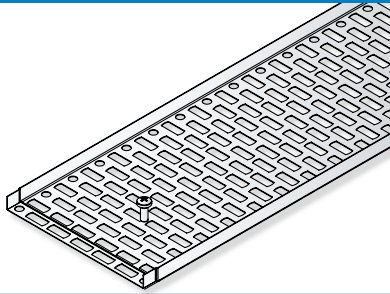


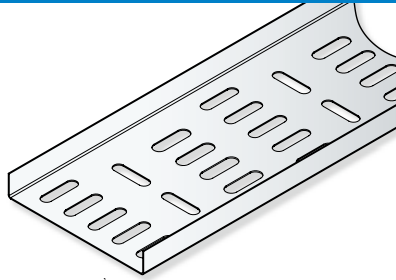
SECTION 2: Cable Tray

Admiralty Pattern Tray



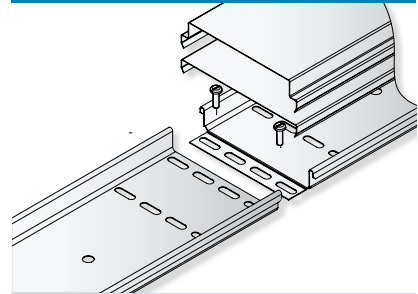
> 2:3

Continuous Punch Cable Tray



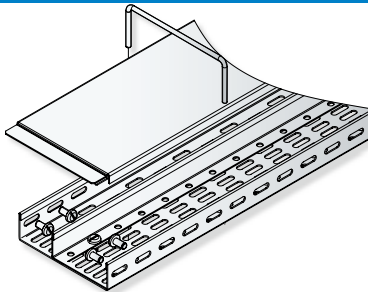
> 2:5

Light Duty Tray



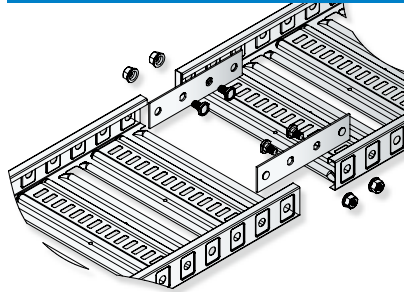
> 2:7

CT Heavy Duty Cable Tray



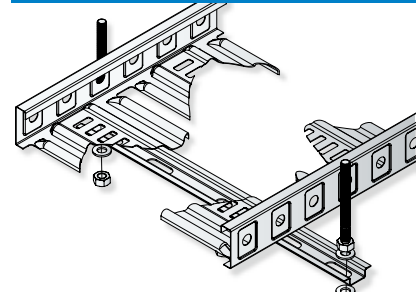
> 2:10

Ladder Tray



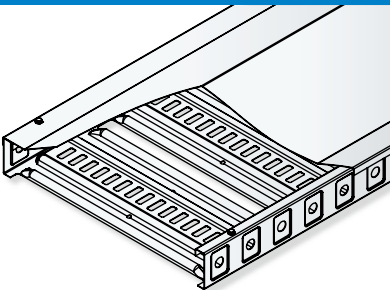
> 2:13

Ladder Tray Accessories



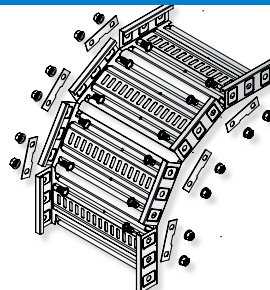
> 2:15

Ladder Tray Covers/Trapeze Supports



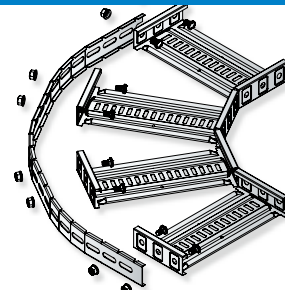
> 2:16

Ladder Tray Riser & Tee



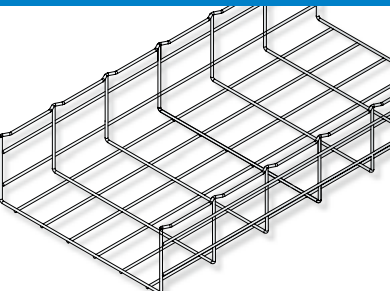
> 2:17

Ladder Tray Bend & Cross



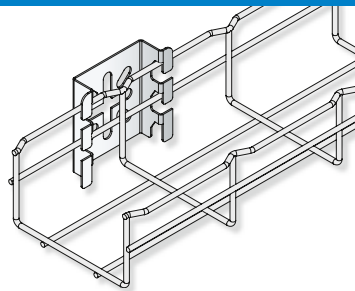
> 2:18

Cable Mesh Tray



> 2:20

Mesh Tray Accessories



> 2:22

E.&O.E.

Admiralty Pattern Tray

General Description

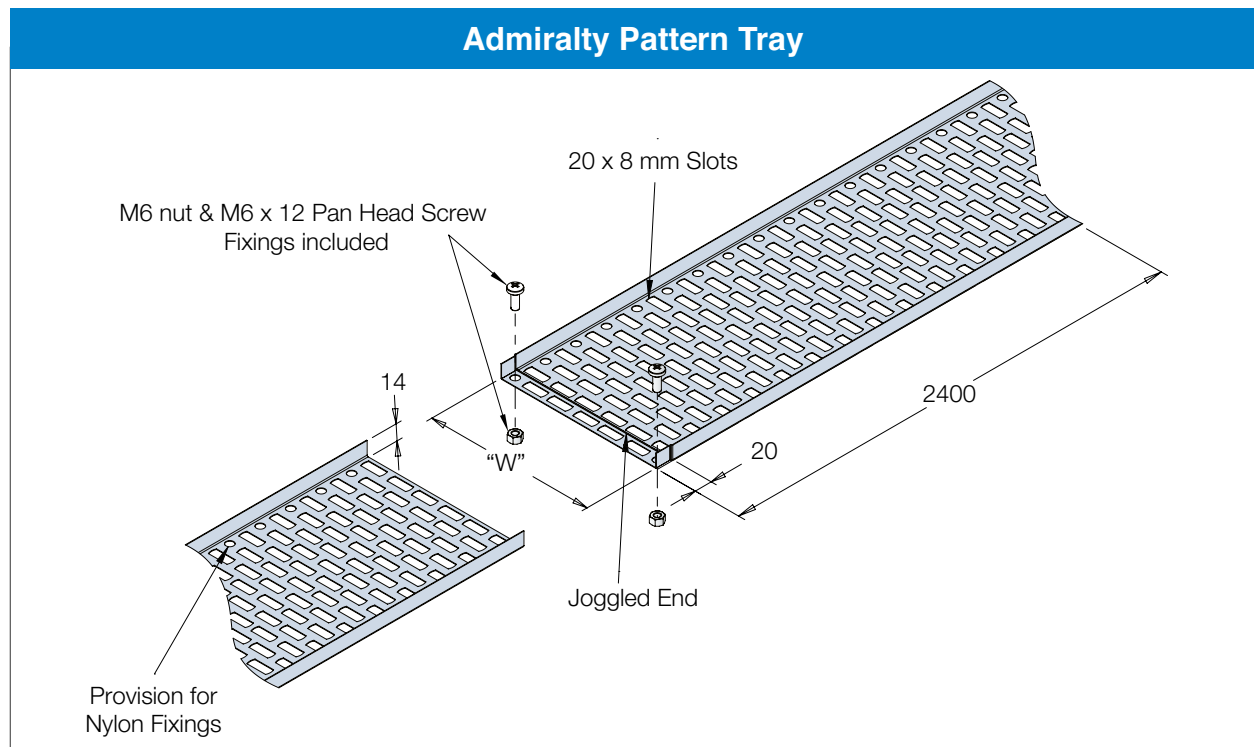
The Kounis Metal Industries Admiralty Pattern Tray System was developed for use in general applications where installers are looking for an economical option for cable management.

The finished product is constructed from 0.55 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:

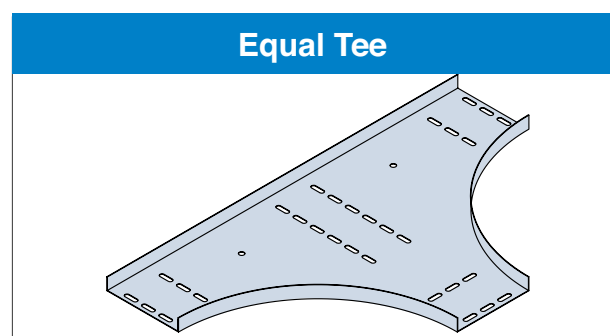
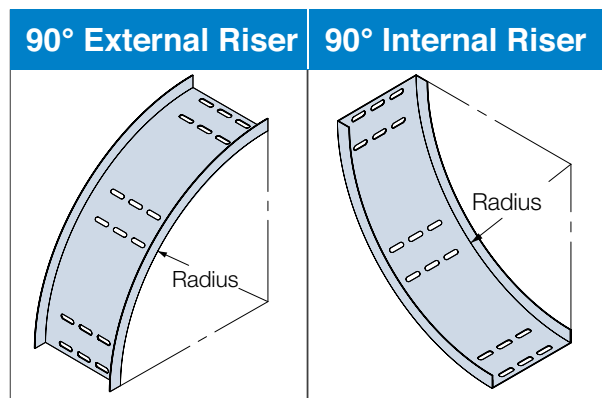
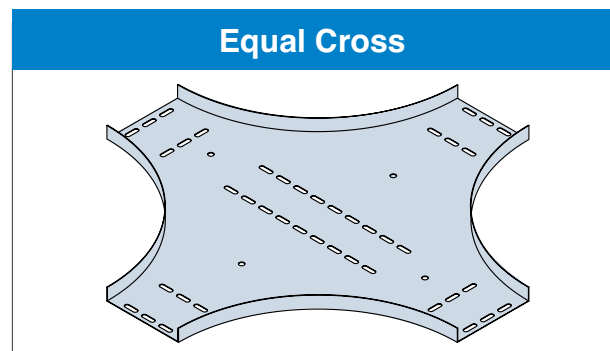
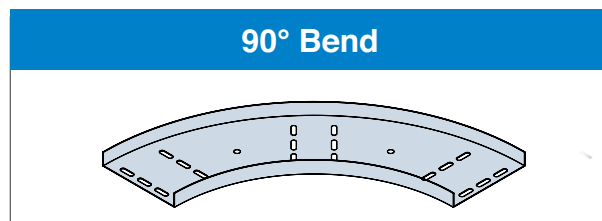
- 2.4 m length
- 14 mm side
- Self-splicing ends making for cost efficient installation by eliminating the need for additional materials
- Perforated tie off points at 25 mm continuous centres offering superior ventilation and efficient use of tray width
- Reverse punched to ensure burr free cable laying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

Painted finish is available on request.

Admiralty Pattern Tray



Fittings Available on Request



When Ordering

Range	Type	Size	Finish
KAP	T	7	G
KAP = Admiralty Pattern Tray	T = Tray	7 = 75 mm	G = Galvabond H = Hot Dip Galv P = Painted
	TB = Bend	10 = 100 mm	
	TT = Tee	15 = 150 mm	
	TC = Cross	23 = 230 mm	
	TRX = External Riser	30 = 300 mm	
	TRI = Internal Riser		

Ordering example shown Admiralty Pattern tray 75 mm Galvabond

Fittings can be site manufactured utilizing the tray. Factory made fittings can be manufactured on request. Standard Fittings Radius 300 mm.

E.&O.E.

Continuous Punch Cable Tray

General Description

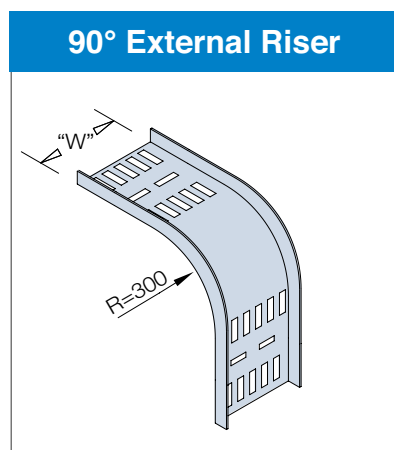
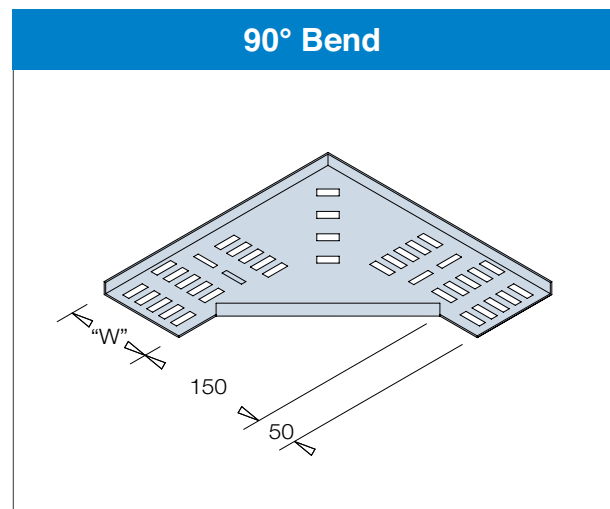
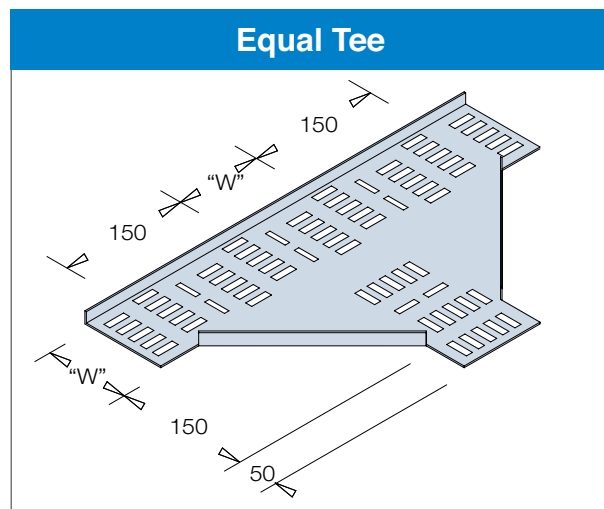
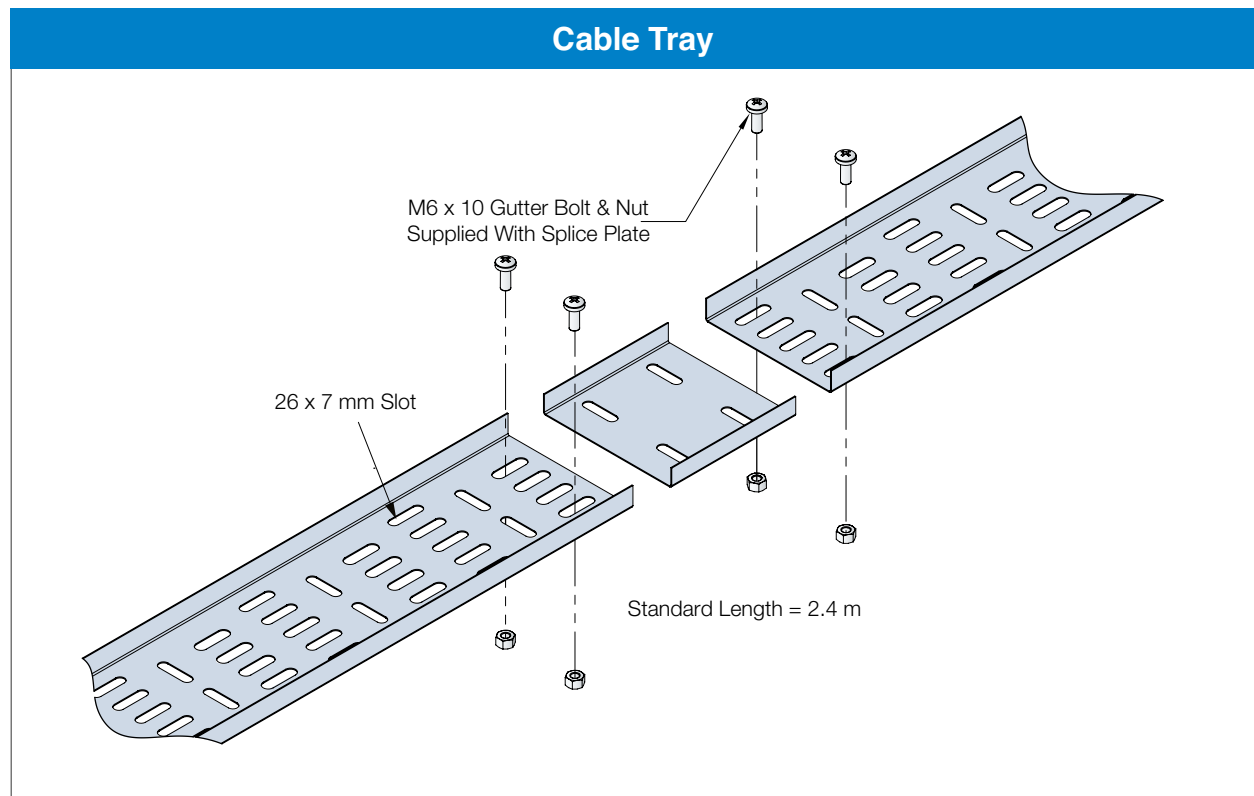
The Kounis Metal Industries Continuous Punch Cable Tray System was developed for use in Instrumentation and shipbuilding applications where the surrounding environment calls for a low profile medium durability system that can withstand impact from wind and loose debris.

