

# IMPRES

COMPLETE CABLE & PIPE SUPPORT SYSTEMS



Industrial Mechanical Plumbing Refrigeration Electrical Support

Dear Customer,

Allow us to formally introduce ourselves and our services to you.

Our company is made up of staff with decades of experience in servicing and supplying the commercial and industrial sectors with the highest standards of product and service in cable and pipe management system.

**IMPRES** is the only cable and pipe support supplier who is a **NECA** member, therefore being deemed a supporting member of the construction industry.

We look forward to making contact shortly although we welcome the opportunity to Impres with superior levels of service and expertise via the provided contact details.

Our mission is to build the business on loyalty and service and become your first choice for the supply of Cable and Pipe support systems.

Our aim - to leave you impressed.

- Impres Management





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## CHANNEL ACCESSORIES

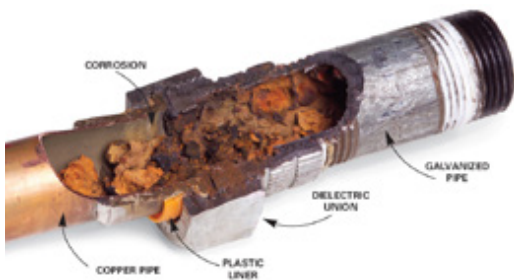
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## NUTS AND BOLTS

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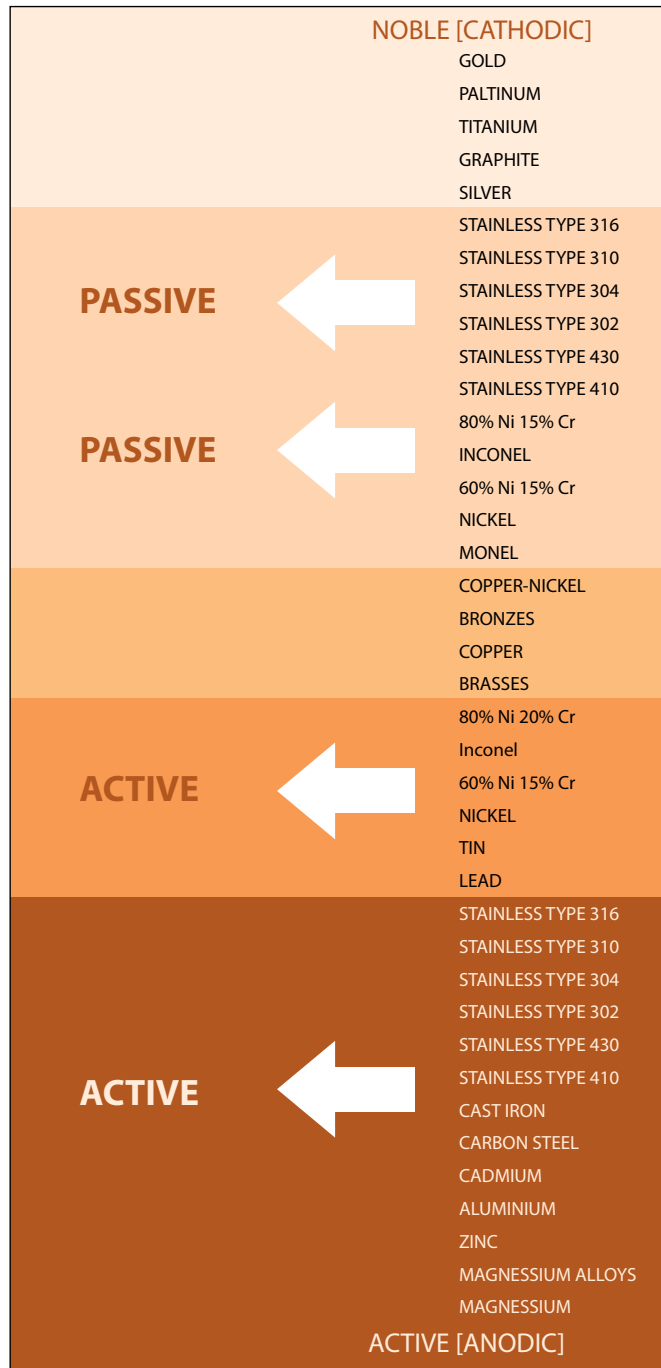
### GALVANIC CORROSION CHART

