



STEEL CABLE MANAGEMENT SOLUTIONS

FASTCONNECT

BASKET TRAY AS EASY AS 1-2-3

FASTER



STRONGER



SAFER





STEEL CABLE MANAGEMENT

As a British manufacturer of cable management products Tamlex is uniquely placed, with nearly 50 years experience and expertise. Tamlex has a comprehensive product portfolio ranging from floor service boxes to power and lighting trunking systems.

As a design orientated manufacturer, Tamlex has established many standard product ranges as well as special products to suit individual installation circumstances that incorporate features and benefits for the installer.

At Tamlex we strive for excellence in providing cable management products to our expanding customer base. We place a high value on minimizing the impact to the environment and are committed to the maintenance and improvement of environmental practice in our day to day operations as a manufacturer and distributor.



Tamlex continues to innovate with its enhanced new range of FastConnect basket tray and accessories. Tamlex offers a comprehensive range of basket tray solutions for both power and data installation. The range has been designed to help reduce installation time on-site and therefore save you money. The Tamlex FastConnect basket tray system is quick and easy to assemble with no tools required thanks to its patented removable coupler which adds strength and rigidity.

- Safety edges to prevent cable damage and personal injury
- Corrosion resistance, can be used in harsh environments
- Strong, lightweight and simple to install
- Excellent safe working load capabilities
- Meets and exceeds EN61537 standard for electrical continuity
- Pre-fabricated bends available as standard





BASKET TRAY

1



FASTCONNECT AS EASY AS 1-2-3



FASTER



STRONGER



SAFER

2



3





BASKET TRAY

The FastConnect Patented coupler allows for sections of basket tray to be simply joined together without tools in record time.

TYPE OF MATERIAL:

METAL (C4D steel wire, UNE-EN 16120-2:2012)

Ultimate tensile strength: 70kg/mm²

Yield strength: 60 kg/mm²

COATING:

ELECTRO ZINC (EZ) in accordance with UNE-EN 2081 :2010

Zn minimum thickness: 12 µm.



BTF200/60

PRE-INSTALLED
FASTCONNECT
COUPLER

ROUNDED
TERMINATIONS
IN ALL RODS

C6
CORROSION
RESISTANCE

ADVANTAGES:

- Labour Saving - Strong, lightweight and simple to install
- Cost Savings - Does not require screws, bolts or other accessories
- Convenience - FastConnect couplers are pre-installed during manufacture
- Versatile - The FastConnect coupler can be easily removed and repositioned if necessary
- Compliance - In accordance with standard BS EN 61537:2007
- Stronger - Mechanical strength increased up to 22%
- Safer - Rounded terminations of rods to reduce risk of cable damage
- Efficient - Substantial improvement in electrical continuity



CAT. NO.	W (mm)	D (mm)	L (m)
BTF60/60	60	60	3
BTF100/60	100	60	3
BTF150/60	150	60	3
BTF200/60	200	60	3
BTF300/60	300	60	3
BTF400/60	400	60	3
BTF600/60	600	60	3

Not FastConnect



- Supplied with pre-installed FastConnect coupler as standard
- 60mm depth as standard
- Steel wire frame 4.0 mm diameter
- Can be powder coated to any colour
- The FastConnect coupler can be easily removed and repositioned if necessary



Not FastConnect



PREFABRICATED BENDS

90° GRID ELBOW BENDS

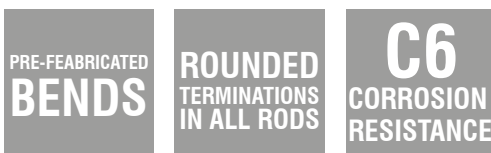
COATING AND TREATMENT:

ELECTRO ZINC (EZ) in accordance with UNE-EN 2081 :2010
Zn minimum thickness 12 µm.

Corrosion Resistance / Minimum 550 hours
In the corresponding lab test according to standards.

