



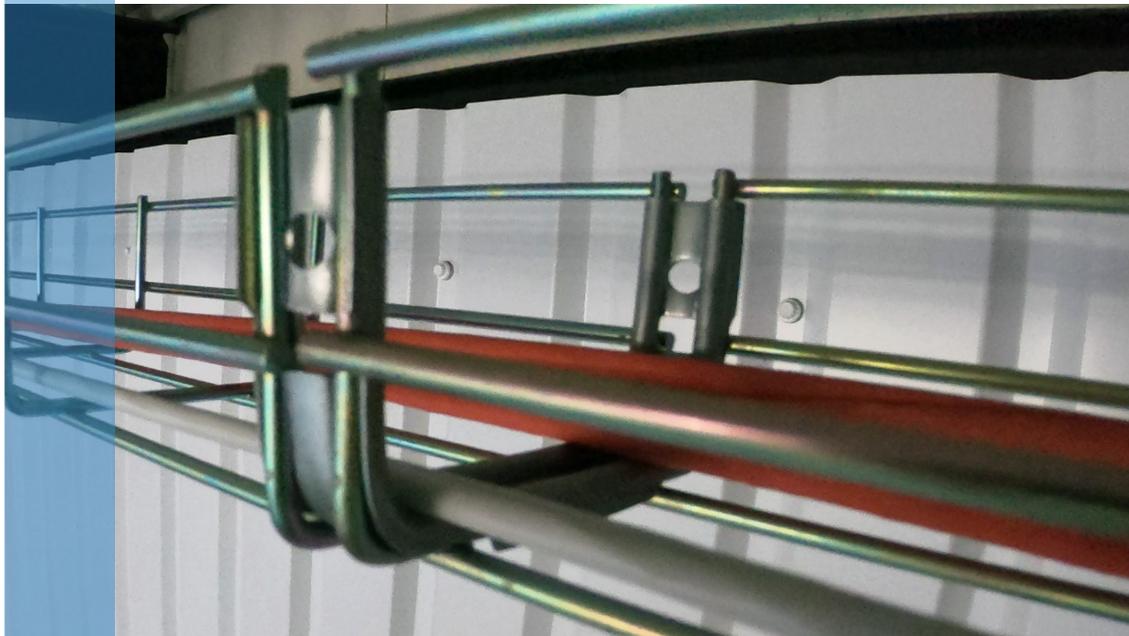
50
1969-2019

CELEBRATING 50 YEARS OF BRITISH MANUFACTURING

STEEL CABLE MANAGEMENT

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 minimising 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



