



ABN 43 008 701 335

SECTION 2

Cable Tray

A U S T R A L I A W I D E A U S T R A L I A N M A D E

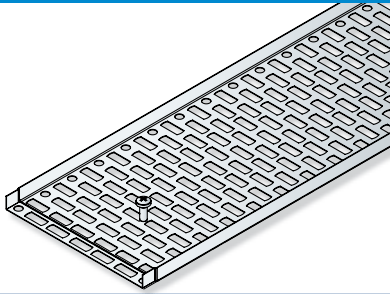


Quality Endorsed Company ISO9001 Lic No 13146

EDITION 2

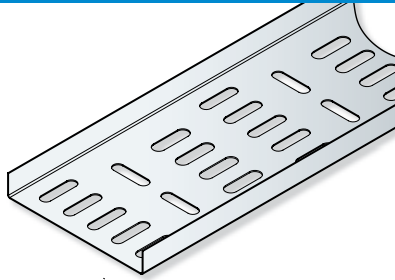
SECTION 2: Cable Tray

Admiralty Pattern Tray



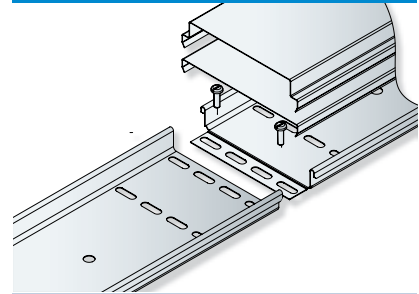
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Continuous Punch Cable Tray



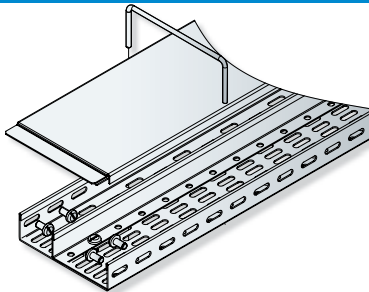
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Light Duty Tray



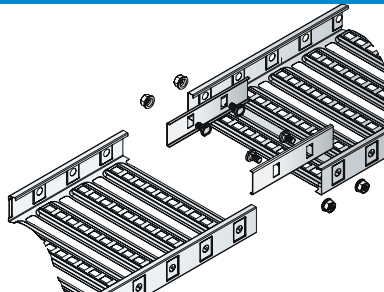
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CT Heavy Duty Cable Tray



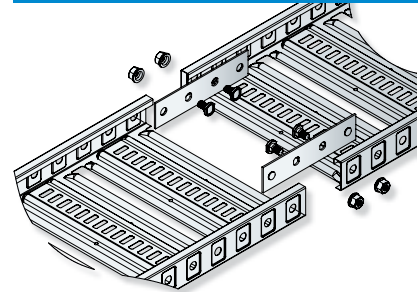
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KT2 Ladder Tray



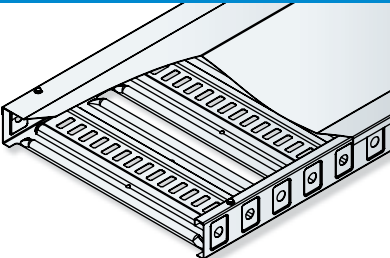
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KT3-5 Ladder Tray



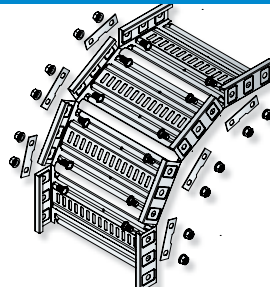
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KT3-5 Ladder Tray Covers/
Trapeze Supports



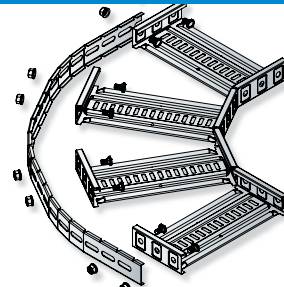
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KT3-5 Ladder Tray Riser & Tee



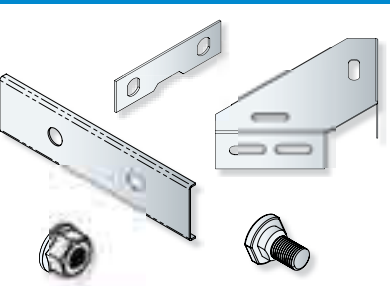
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KT3-5 Ladder Tray Bend & Cross



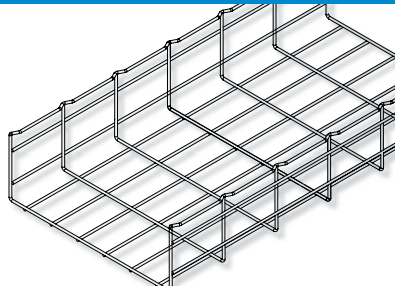
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KT2-5 Ladder Tray Accessories



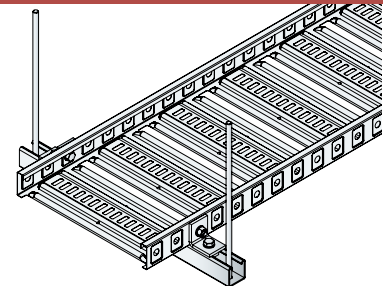
> 2:22

Cable Mesh Tray



> 2:23

Fire Rated Cable Supports



See separate catalogue for Fire Rated Cable Support details

FIRE RATED SECTION See separate catalogue for Fire Rated Cable Ladder and Tray Systems.
Fire rated to AS/NZS 3013:2005

Admiralty Pattern Tray

General Description

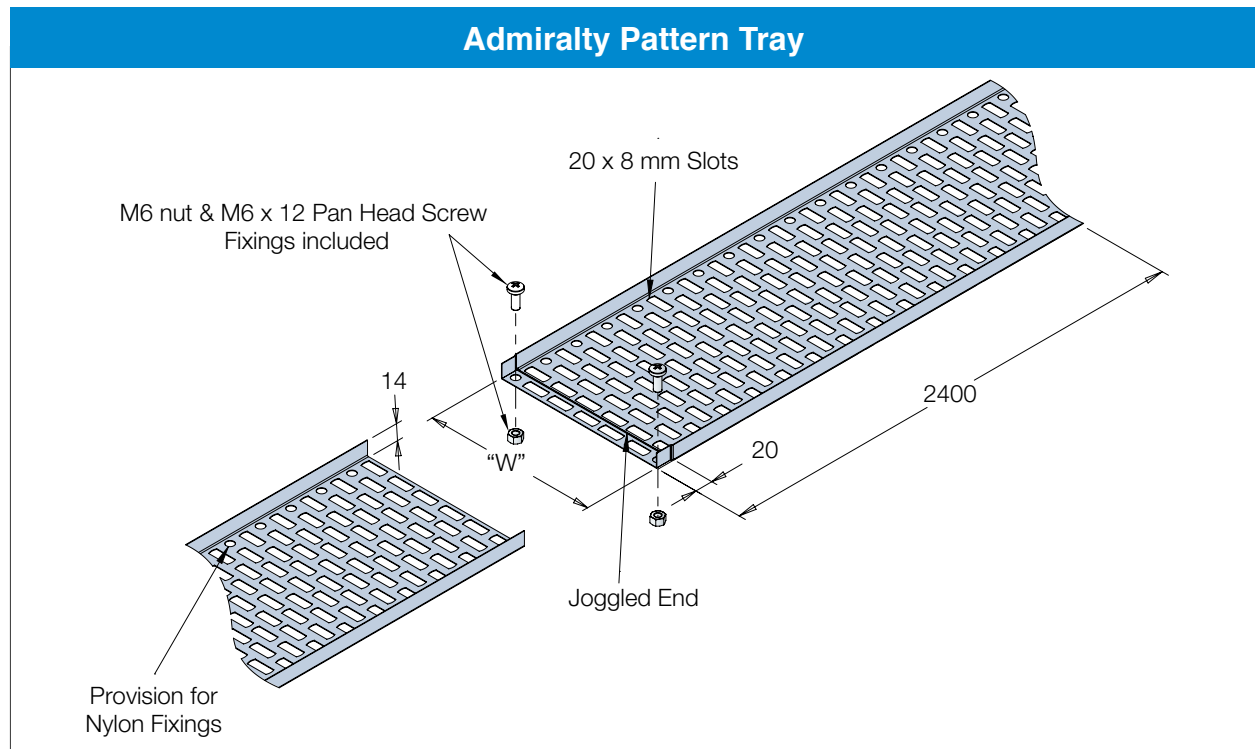
The Kounis Group Admiralty Pattern Tray System was developed for use in general applications where installers are looking for an economical option for cable management.

The finished product is constructed from 0.75 mm base material of which there are two options; **Galvabond** and post production **Hot Dip Galvanised** surface treatment. Both of which offer the following features:

- 2.4 m length
- 14 mm side
- Self-splicing ends making for cost efficient installation by eliminating the need for additional materials
- Perforated tie off points at 25 mm continuous centres offering superior ventilation and efficient use of tray width
- Reverse punched to ensure burr free cable laying surface
- A full range of fittings available (**made to order**)

Painted finish is available on request.

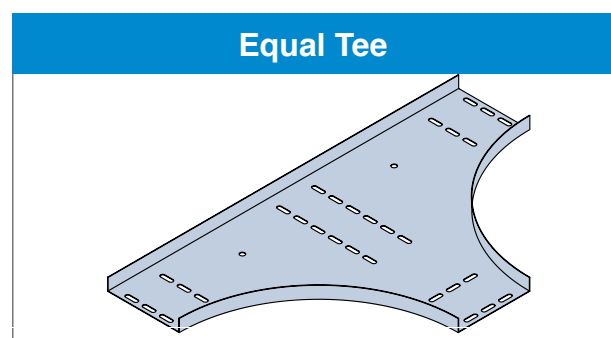
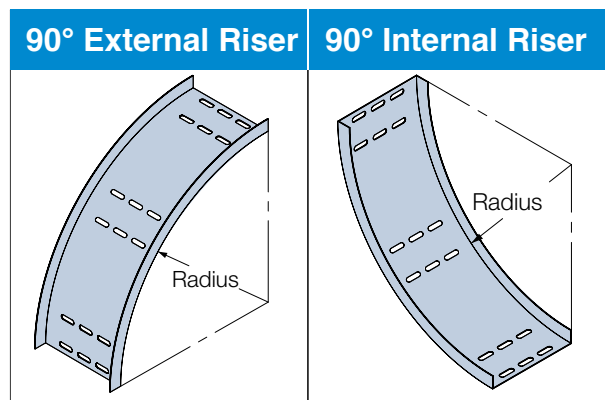
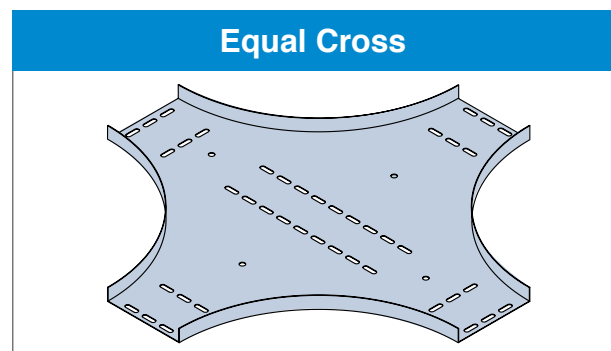
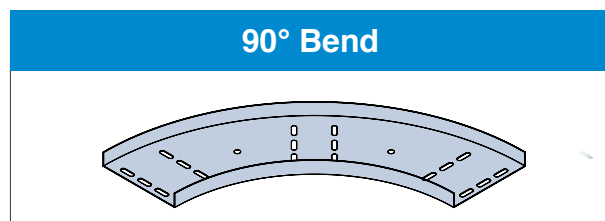
Admiralty Pattern Tray



CABLE TRAY

Admiralty Pattern
Tray & Fittings

Fittings Available on Request



When Ordering

Range	Type	Wide	Std.Finish	Fastenings	Finish
KAP KAP = Admiralty Pattern Tray	T T = Tray TB = Bend 90D TT = Tee Equal TC = Cross Equal TRX = External Riser 90° TRI = Internal Riser 90°	7 7 = 75 mm 10 = 100 mm 15 = 150 mm 23 = 230 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G G = Galvabond H = Hot Dip Galvanised	K K = Includes all Bolts and Nuts	PC-COL PC = COL = Paint Painted Finish to Kounis standard colour range
ORDERING EXAMPLE SHOWN: Admiralty Pattern Tray 75 mm wide Galvabond c/w Bolts and Nuts. Painted Finish to specification colour. NOTE: Unequal Tees and crosses made to firm order.				NOTE: 45° bend/riser option shown after size (eg: 745 code) for alternative.	

E.&O.E.

Continuous Punch Cable Tray

General Description

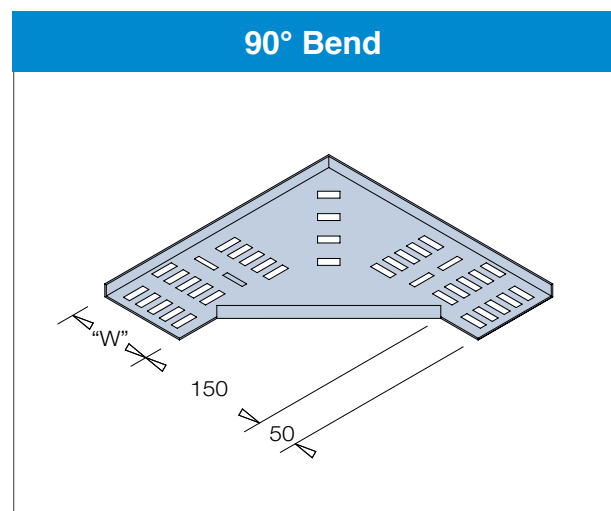
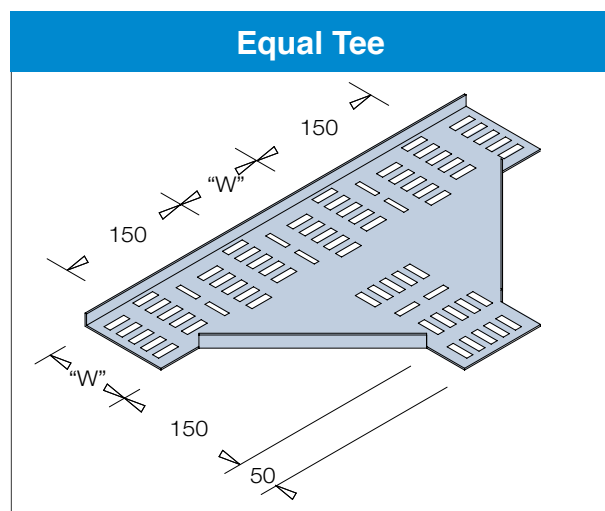
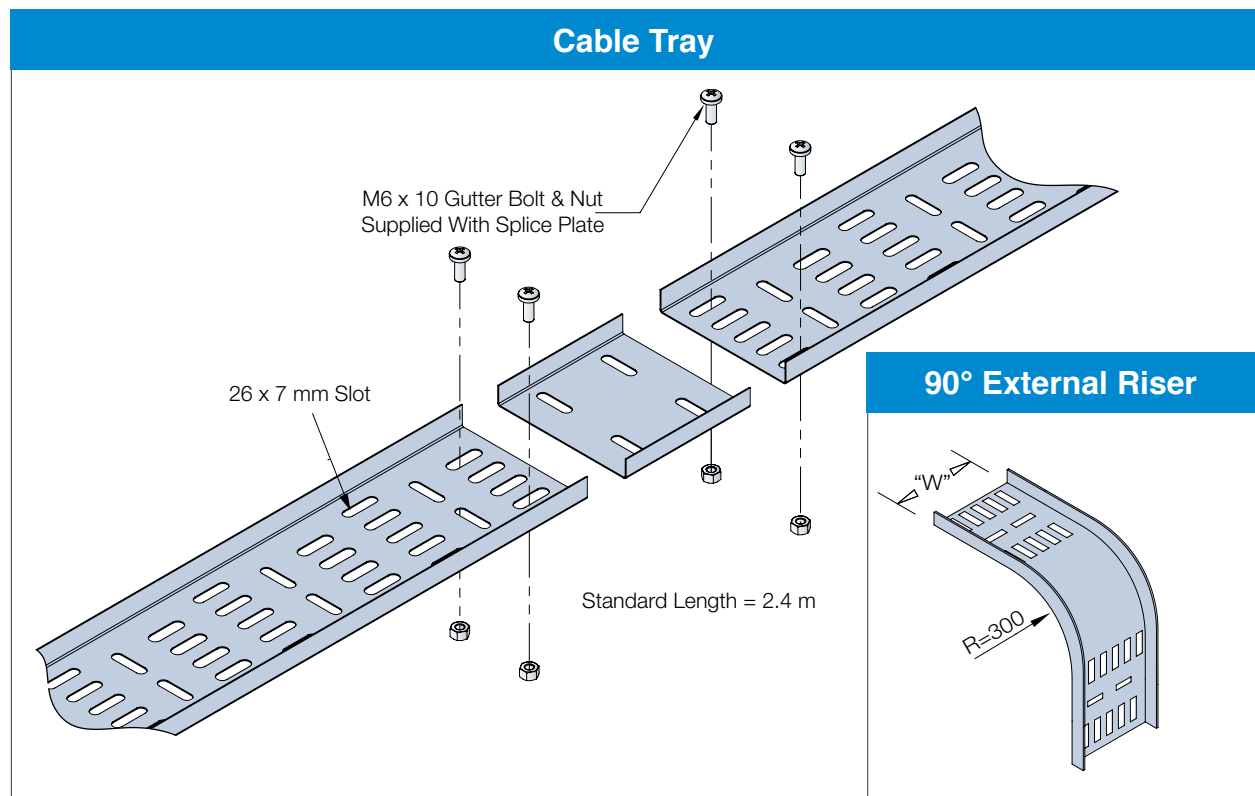
The Kounis Group Continuous Punch Cable Tray System was developed for use in Instrumentation and shipbuilding applications where the surrounding environment calls for a low profile medium durability system that can withstand impact from wind and loose debris.

