally designed for the Automotive industry, these clips offer simple and easy methods of securing cable hoses or pipes. They have many applications within a wide range of industries.



COW Clip and CH Series.



COW Clip used as tape-on clip.



Technical Table

Article-No.	Type	Length (L)	Length (L2)	Fixing Hole Ø (FH)	Panel Thickness min.	Panel Thickness max.	Colour	Material	Drawing
151-00077	CH20D6	50.0	20.0	6.5	0.8	1.6	Black (BK)	PA66HS	
151-02600	CH20D7	50.0	20.0	7.0	0.8	1.6	Black (BK)	PA66	
151-03100	COW20DP7	42.0	20.0	6.3-7.0	0.8	4.5	Brown (BN)	PA66HS	
151-03200	COW30DP7	42.0	30.0	6.3-7.0	0.8	4.5	Black (BK)	PA66	
155-19001	SOC3-FT6-LG.	12.0	30.0	6.4-7.1	0.75	6.0	Black (BK)	PA66HIRHS	
151-00629	SOC7FT6	56.0	31.0	6.35-7.0	0.7	5.7	Black (BK)	PA66HIRHS	
151-00665	SOC8FT6LG	40.0	30.0	6.5-7.0	0.7	5.75	Black (BK)	PA66HIRHS	
151-00282	SOC10405	55.0	20.0	6.3-6.7	0.7	3.5	Black (BK)	PA66HIRHS	

All dimensions in mm. Subject to technical changes.



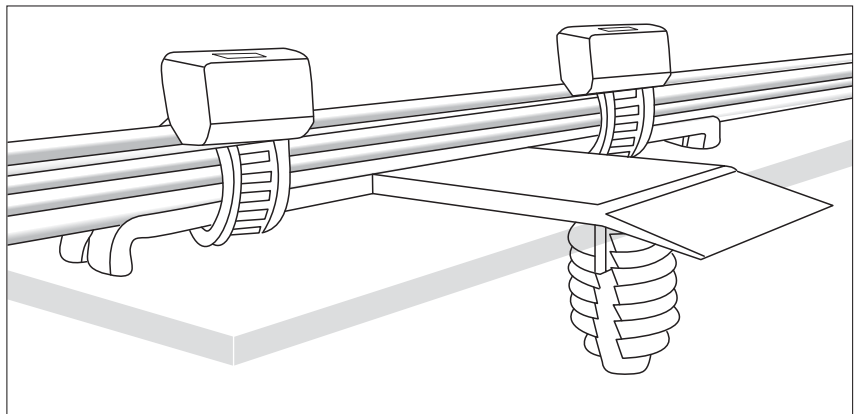
Bundling Clips with Fir Tree

• for Distance Routing

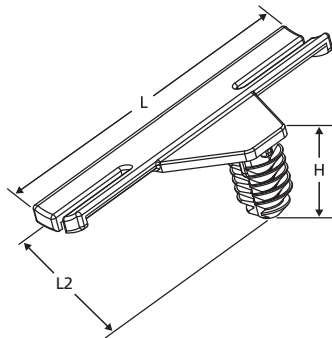
Features and Benefits

The wide range and varied options for routing the cable are what sets this product range apart. The separate winding bars at either end of the clip are very flexible, thereby providing a perfect match for the cable bundle. The spacer ensures that cable looms are guided safely at a set distance from edges or drill holes.

The fastening is made using the fir tree base and facilitates use on metals of varying thicknesses. The high holding forces ensure that the cable bundle is fastened securely.



StandOffClip SOC4 with Firtree FT6.



Material Data

Material	Polyamide 6.6 High Imp. Mod., Heat Stab. (PA66HIRHS)
Operating Temperature	-40 °C to +105 °C
Flammability	UL94 HB



Technical Table

Article-No.	Type	Length (L)	Length (L2)	Fixing Hole Ø (FH)	Panel Thickness min.	Panel Thickness max.	Colour	Material	Drawing
SOC4MFT6LG for distance routing 20.0 mm									
155-30902	SOC4 M.FT6	55.0	20.0	6.5-7.0	0.7	5.1	Black (BK)	PA66HIRHS	
SOC5FT6LG for distance routing 13.0 mm									
151-00074	SOC5FT6LG	55.0	13.0	6.5-7.0	0.7	5.1	Black (BK)	PA66HIRHS	
SOC6 for distance routing 22.0 mm									
151-00023	SOC6	55.0	22.0	6.3-7.0	0.8	3.5	Black (BK)	PA66HIRHS	

All dimensions in mm. Subject to technical changes.