TYPE OF MATERIAL:

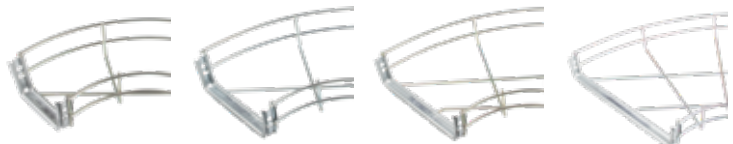
METAL (C4D steel wire, UNE-EN 16120-2:2012)
Ultimate tensile strength: 70kg/mm
Yield strength: 60 kg/mm



BT/FE300

PRE-FABRICATED BENDS

CAT. NO.	W (mm)	D (mm)
BT/FE100	100	60
BT/FE150	150	60
BT/FE200	200	60
BT/FE300	300	60



Supplied with pre-installed FastConnect coupler as standard.

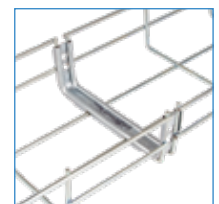
ADDITIONAL FASTCONNECT COUPLER

DESCRIPTION	CAT. NO.	W (mm)
100 mm FastConnect basket tray coupler	BT/FC100	100
150 mm FastConnect basket tray coupler	BT/FC150	150
200 mm FastConnect basket tray coupler	BT/FC200	200
300 mm FastConnect basket tray coupler	BT/FC300	300
400 mm FastConnect basket tray coupler	BT/FC400	400
600 mm FastConnect basket tray coupler	BT/FC600	600

The FastConnect Patented coupler allows for cut sections of basket tray to be simply joined together without tools in record time.



BT/FC150



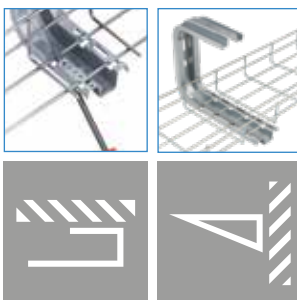
FASTCONNECT SUPPORT BRACKETS

- Support directly on the wall or ceilings, thus preventing potential harm in the anchorage area
- For fastening basket tray: simple, fast and secure fastening with no need for additional bolts or hold down clamps
- For fastening steel cable tray: direct fastening with self-tapping screws, no need for bolts

FASTCONNECT “C” SHAPE SUPPORT BRACKETS



BT-CB200



FOR MOUNTING ON:

Walls.
Ceilings.

WORKS WITH:

All Basket Tray (except 60×60 models).
Steel Cable Trays - Solid or Perforated.

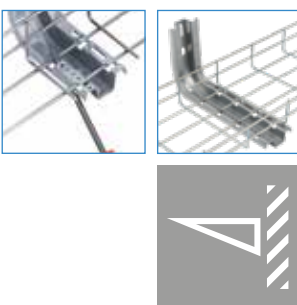
CAT. NO.	W (mm)	D (mm)	A (mm)
BT/CB100	170	215	70
BT/CB150	220	215	70
BT/CB200	270	215	70
BT/CB300	370	215	70
BT/CB400	470	215	70

The distance between supports is of 1.2 m and the maximum load is of 10Kg/m

FASTCONNECT “L” SHAPE SUPPORT BRACKETS



BT-LB200



FOR MOUNTING ON:

Walls.

WORKS WITH:

All Basket Tray (except 60×60 models).
Steel Cable Trays - Solid or Perforated.

CAT. NO.	W (mm)	D (mm)	A (mm)
BT/LB100	170	155	70
BT/LB150	220	155	70
BT/LB200	270	155	70
BT/LB300	370	165	70
BT/LB400	470	175	70

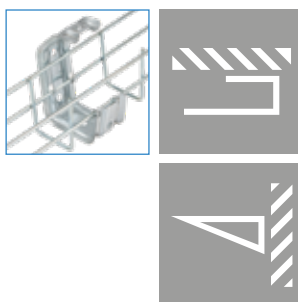
The distance between supports is of 1.2 m and the maximum load is of 10Kg/m

LIGHT DUTY FASTCONNECT BASKET TRAY BRACKET



BT/LDS60

BT/LDS100



FOR MOUNTING ON:

Walls.
Ceilings.

ADVANTAGES:

Tongue system, no additional bolts required.