The finished product is constructed from a variety of material finishes and thicknesses ranging from; **Galvabond** 0.90 mm, **Hot Dip Gavanised** 0.90 mm, 316 Grade **Stainless Steel** 0.90 mm and **Aluminium** 2.0 mm. All of which offer the following standard features and options:

- 2.4 m length
- 14 mm side
- Perforated tie off points at running length and width wise consecutively offering multiple options for cable tie off and superior ventilation
- A full range of fabricated fittings to suit

Custom sizes and painted finish available on request

Continuous Punch Cable Tray



When Ordering

Range	Type	Wide	Std.Finish	Fastenings	Finish
CP CP = Continuous Punch Cable Tray	T T = Tray B = Bend 90° TT = Tee Equal C = Cross Equal RX = External Riser 90° RI = Internal Riser 90° P = Spice Plate	7 7 = 75 mm 10 = 100 mm 15 = 150 mm 23 = 230 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G G = Galvabond H = Hot Dip Galvanised A = Aluminium S = Stainless Steel	K K = Includes all Bolts and Nuts	PC-COL PC = COL = Paint Painted Finish to Kounis standard colour range
ORDERING EXAMPLE SHOWN: Continuous Punch Tray 75 mm wide Galvabond c/w Bolts and Nuts. Painted Finish to specification colour				NOTE: 45° bend/riser option shown after size (eg: 745 code) for alternative.	

Light Duty Tray

General Description

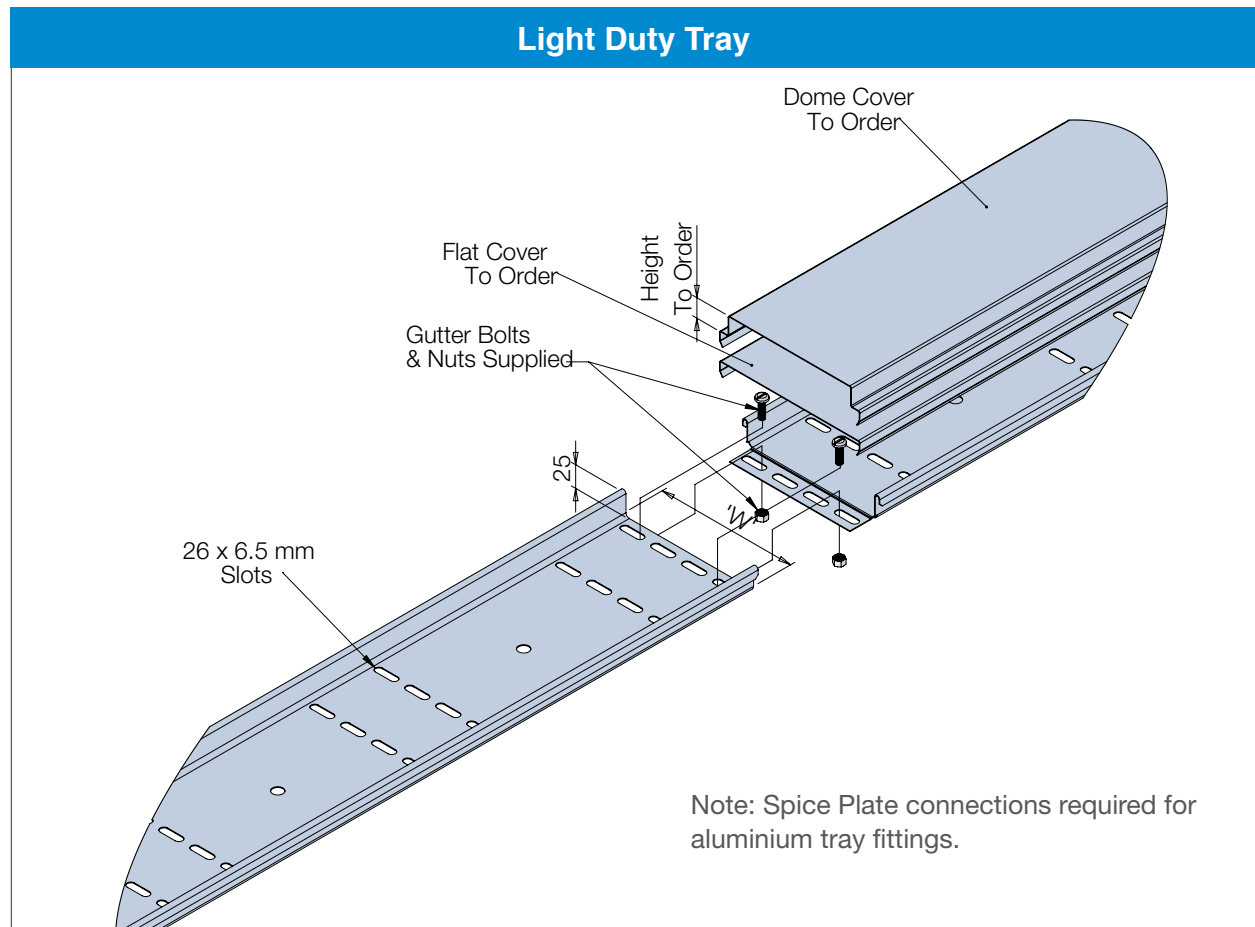
The Kounis Group Light Duty Tray System was developed for use in any application where installers are looking for exceptional load bearing characteristics from a light series tray system.

The finished product is constructed from a variety of material finishes and thicknesses; **Galvabond** 0.8 mm thick up to 300 mm wide and 1.0 mm for 450 and 600, **Hot Dip Galvanised** 0.8 mm thick up to 300 mm wide and 1.0 mm for 450 and 600, **Stainless Steel** 0.9 mm thick all sizes, **Aluminium** 2.0 mm thick all sizes. All of which offer the following standard features and options:

- 2.4 m length
- 25 mm side with rolled lip stiffening
- Self-splicing ends making for cost efficient installation by eliminating the need for additional materials
- Evenly spaced perforated tie off points
- Centre hang option
- A full range of fittings available (**splice plates required**)

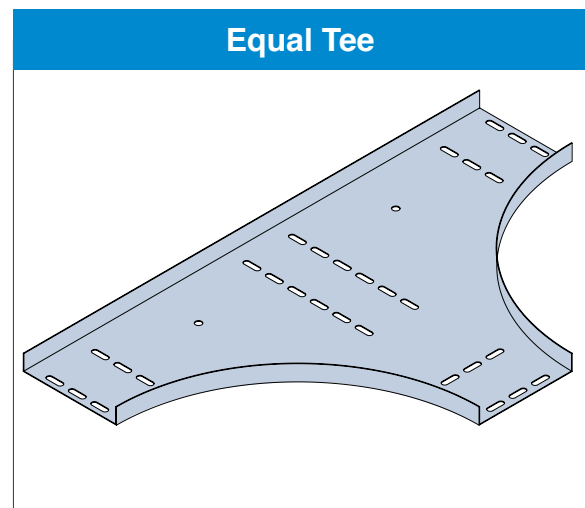
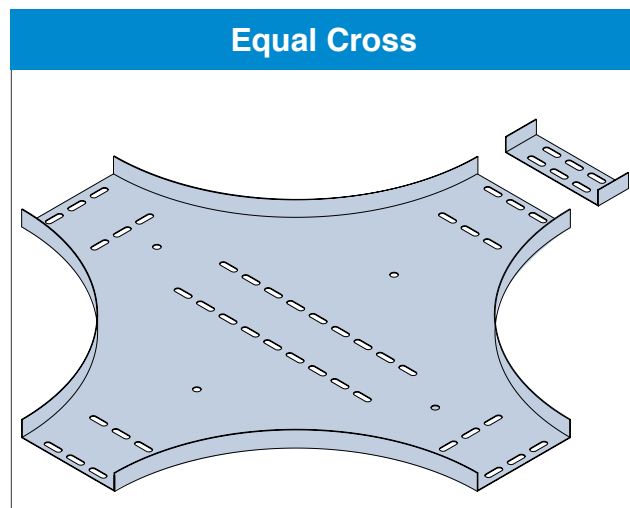
Painted finish and custom fittings available on request

Light Duty Tray



CABLE TRAY

Light Duty Tray
& Fittings



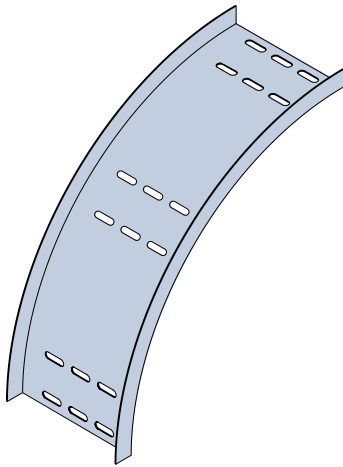
When Ordering

Range	Type	Wide	Std.Finish	Fastenings	Finish
L L = Light Duty Cable Tray	DT DT = Tray T = Tee Equal C = Cross Equal FC = Flat Cover DC = Domed Cover (height made to order) P = Spice Plate	7 7 = 75 mm 10 = 100 mm 15 = 150 mm 23 = 230 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G G = Galvabond H = Hot Dip Galvanised A = Aluminium S = Stainless Steel	K K = Includes all Splice Plates Bolts and Nuts	PC-COL PC-COL = Paint Painted Finish to Kounis standard colour range
ORDERING EXAMPLE SHOWN: Light Duty Cable Tray 75 mm wide Galvabond c/w Bolts and Nuts. Painted Finish to specification colour.				NOTE: Unequal Tees and Crosses made to firm order.	

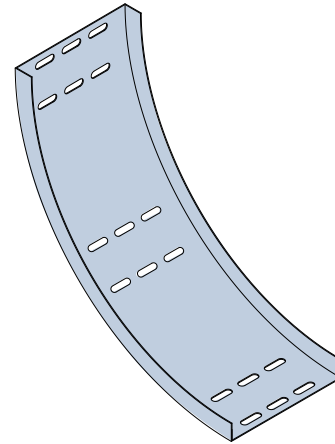
E.&O.E.

Light Duty Tray

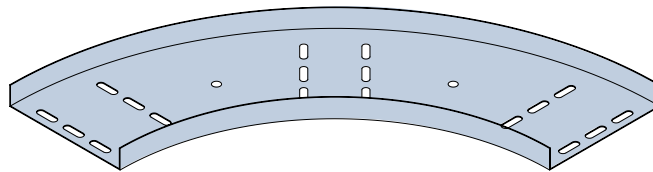
90° External Riser



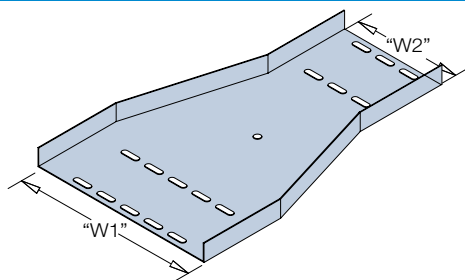
90° Internal Riser



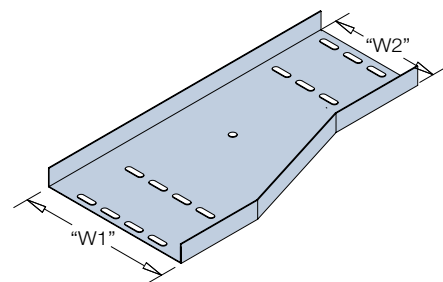
90° & 45° Bend



Straight Reducer



Offset Reducer Left



When Ordering

Range	Type	Wide	Std.Finish	Fastenings	Finish
L L = Light Duty Cable Tray	B B = Bend 90D RX = External Riser 90° RI = Internal Riser 90° SR = Straight Reducer LR = Left Reducer RR = Right Reducer (see notes)	7 7 = 75 mm 10 = 100 mm 15 = 150 mm 23 = 230 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G G = Galvabond H = Hot Dip Galvanised A = Aluminium S = Stainless Steel	K K = Includes all Splice Plates Bolts and Nuts	PC-COL PC-COL = Paint Painted Finish to Kounis standard colour range
ORDERING EXAMPLE SHOWN: Light Duty Tray Bend 90° 75 mm wide Galvabond c/w Bolts and Nuts. Painted Finish to specification colour. NOTE: Reducers to show large width first i.e. 300 to 150 (3015).				NOTE: 45° bend/riser option shown after size (eg: 745 code) for alternative.	

CT Heavy Duty Cable Tray

General Description

The Kounis Group CT Heavy Duty Cable Tray System was developed for use in mining and offshore applications and has been designed for use in demanding locations where additional strength and durability are required due to extreme winds.

The finished product is constructed from 1.6 mm base material of which there are four options; **Mild Steel** with post production **Hot Dip Galvanised** surface treatment, **Galvabond**, 316 Grade **Stainless Steel** and **Aluminium**. All of which offer the following features:

- 2.4 m length
- 40 mm side
- Double folded top flange giving extra load bearing characteristics with no sharp edges
- Perforated tie off points at 40 mm continuous centres running length wise enabling wider cable bandings to be used as well as offering superior ventilation
- A full range of fabricated fittings to suit
- Heavy duty covers can be supplied complete with clamp rod fixing brackets

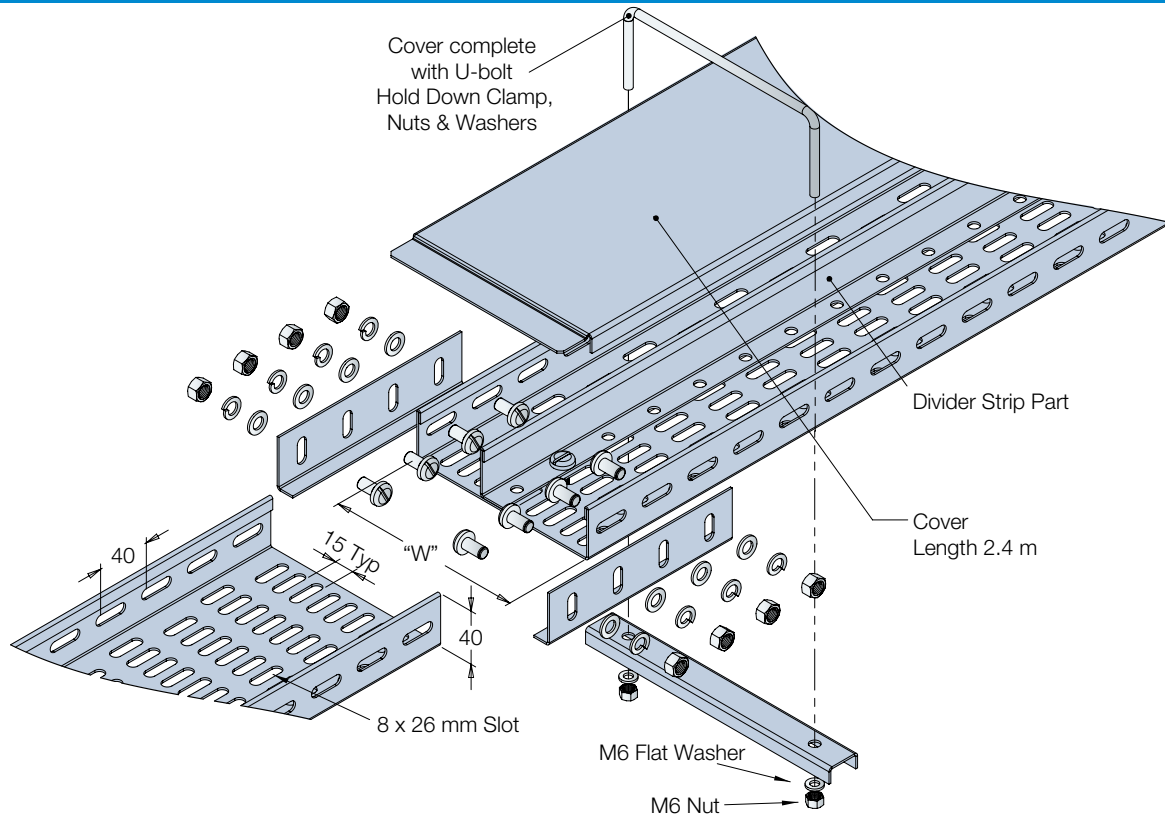
Custom sizes and painted finish available on request.

CT Heavy Duty Cable Tray

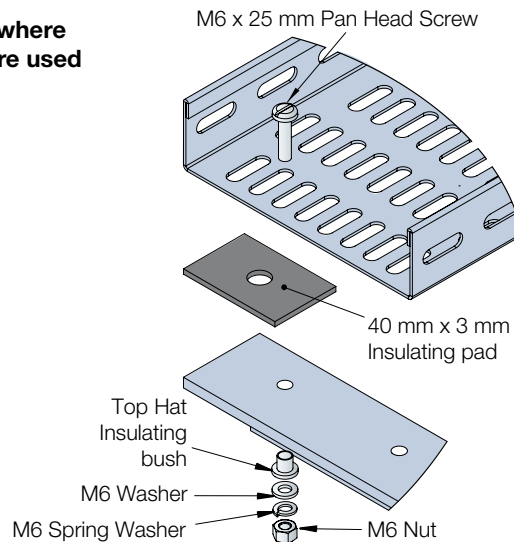
CABLE TRAY

CT Heavy Duty Cable Tray

CT Cable Tray



Fixing and insulation where dissimilar materials are used



When Ordering

Range	Type	Wide	Std.Finish	Fastenings	Finish
CT	T	7	G	K	PC-COL
CT = Heavy Duty Cable Tray	T = Tray FC = Flat Cover ST = Slotted Divider P = Splice Plate SPAD = Insulating Pad SBUSH = Insulating Bush S-BOLT = M6 P/Hd screw	7 = 75 mm 10 = 100 mm 15 = 150 mm 23 = 230 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G = Galvabond H = Hot Dip Galvanised A = Aluminium S = Stainless Steel	K = Includes all Splice Plates Bolts and Nuts	PC-COL = Paint Painted Finish to Kounis standard colour range
ORDERING EXAMPLE SHOWN: CT Heavy Duty Tray 75 mm wide Galvabond c/w splice plates, Bolts and Nuts. Painted finish to specification colour.					