Bundling Clips for Weld Studs

Features and Benefits

BundlingClips with a variety of types of clip have been designed for winding cables and cable looms. The cables to be wound are easily fixed to the winder bar with cable ties or adhesive tape.

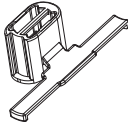
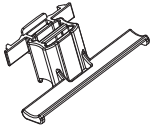
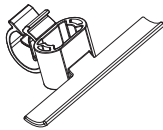
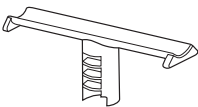
This is followed by simple mounting on a weld stud. Unlike a round clip, the weld clip benefits from the length tolerance compensation of up to 4 mm.

Other applications include the connection of ConnectorClips or OmegaClips, both of which support the subsequent addition and parallel running of individual cables post-installation.



TCSB5CYCC: Tapebar, Stud Retainer and ConnectorClip in just one article.

Technical Table

Article-No.	Type	Length (L)	Stud Ø	Colour	Material	Drawing
Bundling Clips for Weld Studs, movable,						
151-26101	TC-SB5C	55.0	5.0	Black (BK)	PA66HS	
Bundling Clips for Weld Studs, movable, for Connectors						
151-00484	TCSB5CYCC	55.0	5.0	Black (BK)	PA66HIRHS	
Bundling Clips for Weld Studs, movable, with Harness Clip						
155-23701	WICKELCLIP-SB5	60.0	5.0	Black (BK)	POM	
Bundling Clips for Weld Studs						
151-00664	BCO55	59.0	5.0	Black (BK)	PA66HIRHS	
151-00281	BCO56	59.0	6.0	Black (BK)	PA66HIRHS	

All dimensions in mm. Subject to technical changes.



Bundling Clips for Weld Studs, movable

Features and Benefits

BundlingClips with weldstud support have been designed to provide a simple means of banding cables and cable looms. They are the ideal solution if manufacturing tolerances during processing cannot be excluded. The clips are also particularly suitable for cables of reduced weight and diameter. The cable set is wound on a weld stud.

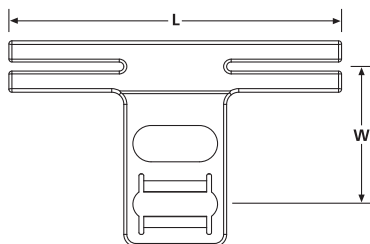
The cables are fixed to the winder bar using cable ties or adhesive tape (this process can even be automated using the AT2000 and ATS3080). In terms of its size and shape the BundlingClip BC has been designed to provide the optimum solution for cable bundles.

Application

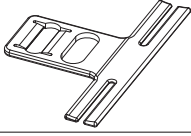
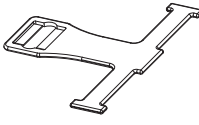
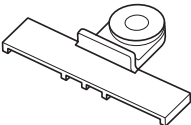
The BC series is proving very popular in the automotive industry as a means of installing cable sets easily in various areas of the vehicle.



The slim line BC series is particularly compact and flexible.



Technical Table

Article-No.	Type	Length (L)	Width (W)	Stud Ø	Colour	Material	Drawing
BC2212 for distance routing 12.0 and 22.0 mm							
151-00017	BC2212	55.0	22.0	5	Black (BK)	PA66HIRHS	
BC30 for distance 30.0 mm							
151-00016	BC30	55.0	30.0	5	Black (BK)	PA66HIRHS	
Bundling Clips for Screws							
156-00390	BC-SCR6	60.0	20.0	6.5	Black (BK)	PA66GF60, PA66HIRHS	

All dimensions in mm. Subject to technical changes.