CAT. NO.	W (mm)	D (mm)
BT/LDS60	60	110
BT/LDS100	100	133

The distance between supports is of 1.2 m and the maximum load is of 2Kg/m

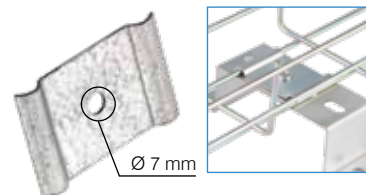
FASTCONNECT FIXING ACCESSORIES



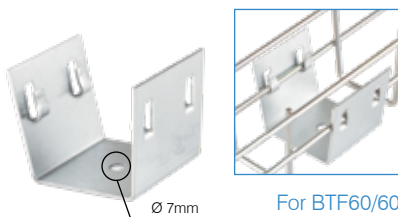
DESCRIPTION	CAT. NO.	PACK QTY.
Union clamp assembly	BT/UC	50



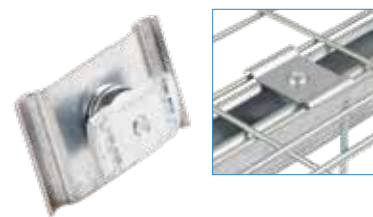
DESCRIPTION	CAT. NO.
Side suspension clip	BT/SS



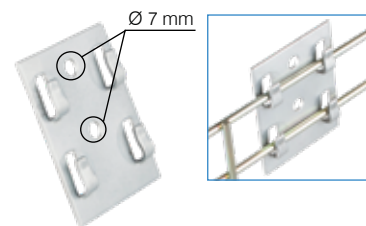
DESCRIPTION	CAT. NO.
Hold down clamp	BT/HD



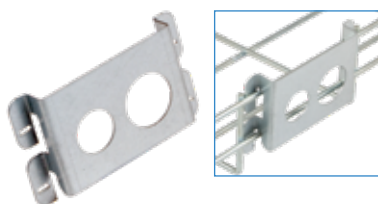
DESCRIPTION	CAT. NO.
Hold down support	BT/HD60



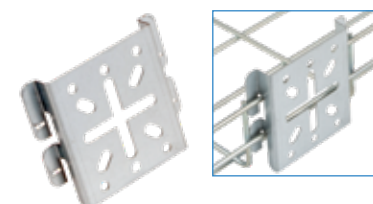
DESCRIPTION	CAT. NO.
Channel support clip	BT/SC



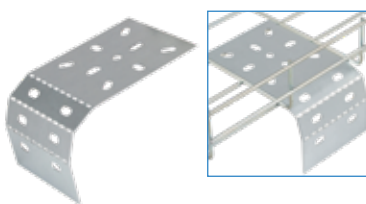
DESCRIPTION	CAT. NO.
Wall bracket	BT/WB



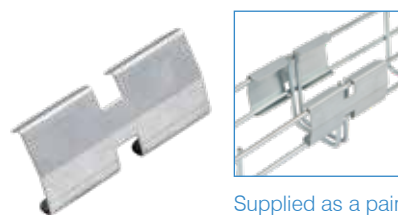
DESCRIPTION	CAT. NO.
Conduit feed plate 20/25 mm	BT/CA



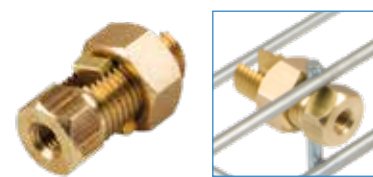
DESCRIPTION	CAT. NO.
Socket box adaptor plate	BT/SB



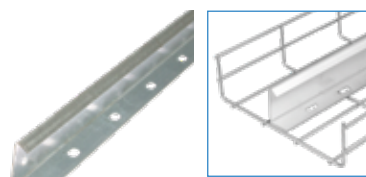
DESCRIPTION	CAT. NO.
Waterfall side support drop out plate	BT/WP



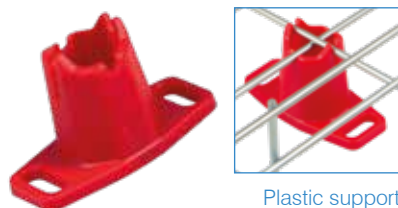
DESCRIPTION	CAT. NO.
Fast fix bracket	BT/FX60