**Galvanic corrosion is an electrochemical process in which one metal corrodes preferentially to another when both metals are in electrical contact**



All metals have specific relative electrical potential. When metals of different electrical potential are in contact in the presence of moisture, a low energy electric current flows from the metal having the higher position in the galvanic series. This is called "galvanic action." Galvanic corrosion is a form of electrochemical corrosion that occurs when two dissimilar metals come together in the presence of an electrolyte to form an electrical couple, known as a galvanic couple. The more noble or cathodic the metal, the less likely it will corrode relative to the other metal it is in contact with. It should be noted that mill scale is cathodic to steel and an electrical current can easily be produced between mill scale and the steel. Weld metal may also be anodic to the base metal, creating a corrosion cell when immersed. Additionally, a depletion of oxygen in crevices of a metal can cause the area to become anodic to the metal outside the crevice which is exposed to oxygen.

In building systems, the electrolyte is usually ordinary moisture, whether rainwater or high atmospheric humidity. When two metals form an electrical couple, an exchange of electrons takes place, its direction and intensity governed by each metal's ranking in the galvanic series. The farther apart the two metals are on the galvanic series, the greater the potential for corrosion. Galvanic corrosion potential is a measure of how dissimilar metals will corrode when placed against each other in an assembly. Metals close to one another on the chart generally do not have a strong effect



on one another, but the farther apart any two metals are separated, the stronger the corroding effect on the one higher in the list. The list on this slide represents the potential available to promote a corrosive reaction, however, the actual corrosion in each application is difficult to predict. Typically, the presence of an electrolyte (i.e. water) is necessary to promote galvanic corrosion.




# TECHNICAL INFORMATION

## GALVANIC CORROSION

### GALVANIC CORROSION CHART

Below is a chart of galvanic corrosion potential between common construction metals. When dissimilar metals are used together in the presence of an electrolyte, separate them with a dielectric material such as insulation, paint or similar surface coating

Galvanic Corrosion Potential Between Common Construction Metals									
	Aluminium	Brass	Bronze	Copper	Galvanized Steel	Iron Steel	Lead	Stainless Steel	Zinc
Aluminium	N/A								
Copper				N/A					
Galvanized Steel					N/A				
Lead							N/A		
Stainless Steel [Active]								N/A	
Zinc									N/A

Legend:	
Galvanic Action WILL occur	
Galvanic Action MAY occur	
Galvanic Action is INSIGNIFICANT	

Below is a chart of guidelines for selection of fasteners based on potential galvanic action

Guidelines For Selection Of Fasteners Based On Potential Galvanic Action							
Fastener Metal							
Base Metal	Zinc and Galvanised Steel	Aluminium and Aluminium Alloys	Steel and Cast Iron	Lead Tin Plated Sheets	Brasses, Copper, Bronzes, Monel	Ferretic Stainless Steel [Type 410]	Austenetic Stainless Steel [Type 300]
Zinc and Galvanised Steel	1	2	2	0	3	3	3
Aluminium and Aluminium Alloys	1	1	2	0	3	NOT RECOMMENDED	2
Steel and Cast Iron	1 4	1	1	0	3	3	2
Lead Tin Plated Sheets	1 4 5	1 5	1 5	0	3	3	2
Brasses, Copper, Bronzes, Monel	1 4 5	1 5	1 5	0	1	1	2
Ferretic Stainless Steel [Type 410]	1 4 5	1 5	1 5	0	1	1	1
Austenetic Stainless Steel [Type 300]	1 4 5	1 5	1 5	0	1 5	1	1

Legend:
1 The corrosion of the base metal is NOT increased by the fastener.
2 The corrosion of the base metal is marginally increased by the fastener.
3 The corrosion of the base metal MAY BE markedly INCREASED by the fastener material.
4 The plating on the fastener is RAPIDLY CONSUMED, leaving the bare fastener metal.
5 The corrosion of the fastener is INCREASED by the base metal.