Bundling Clips for Edges, 1.0 - 3.0 mm

• EdgeClip-Family

Features and Benefits

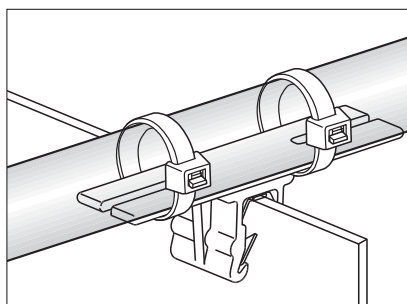
EdgeClip mounting solutions stand out for the ease with which they are fitted. The element is installed by pressing by hand onto a plastic or metal edge. EdgeClips 14 to 17 can be fastened to the cable bundle by integrating the bar using a cable tie or adhesive tape. The slotted and flexible bars are an ideal fit for the bundle. EdgeClips 30 additionally grant safe distance between bundle and edge.

Application

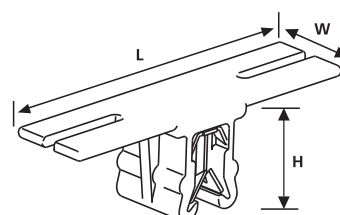
Edge Clips are used in the automotive industries and electrical industries and when it is impossible to drill holes or no other fixing points are available.



Cables and leads can be fastened with a cable tie or adhesive tape to the bars of the mounting element.



EC15 allows bundled cables to run above an edge.



EC15

Technical Table

Article-No.	Type	Length (L)	Width (W)	Height (H)	Panel Thickness min.	Panel Thickness max.	Material	Drawing
151-03404	EC14	40.0	10.0	12.4	1.0	3.0	PA66HIRHS	
151-03401	EC15	40.0	10.0	12.4	1.0	3.0	PA66HIRHS	
151-03402	EC16	40.0	10.0	13.0	1.0	3.0	PA66HIRHS	
151-03403	EC17	46.5	10.0	13.0	1.0	3.0	PA66HIRHS	
151-00819	EC17	46.5	10.0	13.0	1.0	3.0	PA46	
102-68355	ATSBCEC35	39.0	9.0	13.2	1.5	4.0	PA66HIRHS	

Bundling Clips for Edges, 1.0 - 3.0 mm, for Distance Routing

151-00022	EC30	50.0	9.0	13.5	1.0	3.0	PA66HIRHS	
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All dimensions in mm. Subject to technical changes.



Bundling Clips for Connectors

Features and Benefits

The cable bundle is fastened to the winder bar with cable ties or adhesive tape. It is routed above the connector clip. The two BundlingClips elements are used to clip connectors onto the cable set. The connector is fixed securely to the set and is protected against soiling. None of the elements are direction-specific.

Application

The ConnectorClips used here have been designed for cables and cable sets used in the automotive industry.



ConnectorClips designed for cables and cable sets used in the automotive industry.

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

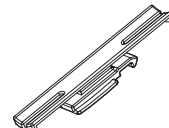


Material Data	
Material	Polyamide 6.6 High Imp. Mod., Heat Stab. (PA66HIRHS)
Operating Temperature	-40 °C to +105 °C
Flammability	UL94 HB

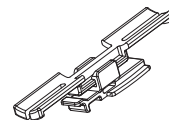


Technical Table					
Article-No.	Type	Length (L)	Colour	Material	Drawing

Bundling Clips for Connectors

155-31102	YAZ-CONN-TAPE-CLIP	55.0	Black (BK)	PA66HS	
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Bundling Clips for Connectors, movable

150-41397	CONNECTOR CLIP	55.0	Black (BK)	PA66HIRHS	
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All dimensions in mm. Subject to technical changes.



Rivet Mount

• TY5-Series

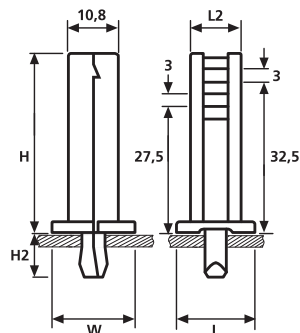
Features and Benefits

Quick installation is one of the key features of the TY mounts. Consisting of a two piece 'wedge' the fixing is easily inserted using special tools. The special 'diagonal' design of the fixing guarantees a secure installation at all times.

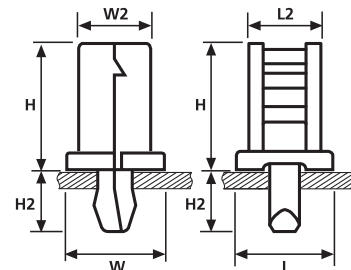
Once installed the TY mounts offer a firm fixing for a wide variety of cable ties.