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	Size	Finish
CP	T	7	G
CP = Continuous Punch Cable Tray	T = Tray	7 = 75 mm	G = Galvabond
	B = Bend	10 = 100 mm	H = Hot Dip Galv
	TT = Tee	15 = 150 mm	A = Aluminium
	C = Cross	23 = 230 mm	S = Stainless Steel
	RX = External Riser	30 = 300 mm	P = Painted
	RI = Internal Riser	45 = 450 mm	
		60 = 600 mm	

Ordering example shown Continuous Punch Tray 75 mm Galvabond

E.&O.E.

Light Duty Tray

General Description

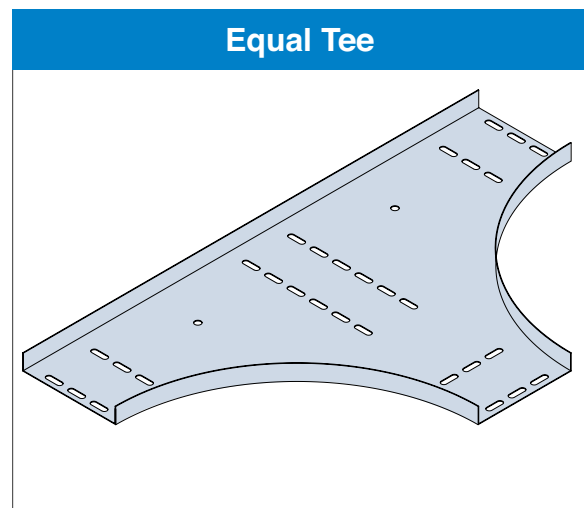
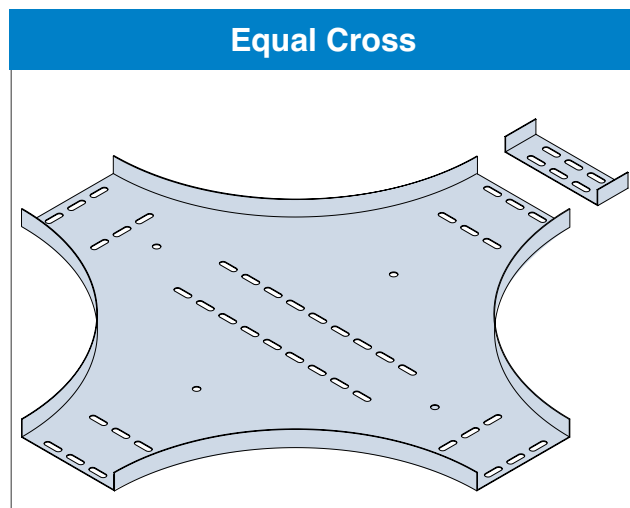
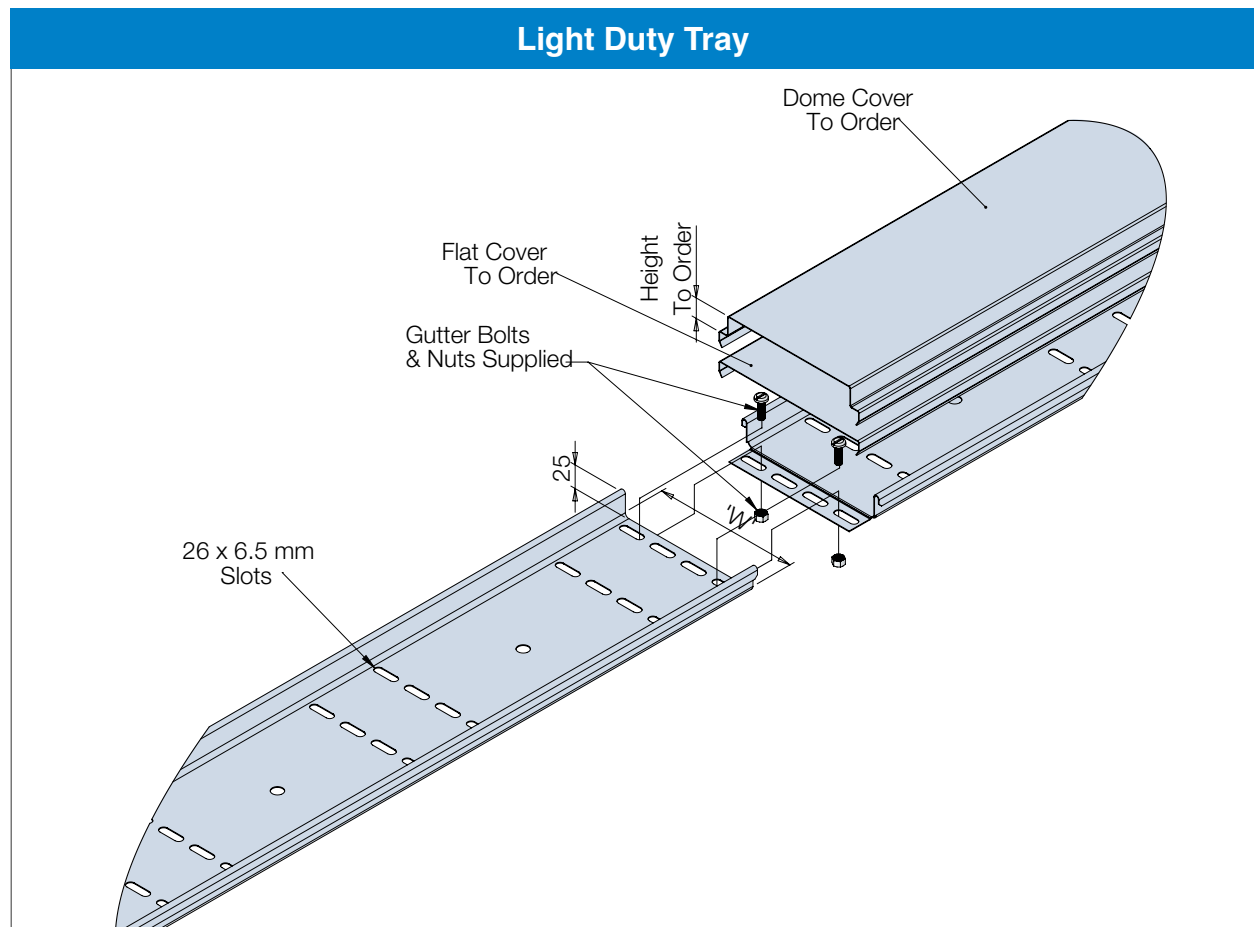
The Kounis Metal Industries Light Duty Tray System was developed for use in any application where installers are looking for exceptional load bearing characteristics from a light series tray system.

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



When Ordering

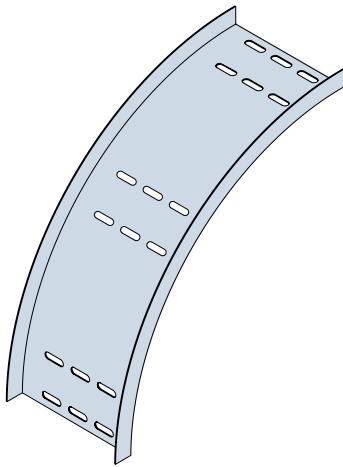
Range	Type	Size	Finish
LD	T	7	G
LD = Light Duty Cable Tray	T = Tray TT = Tee C = Cross FC = Flat Cover DC = Dome Cover (Height to order)	7 = 75 mm 10 = 100 mm 15 = 150 mm 23 = 230 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G = Galvabond H = Hot Dip Galv A = Aluminium S = Stainless Steel P = Painted

Ordering example shown Light Duty Cable Tray 75 mm Galvabond

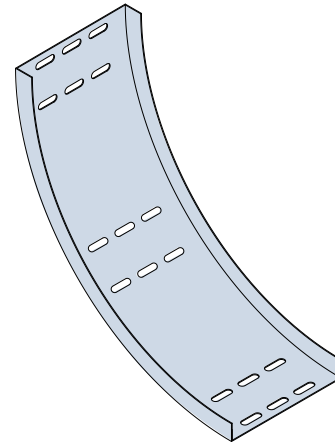
E.&O.E.

Light Duty Tray

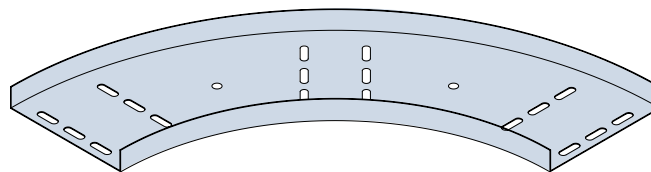
90° External Riser



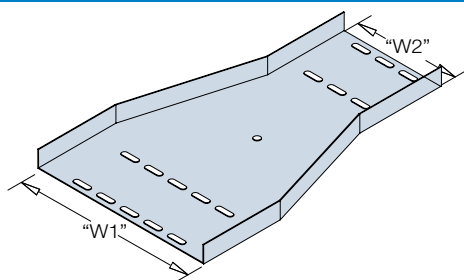
90° Internal Riser



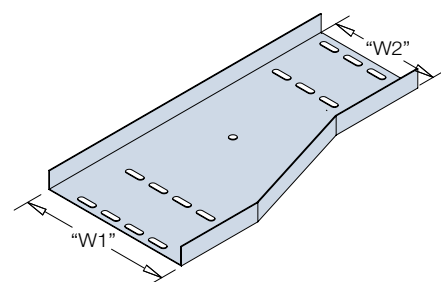
90° & 45° Bend



Straight Reducer



Offset Reducer Left



When Ordering

Range	Type	Size	Finish
LD	B	7	G
LD = Light Duty Cable Tray	B = Bend RX = External Riser RI = Internal Riser SR = Straight Reducer LR = Left Reducer RR = Right Reducer	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 Galv A = Aluminium S = Stainless Steel P = Painted

Ordering example shown Light Duty Cable Tray Bend 75 mm Galvabond

E.&O.E.

CT Heavy Duty Cable Tray

General Description

The Kounis Metal Industries 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.

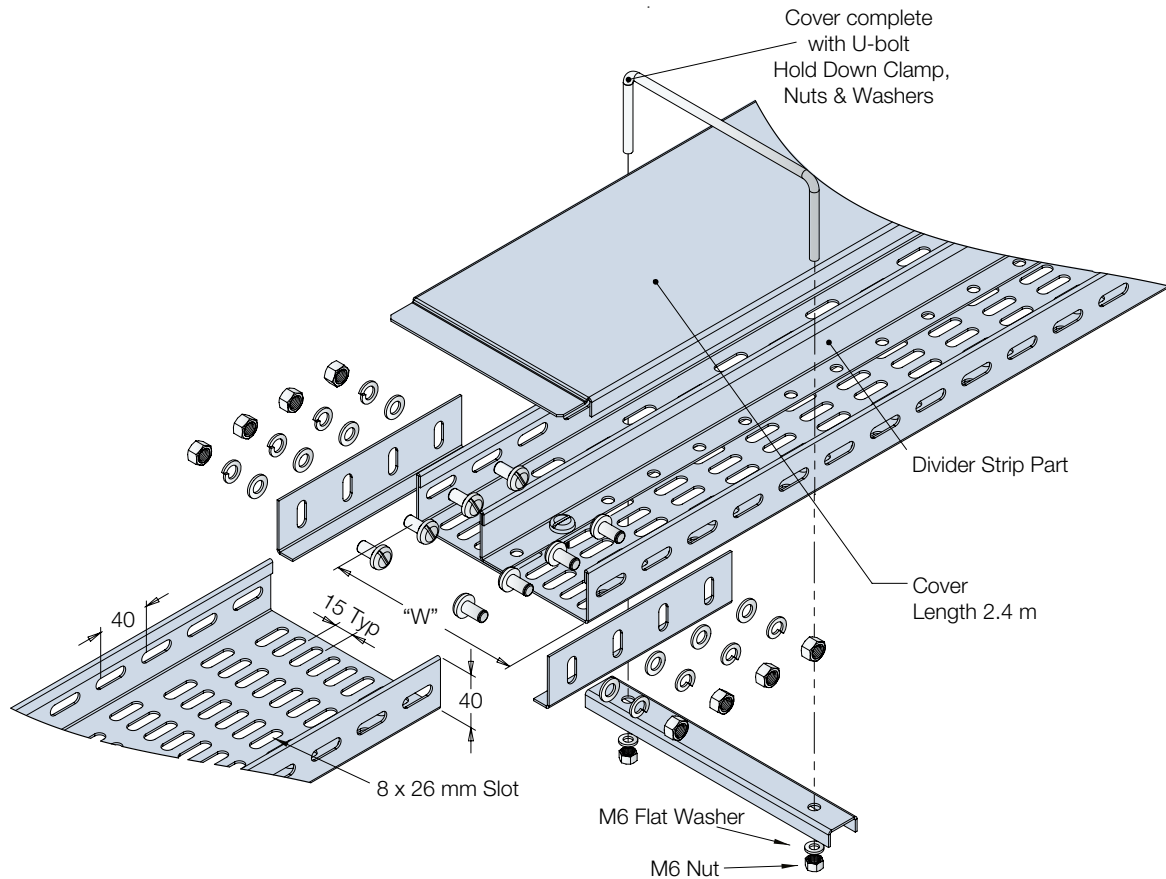
The finished product is constructed from 1.6 mm base material of which there are four options; **Mild Steel** with post production **Hot Dip Galvanised** surface treatment, **Galvabond**, 316 Grade **Stainless Steel** and **Aluminium**. All of which offer the following features:

- 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

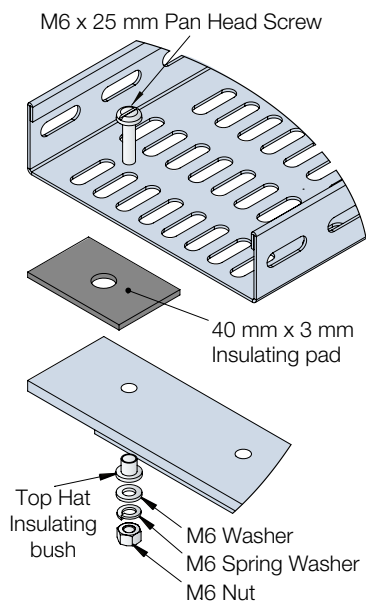
Custom sizes and painted finish available on request.