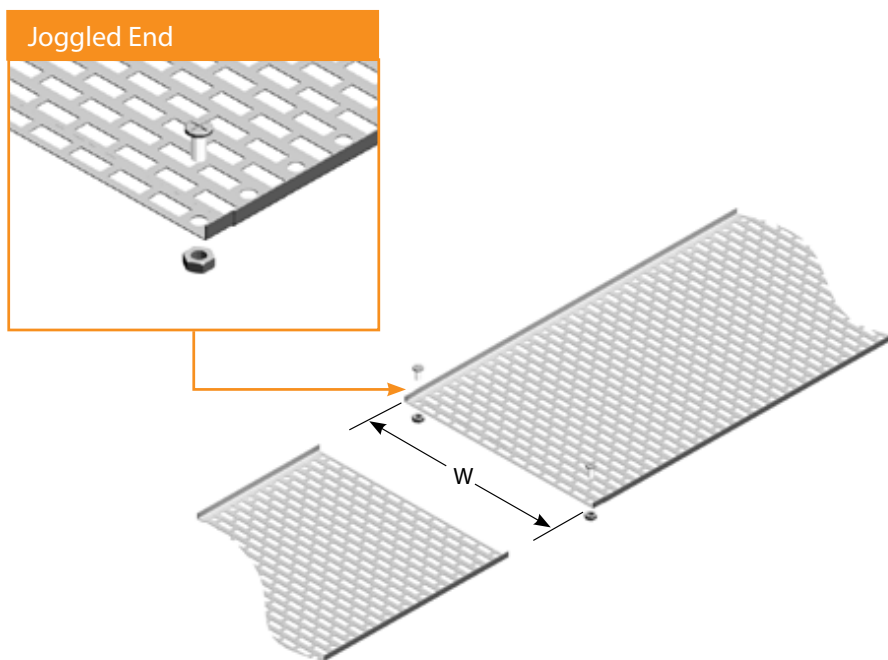
# TRAY SYSTEMS

## APT TRAYS

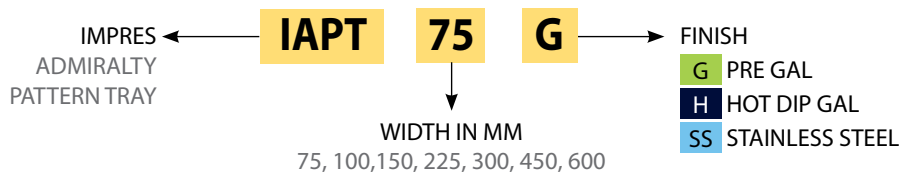
The IMPRES APT Tray has been designed and developed as an economical option for general purpose applications.

The Features of the APT tray are listed below:

- APT trays are available in Pre Galvanised finish for internal applications and in Hot Dip Galvanised for external applications.
- Ends are joggled for self splicing.
- Slots are 8mm punched to accept cable ties.
- Reverse punched to ensure burr free surface therefore minimising cable damage.
- Pre-punched holes suitable for nylon fixings.



## APT TRAY ORDERING CODE





### ALUMINIUM

Impres Aluminium 6063 alloys are high extrudability alloys with capability to achieve T6 minimum properties with appropriate extrusion and press quenching conditions. The compositions of Rio Tinto Aluminium 6063 alloys meet both International and Australian Aluminium Council specifications for 6063 alloy.



### PRE-GALVANISED (G)

All IMPRES Pre-Galvanised Products confirm to the AS/NZ 1397-2011

Impres currently uses Z275 Coils to manufacture all Pre Galvanised products. This means that there is 275 grams of Zinc per square meter and the time taken to rust is 50% less than a Z125



### HOT DIP GALVANISED (HDG)

All IMPRES HDG products confirm to the AS/NZ 4680 standards.

The hot dip galvanising process produces a durable coating of metallic zinc and zinc iron alloys bonded metallurgically to the parent (base) metal. The sacrificial zinc coating ensures that a small area of the base metal exposed through abrasion or impact is protected from corrosion by the surrounding galvanising. During the process the entire surface of the item is coated and may include internal areas difficult to protect by other means. After removal from the bath of molten zinc, the coated steel is usually quenched in water or water containing a small quantity of sodium dichromate.