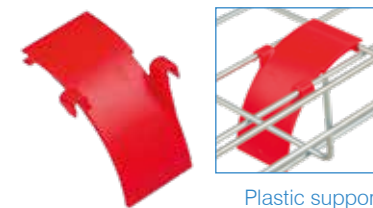
DESCRIPTION	CAT. NO.	PACK QTY.
Earth terminal clamp	BT/EC	50



DESCRIPTION	CAT. NO.
60 mm fillet / divider (3 m)	BT/FT



DESCRIPTION	CAT. NO.
Tray floor foot	BT/FF



DESCRIPTION	CAT. NO.
Cable support drop out plate	BT/CS

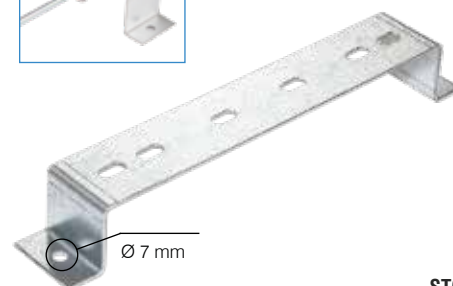
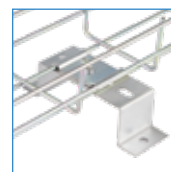


DESCRIPTION	CAT. NO.
Basket Tray Push Fit Lid Clip	BT/LC

Special fixing accessories and supports can be made upon request

STAND OFF BRACKETS

CAT. NO.	W (mm)	H (mm)
STO2	50	40
STO3	75	40
STO4	100	40
STO6	150	40
STO9	225	40
STO12	300	40
STO18	450	40
STO24	600	40

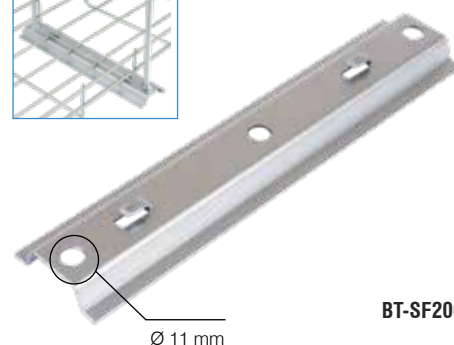
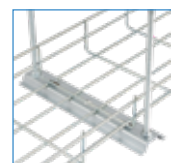


STO9

SUSPENSION FRAME

Use with threaded rod and fasteners to form a trapeze hanger to suspend 100 mm to 600 mm wide basket tray from the ceiling. Incorporates a slot push fit design for speedy fitting. Can also be used as a stand-off bracket.

DESCRIPTION	CAT. NO.	W (mm)	H (mm)
100 mm FastConnect suspension frame	BT/SF100	150	10
150 mm FastConnect suspension frame	BT/SF150	200	10
200 mm FastConnect suspension frame	BT/SF200	250	10
300 mm FastConnect suspension frame	BT/SF300	350	10
400 mm FastConnect suspension frame	BT/SF400	450	10
650 mm FastConnect suspension frame	BT/SF600	650	10



BT-SF200

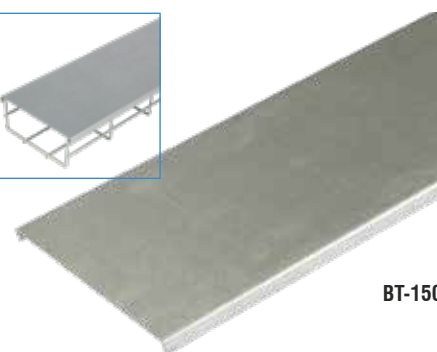
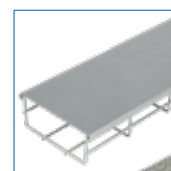
Supplied singly without fasteners.

BASKET TRAY PUSH FIT LID

- Cover eliminates dirt and dust build-up on cables
- Provides physical protection for cables
- To mount the cover no accessories are needed – fixed by Push Fit design

DESCRIPTION	CAT. NO.	W (mm)	D (mm)
100 mm Basket tray 3 m push fit lid	BT/L100	100	10
150 mm Basket tray 3 m push fit lid	BT/L150	150	10
200 mm Basket tray 3 m push fit lid	BT/L200	200	10
300 mm Basket tray 3 m push fit lid	BT/L300	300	10
400 mm Basket tray 3 m push fit lid	BT/L400	400	10
600 mm Basket tray 3 m push fit lid	BT/L600	600	10

Standard length - 3 metres.