CT Heavy Duty Cable Tray

CT Cable Tray



Fixing and insulation where dissimilar materials are used



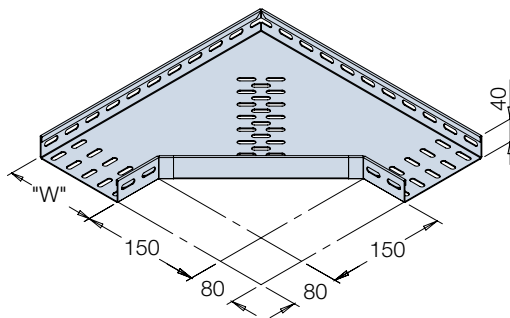
When Ordering

Range	Type	Size	Finish
CT	T	7	G
CT = Heavy Duty Cable Tray	T = Tray FC = Flat Cover D = Divider P = Splice Plate IP = Insulating Pad IB = Insulating Bush	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 Galv A = Aluminium S = Stainless Steel P = Painted

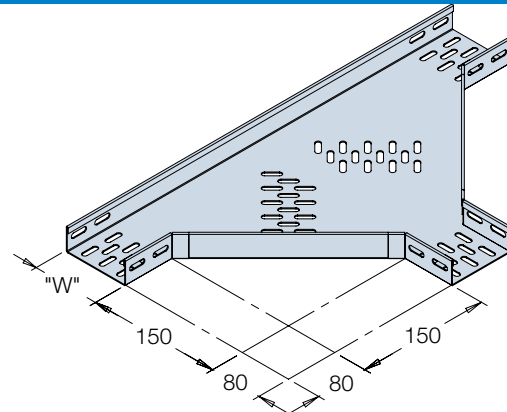
Ordering example shown Heavy Duty Cable Tray 75 mm Galvabond

CT Heavy Duty Cable Tray Fittings

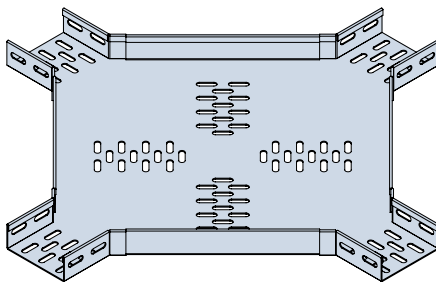
90° Bend



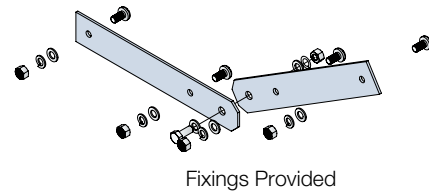
Equal Tee



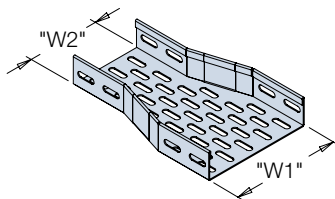
Equal Cross



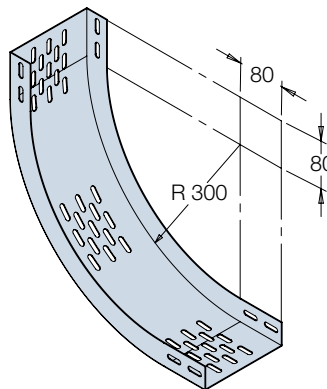
Vertical Hinged Splice Plate



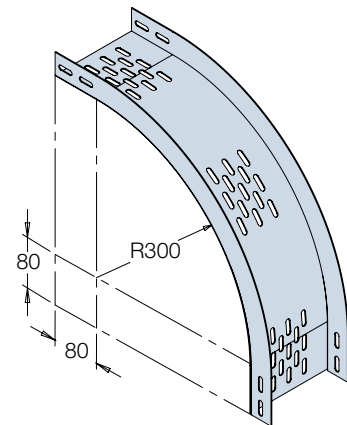
Straight Reducer



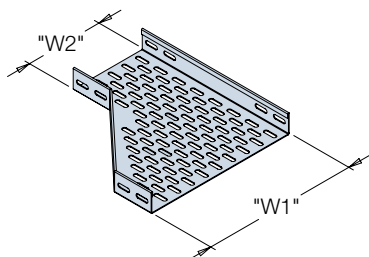
90° Internal Riser



90° External Riser



Offset Reducer



When Ordering

Range	Type	Size	Finish
CT = Heavy Duty Cable Tray	B = Bend	7 = 75 mm	G = Galvabond H = Hot Dip Galv A = Aluminium S = Stainless Steel P = Painted
	TT = Tee	10 = 100 mm	
	C = Cross	15 = 150 mm	
	VP = Vertical Hinge	23 = 230 mm	
	SR = Straight Reducer	30 = 300 mm	
	LR = Left Reducer	45 = 450 mm	
	RR = Right Reducer	60 = 600 mm	

Ordering example shown Heavy Duty Cable Tray Bend 75 mm Galvabond

E.&O.E.

Ladder Tray

General Description

The Kounis Metal Industries Ladder Tray 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 0.75 mm base material of which there are two finish options; **Galvabond** and **Mild Steel** with post production **Hot Dip Galvanised** surface treatment. System options are

KT3 Ladder Tray System – 50 mm high sided tray

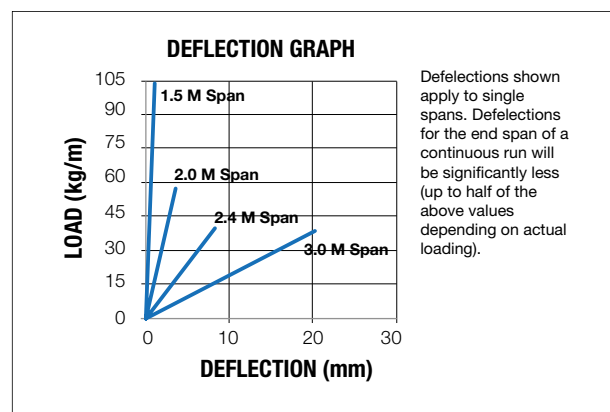
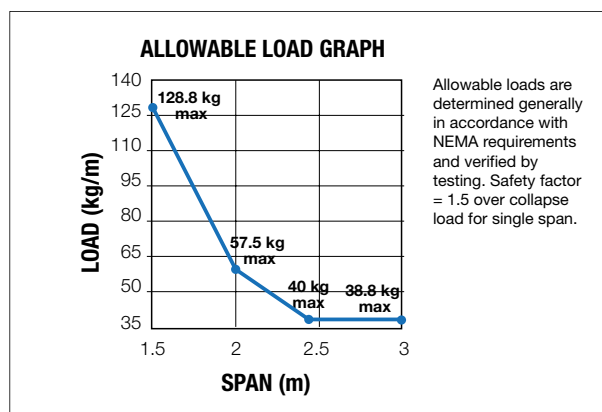
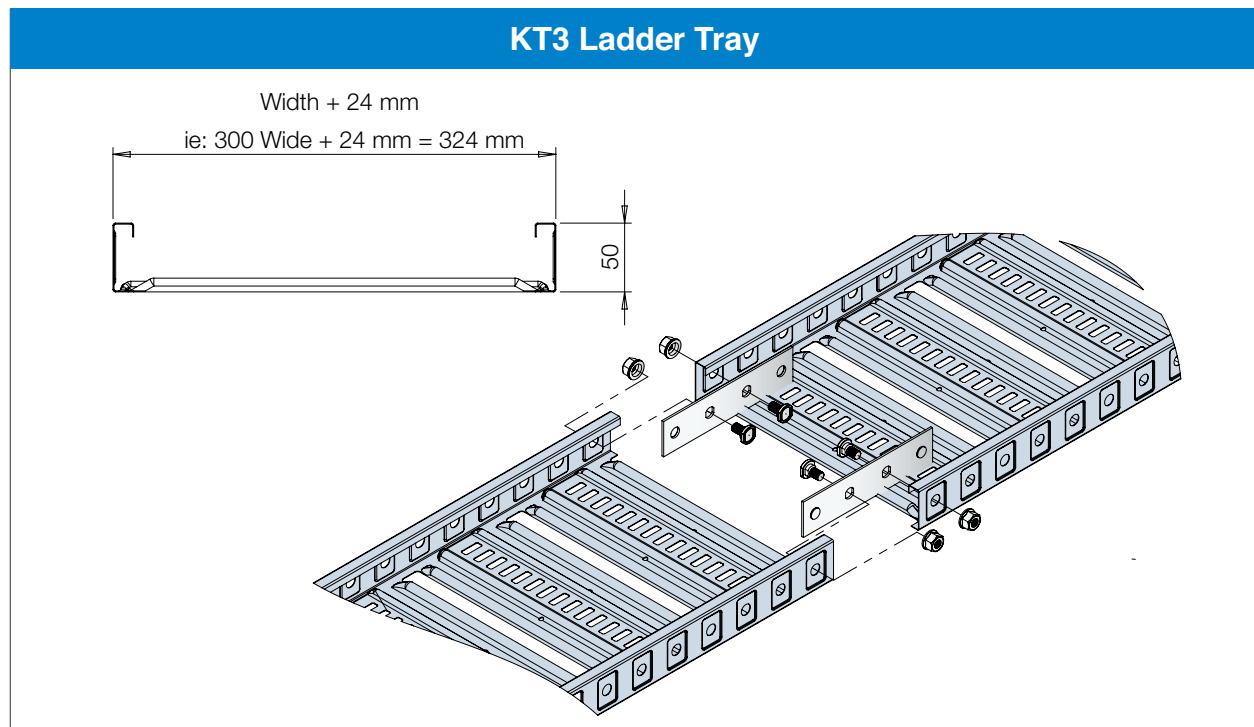
KT5 Ladder Tray System – 85 mm high sided tray

All of which offer the following features or options:

- 3m length
- Site fabricated fittings for all required direction, junction or size changes
- Perforated tie off points at 20 mm 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 covers to suit
- Barrier Strip for multiple service segregation available
- A full range of pre-fabricated light or heavy trapeze supports

Painted finish available on request.

KT3 Ladder Tray



The load and deflection graphs apply to all widths of Kounis Ladder Tray. All results were determined in accordance with NEMA VE-1 and verified by testing on single spans and include a Safety factor for allowable loading. For a continuous tray installation the loads shown can be factored up

by approximately 1.25 times that for the single span which is shown. Tray loading and deflections are also influenced by the positioning of the tray connectors and loading. Please refer to NEMA VE2 for installation guidelines.

When Ordering

Range	Type	Size	Finish
KT	3	15	G
KT = Ladder Tray	3 = (50 mm High Side)	15 = 150 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G = Galvabond H = Hot Dip Galv P = Painted

Ordering example shown Ladder Tray 50 mm High Side 150 mm Wide Galvabond

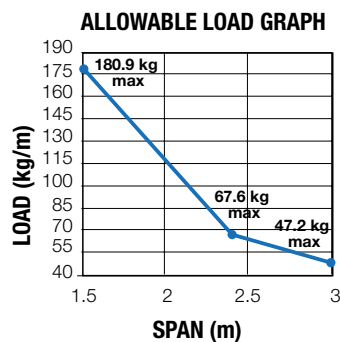
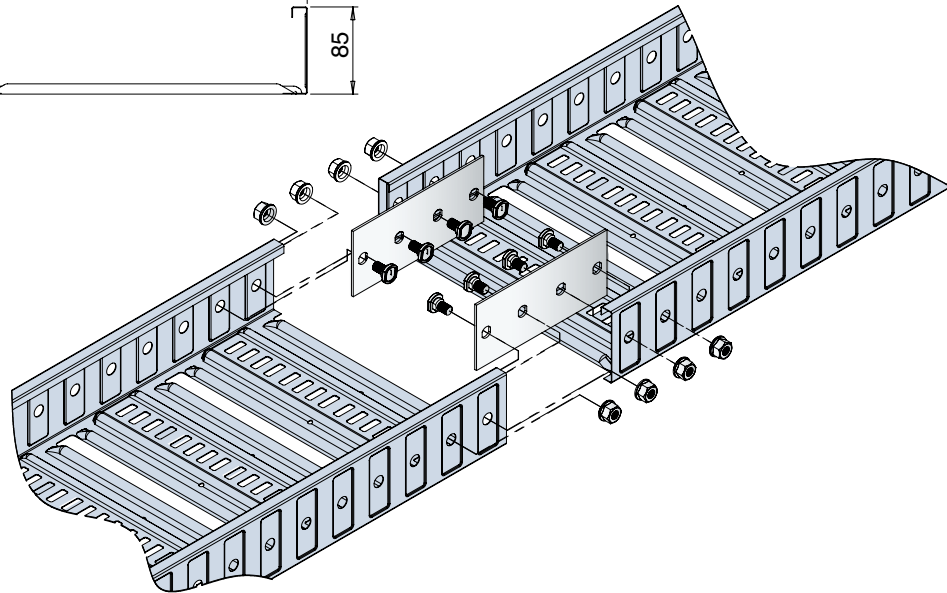
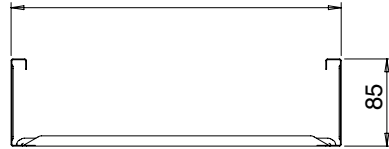
KT5 Ladder Tray

CABLE TRAY

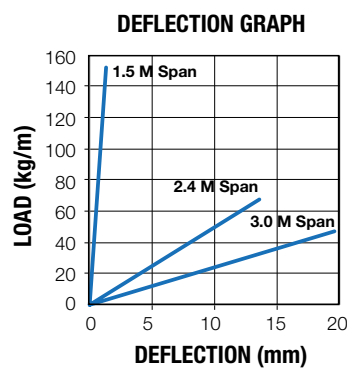
KT5 Ladder Tray

KT5 Ladder Tray

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



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



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).