### STAINLESS STEEL

All IMPRES stainless steel product range is SS316. SS304 and other grades can be obtained on request

SS316 is also known as Marine Grade Stainless Steel contains 2-3% of Molybdenum which improves the corrosion resistance to Chlorides.



### ZINC

The normal zinc-plated coating is dull gray in color with a matte finish, although whiter, more lustrous coatings can be produced, depending on the process or agents added to the plating bath or through post-treatments. The coating is thin, ranging up to 1 mil (25 µm), restricting zinc-plated parts to very mild (indoor) exposures. The coating finds application in screws and other light fasteners, light switchplates and other small parts. Materials for use in moderate or severe applications must be chromate conversion coated. The coating is entirely pure zinc, which has a hardness about one-third to one-half that of most steels.



### FIBREGLASS

Fiberglass (or fibreglass) is a type of fiber reinforced plastic where the reinforcement fiber is specifically glass fiber. The glass fiber may be randomly arranged, flattened into a sheet (called a chopped strand mat), or woven into a fabric. The plastic matrix may be a thermosetting plastic – most often epoxy, polyester resin – or vinylester, or a thermoplastic.

The glass fibers are made of various types of glass depending upon the fiberglass use. These glasses all contain silica or silicate, with varying amounts of oxides of calcium, magnesium, and sometimes boron. To be used in fiberglass, glass fibers have to be made with very low levels of defects.

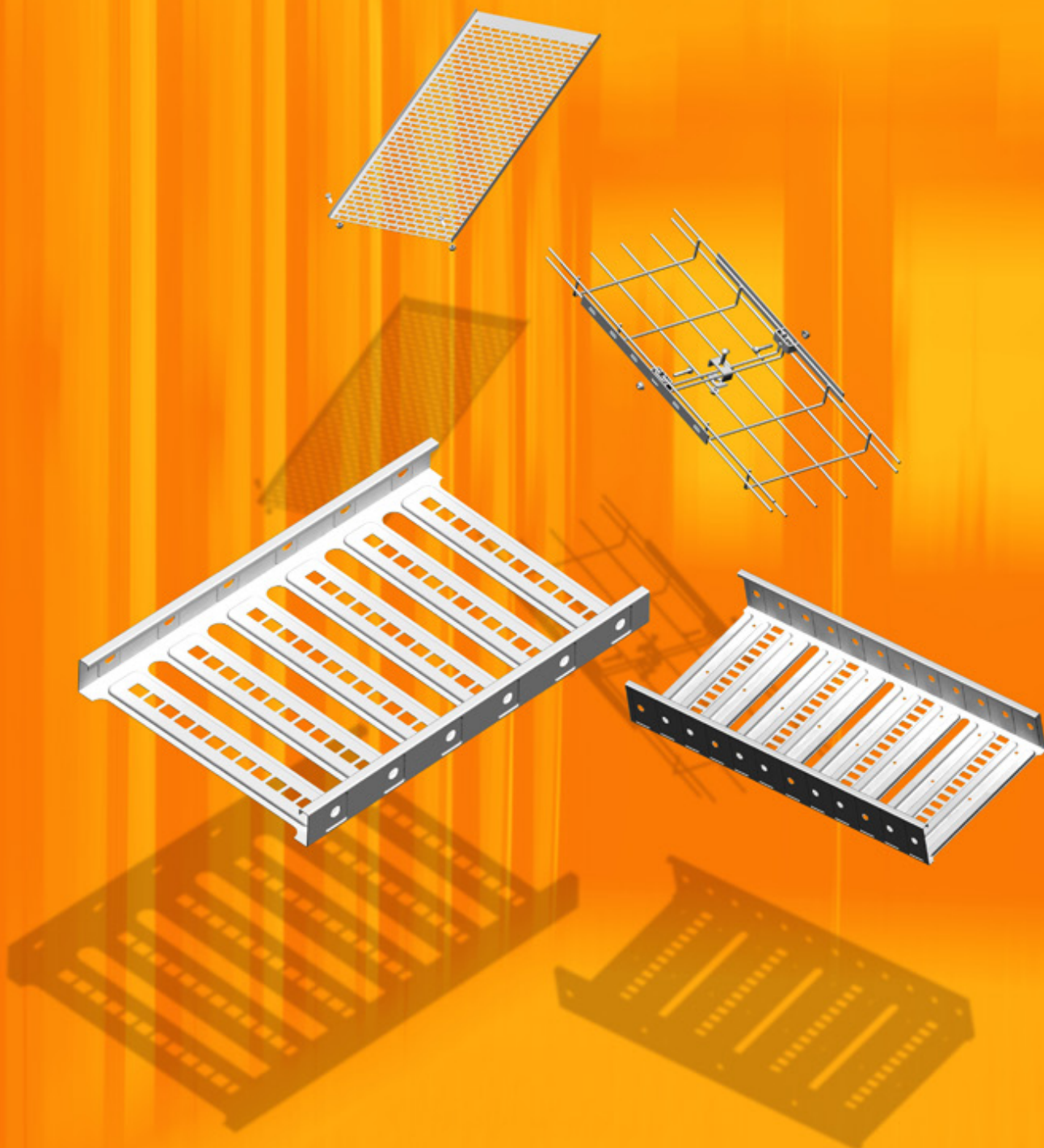
Fiberglass is a strong lightweight material and is used for many products