Application

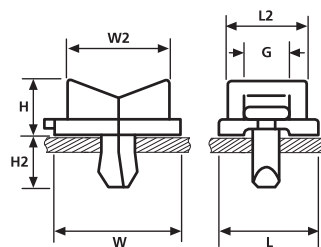
The TY Fixings are ideal for use where a high pull out force is required (eg. in the aircraft industry). The two piece 'wedge' ensures that once installed the mounts will not come away from the panel. Particularly designed for areas with restricted access.



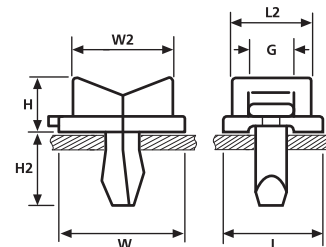
TY5K5 Rivet Mount



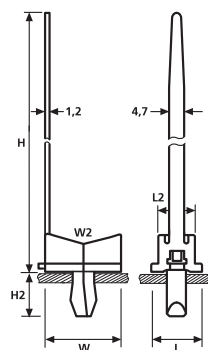
TY5K1 Rivet Mount



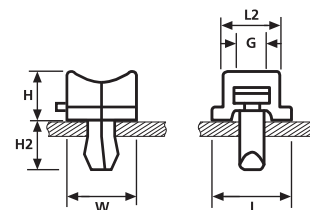
TY5K3/5 Rivet Mount



TY5K3 Rivet Mount



TY5K4 Rivet Mount



TY5K2 Rivet Mount

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)	Length (L2)	Width (W)	Width (W2)	Height (H)	Height (H2)	Strap Width max. (G)	Fixing Hole Ø (FH)	Panel Thickness min.	Panel Thickness max.	Material	Colour
152-51059	TY5K1*	15.0	11.0	14.8	10.8	18.3	9.5	5.5	5.0-5.3	1.0	3.0	PA66HS	Natural (NA)
152-11209	TY5K2	14.0	10.0	12.0	—	7.8	9.5	5.5	4.9-5.3	1.0	5.0	PA66HS	Natural (NA)
152-11309	TY5K3	18.0	14.0	22.0	17.0	10.0	12.5	9.3	5.9-6.4	2.0	8.0	PA66HS	Natural (NA)
152-11359	TY5K3/5	18.0	14.0	22.0	17.0	10.0	9.5	9.3	4.9-5.3	1.0	5.0	PA66HS	Natural (NA)
152-11409	TY5K4	14.0	10.0	22.0	—	175.0	12.5	—	5.9-6.4	2.0	8.0	PA66HS	Natural (NA)
152-55059	TY5K5**	18.0	11.0	17.8	10.8	38.3	9.5	6.0	5.0-5.3	1.0	3.0	PA66HS	Natural (NA)

All dimensions in mm. Subject to technical changes.

*Norm NSA 935513-01 **Norm NSA 935513-05



Fixing elements for Parallel Routing, twistable

Features and Benefits

These saddle spacers are installed between two bundles (such as wires, cables, hoses, tubing, conduit, etc.) to separate them and prevent chafing and wear. The mounts can be easily rotated by hand, allowing the bundles to be crossed and rotated at any angle. Cable ties, which secure the bundles, are used with the mounts. The dual swivel saddle spacers accommodate cable ties up to 12.7 mm wide.

The "H" profile of the saddles allows for broad surface contact with the bundle, minimizing pinching and crushing of the bundle. The mounts are designed to accommodate a wide range of bundle diameters.

The DSWS4 Dual Swivel Saddle Spacer separates the two bundles by 23.6 mm whilst the DSWS5 provides a 17.8 mm separation between bundles.

This product is designed for use with HellermannTyton's T50 - T250 Series cable ties.

Application

Primarily designed for use in the automotive/truck industry, these parts can be used in a wide variety of industries and applications where bundles need separation from each other combined with the necessary functionality to support moving harnesses.



The spacers can be easily rotated by hand, allowing the bundles to be crossed and rotated at any angle.



DSWS4, DSW5.