The load and deflection graphs apply to all widths of Kounis Ladder Tray. All results were determined in accordance with NEMA VE-1 and verified by testing on single spans and include a Safety factor for allowable loading. For a continuous tray installation the loads shown can be factored up

by approximately 1.25 times that for the single span which is shown. Tray loading and deflections are also influenced by the positioning of the tray connectors and loading. Please refer to NEMA VE2 for installation guidelines.

When Ordering

Range	Type	Size	Finish
KT	5	15	G
KT = Ladder Tray	5 = (85 mm High Side)	15 = 150 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G = Galvabond H = Hot Dip Galv P = Painted

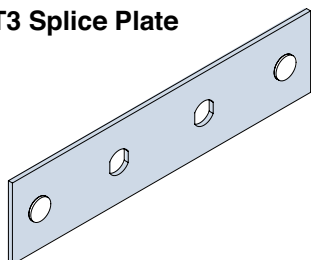
Ordering example shown Ladder Tray 85 mm High Side 150 mm Wide Galvabond

E.&O.E.

Ladder Tray Accessories

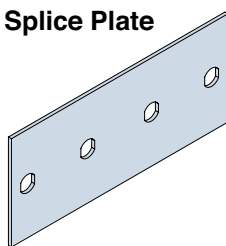
Ladder Tray Accessories

KT3 Splice Plate



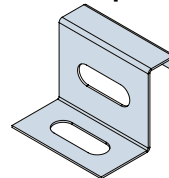
CODE: KT3SP

KT5 Splice Plate



CODE: KT5SP

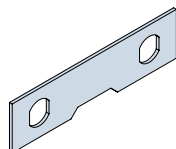
Hold Down Clamp



CODE: KT3HDC

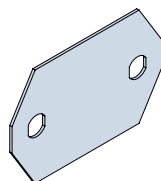
CODE: KT5HDC

KT3 Riser Link



CODE: KT3LP

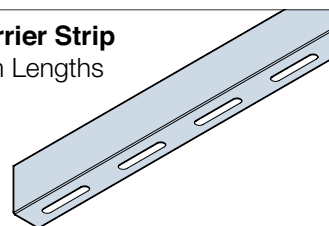
KT5 Riser Link



CODE: KT5LP

Barrier Strip

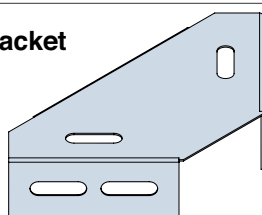
3 m Lengths



CODE: KT3BS

CODE: KT5BS

TX Bracket

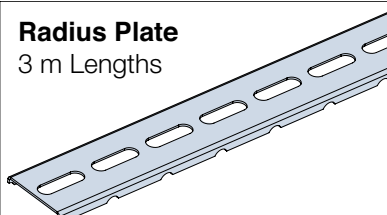


CODE: KT3TX

CODE: KT5TX

Radius Plate

3 m Lengths



CODE: KT3RP

CODE: KT5RP

Tray Bolt



CODE: KTB

Tray Whizz Nut



CODE: KTN

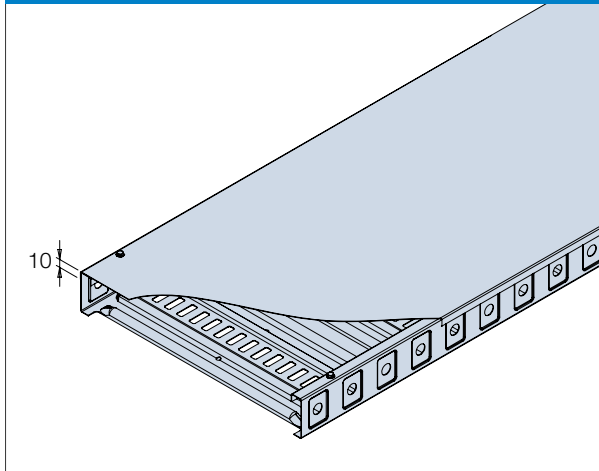
When Ordering

Range	Type	Size	Finish
KT	3	SP	G
KT = Ladder Tray	3 = (50 mm High Side) 5 = (85 mm High Side)	SP = Splice Plate HDC = Hold Down Clamp LP = Riser Link Plate BS = Barrier Strip TX = Tee / Cross Bracket RP = Radius Plate B = Tray Bolt N = Tray Nut	G = Galvabond H = Hot Dip Galv P = Painted Z = Zinc Plated
	N/A		
	N/A		

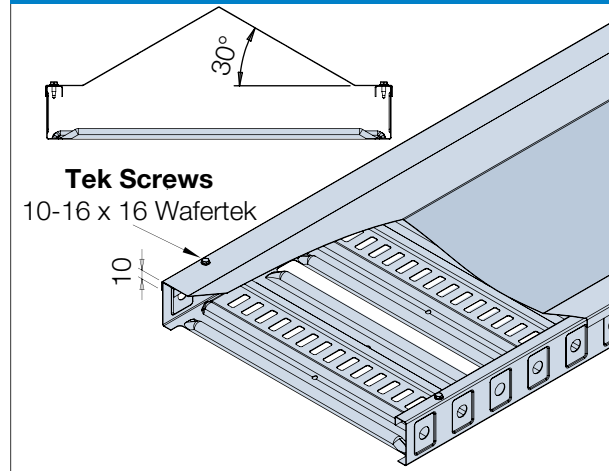
Ordering example shown Ladder Tray 50 mm High Side Splice Plate Galvabond

Ladder Tray Covers/Trapeze Supports

Flat Cover for KT3 & KT5 Tray



Peak Cover for KT3 & KT5 Tray



When Ordering

Range	Type	Size	Finish
KT	FC	15	G
KT = Ladder Tray	FC = Flat Cover PC = Peak Cover	15 = 150 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G = Galvabond H = Hot Dip Galv P = Painted

Ordering example shown Ladder Tray Flat Cover 150 mm Wide Galvabond finish.

Stock Tray Cover lengths 3 m

Stock Material 0.75 mm

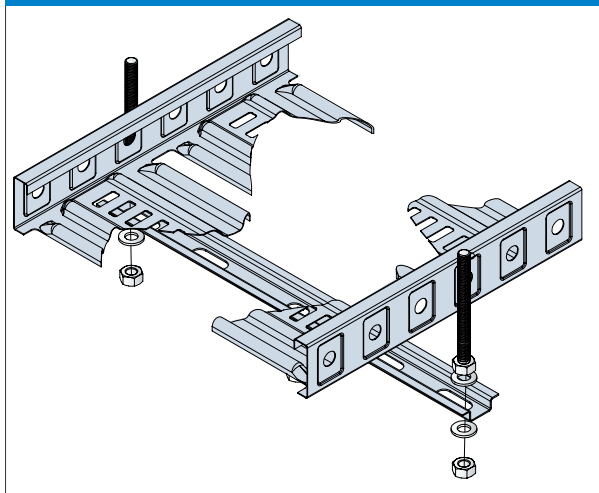
Galvabond all widths

Stock material HDG

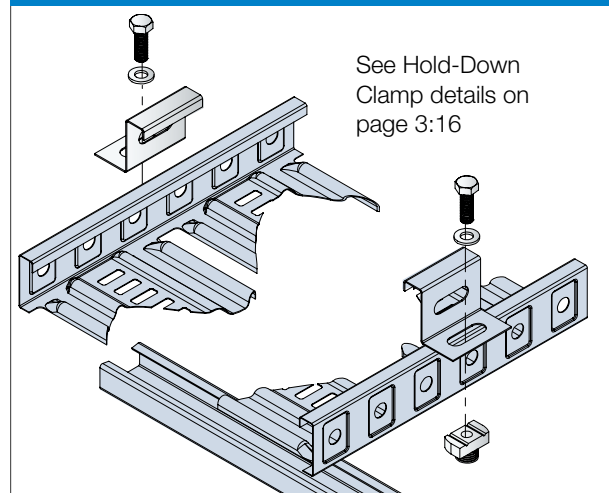
150-300 1.0 mm

450-600 1.2 mm

Light Duty Trapeze Support



Heavy Duty Trapeze Support



When Ordering

Range	Type	Size	Finish
KT	LTS	15	G
KT = Ladder Tray	LTS = Light Duty Support HTS = Heavy Duty Support	15 = 150 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm	G = Galvabond H = Hot Dip Galv P = Painted

Ordering example shown Ladder Tray Light Duty Support 150 mm Galvabond finish.

Note: Fastenings shown are for Tray Bolts and Nuts only. Fastenings to brackets are by M10 Hex Bolt and to suit the particular support 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

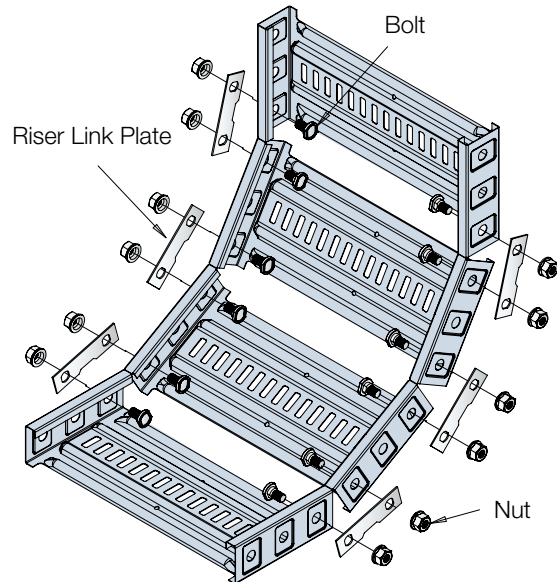
QTY. OF FITTINGS FROM 3 m TRAY LENGTH

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

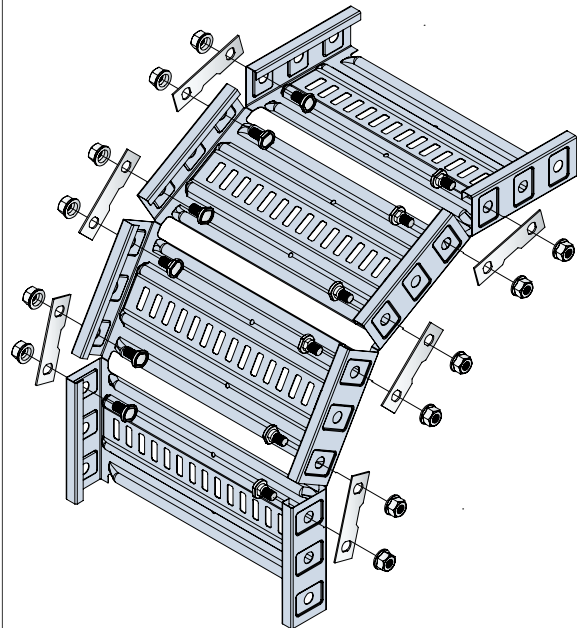
E.&O.E.