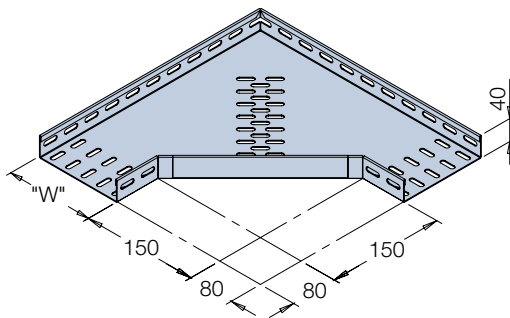
E.&O.E.

CT Heavy Duty Cable Tray Fittings

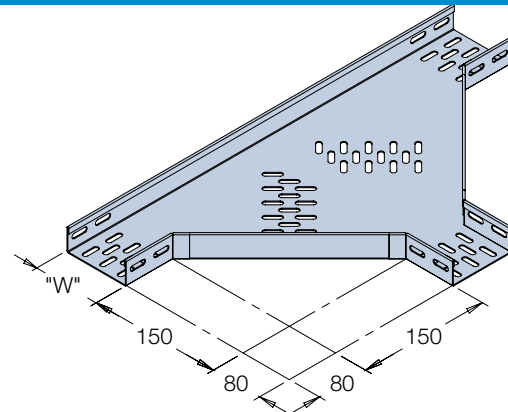
CABLE TRAY

CT Heavy Duty Cable Tray Fittings

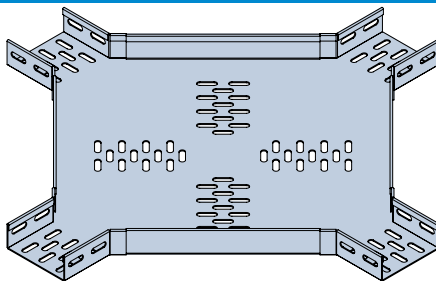
90° Bend



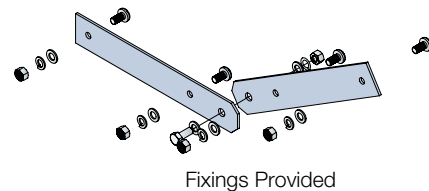
Equal Tee



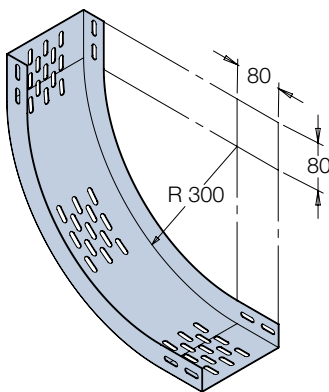
Equal Cross



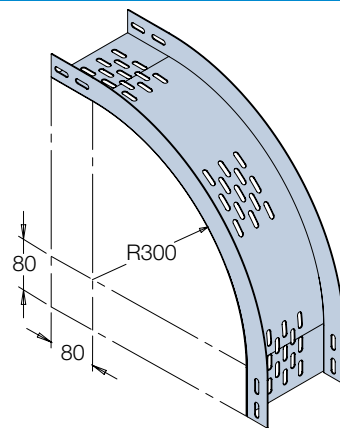
Vertical Hinged Splice Plate



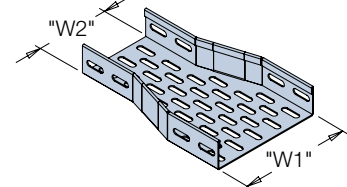
90° Internal Riser



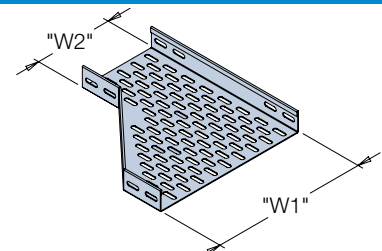
90° External Riser



Straight Reducer



Offset Reducer



When Ordering

Range	Type	Wide	Std.Finish	Fastenings	Finish
CT CT = Heavy Duty Cable Tray	B B = Bend 90° TT = Tee Equal C = Cross Equal VP = Vertical Hinge Splice RI = Internal Riser 90° SR = Straight Reducer LR = Left Reducer RR = Right Reducer (see notes)	7 7 = 75 mm 10 = 100 mm 15 = 150 mm 23 = 230 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G G = Galvabond H = Hot Dip Galvanised A = Aluminium S = Stainless Steel	K K = Includes all Splice Plates Bolts and Nuts	PC-COL PC-COL = Paint Painted Finish to Kounis standard colour range
ORDERING EXAMPLE SHOWN: CT Heavy Duty Tray 90° Bend 75mm wide Galvabond c/w Splice Plates Bolts and Nuts. Painted Finish to specification colour. NOTE: Reducers to show large width first i.e. 300 to 150 (3015).				NOTE: 45° bend/riser option shown after size (eg: 745 code) for alternative.	

Ladder Tray

General Description

The Kounis Ladder Tray System was developed for use in commercial and industrial applications where the installer demands a cost efficient site adaptable cable management system. One that can offer enough strength and durability to carry light to heavier duty cabling whilst maintaining an economical support span to minimise support steelwork costs.

Material and Finish

The finished product is constructed from 0.75 mm thick base material with finish options of:

1. Stock Galvabond for internal use.
2. Mild Steel with a post-production Hot Dip Galvanised finish for external use or to suit some demanding internal conditions.

Tray Loading Capacity Options

There are three Kounis Ladder tray options to suit your particular project. Starting from our KT2 which has its own individual base pattern and lower side profile, so giving a versatile tray to suit tight installation areas. The KT3 and KT5 both have identical base patterns but increased tray depths give increased loading capacity. For details of all loading and deflections please refer to our catalogue graphs.

System options are:

KT2 Ladder Tray System - 45mm high sided tray 40 mm usable depth. Light Duty

KT3 Ladder Tray System - 50mm high sided tray 45 mm usable depth. Medium Duty

KT5 Ladder Tray System - 85mm high sided tray 80 mm usable depth. Heavy Duty

Tray Features and Options

All of the trays feature the following features or options:

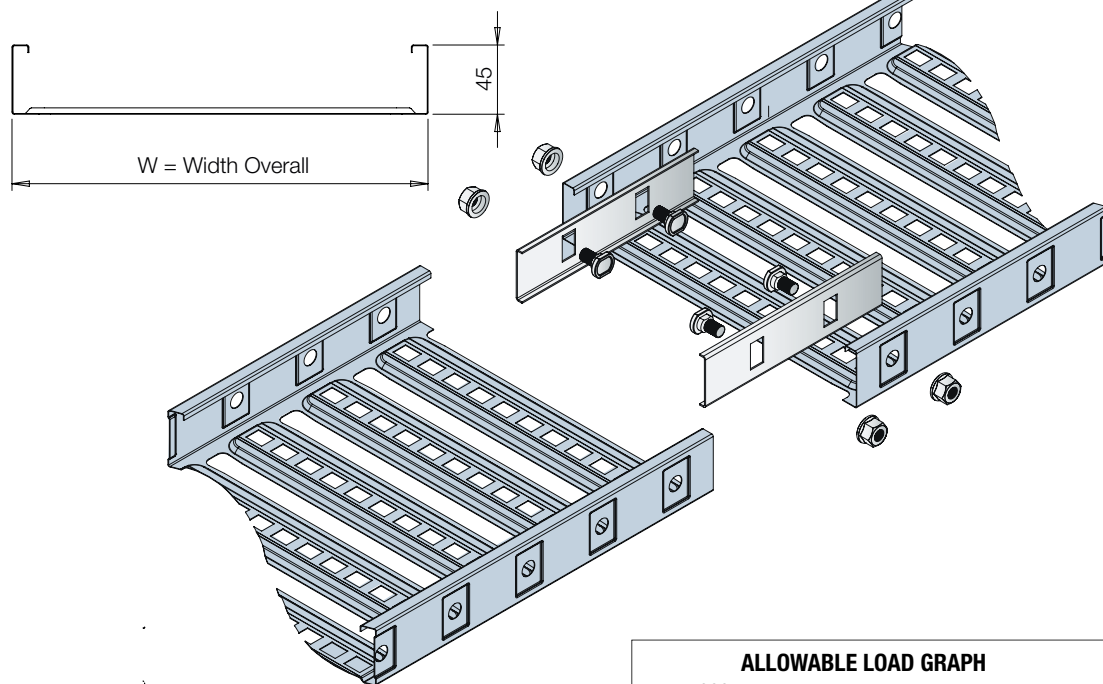
- 3m lengths.
- Kit parts and fixings to give site fabricated direction changes, junctions or size changes.
- Perforated tie off points at 20mm continuous centres enabling maximum use of the tray width as well as offering superior ventilation.
- Drain holes to aid the dissipation of moisture in external applications.
- Straight Flat or Peak Type covers to suit.
- Barrier Strip for multiple service segregation available.
- A full range of pre-fabricated light or heavy trapeze supports.
- Powder coat finish to suit clients specified colour or to Kounis standard colour range.

Kounis Group Standard Colour Range

Optional Polyester Powder Coat finishes can be provided from our standard stock colours. Our range is White, Black, Orange and Grey Hammertone. Other colours or epoxy powder coat finish can be provided to firm orders.

KT2 Ladder Tray Light Duty

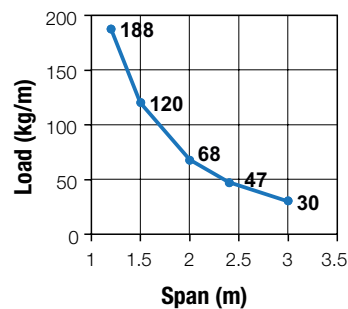
KT2 Ladder Tray Light Duty



Specification

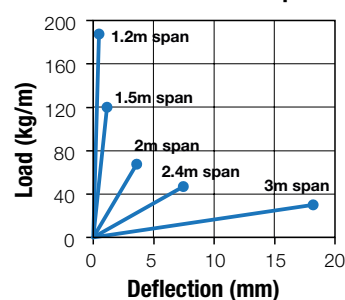
Class Designation:	Cable ladder tray Light Duty Type KT2
Material:	Steel sheet.
Finish:	Standard Galvabond other finishes to firm orders.
Side Depth:	45 mm high sided tray.
Stock Length:	3000 mm standard, joining together by a pair of bolt on splice plates supplied separately.
Stock Widths:	150 mm, 300 mm, 450 mm & 600 mm standard widths.
Fittings:	A full range of ancillaries are available to site manufacture fittings e.g. bend, risers, tees, crosses & reducers.
Radius:	Formed on site to suit requirements with a minimum 300 mm radius.
Accessories:	Flat or peak covers available for trays lengths, Barrier strips and support brackets.

ALLOWABLE LOAD GRAPH



Allowable loads are determined generally in accordance with NEMA requirements and verified by testing. Safety factor = 1.5 over collapse load for single span.

DEFLECTION Graph



Deflections shown apply to single spans. Deflections for the end span of a continuous run will be significantly less (up to half of the above values depending on actual loading).

When Ordering

Range	Type	Wide	Std.Finish	Fastenings	Finish
KT KT = Ladder Tray	2 2 = 45 mm High Side Light Duty	15 15 = 150 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G G = Galvanised H = Hot Dip Galvanised	K K = includes all Splice Plates, Bolts and Nuts Standard Zinc Plate or Galvanised	PC-COL PC-COL = paint Painted finish to Kounis standard colour range

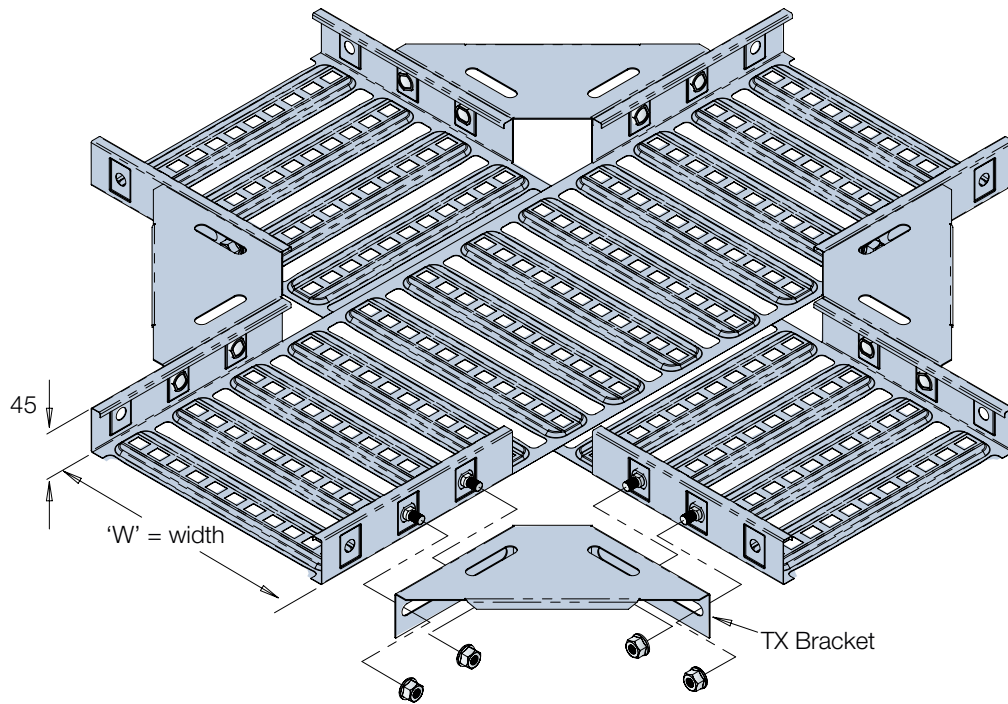
ORDERING EXAMPLE SHOWN: Ladder Tray KT2 Light Duty 45 mm high 150 mm wide Galvabond c/w Splice plates, Bolts and Nuts. Painted Finish to specification colour.

KT2 Ladder Tray Light Duty Assembly Instructions

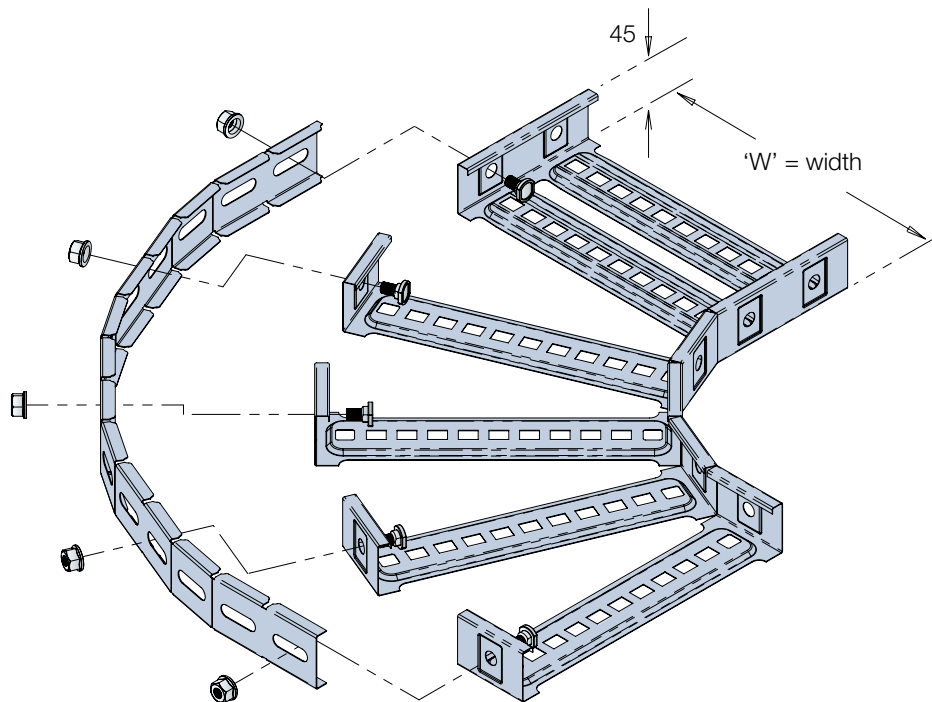
CABLE TRAY

KT2 Ladder Tray
Bend & Cross Assembly

Cross



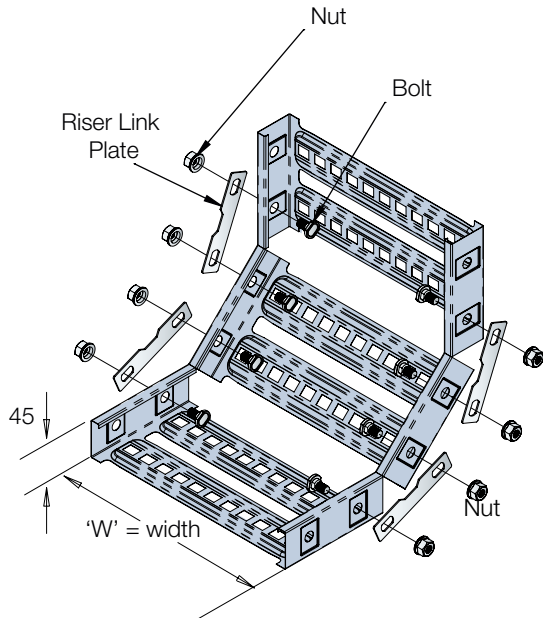
Bend



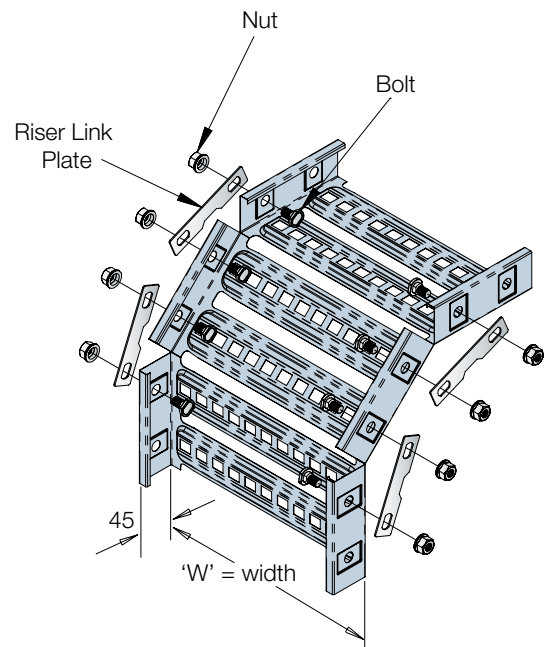
E.&O.E.