Material Data

Material	Polyacetal (POM)
Operating Temperature	-40 °C to +85 °C
Flammability	UL94 HB



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

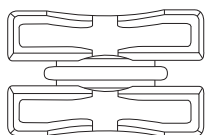


These mounts are designed for use with wide straps (page 87).

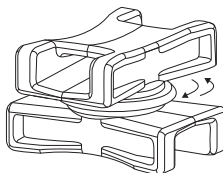
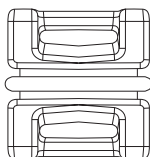


swivels

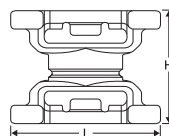
Patents Pending



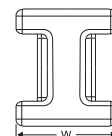
DSWS5



swivels



DSWS4



Technical Table

Article-No.	Type	Length (L)	Width (W)	Height (H)	Bundle Ø min.	Bundle Ø max.	Min. Extraction Force (N)	Material	Colour
DSWS4 with separation 17.8 mm									
151-06500	DSWS4	23.6	20.3	18.0	6.0	76.0	445	PA66HS, POM	Black (BK)
DSWS5 with separation 23.6 mm									
151-06502	DSWS5	40.6	25.4	23.6	16.0	152.0	1112	PA66HS	Black (BK)

All dimensions in mm. Subject to technical changes.



Fixing Elements for BHT-Ties for Distance Routing

• MSBT120

Features and Benefits

This saddle mount is designed for the use with HellermannTyton's button head ties. The saddle mount stands off bundles from frame rails, providing clearance from bolts and other protrusions for protection against abrasion. This mount also allows the flow-through of salt, dirt and other impurities from the road, preventing unwanted build-up on hoses and harnesses.

The tie is snapped into the mount which allows the strap and tie assembly to be preinstalled on the frame rail or panel. The mount can secure three separate bundles, providing parallel spacing between the frame rail and adjacent bundles.

The saddle mount is manufactured with a pilot bushing which prevents the cable tie from chafing against the edge of the mounting hole.

Application

With its heavy duty fixing ability this product offers excellent performance for the truck, ship and construction vehicle industries.



Saddle Mount MSBT120.



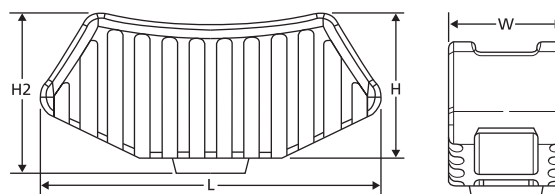
This saddle mount is designed for the use with HellermannTyton's button head ties.



This product for use with the Button Head Ties, please see page 111.

Material Data

Material	Polyamide 6.6 High Imp. Mod., Heat Stab. (PA66HIRHS)
Operating Temperature	-40 °C to +110 °C
Flammability	UL94 HB



MSBT120

Technical Table

Article-No.	Type	Length (L)	Width (W)	Height (H)	Height (H2)	Fixing Hole Ø (FH)		Panel Thickness min.	Bundle Ø max.		Material	Colour
						min.	max.		(side)	(center)		
151-29301	MSBT120	48.3	16.5	20.6	22.2	11.2	20.8	4.1	25.4	152.4	PA66HIRHS	Black (BK)

All dimensions in mm. Subject to technical changes.