BT-150

BASKET TRAY PUSH FIT LID CLIP



- Push fit / Lock design
- Designed to offer additional support when securing our Push Fit Basket Tray Lids

DESCRIPTION	CAT. NO.
Basket Tray Push Fit Lid Clip	BT/LC



FASTCONNECT TECHNICAL INFORMATION

	Minimum working temperature	Maximum working temperature	According to standard
60 mm FastConnect Basket Tray	-40°C	+150°C	BS EN 61537

MATERIAL

Electrogalvanised (ELECTRO ZINC/EZ)

A steel base coated with a zinc layer by electrolysis, by means of submerging the lengths in a bath composed of a zinc solutions, in accordance with BS EN ISO 2081. Depending on the type of zinc layer, it will have a different degree of protection on the steel, avoiding corrosion and enhancing the visual appearance of the length. This treatment is carried out once the length has been welded.

The IEC 61537 Standard classifies the degree of resistance to corrosion of the system's components depending on the steel's electrolytic covering, belonging to Class 1 those with a minimum thickness of 5µm and to Class 2 those of 12µm. Tamlex uses **Class 6** as its standard material for its basket tray in order to guarantee the quality of its products against corrosion. This treatment is used in dry environments free of pollutants.

SUPPORT BRACKET

The distance between supports is of 1.2 m and the maximum load is of 10Kg/m.

LIGHT DUTY SUPPORT BRACKET

The distance between supports is of 1.2 m and the maximum load is of 2Kg/m.

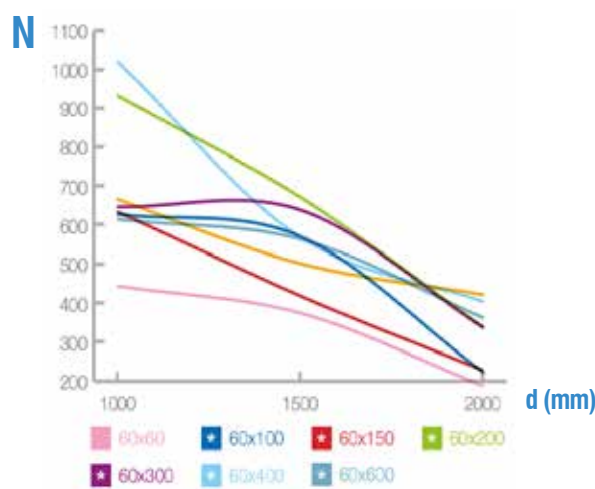
EARTH BONDING

For earth bonding requirements please refer to the current Wiring Regulations BS7671 and all current amendments.

ALLOWABLE WORKING LOAD AWL (N/M)

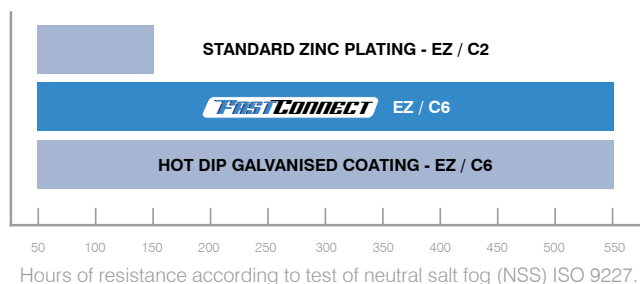
The allowable working load (AWL) is the maximum load which can be applied during normal use, without danger. Therefore, the workload shall always be less than the AWL.

The AWL of our products are calculated in accordance with BE EN 61537.



AWL = (NEWTONS/M) ; D = DISTANCE BETWEEN SUPPORTS (MM)
1 NEWTON = 0.102 KG.

NEW INNOVATIVE PLATED FINISH OFFERING SUPERIOR PROTECTION AGAINST CORROSION



HIGHER CORROSION RESISTANCE

550 hours of resistance according to test of neutral salt fog (NSS) ISO 9227.