KT2 Ladder Tray Light Duty Assembly Instructions

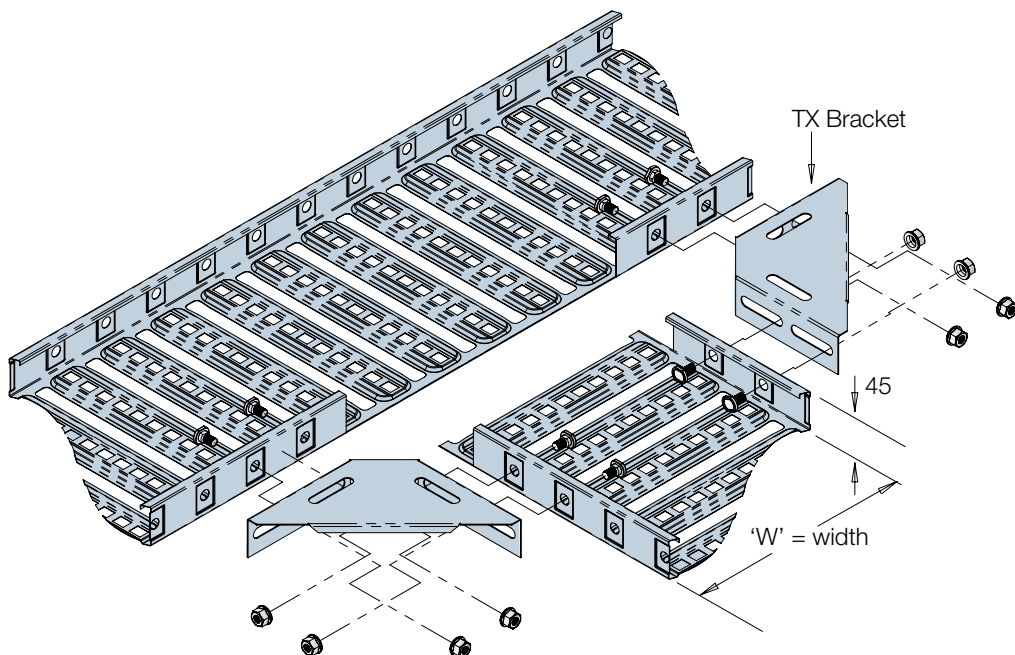
Internal Riser



External Riser



Tee



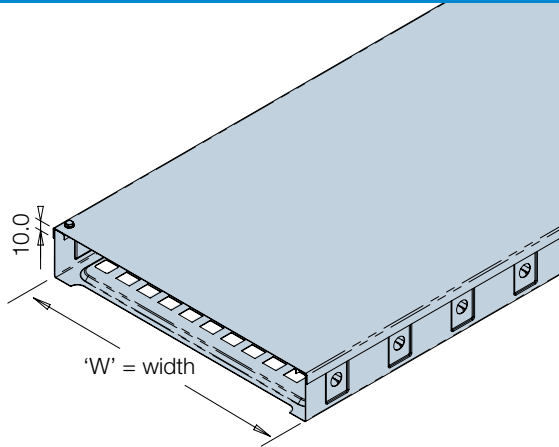
E.&O.E.

KT2 Ladder Tray Covers and Trapeze Supports

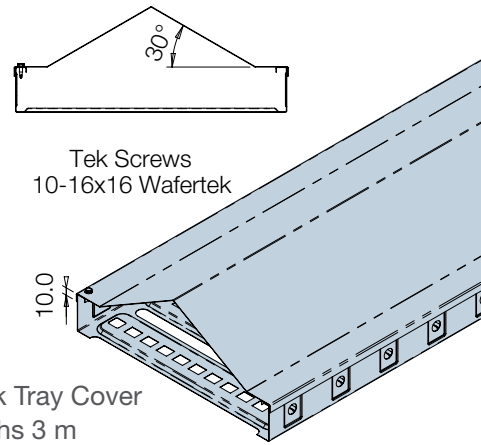
CABLE TRAY

KT2 Ladder Tray
Covers/Trapeze Supports

Flat Cover for KT2 Tray



Peak Cover for KT2 Tray

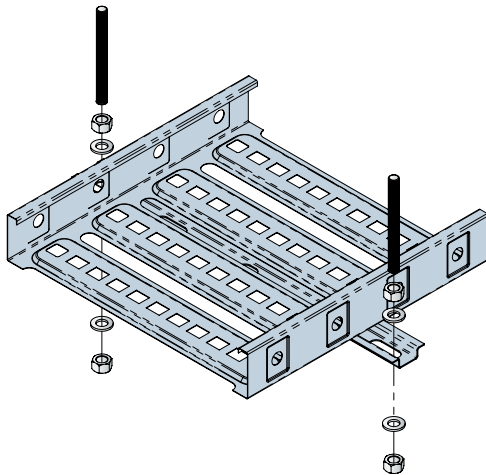


When Ordering

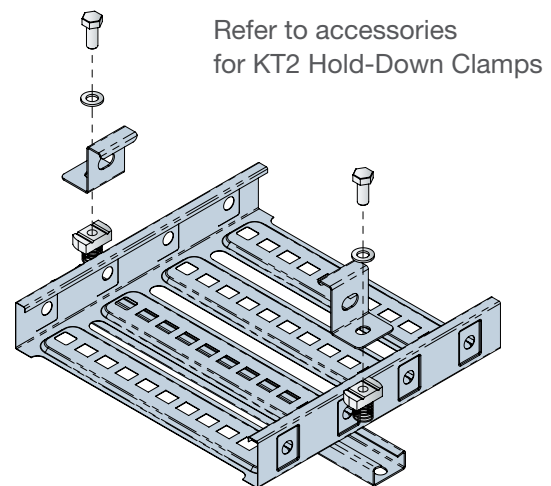
Range	Type	Wide	Std.Finish	Fastening	Finish
KT2 KT2 = KT2 Ladder Tray	FC FC = Flat Cover PC = Peak Cover	15 15 = 150 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G G = Galvabond Thk.0.75 mm H = Hot Dip Galvanised Thk. 1.0 mm 150-300W Thk. 1.2 mm 450-600W	Tek Screw fixings can be supplied separately	PC-COL PC-COL = Paint Painted finish to Kounis standard colour range

ORDERING EXAMPLE SHOWN: Ladder Tray KT2 Flat Cover 150 mm wide Galvabond Painted finish
Painted Finish to specification colour.

Light Duty Trapeze Support



Heavy Duty Trapeze Support



When Ordering

Range	Type	Wide	Finish
K K = Ladder Tray Brackets	LTS LTS = Light Duty Supports HTS = Heavy Duty Supports	15 15 = 150 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G G = Galvabond H = Hot Dip Galvanised Z = Zinc Plated

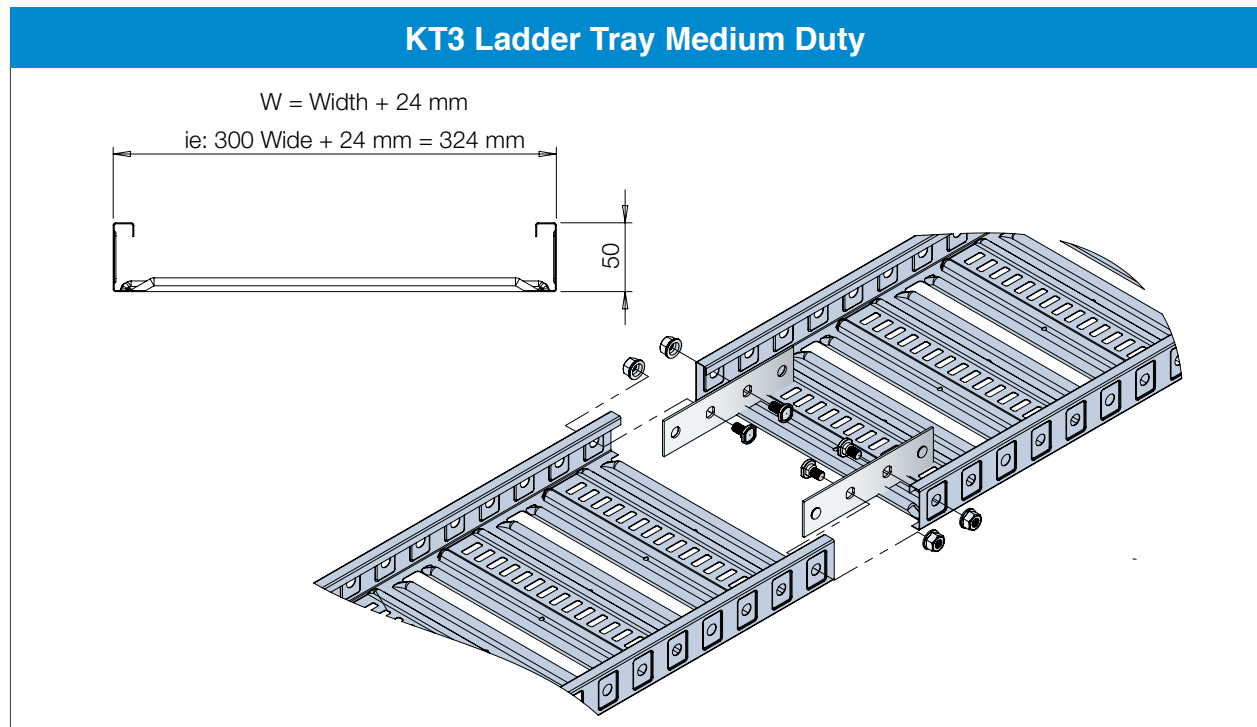
NOTE:
Recommended for
KT2 Ladder Tray

ORDERING EXAMPLE SHOWN: Ladder Tray Light Duty Support 150 mm wide Galvabond finish.

Note: Recommended M10 hanger drop rods and fastenings. Please refer to our K-Strut and fixings section for a full range to suit your particular installation.

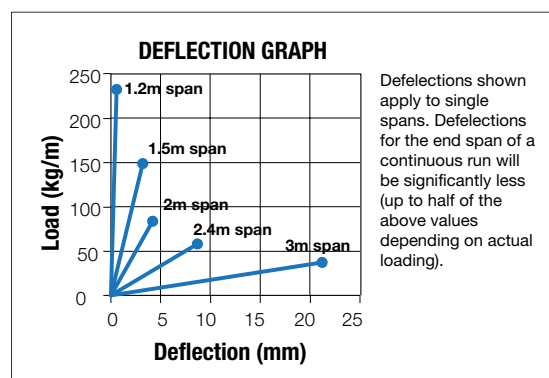
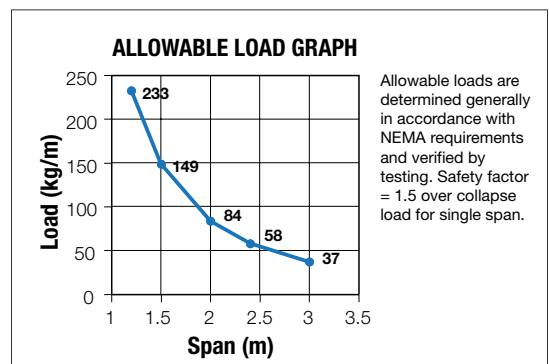
E.&O.E.

KT3 Ladder Tray Medium Duty



Specification

Class Designation:	Cable ladder tray Medium Duty Type KT3
Material:	Steel sheet.
Finish:	Standard Galvabond other finishes to firm orders.
Side Depth:	50 mm high sided tray.
Stock Length:	3000 mm standard, joining together by a pair of bolt on splice plates supplied separately.
Stock Widths:	150 mm, 300 mm, 450 mm & 600 mm standard widths.
Fittings:	A full range of ancillaries are available to site manufacture fittings e.g. bend, risers, tees, crosses & reducers.
Radius:	Formed on site to suit requirements with a minimum 300 mm radius.
Accessories:	Flat or peak covers available for trays lengths, Barrier strips and support brackets.



When Ordering

Range	Type	Wide	Std.Finish	Fastenings	Finish
KT KT = Ladder Tray	3 3 = 50 mm High Side Medium Duty	15 15 = 150 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G G = Galvanised H = Hot Dip Galvanised	K K = includes all Splice Plates, Bolts and Nuts Standard Zinc Plate or Galvanised	PC-COL PC-COL = paint Painted finish to Kounis standard colour range

ORDERING EXAMPLE SHOWN: Ladder Tray KT3 Medium Duty 50 mm high 150 mm wide Galvabond c/w Splice plates, Bolts and Nuts
Painted Finish to specification colour.

E.&O.E.

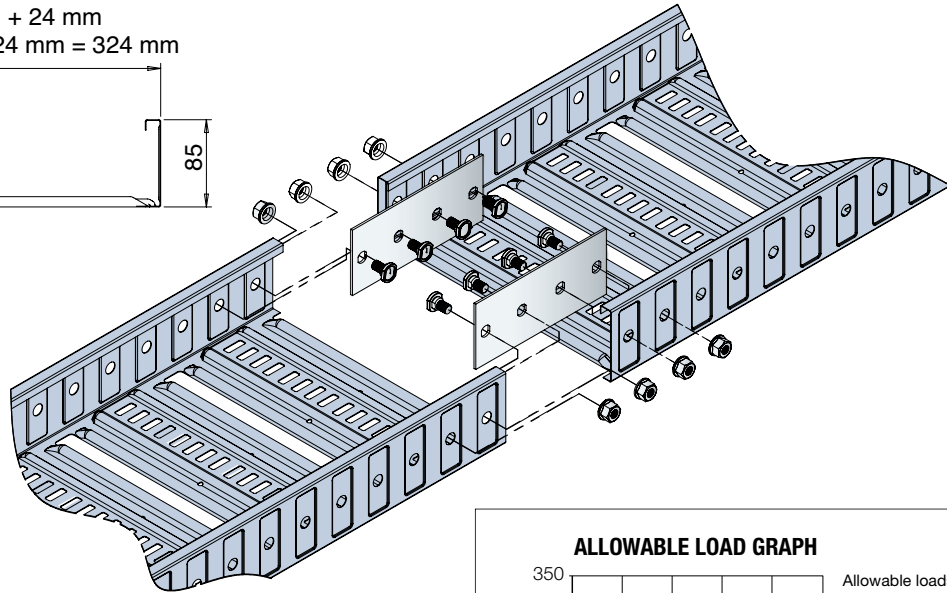
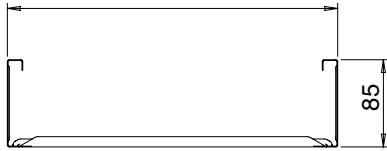
KT5 Ladder Tray Heavy Duty

CABLE TRAY

KT5 Ladder Tray

KT5 Ladder Tray Heavy Duty

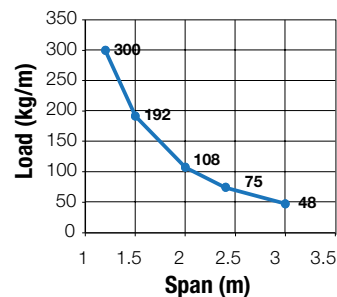
W = Width + 24 mm
ie: 300 Wide + 24 mm = 324 mm



Specification

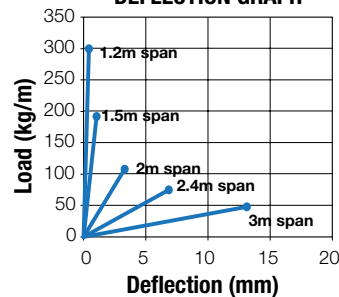
Class Designation:	Cable ladder tray Heavy Duty Type KT5
Material:	Steel sheet.
Finish:	Standard Galvabond other finishes to firm orders.
Side Depth:	85 mm high sided tray.
Stock Length:	3000 mm standard, joining together by a pair of bolt on splice plates supplied separately.
Stock Widths:	150 mm, 300 mm, 450 mm & 600 mm standard widths.
Fittings:	A full range of ancillaries are available to site manufacture fittings e.g. bend, risers, tees, crosses & reducers.
Radius:	Formed on site to suit requirements with a minimum 300 mm radius.
Accessories:	Flat or peak covers available for trays lengths, Barrier strips and support brackets.

ALLOWABLE LOAD GRAPH



Allowable loads are determined generally in accordance with NEMA requirements and verified by testing. Safety factor = 1.5 over collapse load for single span.

DEFLECTION GRAPH



Deflections shown apply to single spans. Deflections for the end span of a continuous run will be significantly less (up to half of the above values depending on actual loading).

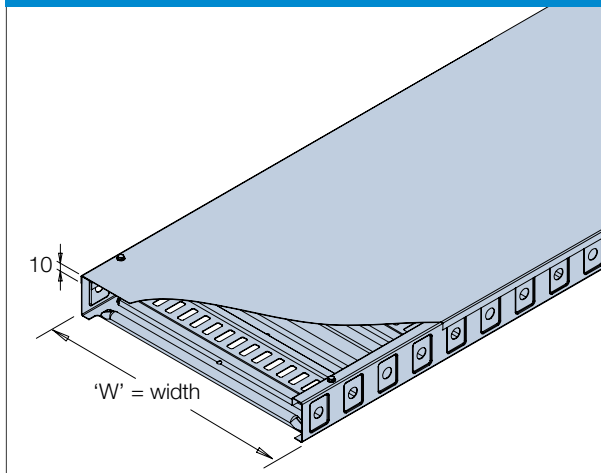
When Ordering

Range	Type	Wide	Std. Finish	Fastenings	Finish
KT KT = Ladder Tray	5 5 = 85 mm High Side Heavy Duty	15 15 = 150 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G G = Galvabond H = Hot Dip Galvanised	K K = Includes all Splice Plates, Bolts and nuts Standard Zinc Plate or Galvanised	PC-COL PC-COL = Paint Painted finish to Kounis standard colour range

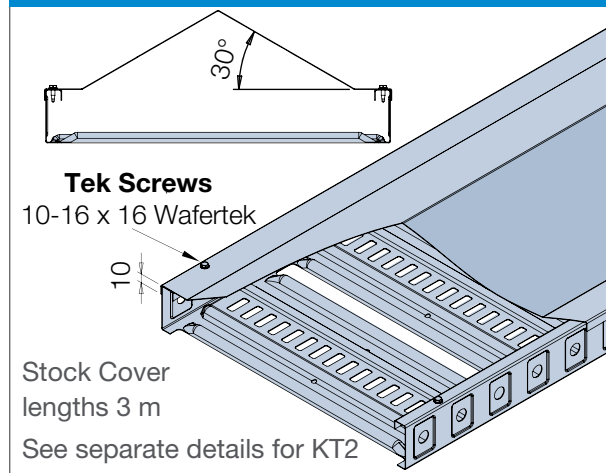
ORDERING EXAMPLE SHOWN: Ladder Tray KT5 Heavy Duty 85 mm high 150 mm wide Galvabond c/w Splice plates, Bolts and Nuts Painted Finish to specification colour.