Fixing Elements with Fir Tree, for Distance Routing

• S3STM50

Features and Benefits

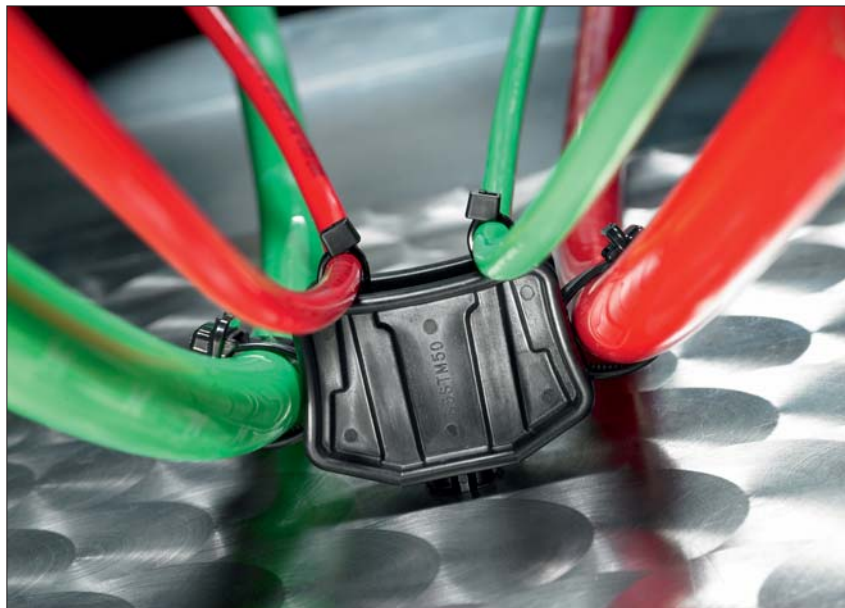
The saddle mounts act as a standoff, elevating bundles above bolt protrusions commonly found in frame rails and panels. The incorporated Fir tree anchor will be pushed into a punched hole of the panel and secures a stable and safe fixation.

A tension tab on the mount allows cable ties to be pre-assembled in position prior to bundles being brought to the mount. The mount can secure up to 4 separate bundles, providing parallel spacing between the frame rail and adjacent bundles.

The fir tree saddle mount accommodates HellermannTyton cable ties up to a width of 12.7mm (T50-T250).

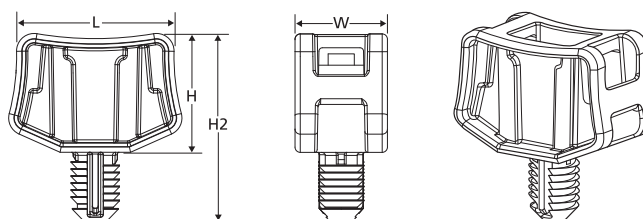
Application

With its heavy duty fixing ability this product offers excellent performance for the truck, ship and construction vehicle industries.



The mount can secure up to 4 separate bundles, providing parallel spacing between the frame rail and adjacent bundles.

Material Data	
Material	Polyamide 6.6 High Imp. Mod., Heat Stab. (PA66HIRHS)
Operating Temperature	-40 °C to +105 °C
Flammability	UL94 HB



Fir Tree Saddle Mounts

Technical Table

Article-No.	Type	Length (L)	Width (W)	Height (H)	Height (H2)	Fixing Hole Ø (FH)	Panel Thickness min.	Panel Thickness max.	Bundle Ø max.	Material	Colour
151-29500	S3STM50	50.0	22.0	35.0	55.0	12.7	1.9	13.0	127.0	PA66HIRHS	Black (BK)

All dimensions in mm. Subject to technical changes.



Fixing Elements for BHT-Ties, for Distance Routing

• CGS1 for Convoluted Tubes

Features and Benefits

This cable guide standoff is designed for the use with HellermannTyton's button head ties. The cable guide standoff stands off bundles from frame rails, providing clearance from bolts and other protrusions for protection against abrasion. This mount also allows the flow-through of salt, dirt and other impurities from the road, preventing unwanted build-up on hoses and harnesses. This product perfectly secures convoluted tubing's up to 26 mm in diameter.

Application

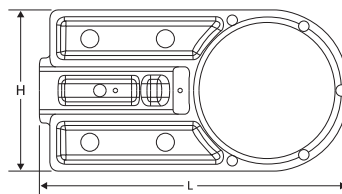
With its heavy duty fixing ability this product offers excellent performance for the truck, ship and construction vehicle industries.



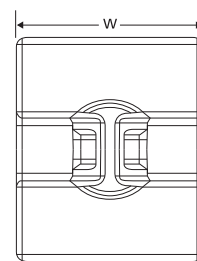
This product perfectly secures convoluted tubing's up to 26 mm in diameter.

Material Data

Material	Polyamide 6.6 High Impact Modified, Heat and UV Stabilised (PA66HIRHSW)
Operating Temperature	-40 °C to +105 °C
Flammability	UL94 HB



Cable Guide Standoff



Cable Guide Standoff



**This product for use with
the Button Head Ties,
please see page 111.**

Technical Table

Article-No.	Type	Length (L)	Width (W)	Height (H)	Bundle Ø max.	Material	Colour
151-00006	CGS1	56.6	25.4	30.5	26.0	PA66HIRHSW	Black (BK)

All dimensions in mm. Subject to technical changes.