FASTCONNECT

BASKET TRAY



FASTCONNECT AS EASY AS 1-2-3



Faster

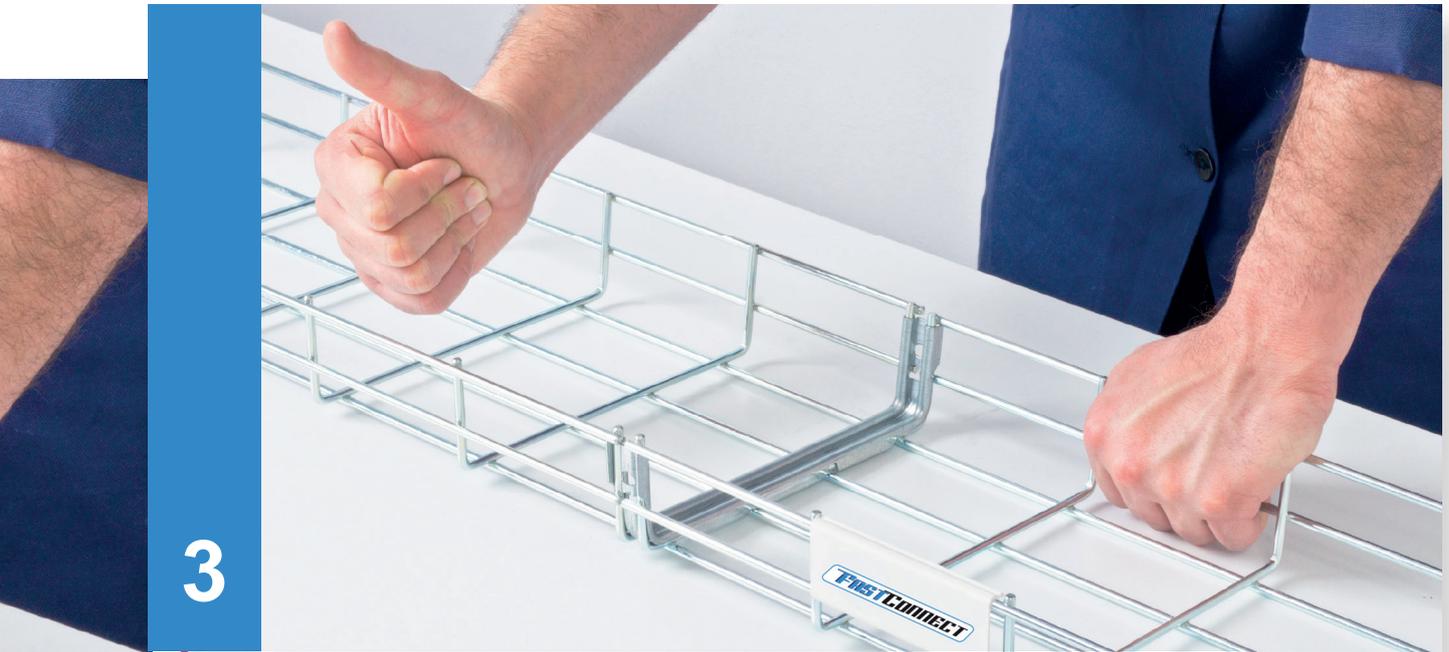


Stronger



Safer







BASKET TRAY

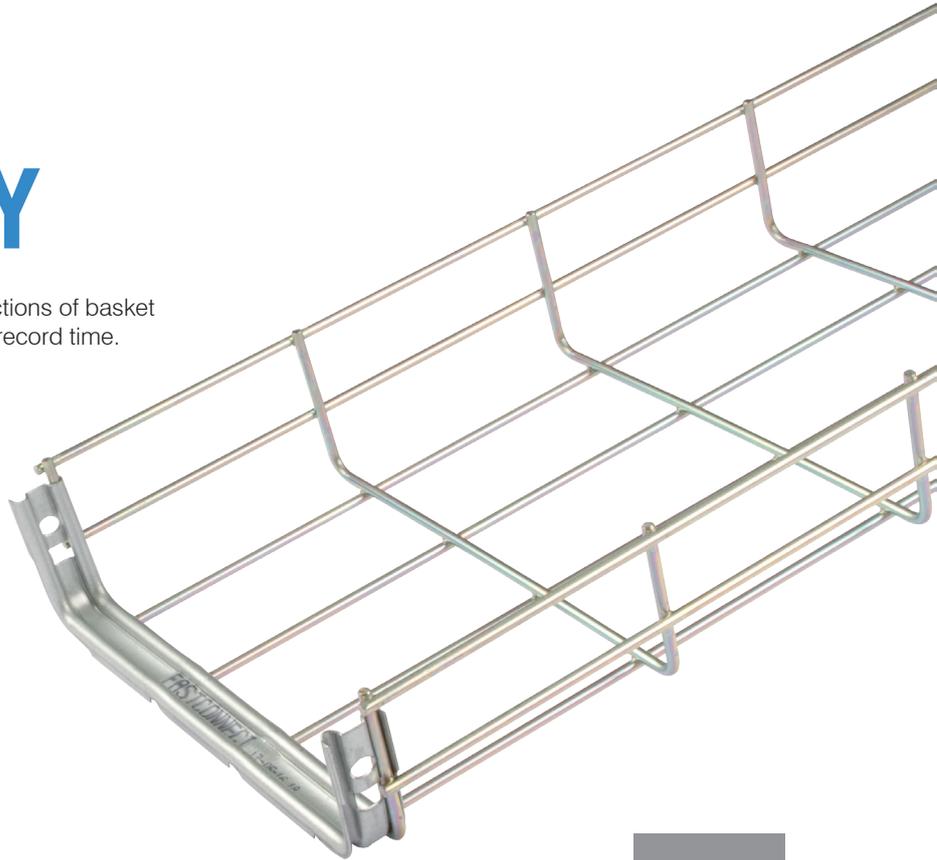
The FastConnect Patented coupler allows for sections of basket tray to be simply joined together without tools in record time.