KT3 and KT5 Ladder Tray Covers and Trapeze Supports

Flat Cover for KT3 & KT5 Tray



Peak Cover for KT3 & KT5 Tray

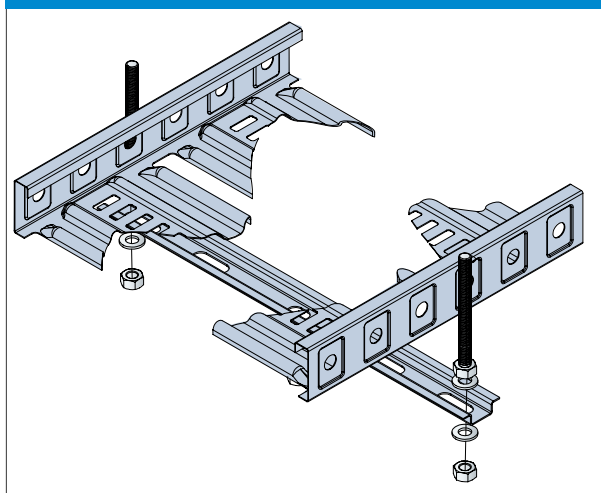


When Ordering

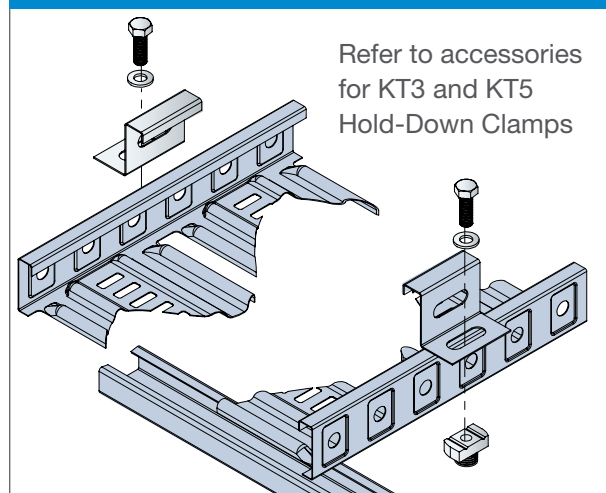
Range	Type	Wide	Std.Finish	Fastening	Finish
KT	FC	15	G		PC-COL
KT = Ladder Tray	FC = Flat Cover PC = Peak Cover	15 = 150 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G = Galvabond Thk.0.75 mm H = Hot Dip Galvanised Thk. 1.0 mm 150-300W Thk. 1.2 mm 450-600W	Tek Screw fixings can be supplied separately	PC-COL = Paint Painted finish to Kounis standard colour range

ORDERING EXAMPLE SHOWN: Ladder Tray Flat Cover 150mm wide Galvabond finish. Painted Finish to specification colour

Light Duty Trapeze Support



Heavy Duty Trapeze Support



When Ordering

Range	Type	Wide	Finish
K	LTS	15	G
K = Ladder Tray Brackets	LTS = Light Duty Supports HTS = Heavy Duty Supports	15 = 150 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G = Galvabond H = Hot Dip Galvanised Z = Zinc Plated

NOTE:
Recommended both KT3 and KT5

ORDERING EXAMPLE SHOWN: Ladder Tray Light Duty Support 150 mm wide Galvabond finish.

Note: Recommended M10 hanger drop rods and fastenings. Please refer to our K-Strut and fixings section for a full range to suit your particular installation.

QTY. OF BENDS FROM 3 m LENGTH RADIUS PLATE

WIDTH	BEND 90°
150 mm	4 per Length
300 mm	3 per Length
450 mm	2 per Length
600 mm	2 per Length

QTY. OF FITTINGS FROM 3 m TRAY LENGTH

WIDTH	BEND 90°	RISER 90°	TEES
150 mm	5	5	4
300 mm	5	5	3
450 mm	5	5	2
600 mm	5	5	2

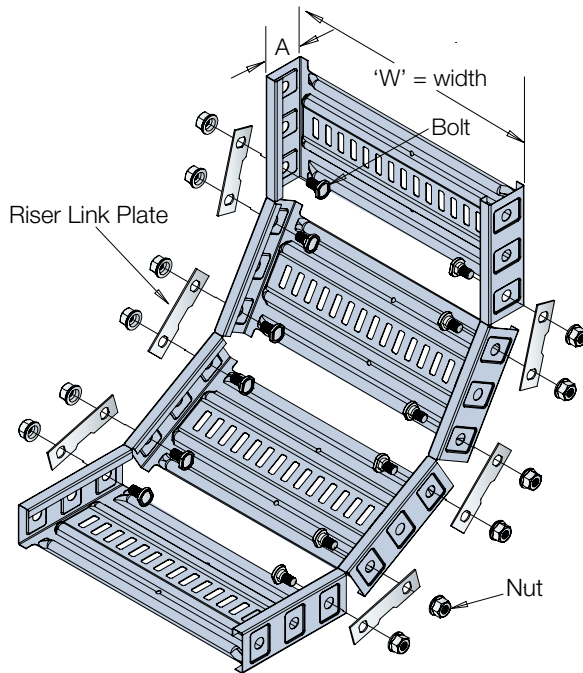
E.&O.E.

Ladder Tray Assembly Instructions

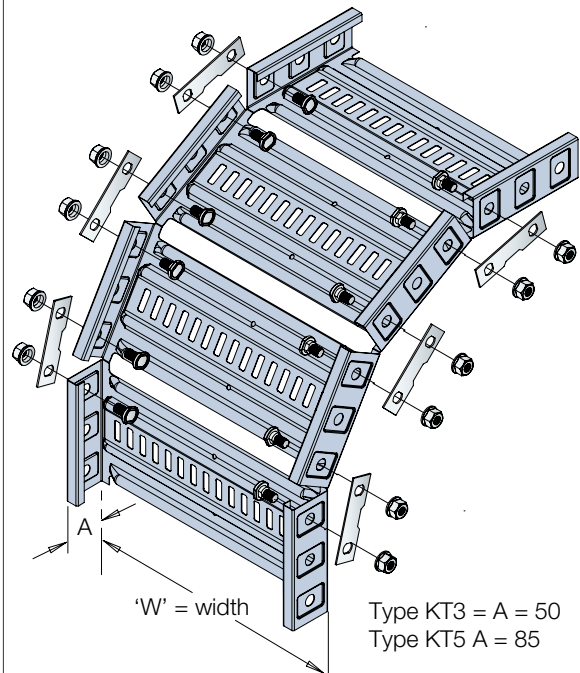
CABLE TRAY

KT3 & KT5 Riser & Tee Assembly

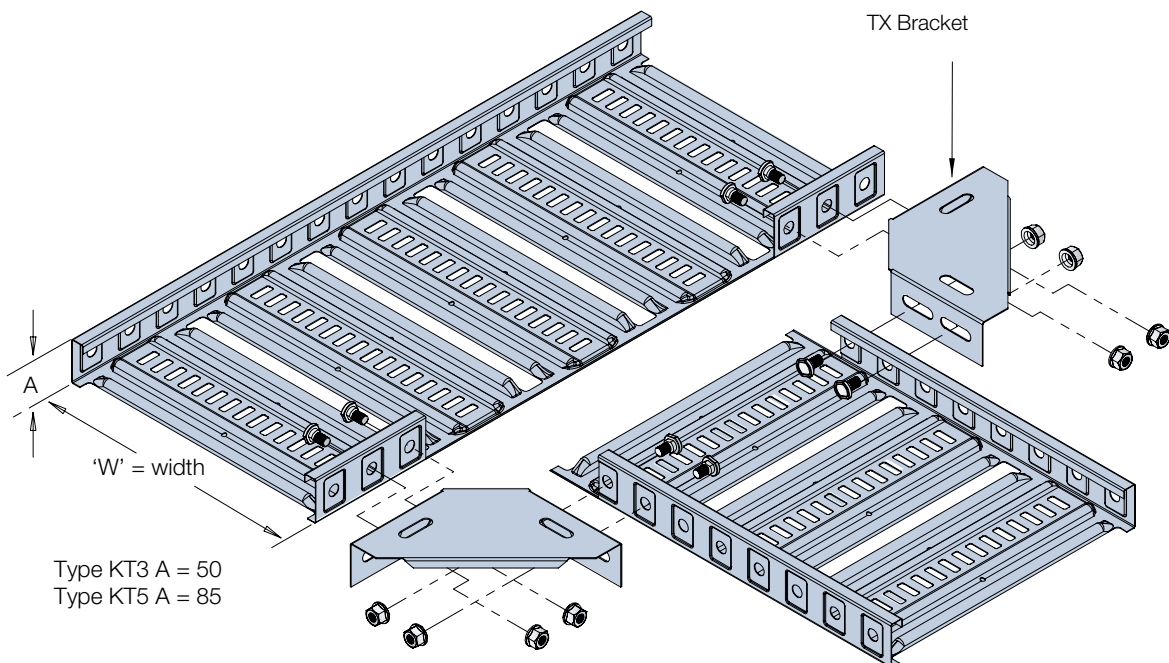
Internal Riser



External Riser



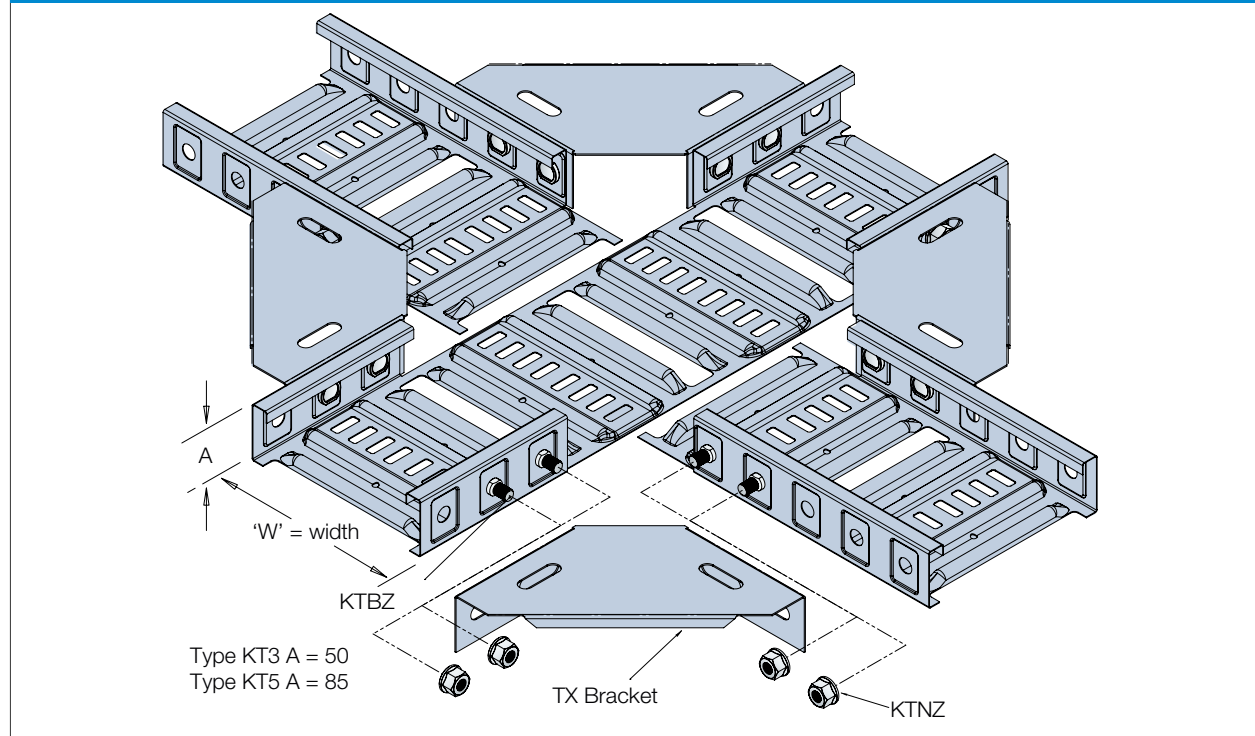
Tee



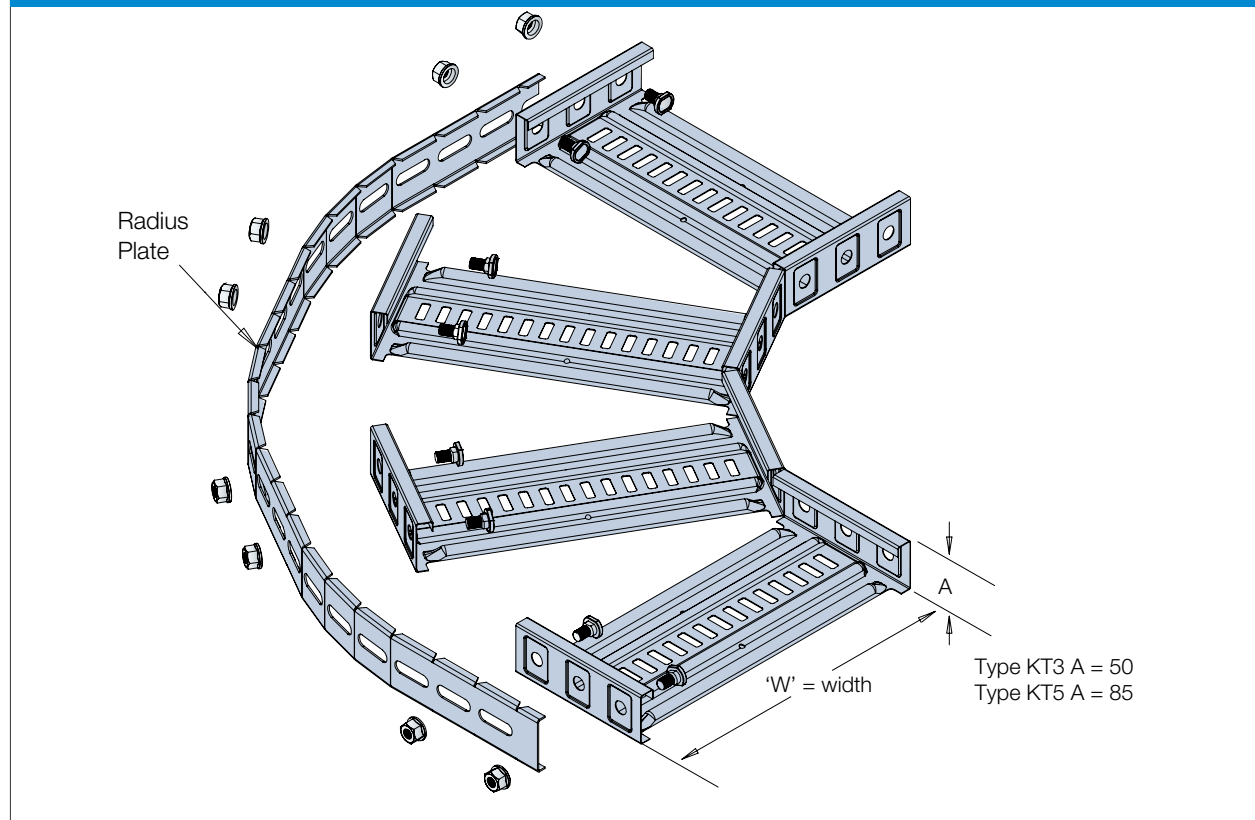
E.&O.E.

Ladder Tray Assembly Instructions

Cross



Bend



NOTE: KT3 and KT5 plates and brackets are not interchangeable.

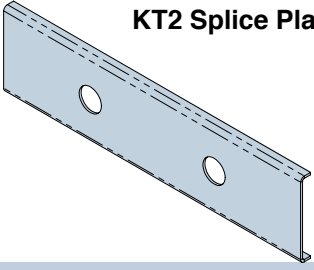
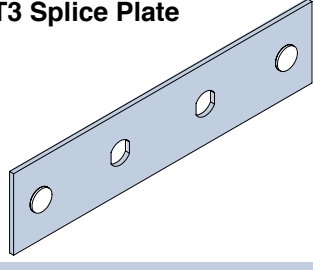
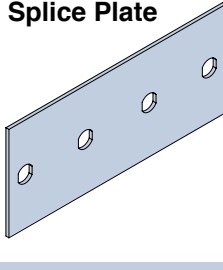
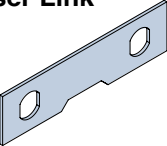
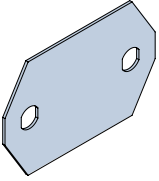
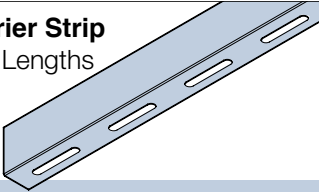
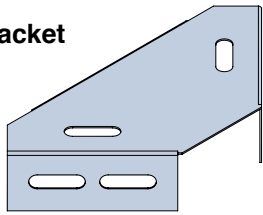
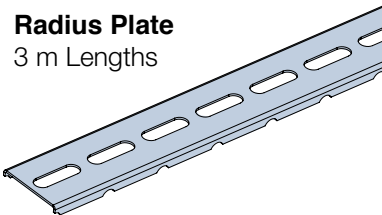
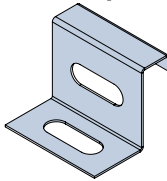

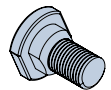
E.&O.E.