Connector Clips for round holes

The connectors are mounted simply by pushing them onto the corresponding clip.

The connector can be removed without damage, a practical and cost efficient benefit in the case of maintenance, repair work and a later recycling. The additional turnstop on some of the ConnectorClips prevents the rotation of the clip within the hole after assembly.



ConnectorClips are available for many different connector types and fixing varieties.

Technical Table

Article-No.	Type	Fixing Hole Ø (FH)	Panel Thickness min.	Panel Thickness max.	Colour	Material	Drawing
155-38102	YCC-FT6-S	6.5-7.0	0.75	1.5	Black (BK)	PA66HIRHS	
151-00606	YCCFT6S-2	6.5-7.0	0.75	1.5	Black (BK)	PA66HIRHS	
155-32602	FT6LG.M.ST.AUFN.II	6.5-7.0	0.75	5.0	Black (BK)	PA66HIRHS	
155-03800	FT6 LG-AMP	6.5-7.0	0.7	6.0	Black (BK)	PA66HIRHS	
155-18901	FT6LG.M.STECKERAUFN.	6.4-7.1	0.75	6.0	Black (BK)	PA66HIRHS	
151-00785	CCFT6LG	6.0-6.7	0.7	4.0	Black (BK)	PA66HIRHS	
151-00786	CCFT6XLG	6.0-6.7	0.7	11.0	Black (BK)	PA66	
155-43702	FT6S-Y-CONN-TS	6.5-7.0	0.8	1.5	Black (BK)	PA66HIRHS	

All dimensions in mm. Subject to technical changes.



Connector Clips for round holes

Technical Table

Article-No.	Type	Fixing Hole Ø (FH)	Panel Thickness min.	Panel Thickness max.	Colour	Material	Drawing
155-30702	FT6LG.YAZ.CONNECT-TS	6.4-7.1	0.7	5.1	Black (BK)	PA66HIRHS	
151-00235	Big YCC TS	6.4-7.1	0.7	5.1	Black (BK)	PA66HIRHS	
151-00459	FT6LG.JAE.CONNECT.TS	6.5-7.0	0.7	5.1	Black (BK)	PA66HIRHS	
155-36002	STECKERHALTER SITZ	6.5-7.0	0.6	3.0	Black (BK)	PA66HIRHS	
151-00675	YCCKSFT6.5	6.3-6.7	0.7	1.3	Black (BK)	PA66HIRHS	
151-00775	CCSFT6.5	6.3-6.7	1.7	2.3	Black (BK)	PA66HIRHS	
150-54498	BIG CONNECTOR CLIP	6.3-6.7	0.7	2.7	Black (BK)	PA66HIRHS	
151-00216	CP2FT6	6.5	0,7	5,0	Black (BK)	PA66HIRHS	
151-00163	CP3FT6	6.5	0,7	5,0	Black (BK)	PA66HIRHS	
151-00162	CP6FT6	6.5	0,7	5,0	Black (BK)	PA6HIR	

All dimensions in mm. Subject to technical changes.



Connector Clips for oval holes

The ConnectorClips for oval holes are mounted as well simply by pushing them onto the corresponding clip. In case of maintenance, repair or recycling it can easily be removed without damage. The arrowhead locks into place when inserted into the hole palpably and ensures a secure fixing at all times.



For a secure fixation simply push the connector by hand on our ConnectorClip YCCFT62x122.