Ladder Tray Assembly Instructions

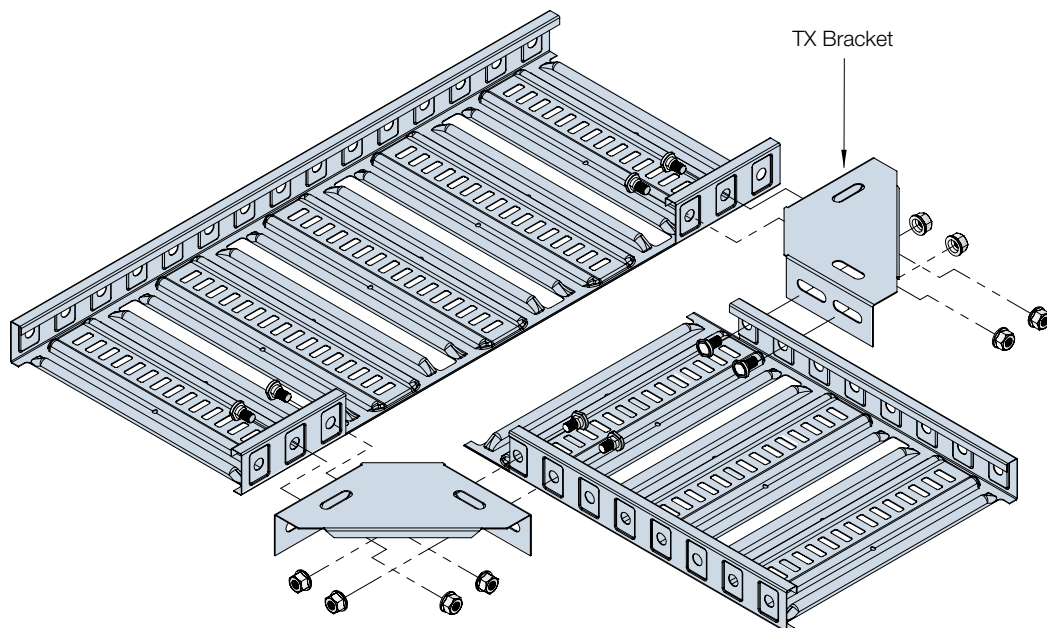
Internal Riser



External Riser



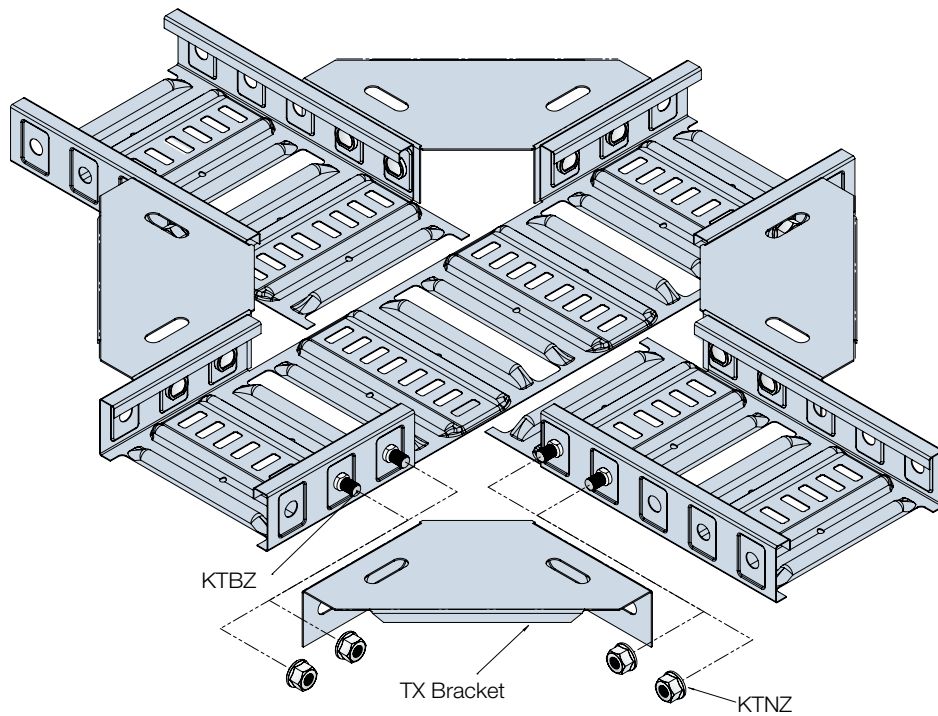
Tee



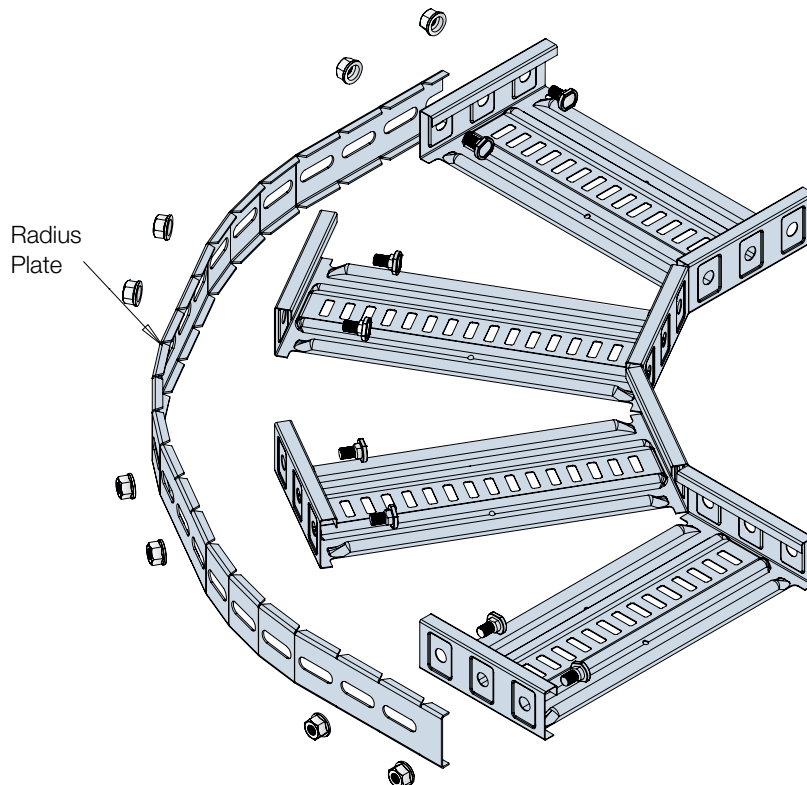
E.&O.E.

Ladder Tray Assembly Instructions

Cross



Bend



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

E.&O.E.

Cable Mesh

General Description

The Kounis Metal Industries 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

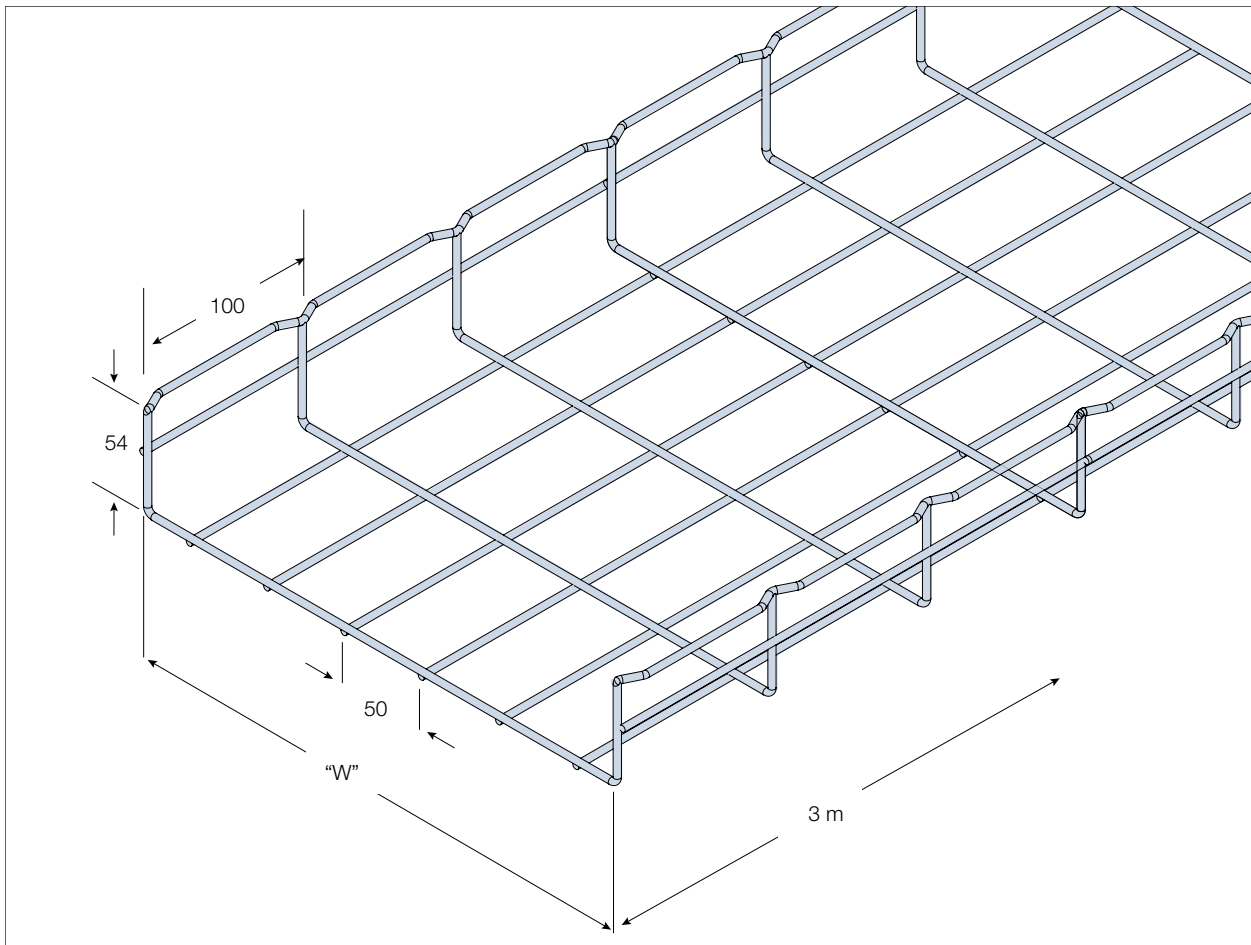
KT104 Cable Mesh System – 104 mm high sided tray

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.

Cable Mesh – 54 mm



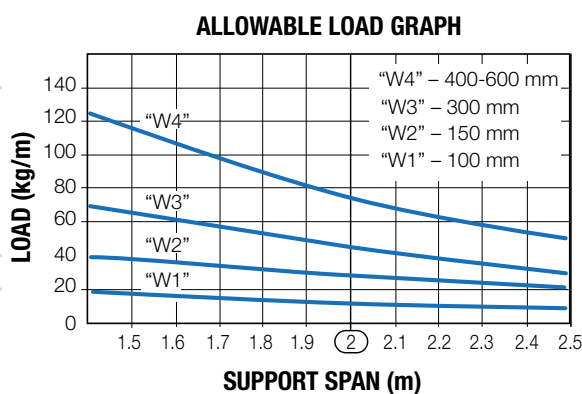
When Ordering

DEPTH: 50 mm inside

LENGTH: 3 m

Range	Type	Size	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

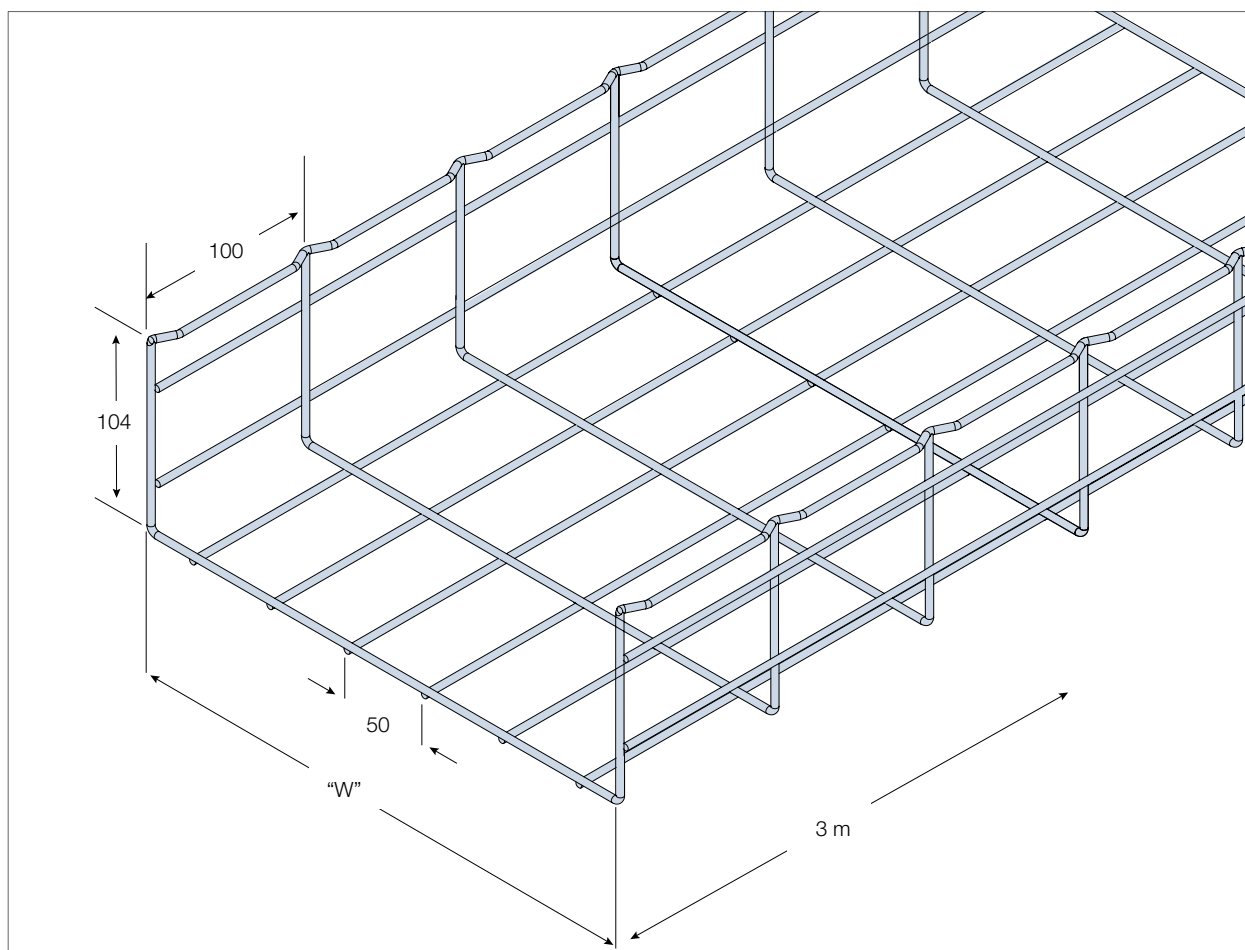


KM 54 Tray

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 – 104 mm



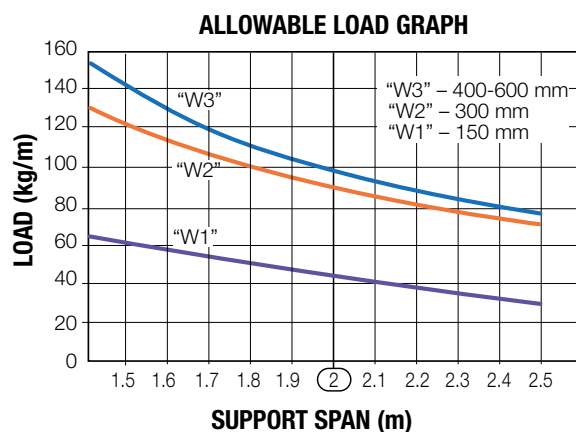
When Ordering

Range	Type	Size	Finish
KM	104	10	Z
KM = Cable Mesh	104 = (104 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



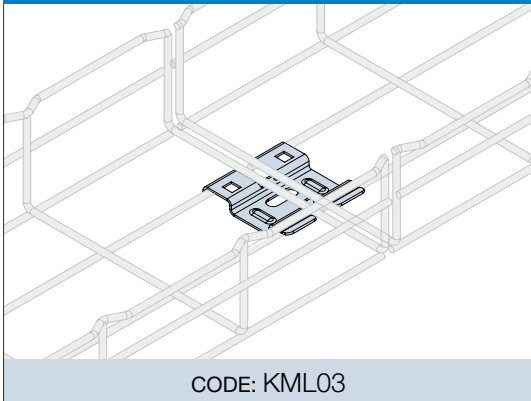
KM 14 Tray

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.

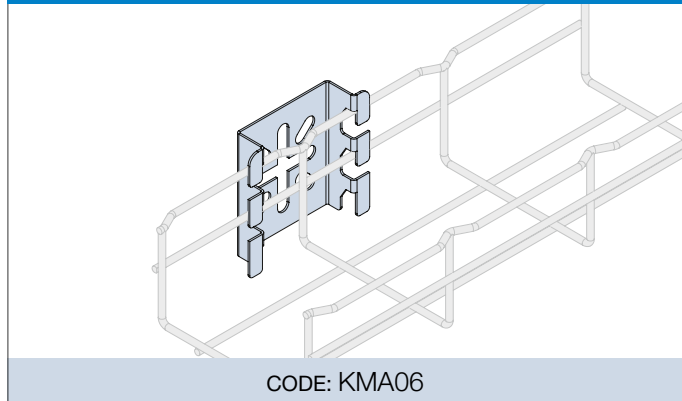
E.&O.E.