HIGHER CORROSION RATING ACCORDING TO PRODUCT STANDARD IEC 61537

Class 6.

GREENER COATING

The final solution requires less chemicals, with lower levels of discharge of metal in the wastewater. Reduces costs and environmental impact.

Tamlex presents its new anti-corrosion coating applied to the basket tray. After a long period of research and development with specialists in the field, the result is a superior galvanic coating. **Iridescent**, fluoride-free with much higher quality to the previous electro zinc and dichromate electrozinc.



Pre-Fabricated Bends



Tool Free Installation



FastConnect Coupler Included



Electrical Continuity Compliant to EN 61537



Coupler Can Be Easily Removed and Repositioned



Safety Edge To Avoid Damage To Cables



CASE STUDY

FAST CARS AND FASTCONNECT IN SOUTH WALES

The new FastConnect basket tray recently launched by Tamlex of Telford has a unique design that enables quick and easy installation and so saving precious time on site against traditional products. The patented coupler does not require screws, tools or any other fastener as it simply clips into position and can be easily removed and repositioned if necessary.

Having been presented to Stuart Newnes, Director of Integrated Electrical Projects of Ashton-Under-Lyme it was chosen for use in a refurbishment of a luxury car dealership in Cardiff.

"I found the FastConnect couplers really made a difference to the install time," said Craig Baker, "because of how easy they are to clip in. The basket I have used on previous jobs has a thread through clip on each side and can cause problems if you need to remove them. FastConnect has the added benefit that you don't have to order the clips separately, which saves money! I would happily use and recommend this system on future projects due to the ease of installation."

Stratstone
quality with style



NO NEED TO 'MESH' ABOUT!

Ridgeons the timber and builders merchants have continued their expansion across the East Anglia area by opening another new branch in Coldhams Business Park, Cambridge. As part of the electrical fit-out main contractors 7formation used Steve Rudkin Electrical of Stamford, Peterborough, to carry out the installation. Following a site visit where the choice of whether to use traditional steel cable tray for all the overhead containment or wire basket were considered, the decision was made to use the new FastConnect range from Tamlex, the steel cable management specialists from Telford.

The conditions in the new store and the amount of cables to be contained made FastConnect an ideal option. The patented coupling system and the ready availability of bends, tees and risers enable a fast installation and provide an on-site flexibility over conventional perforated tray. "We found the Tamlex FastConnect very quick and easy to install" said Steve Rudkin, "and I am already considering using it again on the next job."

For cable management in the offices, the Meridian three compartment trunking system by Centaur Manufacturing was installed. The clever design of flexible bends, clip-on covers and pre-pierced bases all assisted in a quick and speedy installation. A protective peel-off film is applied to the outer covers which is only removed once all decorations are completed.

"It seems Centaur and Tamlex design their products to make installation simple and quick", said Steve, "which means reducing costs for me and my clients which is always good news".





CASE STUDY

PARO GROUP LTD

Paro Group Ltd is a small but growing company, specialising in fire, access, intruder and CCTV design, specification, installation, commissioning and maintenance. Based in the West Midlands they have recently carried out an installation as part of a substantial upgrade of office and warehousing space for a well-known bathroom manufacturer in Redditch.



To provide a lightweight but strong high level cable support system they selected the new FastConnect wire basket by Tamlex, specialist steel cable management manufacturers from Telford.

The unique patented FastConnect coupling system is simplicity itself compared to other established products available. Just a simple push down to clip together the lengths of basket tray is all that is needed. No tools are required. In fact Anthony Lawrence, Paro Group Site Engineer said, "if our apprentice can install it with no experience it must be a good system! It goes together really easily and has sped up the installation." "Time and efficiency is very important to us on any installation" added Kerstin Collier from the group's headquarters, "and fitting the 58 x WiFi points, 77 x CCTV cameras and all the fire alarm equipment and cabling was made so much quicker by the speed that we could hang all the cable basket".

FastConnect lengths are supplied with a coupler at one end to save time resourcing separate items and all wire ends have been de-burred to prevent any snagging or damage as cables are laid in. FastConnect complies with EN 61537 for electrical continuity and C6 corrosion resistance. This year sees Tamlex celebrating 50 years of continuous UK manufacturing.



NOTES



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