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.



PRE-INSTALLED
 FASTCONNECT
 COUPLER

ROUNDED
 TERMINATIONS
 IN ALL RODS

C6
 CORROSION
 RESISTANCE

BTF200/60

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





PRE-FABRICATED 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

| | | |
|--------------------------------|---|--|
| PRE-FABRICATED BENDS | ROUNDED TERMINATIONS IN ALL RODS | C6 CORROSION RESISTANCE |
|--------------------------------|---|--|



BT/F300

PRE-FABRICATED BENDS

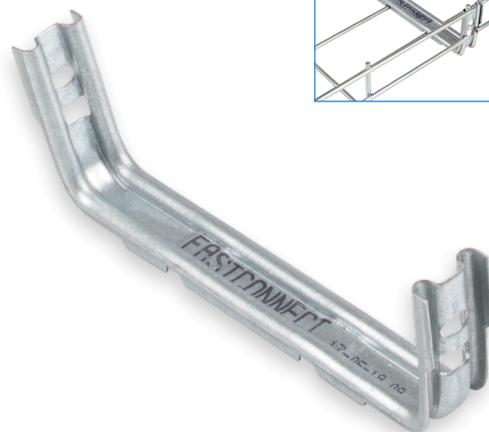
| CAT. NO. | W (mm) | D (mm) |
|-----------------|--------|--------|
| BT/FE100 | 100 | 60 |
| BT/FE150 | 150 | 60 |
| BT/FE200 | 200 | 60 |
| BT/FE300 | 300 | 60 |



Supplied with pre-installed FastConnect coupler as standard.

ADDITIONAL FASTCONNECT COUPLER

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



BT/FC150

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

FASTCONNECT SUPPORT BRACKETS

FASTCONNECT "L" SHAPE SUPPORT BRACKETS



BT-LB200



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

FASTCONNECT "C" SHAPE SUPPORT BRACKETS



BT-CB200



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

- 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
- Available with a new HR finish (highly resistant against corrosion). Class 8

LIGHT DUTY FASTCONNECT BASKET TRAY BRACKET



BT/LDS60

BT/LDS100



FOR MOUNTING ON:

Walls.
Ceilings.

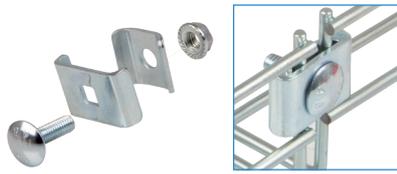
ADVANTAGES:

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

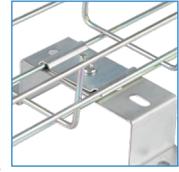
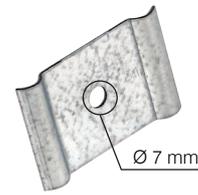


Sold in 50's

| 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 |

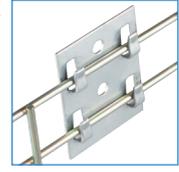


For BTF60/60

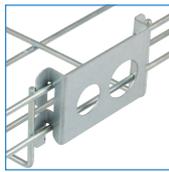
| DESCRIPTION | CAT. NO. |
|-------------------|----------------|
| Hold down support | BT/HD60 |



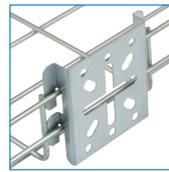
| DESCRIPTION | CAT. NO. |
|----------------------|--------------|
| Channel support clip | BT/SC |



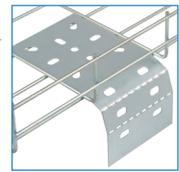
| DESCRIPTION | CAT. NO. |
|--------------|--------------|
| Wall bracket | BT/WB |



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



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

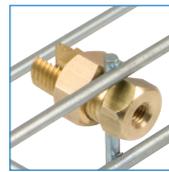


| DESCRIPTION | CAT. NO. |
|---------------------------------------|--------------|
| Waterfall side support drop out plate | BT/WP |