Cable Mesh Tray Accessories & Connectors

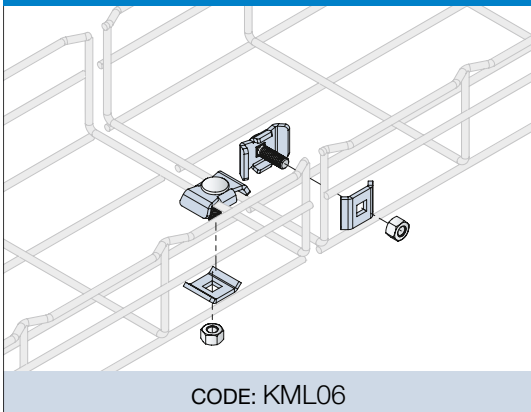
Base Connector



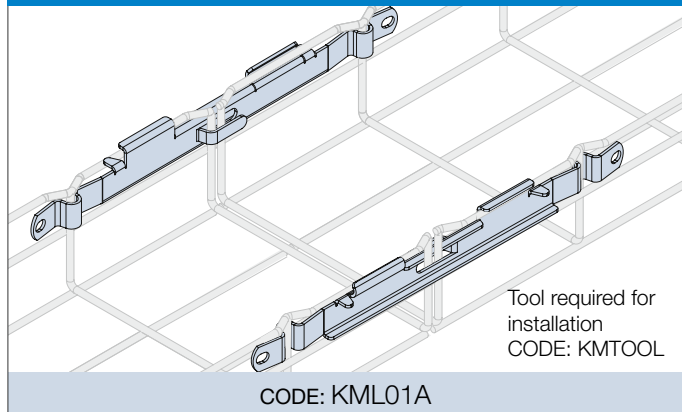
Wall Bracket / Box Mounting



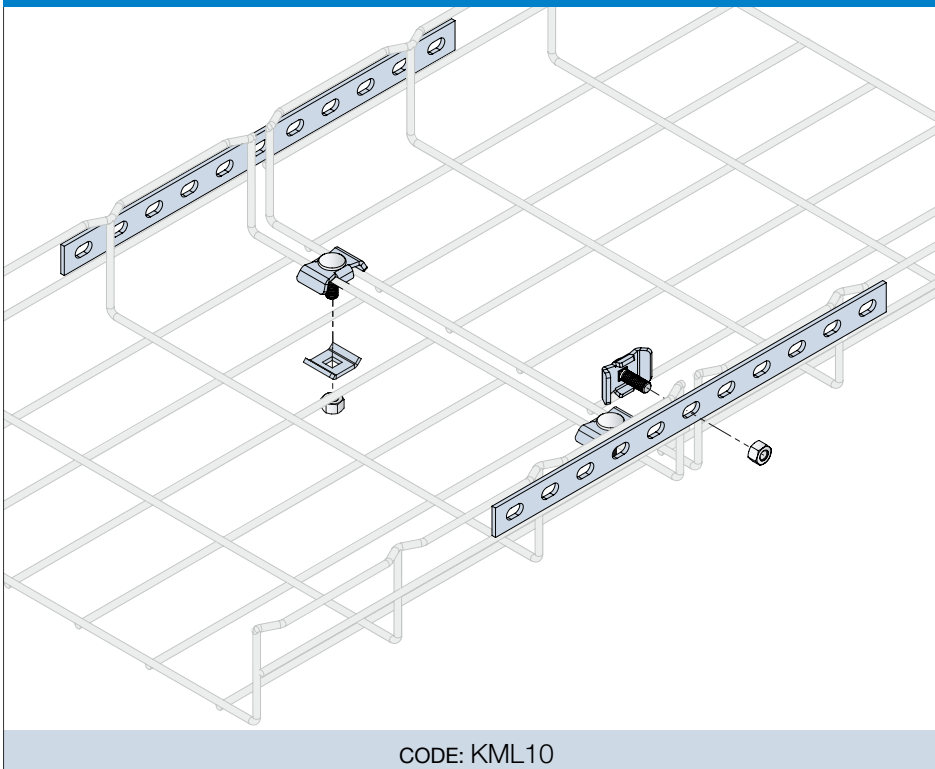
Connector & Bend Assembly



Tab Loc Connector



Splice Bar Joiner



Available Finish

Suffix	Description
H	Hot Dip Galv
Z	Zinc Plated

When Ordering add suffix to end of product code

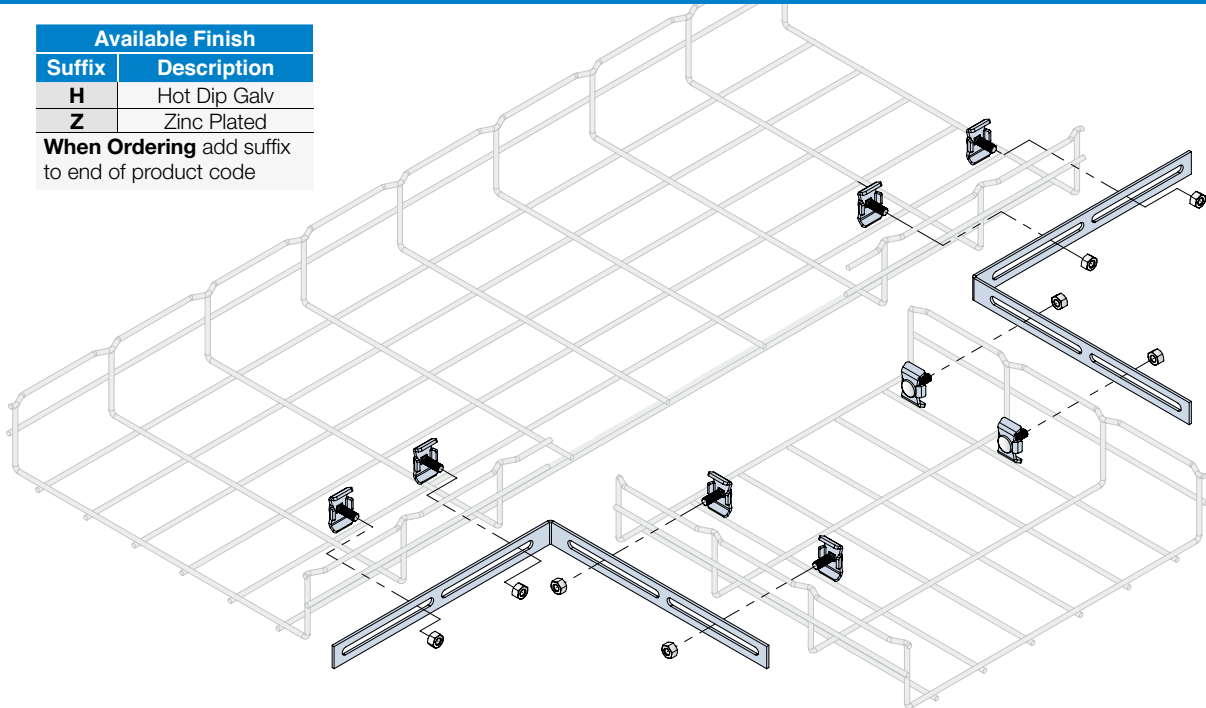
E.&O.E.

Cable Mesh Tray Accessories & Connectors

Tee Bar Joiner

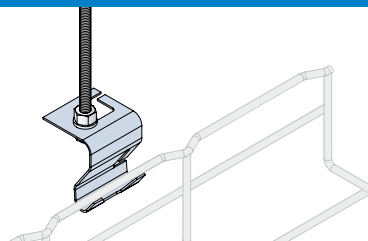
Available Finish	
Suffix	Description
H	Hot Dip Galv
Z	Zinc Plated

When Ordering add suffix to end of product code



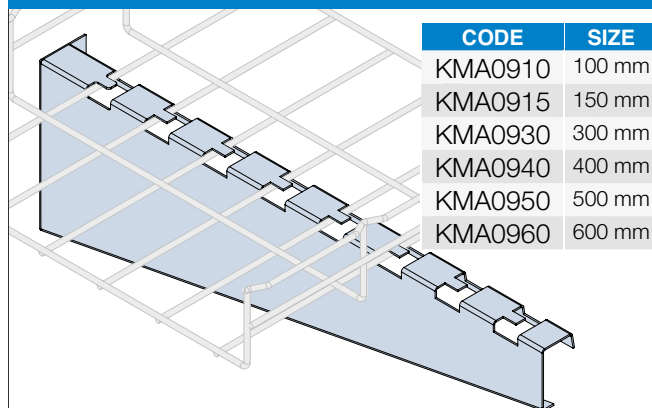
CODE: KML05A

Overhead Hanger Clip



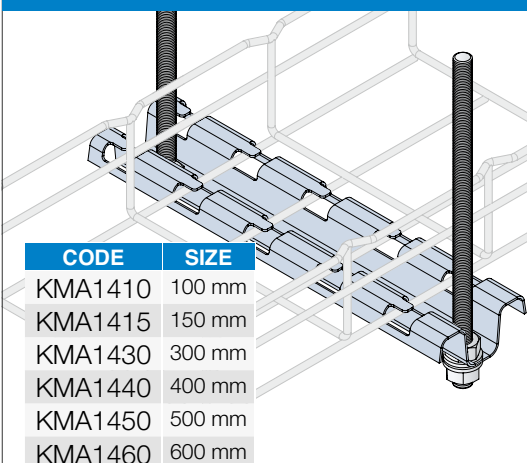
CODE: KMA19

Slotted Wall Bracket 100-600 mm Wide



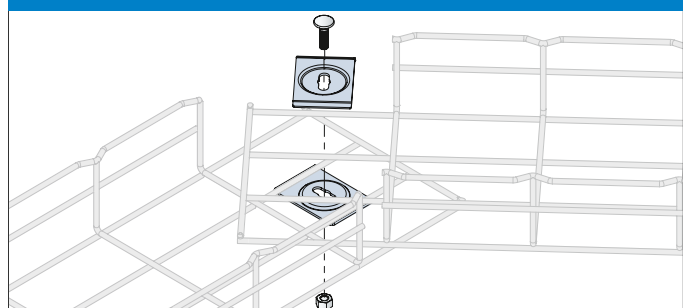
CODE: KMA09

Trapeze Bracket 100-600 mm Wide



CODE: KMA14

Horizontal Adjustment Hold Down Plate

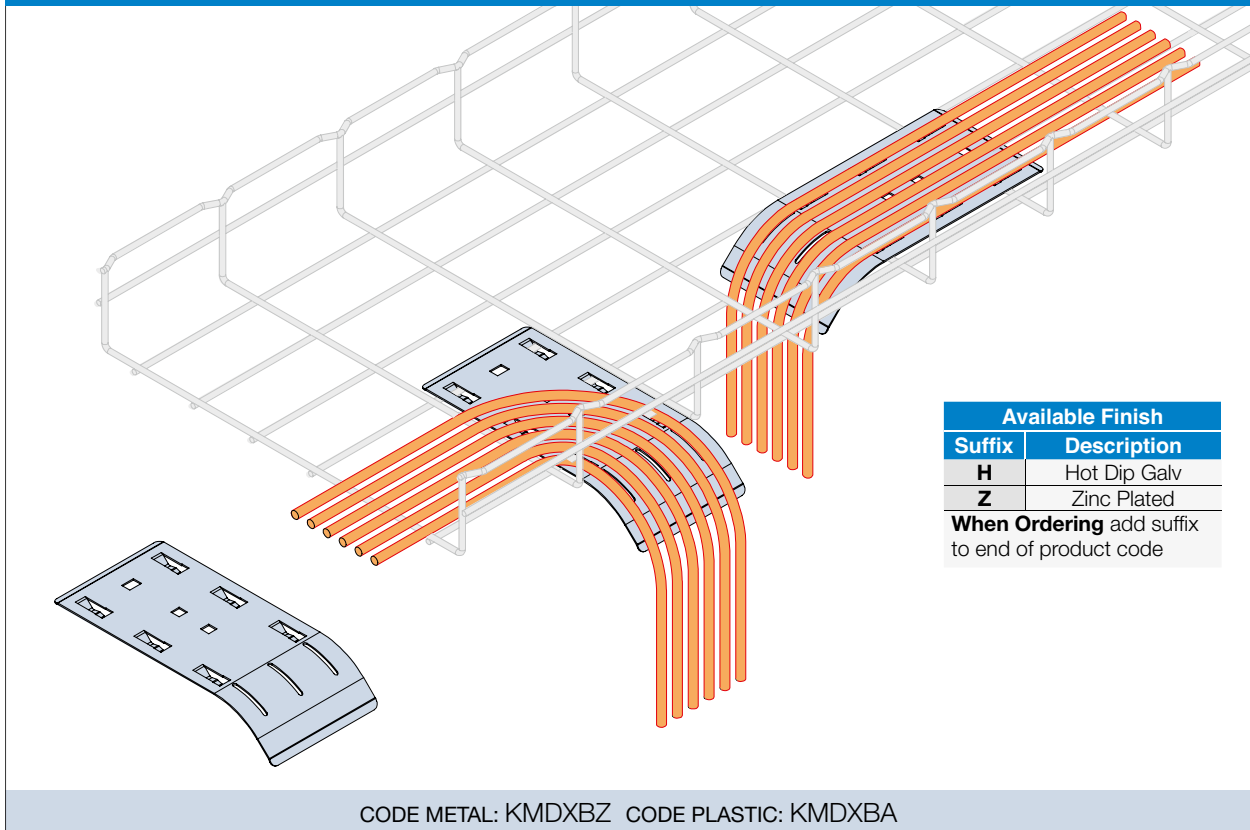


CODE: KMLDA

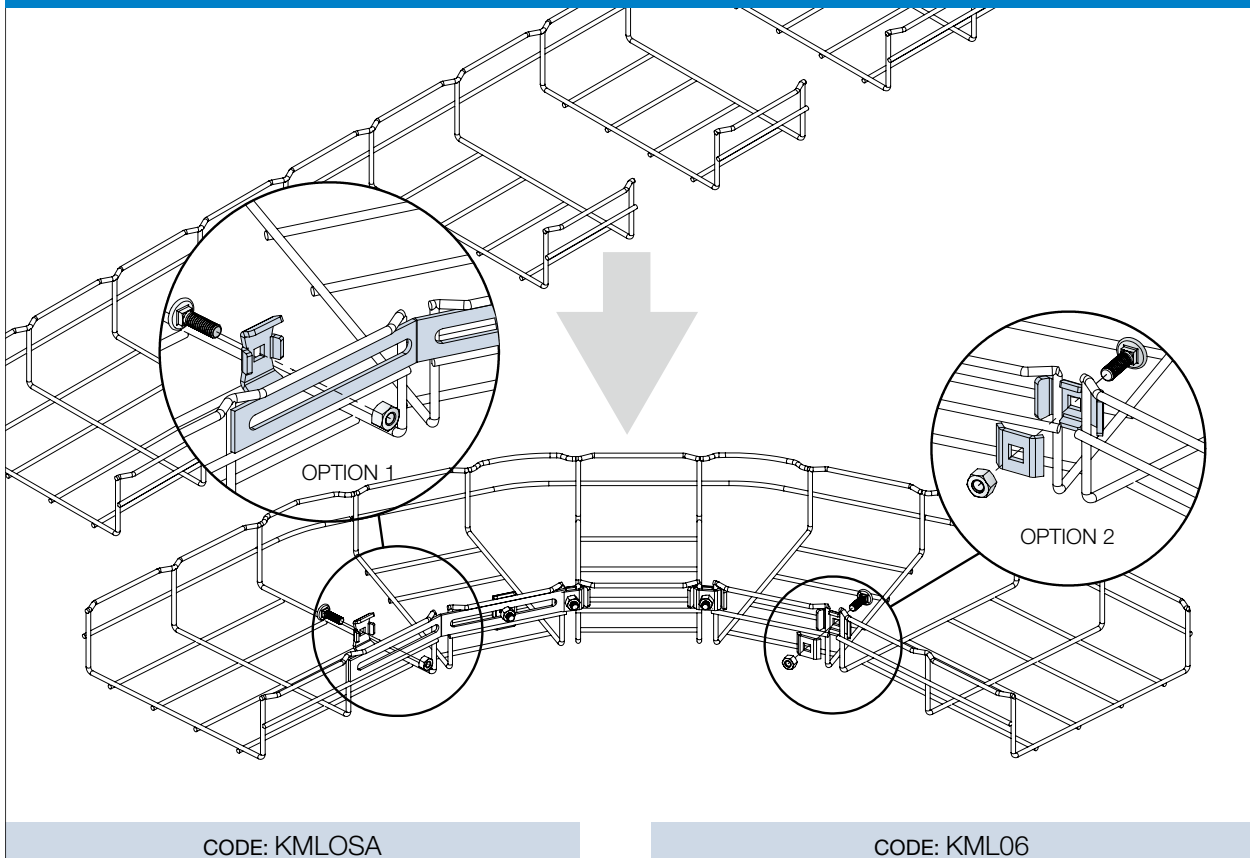
E.&O.E.