Ladder Tray Accessories

CABLE TRAY

Ladder Tray Accessories

Ladder Tray Accessories

KT2 Splice Plate  CODE: KT2SP	KT3 Splice Plate  CODE: KT3SP	KT5 Splice Plate  CODE: KT5SP
KT2 Riser Link KT3 Riser Link  CODE: KT2LP CODE: KT3LP	KT5 Riser Link  CODE: KT5LP	Barrier Strip 3 m Lengths  CODE: KT2BS CODE: KT3BS CODE: KT5BS
TX Bracket  CODE: KT2TX CODE: KT3TX CODE: KT5TX	Radius Plate 3 m Lengths  CODE: KT2RP CODE: KT3RP CODE: KT5RP	Hold Down Clamp  CODE: KT2HDC CODE: KT3HDC CODE: KT5HDC
Tray Whizz Nut  CODE: KTN	Tray Bolt  CODE: KTB	

When Ordering

Range	Type	Accessories	Std.Finish	Fastenings	Finish
KT KT = Ladder Tray	2 2 = 45 mm High Side Light Duty 3 = 50 mm High Side Medium Duty 5 = 85 mm High Side Heavy Duty	SP SP = Splice Plate HDC = Hold Down Clamp LP = Link Plate BS = Barrier Strip TX = Tee/Cross Bracket RP = Radius Plate B = Tray Bolt N = Tray Nut	G G = Galvabond H = Hot Dip Galvanised Z = Zinc Plated	NOTE: Tray Bolt and Tray Nuts are supplied separately Standard Zinc Plate or Galvanised	PC-COL PC-COL = Paint Painted Finish to Kounis standard colour range

ORDERING EXAMPLE SHOWN: Ladder Tray KT2 Light Duty 45 mm high Splice Plates Galvabond Painted Finish to specification colour.

E.&O.E.

Cable Mesh

General Description

The Kounis Group Cable Mesh System was developed for use in commercial and industrial applications where the installer demands a cost efficient site adaptable cable management system that can offer enough strength and durability to carry light to medium duty cables whilst maintaining an economical support span.

The finished product is constructed from 3.8 mm wire of which there are two finish options; **Zinc Plated** and **Hot Dip Galvanised**. System options are

KM54 Cable Mesh System – 54 mm high sided tray

KT105 Cable Mesh System – 104 mm high sided tray

All of which offer the following features or options:

- 3 m length
- Site fabricated fittings for all required direction, junction or size changes
- Mesh tie off spacing at 50 mm W x 100 mm L making cable tracing and identification easy whilst enabling cable entry exit at any point
- Indented top lip wire making an all smooth edge system to ensure no damage is made to the cable when they are being installed
- Mesh spacing allows exceptional ventilation and minimises the likelihood of vermin infestation
- Tab loc joining system makes the install easy whilst eliminating the need for multiple tools
- Tab loc trapeze system eliminates the need for additional accessories making for a cost efficient install

Painted finish available on request.

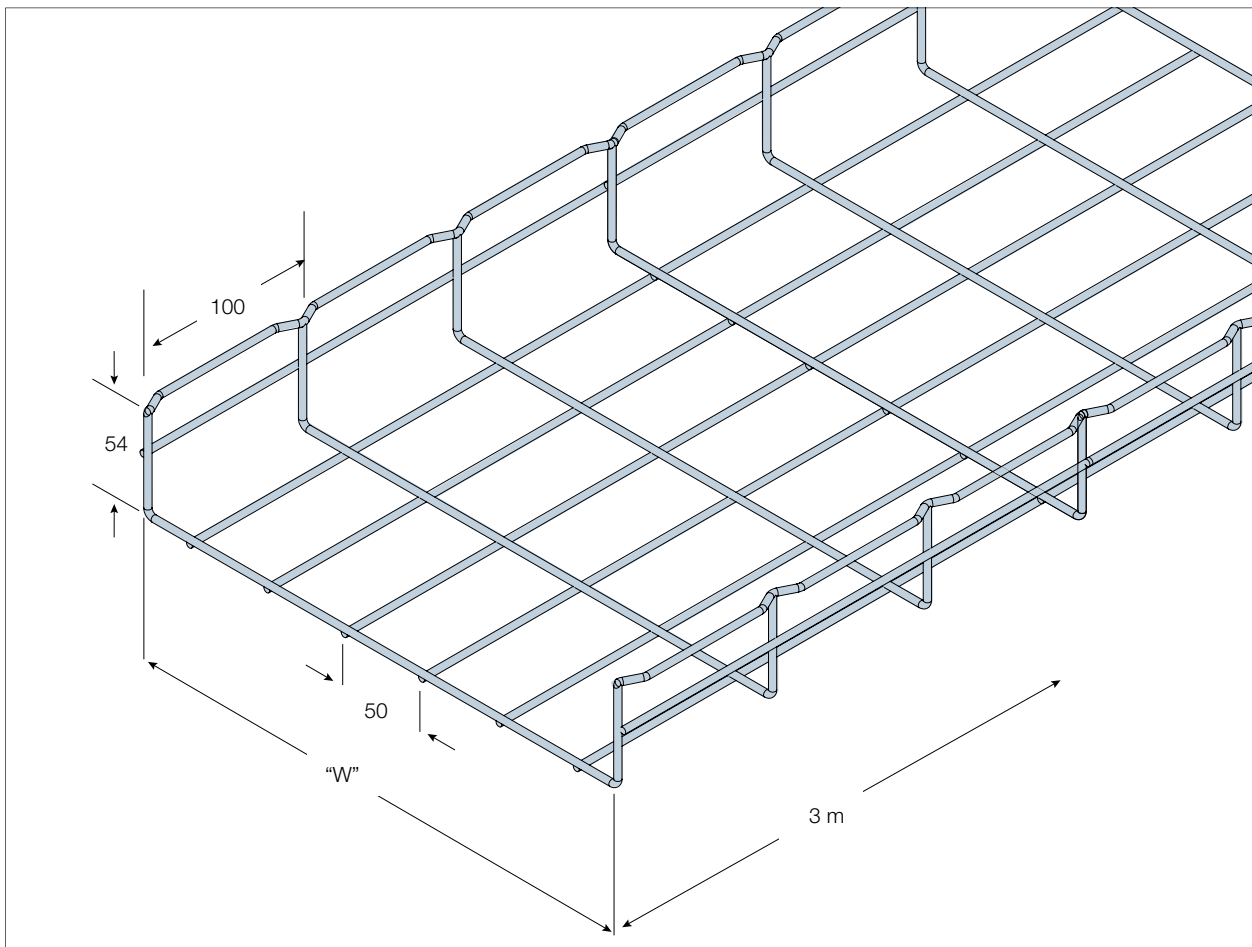
Kounis Group Standard Colour Range

Optional Polyester Powder Coat finishes can be provided from our standard stock colours. Our range is White, Black, Orange and Grey Hammertone. Other colours or epoxy powder coat finish can be provided to firm orders.

Cable Mesh – 54 mm

CABLE TRAY

Cable Mesh Tray
54 mm



When Ordering

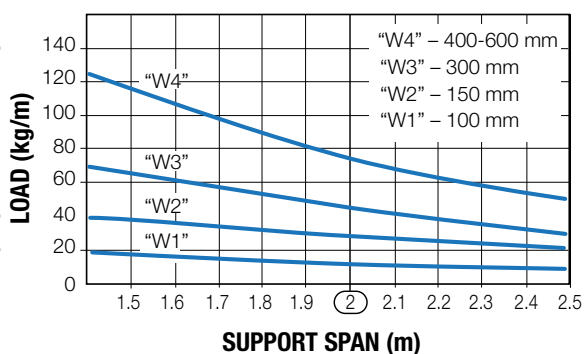
Range	Type	Wide	Finish
KM	54	10	Z
KM = Cable Mesh	54 = (54 mm High Side)	10 = 100 mm 15 = 150 mm 30 = 300 mm 40 = 400 mm 50 = 500 mm 60 = 600 mm	Z = Zinc Plated H = Hot Dip Galv P = Painted

ORDERING EXAMPLE SHOWN: Cable Mesh 54 mm High Side 100 mm Wide Zinc Plated

DEPTH: 50 mm inside

LENGTH: 3 m

ALLOWABLE LOAD GRAPH

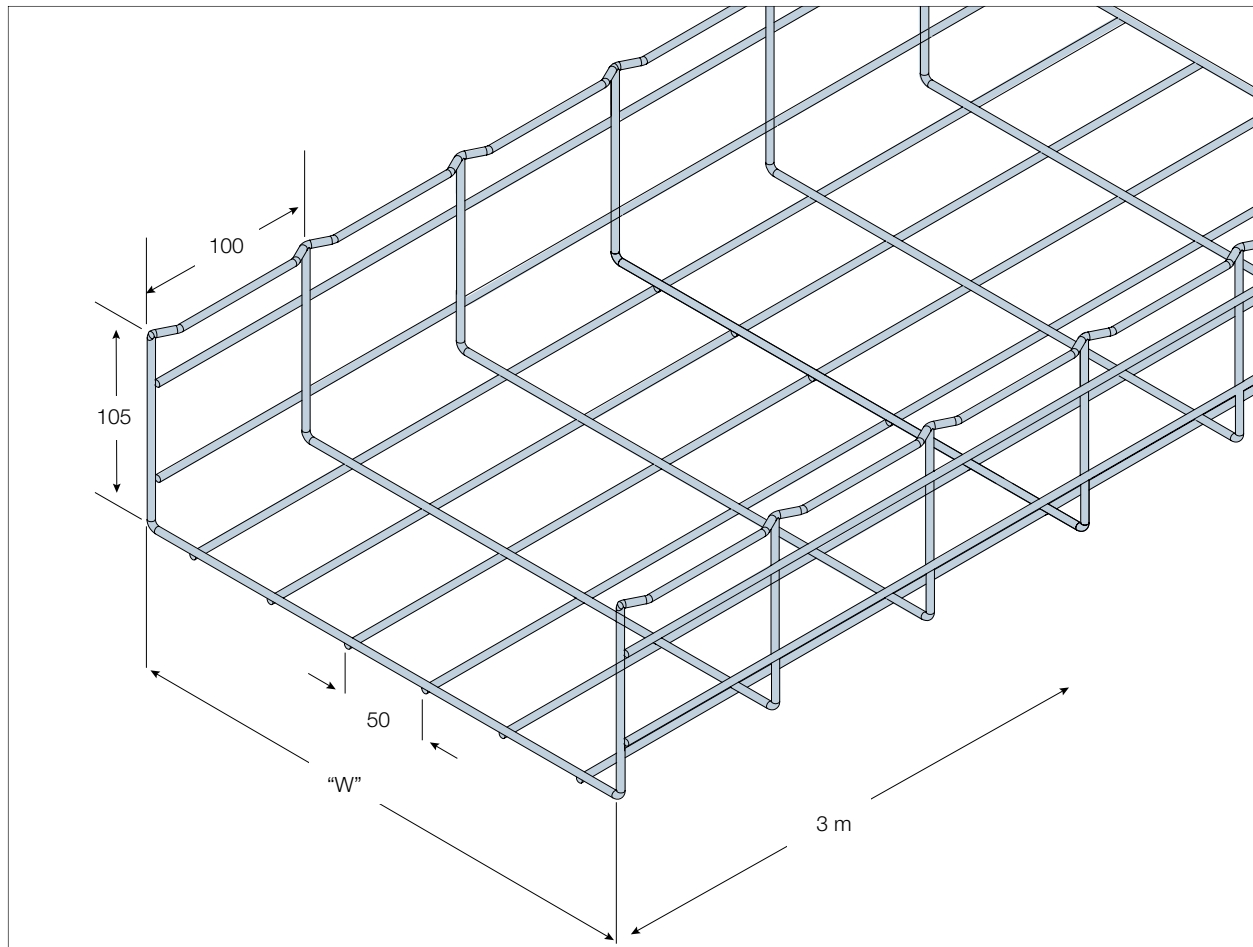


KM 54 Tray

The graph shows kg/m loading over a given Support Span to the range Kounis Cable Mesh. The resultant Mid-span deflections given are at a ratio of 1/200 of the span. The deflections are for tray selection only and can vary with positioning of connectors or site.

E.&O.E.

Cable Mesh – 105 mm



CABLE TRAY

Cable Mesh Tray
104 mm

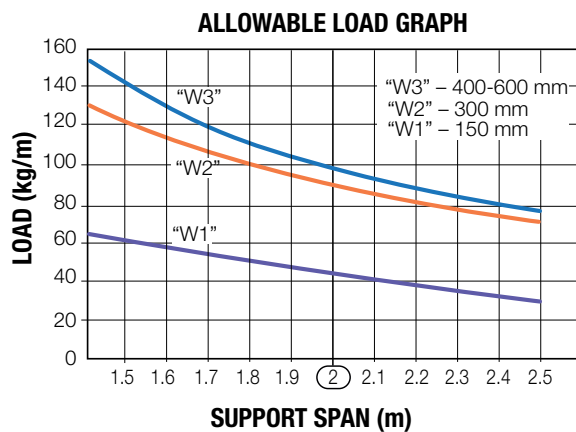
When Ordering

Range	Type	Wide	Finish
KM	105	10	Z
KM = Cable Mesh	105 = (105 mm High Side)	15 = 150 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	Z = Zinc Plated H = Hot Dip Galv P = Painted

ORDERING EXAMPLE SHOWN: Cable Mesh 104 mm High Side 100 mm Wide Zinc Plated

DEPTH: 100 mm inside

LENGTH: 3 m

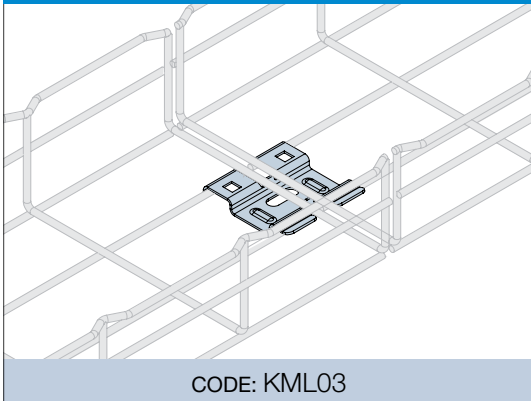


KM 105 Tray

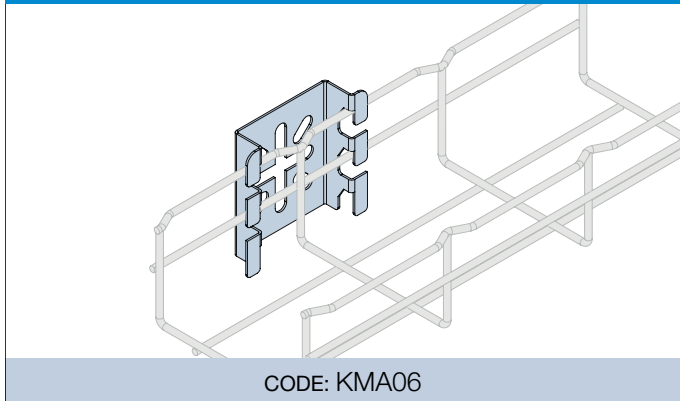
The graph shows kg/m loading over a given Support Span to the range Kounis Cable Mesh. The resultant Mid-span deflections given are at a ratio of 1/200 of the span. The deflections are for tray selection only and can vary with positioning of connectors.

E.&O.E.

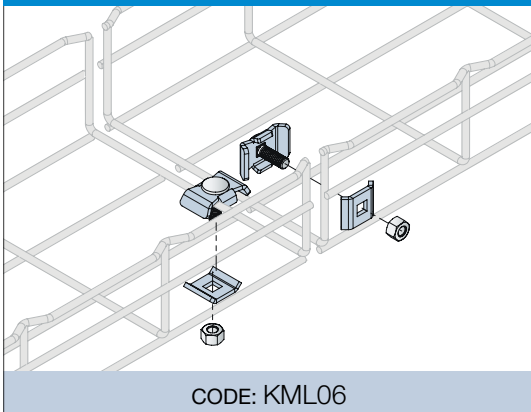
Cable Mesh Tray Accessories & Connectors