### PVC

PVC is a thermoplastic made of 57% chlorine (derived from industrial grade salt) and 43% carbon (derived predominantly from oil / gas via ethylene). It is less dependent than other polymers on crude oil or natural gas, which are nonrenewable, and hence can be regarded as a natural resource saving plastic, in contrast to plastics such as PE, PP, PET and PS, which are totally dependent on oil or gas. This chlorine gives to PVC excellent fire resistance.

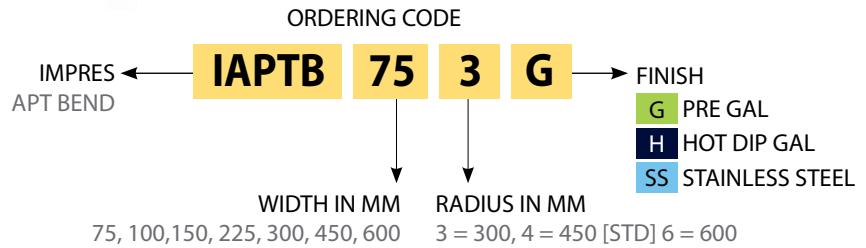
# TRAY SYSTEMS



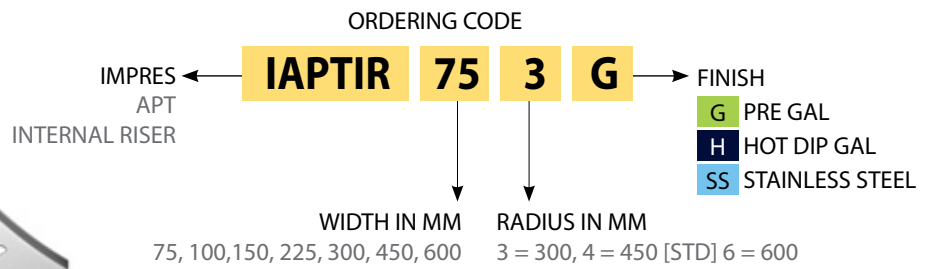
# TRAY SYSTEMS

## APT TRAY ACCESSORIES

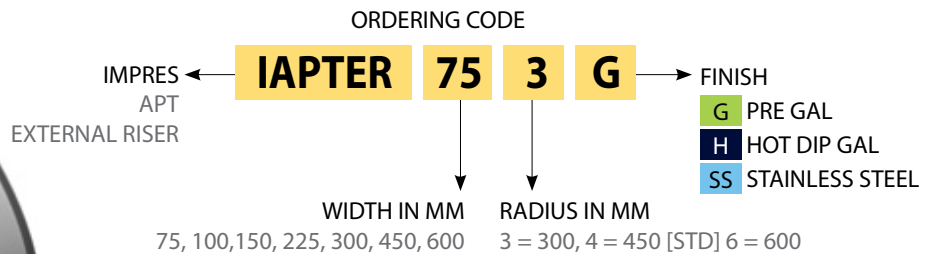
### APT BEND 90°



### APT INTERNAL RISER



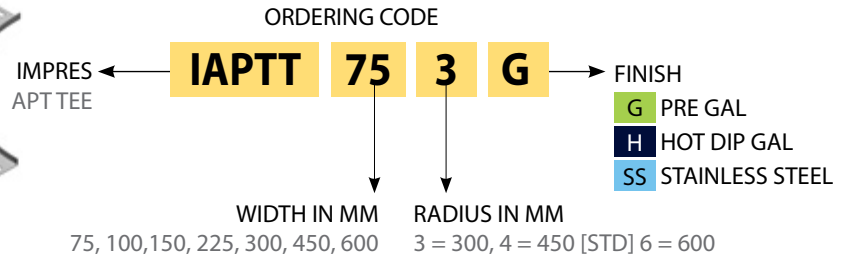