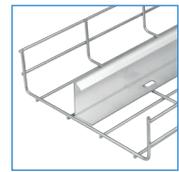
Supplied as a pair

| DESCRIPTION | CAT. NO. |
|------------------|----------------|
| Fast fix bracket | BT/FX60 |



Sold in 50's

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

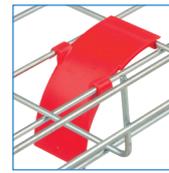


| DESCRIPTION | CAT. NO. |
|------------------------------|--------------|
| 60 mm fillet / divider (3 m) | BT/FT |



Plastic support

| DESCRIPTION | CAT. NO. |
|-----------------|--------------|
| Tray floor foot | BT/FF |



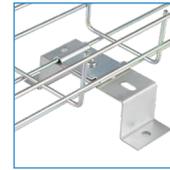
Plastic support

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

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. Supplied singly without fasteners.

| DESCRIPTION | CAT. NO. |
|-------------------------------------|-----------------|
| 100 mm FastConnect suspension frame | BT/SF100 |
| 150 mm FastConnect suspension frame | BT/SF150 |
| 200 mm FastConnect suspension frame | BT/SF200 |
| 300 mm FastConnect suspension frame | BT/SF300 |
| 400 mm FastConnect suspension frame | BT/SF400 |

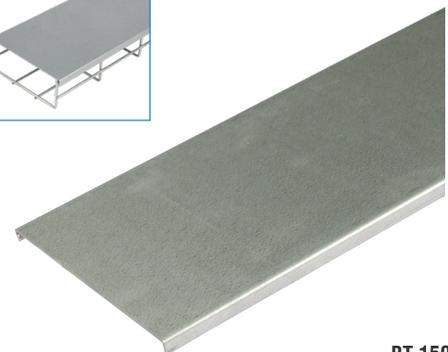


BT-SF200

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 |



BT-150

Standard length - 3 metres.



FASTCONNECT TECHNICAL INFORMATION

| | | | |
|-------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|
| 60 mm FastConnect Basket Tray | Minimum working temperature -40°C | Maximum working temperature +150°C | According to standard 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 solution, 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.

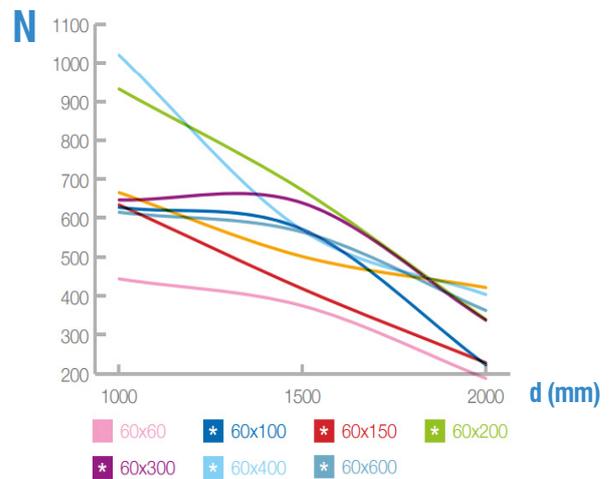
EARTH BONDING

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

ALLOWABLE WORKING LOAD AWL (N/M)

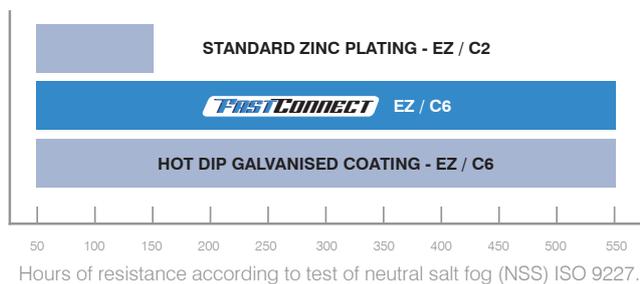
The allowable working load (AWL) is the maximum load which can be applied during normal use, without danger. Therefore, the workload shall always be less than the AWL.

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



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FASTCONNECT



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Issue 2.4