Base Connector


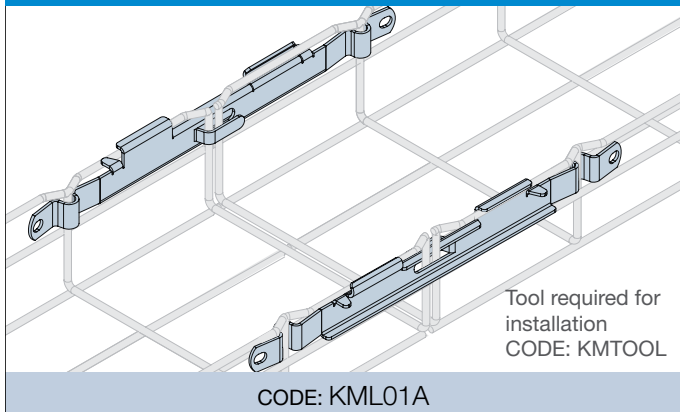
CODE: KML03

Wall Bracket / Box Mounting


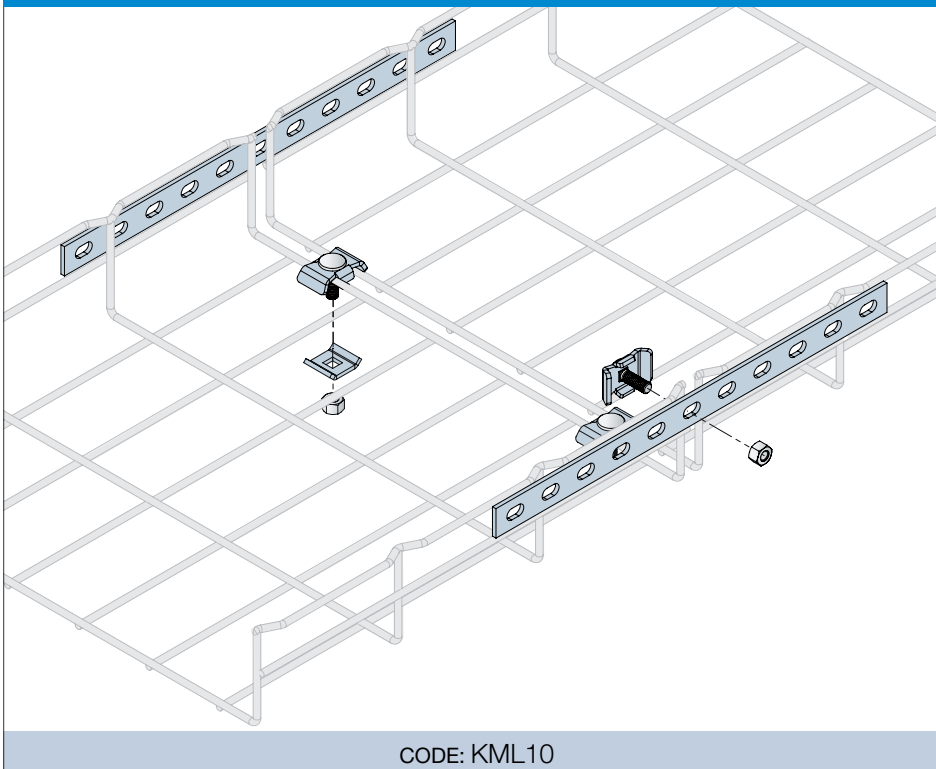
CODE: KMA06

Connector & Bend Assembly


CODE: KML06

Tab Loc Connector

 Tool required for
 installation
 CODE: KMTOOL

CODE: KML01A

Splice Bar Joiner


CODE: KML10

Available Finish

Suffix	Description
H	Hot Dip Galv
Z	Zinc Plated

When Ordering add suffix
 to end of product code

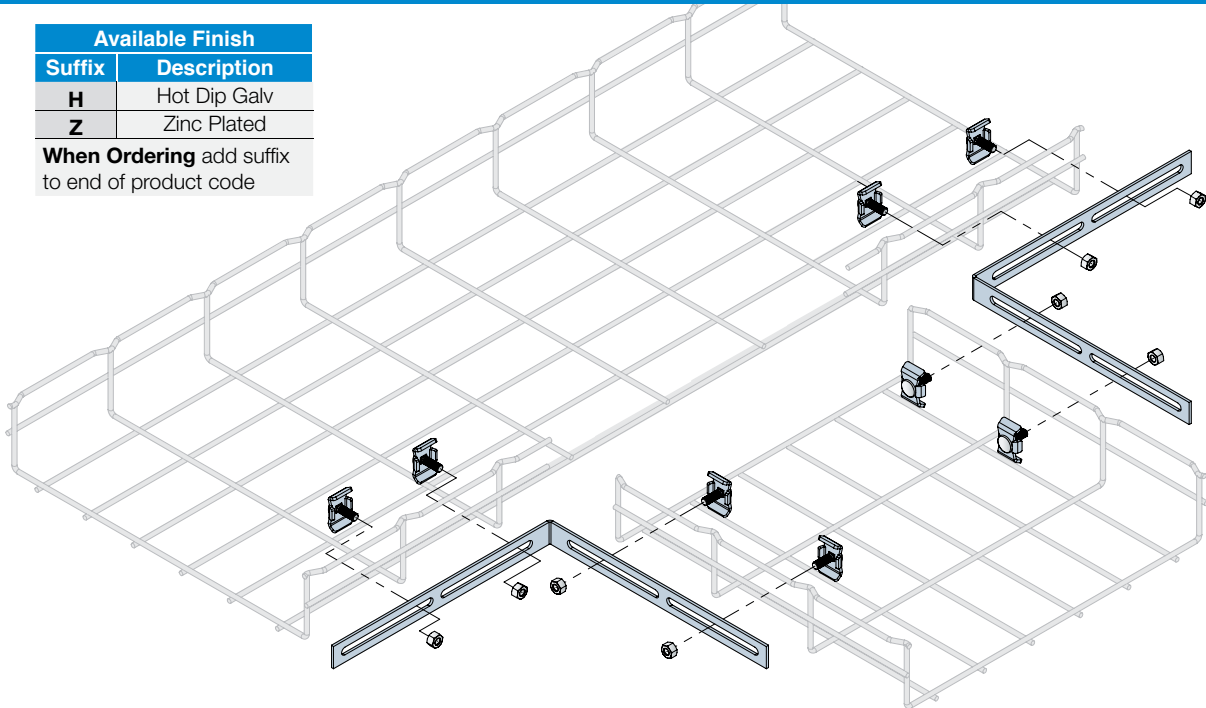
E.&O.E.

Cable Mesh Tray Accessories & Connectors

Tee Bar Joiner

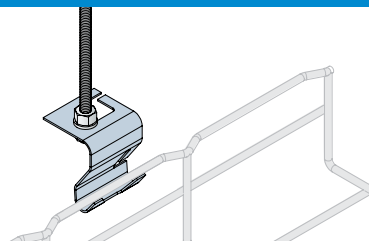
Available Finish	
Suffix	Description
H	Hot Dip Galv
Z	Zinc Plated

When Ordering add suffix to end of product code



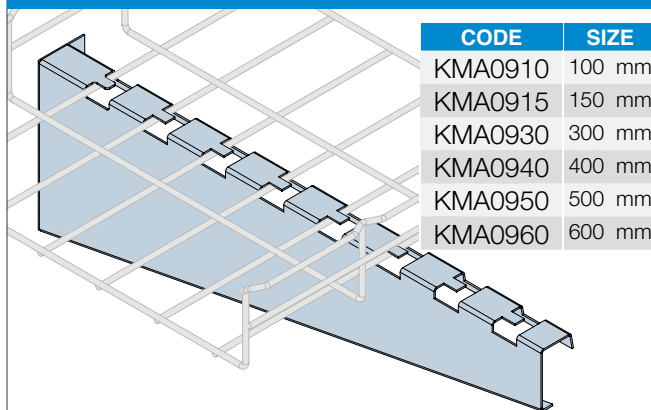
CODE: KML05A

Overhead Hanger Clip



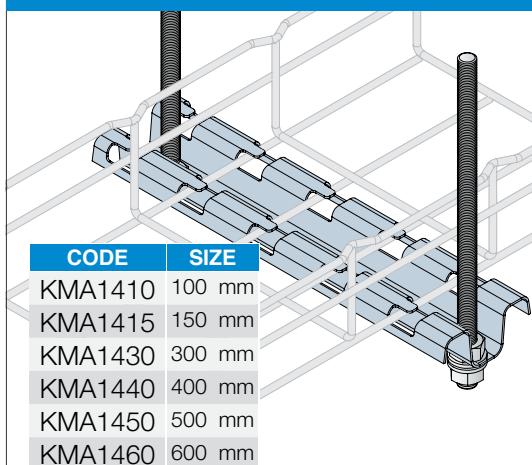
CODE: KMA19

Slotted Wall Bracket 100-600 mm Wide



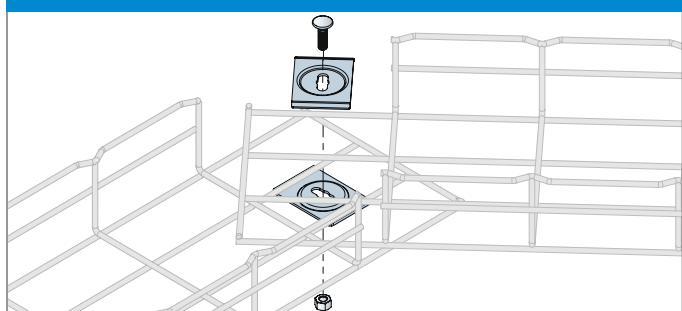
CODE: KMA09

Trapeze Bracket 100-600 mm Wide



CODE: KMA14

Horizontal Adjustment Hold Down Plate



CODE: KMLDA

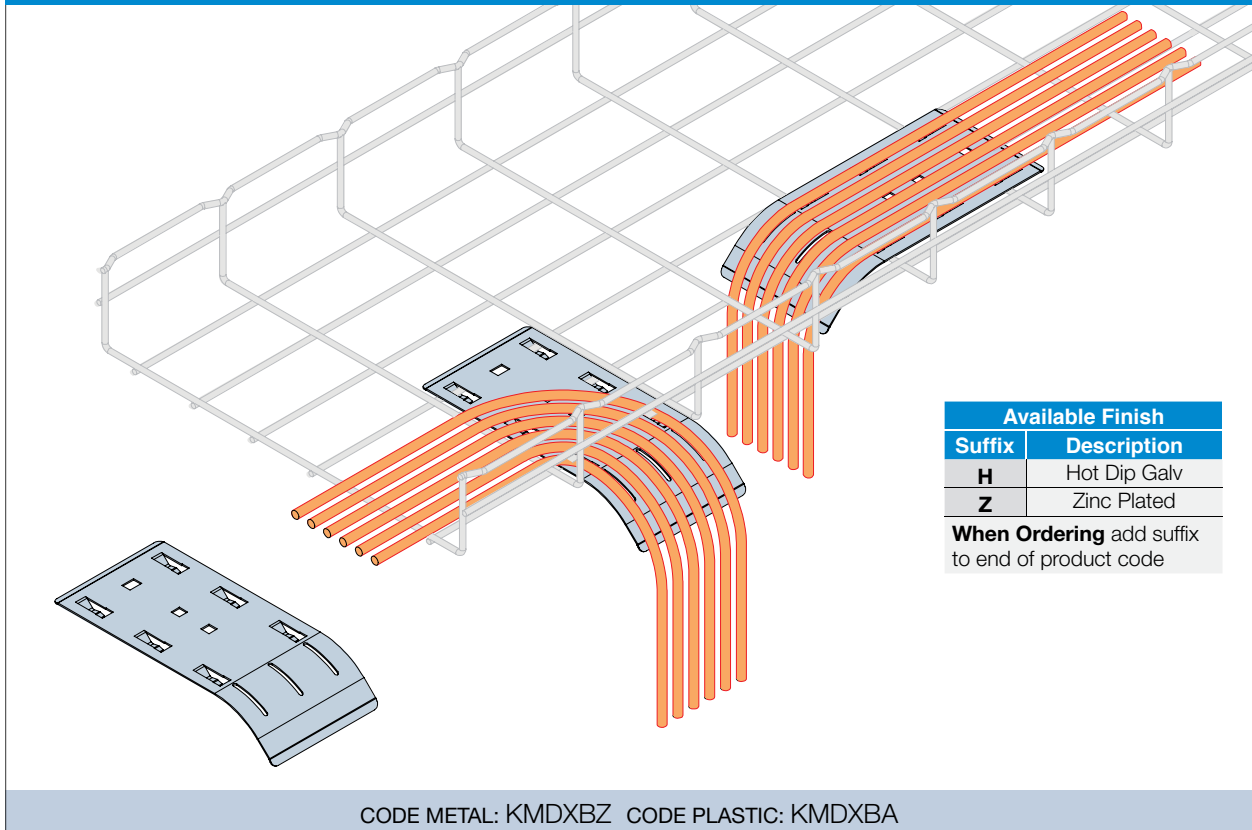
E.&O.E.

Cable Mesh Tray Accessories & Connectors

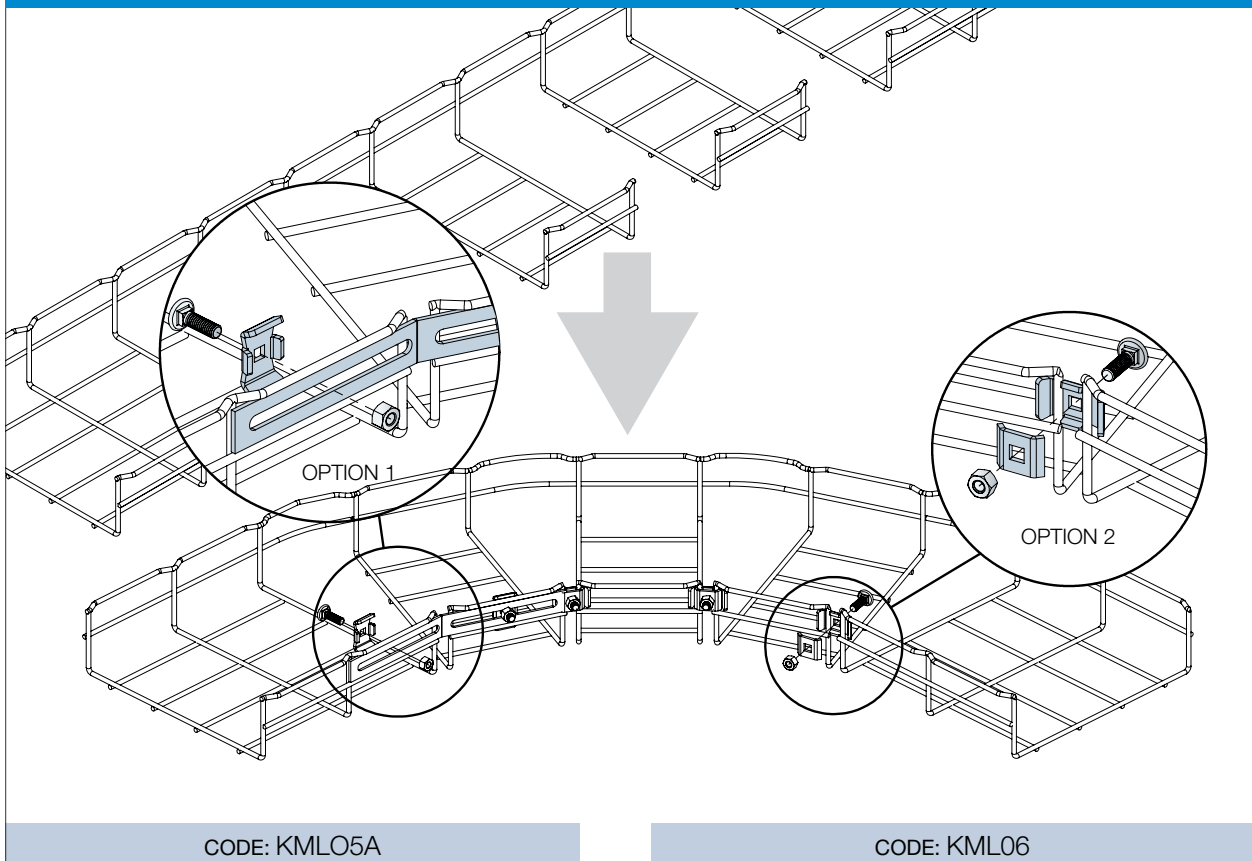
CABLE TRAY

Cable Mesh Tray
Accessories & Connectors

Cable Drop Out – Metal Or Plastic



90° Long Radius Bend

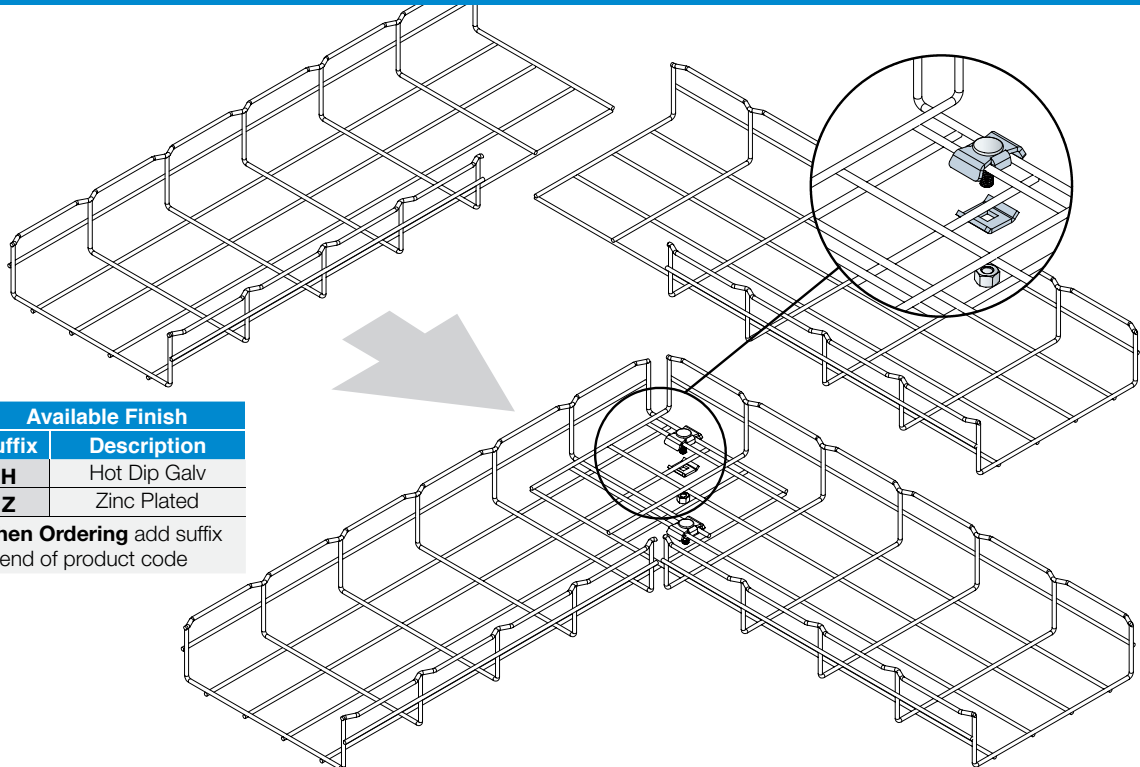


E.&O.E.