### APT EXTERNAL RISER



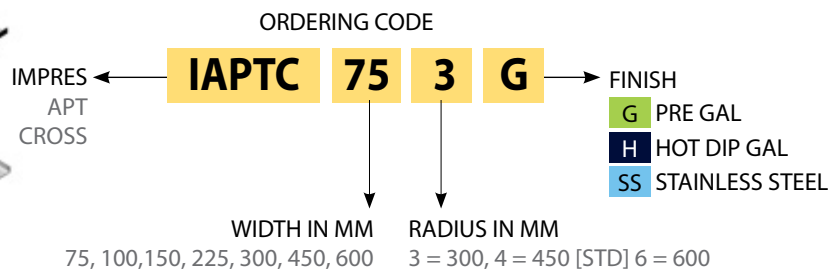
# TRAY SYSTEMS

## APT TRAY ACCESSORIES

### APT TEE

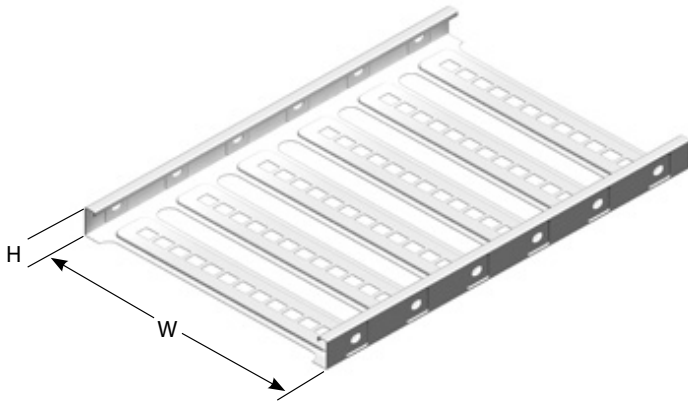


### APT CROSS



# TRAY SYSTEMS

## ECO TRAYS

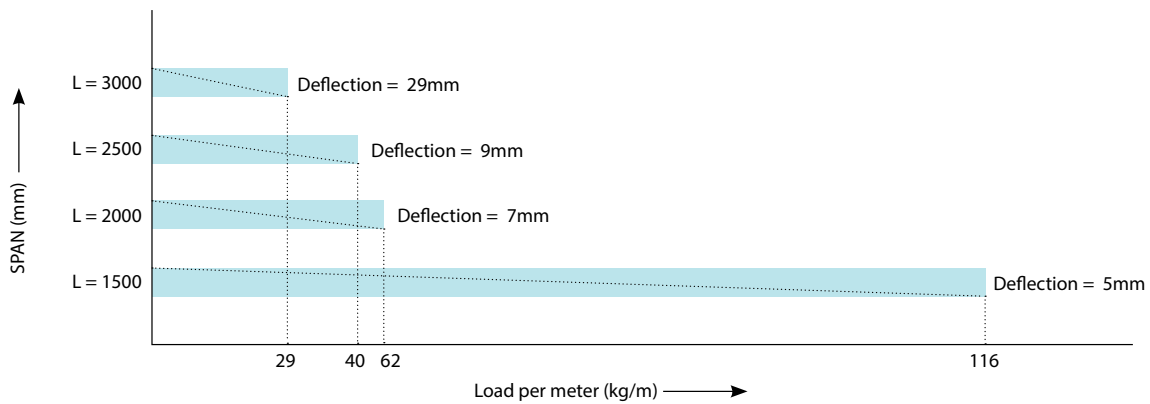


Overall Height (H)= 45mm Cable Laying Depth = 38mm

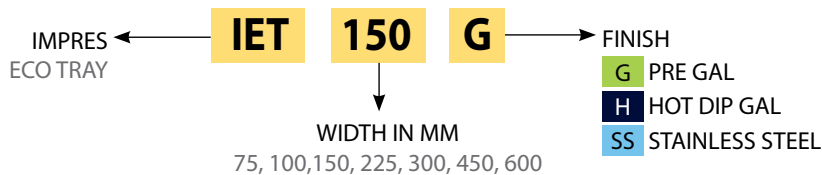
ECO Tray is the economical version of Cable Tray where the standard size of 150/300/450 and 600 measure the same. The side height of this tray is 45mm and carries almost the same load as other equivalent trays. The reduced width and height makes this tray lighter and easier to install. The ECO tray has its own set of accessories.