Cable Mesh Tray Accessories & Connectors

Cable Drop Out – Metal Or Plastic



90° Long Radius Bend

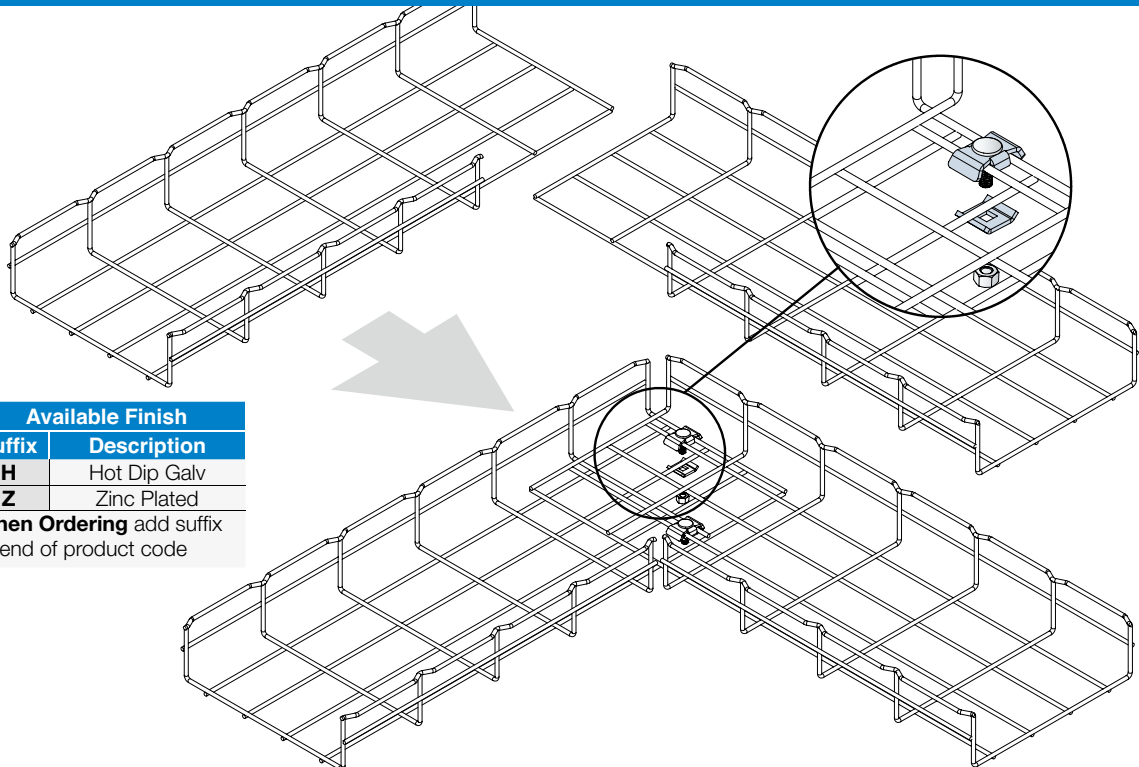


E.&O.E.

Cable Mesh Tray Assembly Instruction

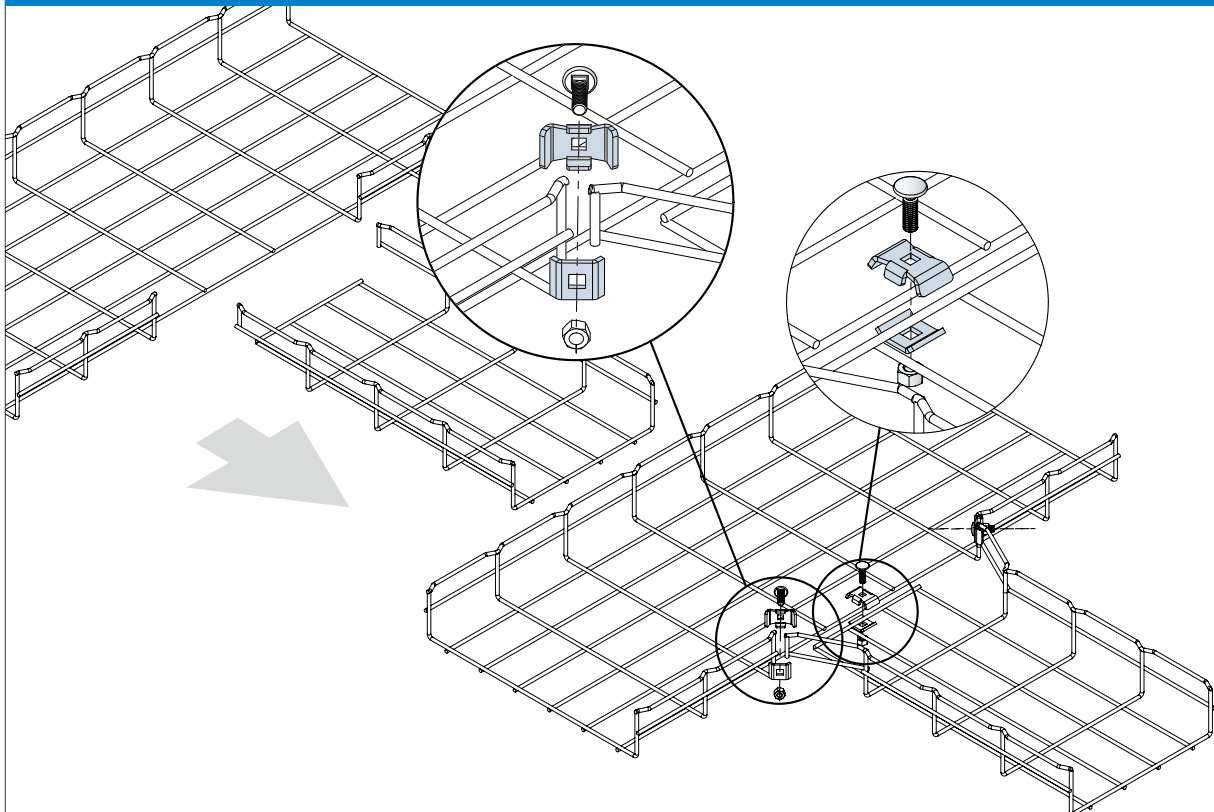
90° Short Radius Bend

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



CODE: KML06

Tee

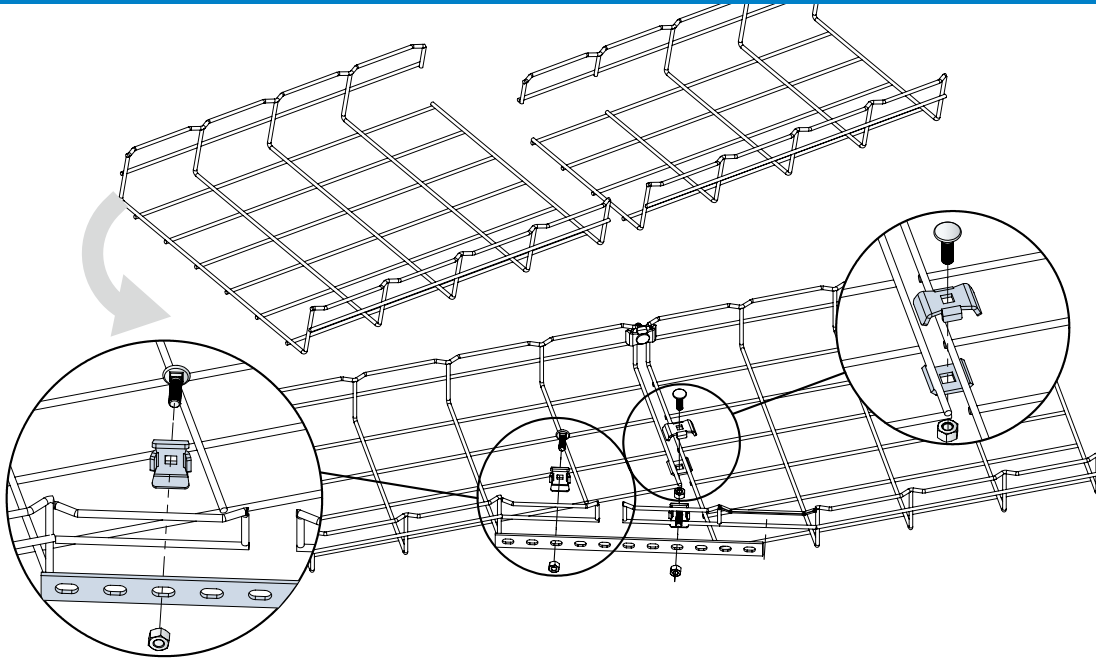


CODE: KML06

E.&O.E.