Cable Mesh Tray Assembly Instruction

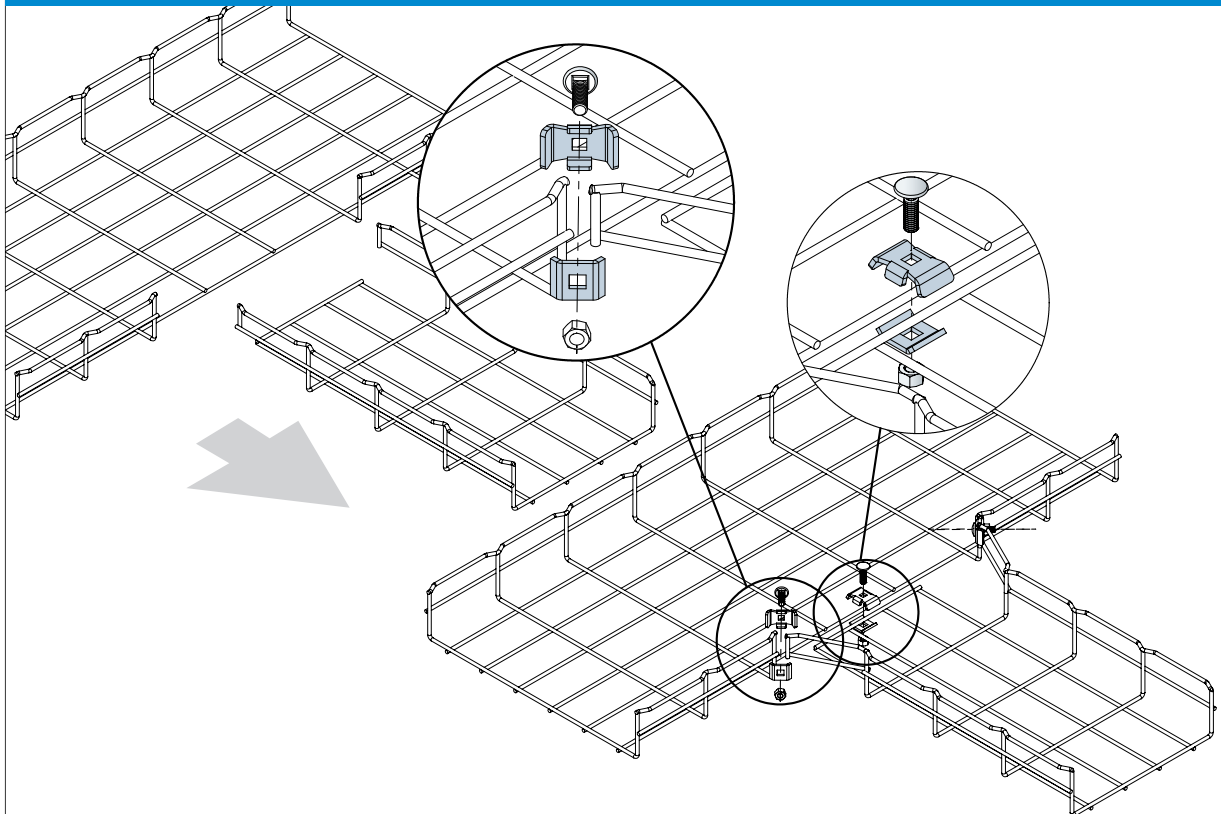
90° Short Radius Bend

Available Finish	
Suffix	Description
H	Hot Dip Galv
Z	Zinc Plated
When Ordering add suffix to end of product code	



CODE: KML06

Tee



CODE: KML06

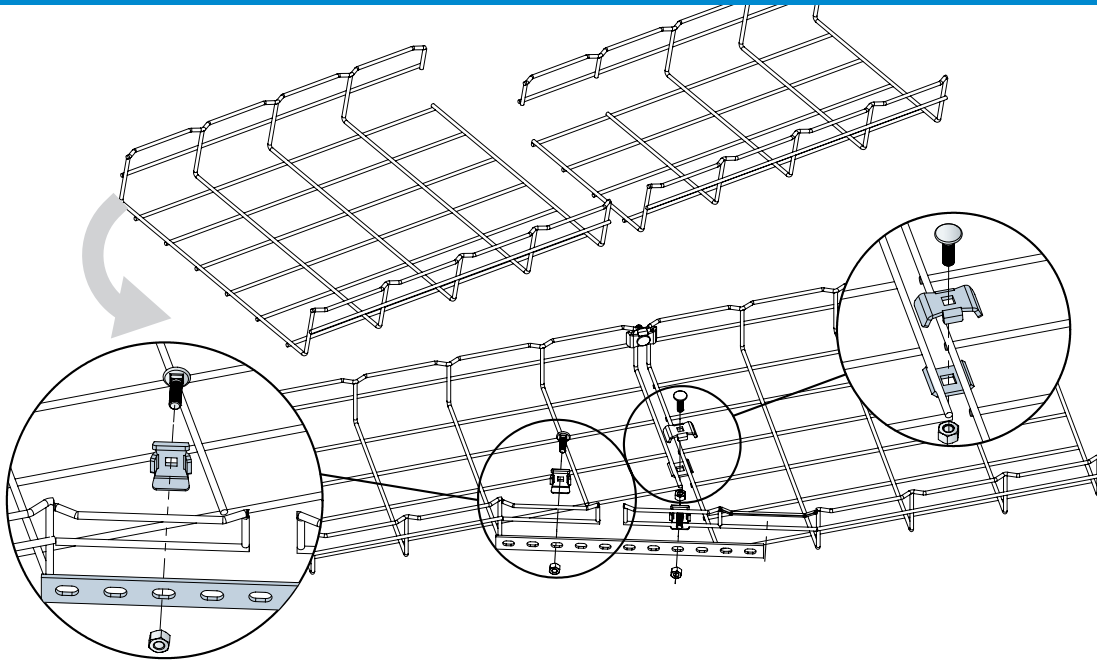
E.&O.E.

Cable Mesh Tray Assembly Instruction

CABLE TRAY

Cable Mesh Tray
Assembly Instruction

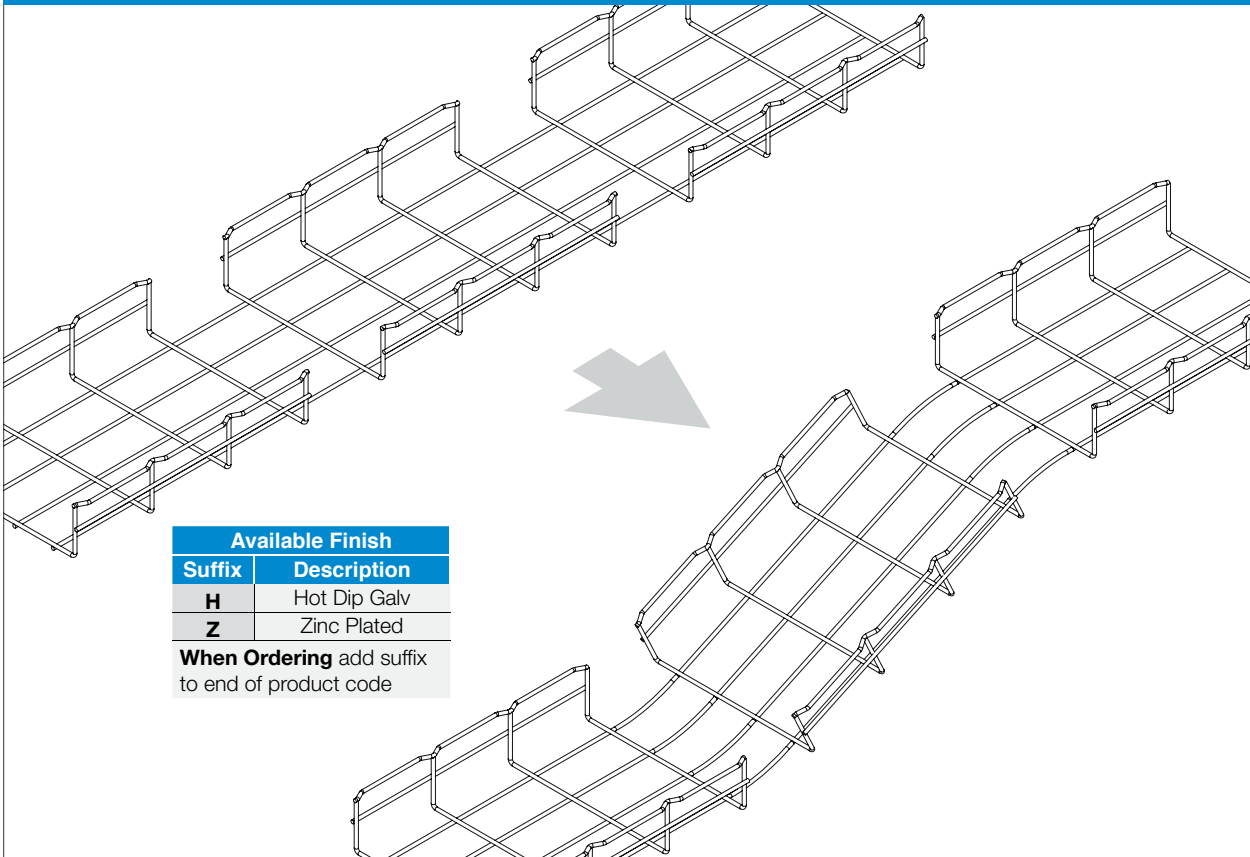
Reducer



CODE: KML10

CODE: KML06

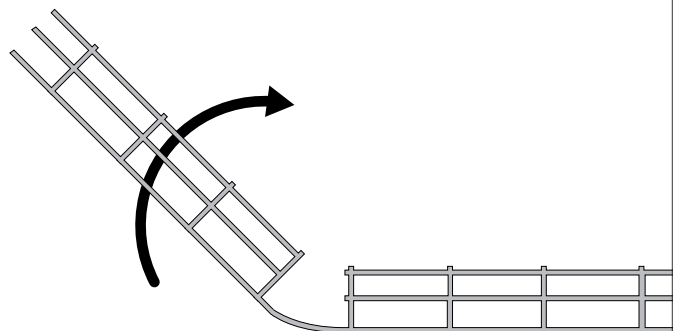
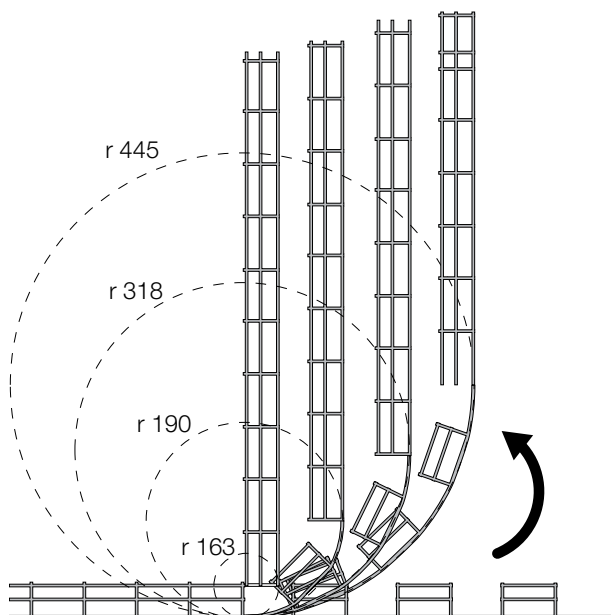
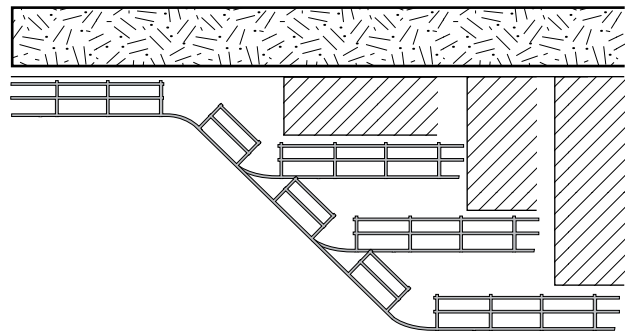
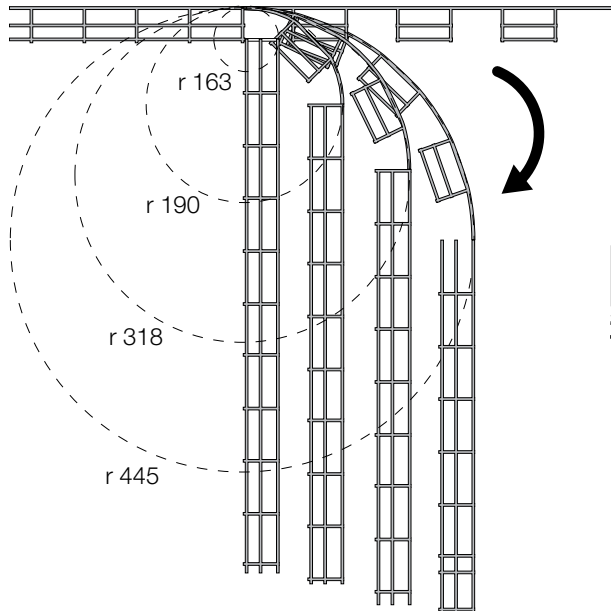
Vertical Inside & Outside Bend



E.&O.E.

Cable Mesh Tray Assembly Instruction

Risers & Vertical Bends



Vertical Bends
Adjustable on site

PLEASE NOTE: When cutting always keep the remaining sharp edge away from the inside of the tray.

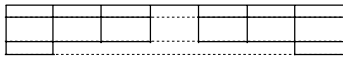
Always use nuts on the outside of trays.

E.&O.E.

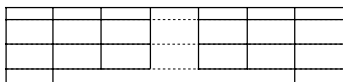
Cable Mesh Tray Assembly Instruction

Wire trays can easily be formed into angles by simply cutting on-site the bottom and side wires. Cut the tray wires as shown on page 2:27 in the pattern belows. Angles such as 90° Short or Large Radius Bends, Tees, crosses, Reducers and Risers are easily formed on-site using standard wire trays, accessories and fixings.

90° Bends – Short Radius



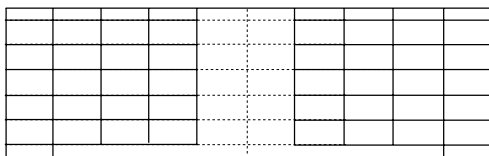
WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm	FIXINGS PER BEND
---------------------	--------------------------	---------------------	------------------------



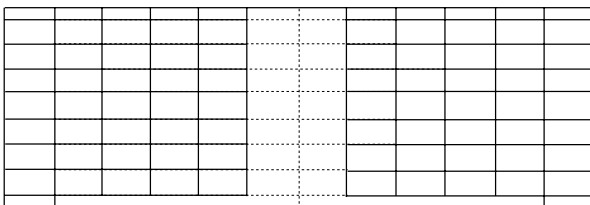
WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm	FIXINGS PER BEND
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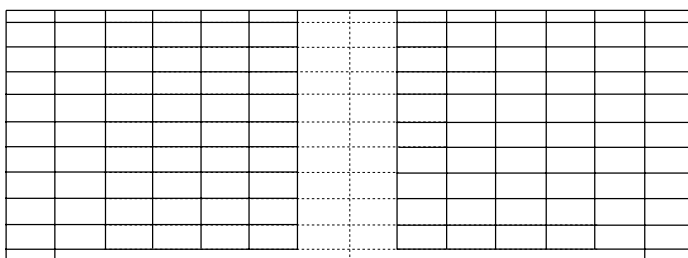
WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm	FIXINGS PER BEND
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WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm	FIXINGS PER BEND
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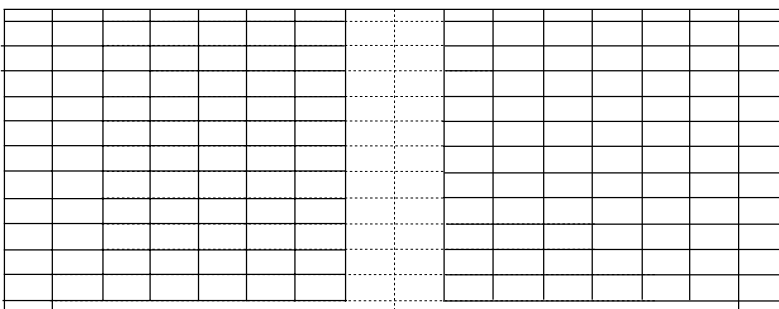


WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm	FIXINGS PER BEND
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WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm	FIXINGS PER BEND
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WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm	FIXINGS PER BEND
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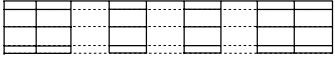
Cable Mesh Tray Assembly Instruction

Wire trays can easily be formed into angles by simply cutting on-site the bottom and side wires. Cut the tray wires as shown on page 2:27 in the pattern belows. Large Radius Bends, are easily formed on-site using standard wire trays, accessories and fixings.

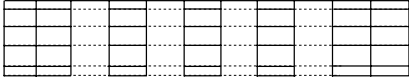
90° Bends – Large Radius



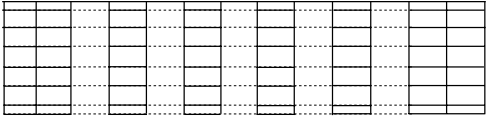
WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm
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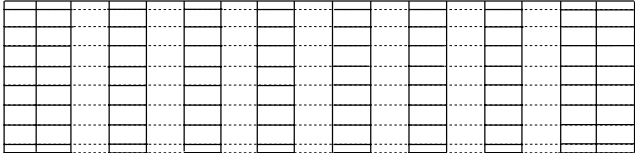
WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm
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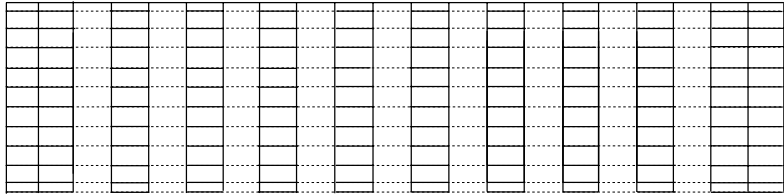
WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm
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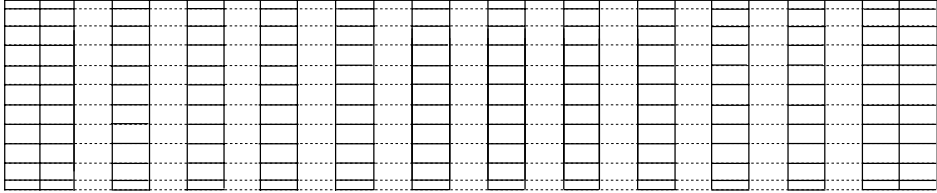
WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm
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WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm
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WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm
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WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm
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