ECO Tray has been tested in accordance to NEMA standards and the load ratings certified by NATA accredited testing facility.

## LOAD RATING AND DEFLECTION



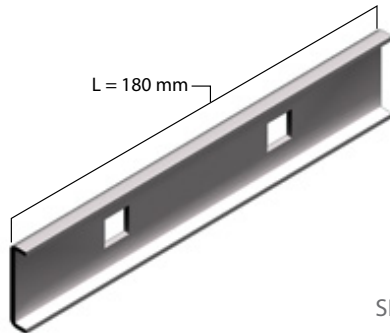
## ECO TRAY ORDERING CODE



# TRAY SYSTEMS

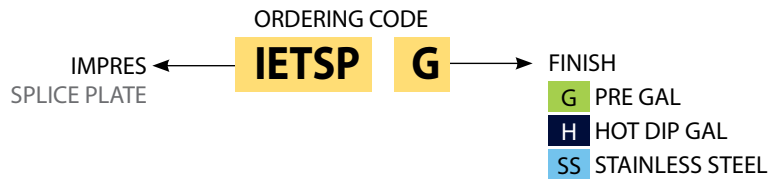
## ECO TRAYS - ACCESSORIES

### SPLICE PLATE

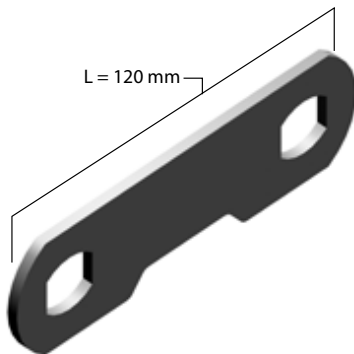


**Note:** Order separately for installation (per splice plate)

2 Splices required per length of the tray.  
Each Splice Plate requires 2 X ILTFKZ



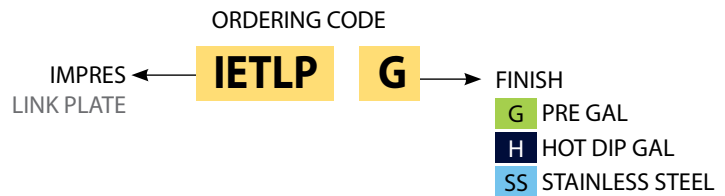
### LINK PLATE



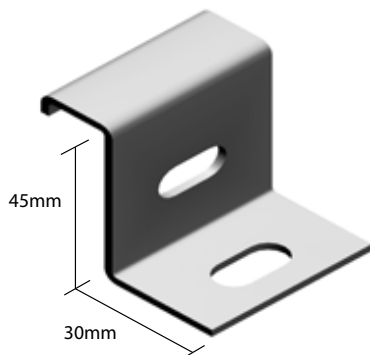
**Note:** Order Fasteners separately for installation ( per Riser Link)