Technical Table

Article-No.	Type	Fixing Hole Ø (FH)	Panel Thickness min.	Panel Thickness max.	Colour	Material	Drawing
151-00704	YCCFT82x185	8.2x18.5	1.5	4.5	Black (BK)	PA66HIRHS	
151-00180	YCCFT62x122	6.2x12.2	0.6	6.0	Black (BK)	PA66HIRHS	
151-00496	CC03	8.0x15.0	0.7	6.35	Black (BK)	PA66HIRHS	
151-00597	CC04	8.0x15.0	0.7	6.35	Black (BK)	PA66HIRHS	
155-43802	STECKERAUFN.LL-FUSS	7.0x12.0	1.2	2.0	Black (BK)	PA66HIRHS	
151-00708	YCKSFT62x122	6.2x12.2	0.7	1.2	Black (BK)	PA66HIRHS	
151-00194	CCSFT7x12	7.0x12.0	0.8	2.0	Black (BK)	PA66HIRHS	
151-00222	CCSFT7x12	7.0x12.0	0.8	2.0	Grey (GY)	PA66HIRHS	
151-00595	CCSFT7x12	7.0x12.0	0.8	2.0	Blue (BU)	PA66HIRHS	
151-00513	YCCSFT62122	6.2x12.2	0.6	1.0	Black (BK)	PA66HIRHS	
151-00465	CP21DOP	6.2x12.2	0,6	5,0	Black (BK)	PA66HIRHS	
151-00214	CP31DOP	6.2x12.2	0,6	5,0	Black (BK)	PA66HIRHS	
151-00466	CP61DOP	6.2x12.2	0,6	5,0	Black (BK)	PA6HIR	

All dimensions in mm. Subject to technical changes.

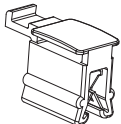
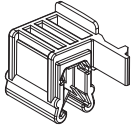
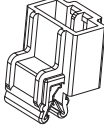
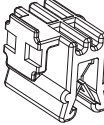
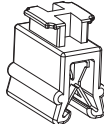
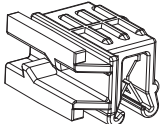
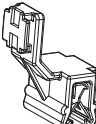
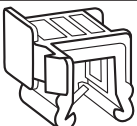


EdgeClip-Family

Connector Clips for Edges

The connectors are mounted simply by pushing them onto or into the corresponding clip. The connector can be removed without damage, a practical and cost-effective benefit in the case of maintenance or repair work. Once fastened to an edge, the EdgeClip will ensure a snug fit for virtually all popular types of connector.

Technical Table

Article-No.	Type	Panel Thickness min.	Panel Thickness max.	Material	Drawing
151-00464	EC6mod	1.0	3.0	PA66HIRHS	
151-00429	EC42	1.5	4.0	PA66HIRHS	
151-00430	EC43	1.5	4.0	PA66HIRHS	
133-00075	EC25	1.0	3.0	PA66HIRHS	
151-00460	EC45	1.0	3.0	PA66HIRHS	
151-00472	EC JAE CC	1.0	3.0	PA66HIRHS	
151-00151	EC28	1.0	3.0	PA66HIRHS	
151-00192	EC33	1.0	3.0	PA66HIRHS	
151-00173	EC32	1.0	3.0	PA66HIRHS	
151-00499	ECC1CPT	3.0	6.0	PA66HIRHS	
151-00611	CCEC3.0TP	1.0	3.0	PA66HIRHS	

All dimensions in mm. Subject to technical changes.



Plastic Nuts

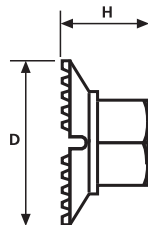
• KM

Features and Benefits

Compared to traditional metal hexagonal nuts, these KM nuts offer much faster assembly as they are simply pushed onto the bolt by hand. They can be easily opened at any time using a normal spanner. Available for both 5mm and 6mm ISO threaded bolts.

Application

KM plastic nuts can be used in virtually all applications where metal nuts may have been used - offering benefits in speed of application, weight saving and corrosion resistance they also offer a secure fixing when subject to vibration. Typical applications can be found in a wide variety of industries from automotive to white goods (domestic appliances).



Plastic Nuts KM5, 6

Material Data

Material	Polyamide 6.6 High Imp. Mod., Heat Stab. (PA66HIRHS)
Operating Temperature	-40 °C to +105 °C
Flammability	UL94 HB



Material Data

Material	Polyamide 6.6 (PA66)
Operating Temperature	-40 °C to +85 °C Continuous, (+105 °C for 500 h)
Flammability	UL94 V2



Technical Table

Article-No.	Type	Ø D	Height (H)	Nut Size (NS)	Colour	Material
150-51910	KM5	17.5	9.5	10.0	Black (BK)	PA66HIRHS
150-61910	KM6	17.5	9.6	10.0	Black (BK)	PA66

All dimensions in mm. Subject to technical changes.