Cable Mesh Tray Assembly Instruction

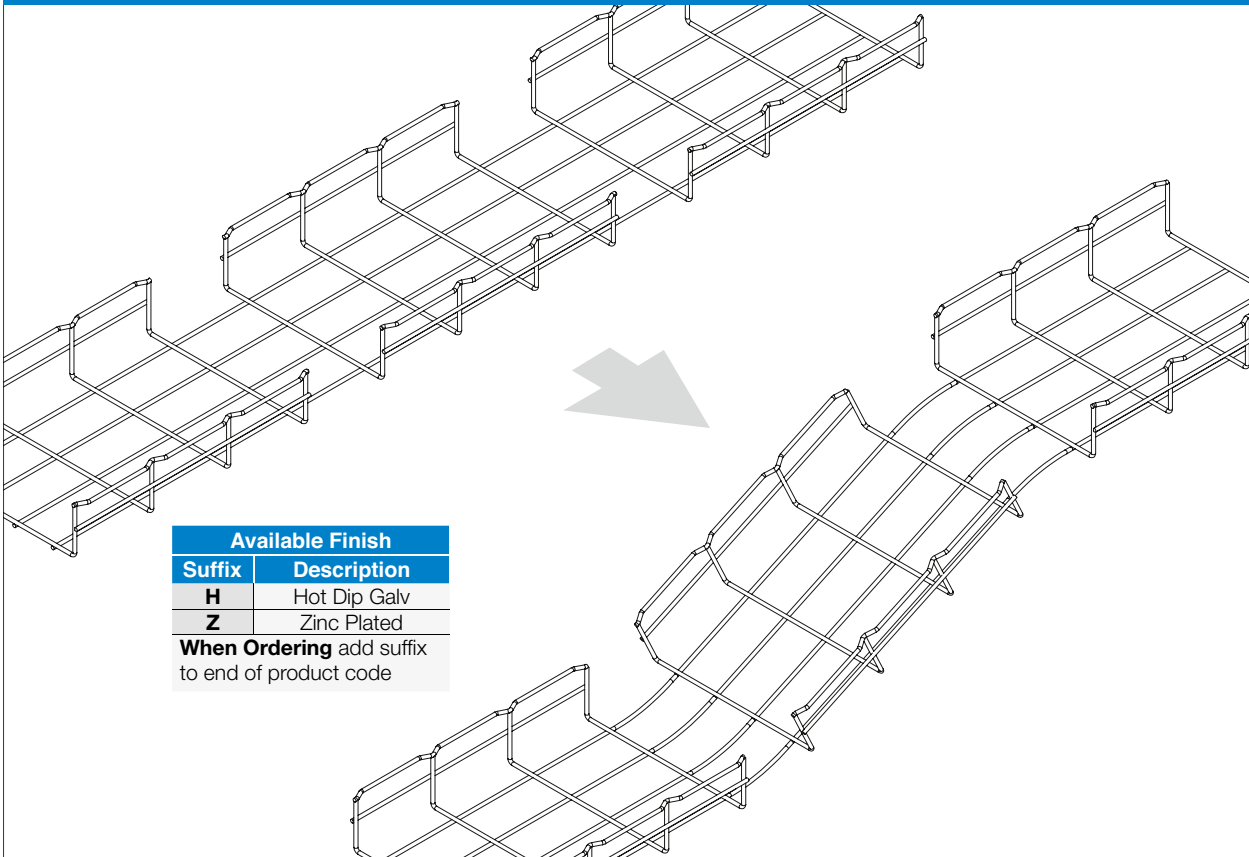
Reducer



CODE: KML10

CODE: KML06

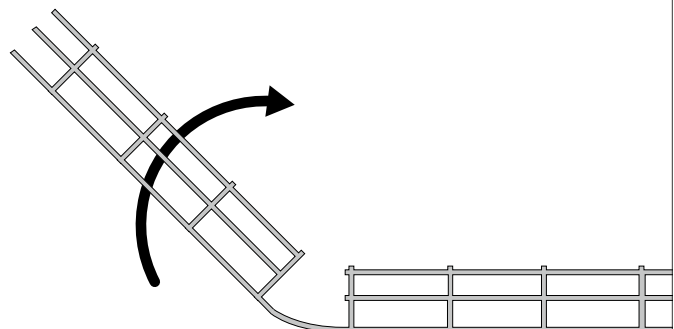
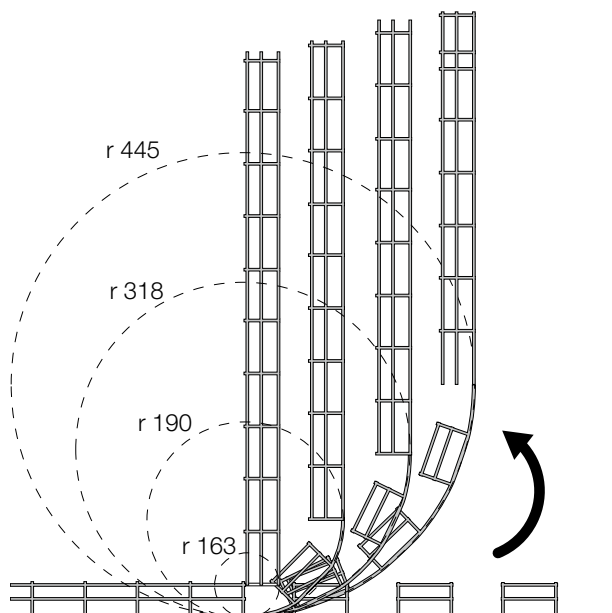
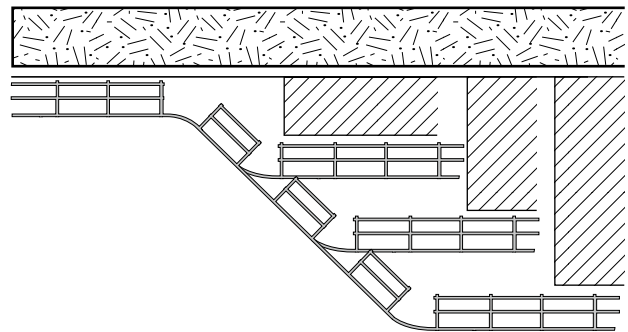
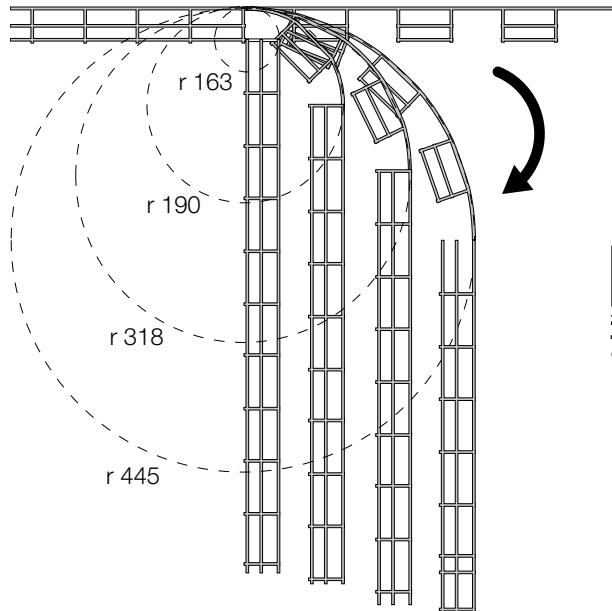
Vertical Inside & Outside Bend



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.

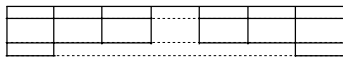
Always use nuts on the outside of trays.

E.&O.E.

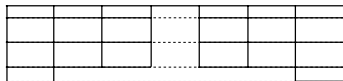
Cable Mesh Tray Assembly Instruction

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.

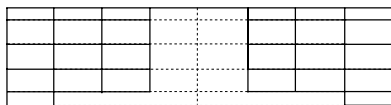
90° Bends – Short Radius



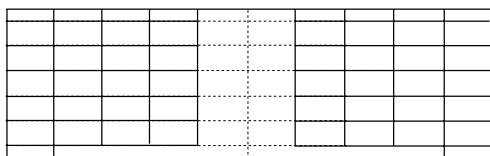
WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm	FIXINGS PER BEND
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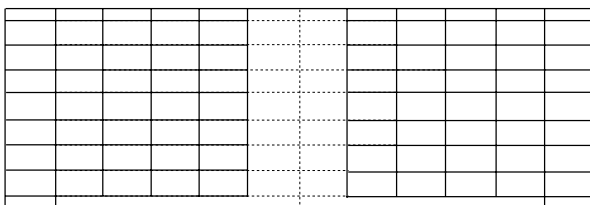
WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm	FIXINGS PER BEND
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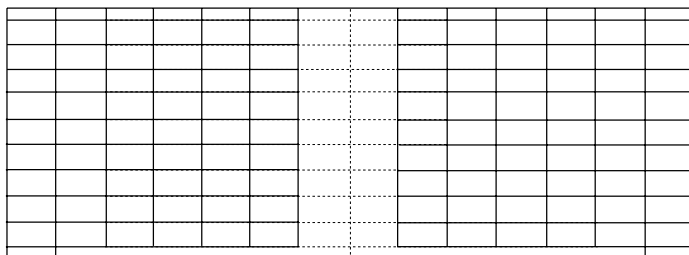
WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm	FIXINGS PER BEND
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WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm	FIXINGS PER BEND
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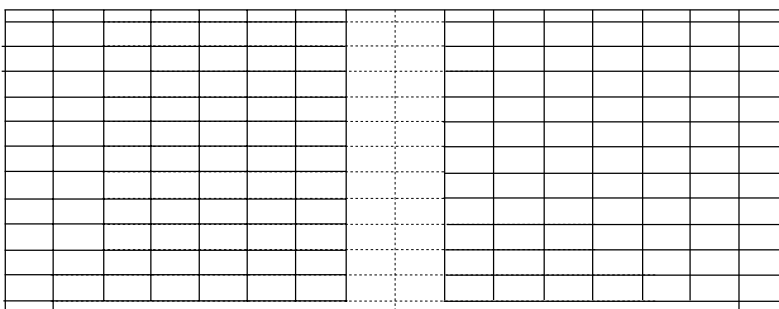


WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm	FIXINGS PER BEND
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WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm	FIXINGS PER BEND
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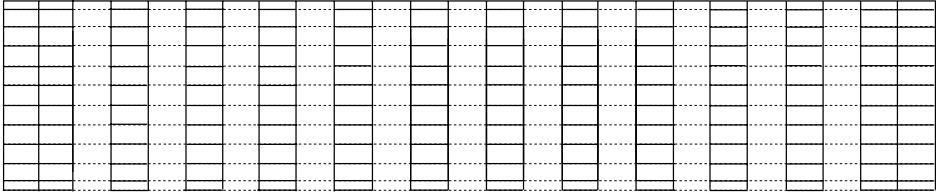
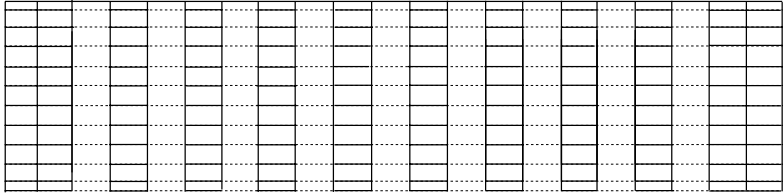
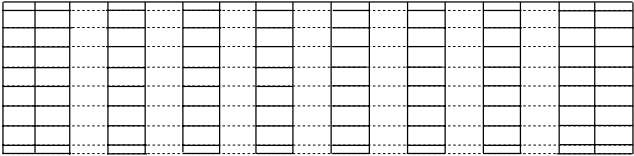
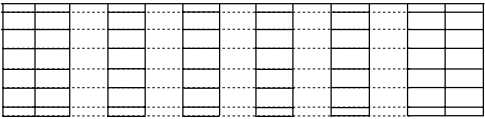
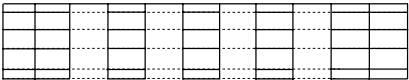


WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm	FIXINGS PER BEND
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Cable Mesh Tray Assembly Instruction

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
---------------	-----------------------	---------------------

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

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

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

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

WIDTH OF TRAY	INTERNAL RADIUS mm	SIZE L x L mm
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E.&O.E.

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Page 2:29

CABLE TRAY
Cable Mesh Tray
Assembly Instruction

Fire Rated Ladder Tray System – AS/NZS 3013:2005

General Description

The Kounis Metal Industries' Fire Rated and Patented Ladder Tray Systems are the most cost effective and versatile systems on the market today. Invented and developed after extensive in-house and laboratory testing by qualified engineers, the systems fully comply with Standards Australia AS/NZS 3013:2005, Appendix C, Classification WS5X – 2 hour fire rating up to 1050 degrees Celsius.

The systems offer a superior 25-50% higher loading rate compared to other fire rated products on the market today. Importantly the Kounis Fire Rated Systems can be installed in tight ceiling spaces where other products on the market will simply not fit.

The foundation of the fire rated systems is the superior, robustly engineered standard Kounis Ladder Tray with its unique, extra ribbed design that is specifically intended to offer a strong point load with less cross sectional deflection which cannot be offered by any other supplier. In addition, the ladder tray is supplied with custom designed stringers which are fastened to the tray to provide extra strength and decrease longitudinal deflection.

The invention offers the advantage of normal installation for continuous non-fire rated runs using the standard Kounis Ladder Tray Systems and can be retro fitted with the patented support system where fire rating is required. This reduces the requirement for special, expensive, single purpose products that are not transferable to the next installation where fire rated support systems may not be specified.

System options are:

KT3 Ladder Tray System

- 3 m length
- 50 mm high sided tray
- Uniform load rating 50 kg per metre
- Support span 1 metre

KT5 Ladder Tray System

- 3 m length
- 85 mm high sided tray
- Uniform load rating 75 kg per metre
- Support span 1 metre

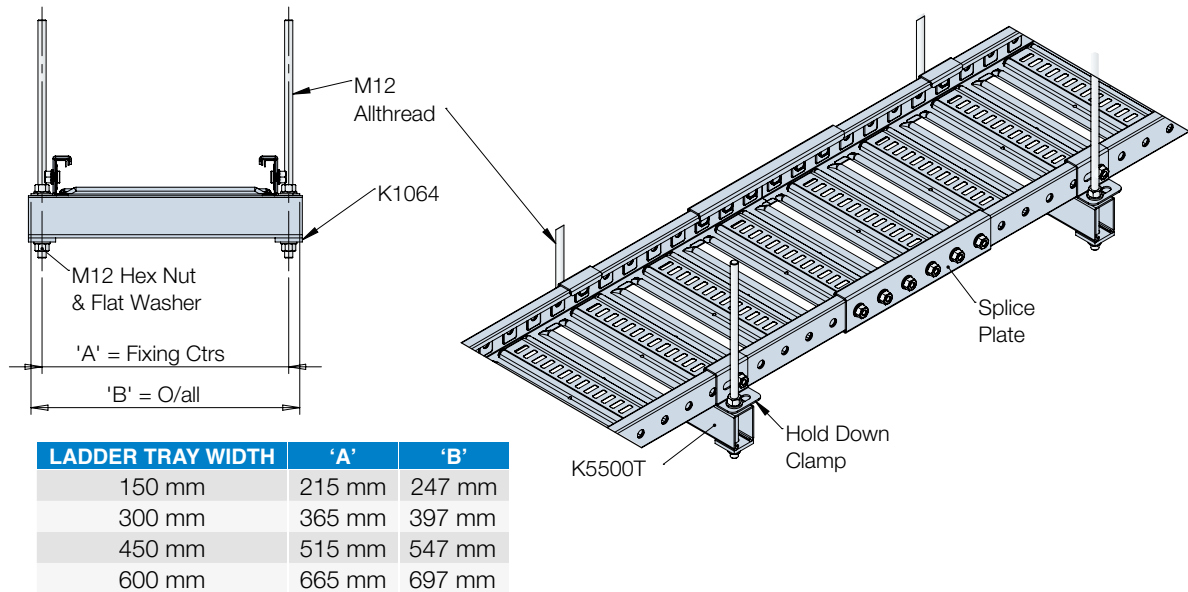
Both systems have fire rated splice plates and trapeze supports used in conjunction with 12 mm threaded rod.

- Must be used as a complete system to achieve fire rating.
- Ends of runs must be supported.

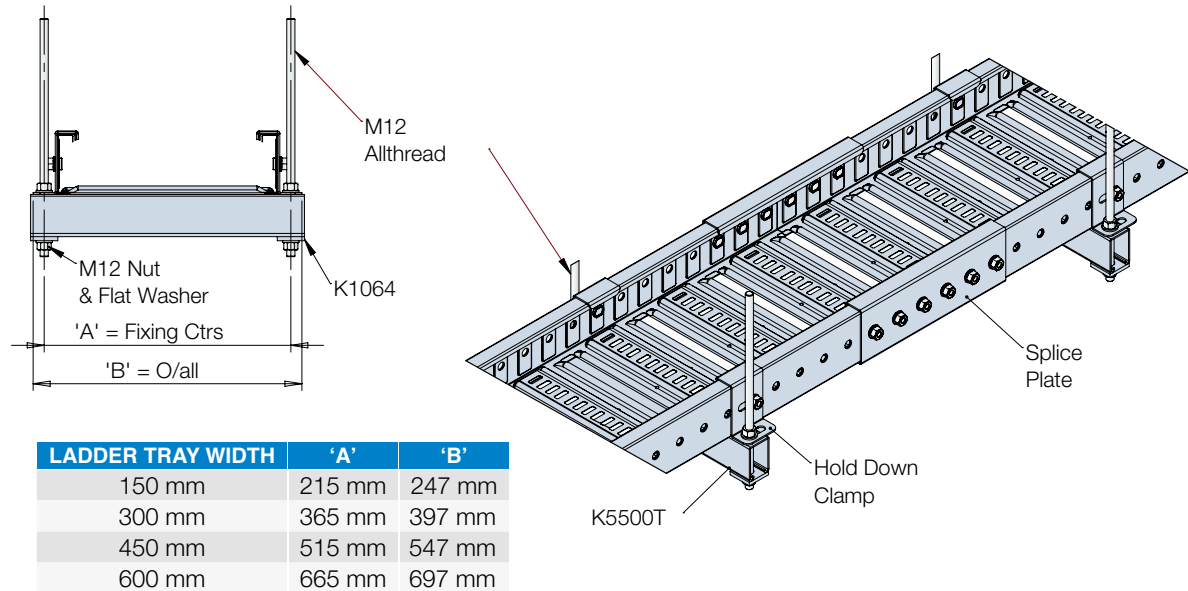
E.&O.E.

Fire Rated Ladder Tray System – AS/NZS 3013:2005

Fire Rated Ladder Tray KT3



Fire Rated Ladder Tray KT5



When Ordering

Range	Type	Size	Finish
KTFR	3	15	G
KTFR = Ladder Tray Fire Rated	3 = 50 mm High Side	15 = 150 mm 30 = 300 mm 45 = 450 mm 60 = 600 mm SP = Splice Plate HDC = Hold Down Clamp	G = Galvabond H = Hot Dip Galv

Ordering example shown is Ladder Tray Fire Rated 50 mm High Side 150 mm Wide Galvabond

Notes