6 Riser Links are required to perform a 90 degree set.

Each Riser Link requires 2 X ILTFKZ

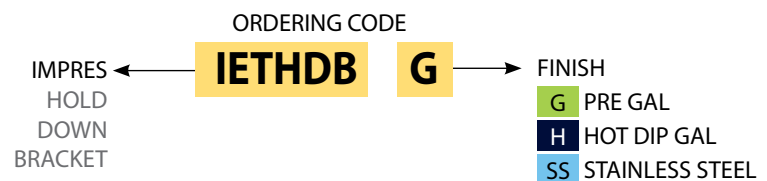


### HOLD DOWN BRACKET



**Note:** Order fasteners separately for installation

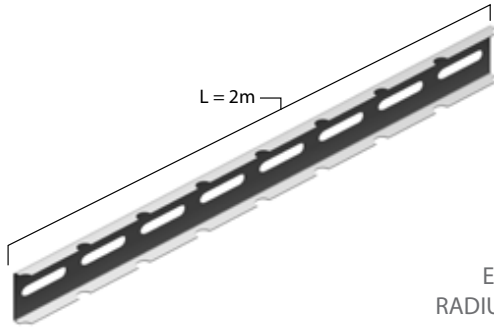
Each IET HDB requires 1 X IHHP1025 and 1 X I3008



# TRAY SYSTEMS

## ECO TRAYS - ACCESSORIES

### ECO TRAY RADIUS PLATE



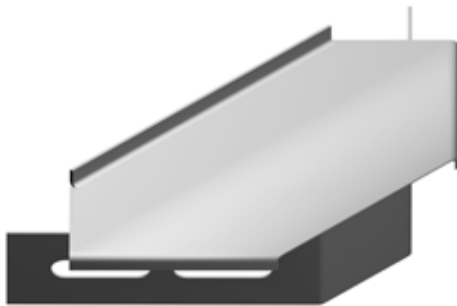
Tray Size	IET 150	IET 300	IET 450/600
Length Req	0.7M	1.2M	1.4M
Fasteners Req	6	8	10

ORDERING CODE

IMPRES ECO TRAY RADIUS PLATE → **IETRP** **G** → FINISH

- G** PRE GAL
- H** HOT DIP GAL
- SS** STAINLESS STEEL

### ECO TRAY TX BRACKET



**Note:** Order Fasteners separately for installation ( per TX Bracket)

2 TX Brackets required to make a Tee and 4 required to make a cross.

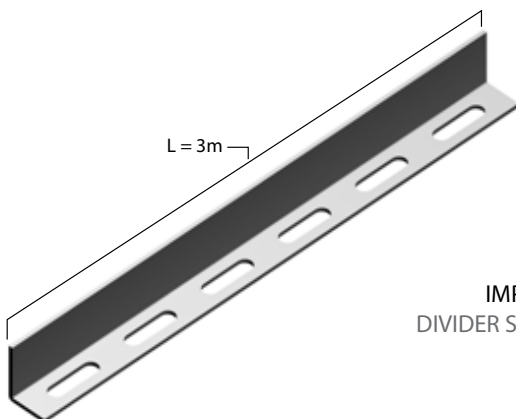
Each TX Bracket requires 4 X ILTFKZ.

ORDERING CODE

IMPRES ECO TRAY TX BRACKET → **IETTX** **G** → FINISH

- G** PRE GAL
- H** HOT DIP GAL
- SS** STAINLESS STEEL

### ECO TRAY DIVIDER STRIP



**Note:** Order Fasteners separately for installation

Each divider strip requires 3 X IHHB0620 and 3 X I3016

Standard Length: 3m

ORDERING CODE

IMPRES DIVIDER STRIP → **IETDS** **G** → FINISH

- G** PRE GAL
- H** HOT DIP GAL
- SS** STAINLESS STEEL

# TRAY SYSTEMS

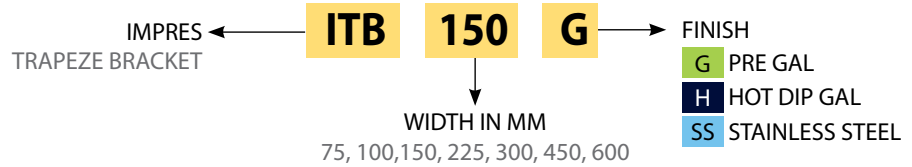
## ECO TRAYS - ACCESSORIES

### TRAPEZE BRACKET

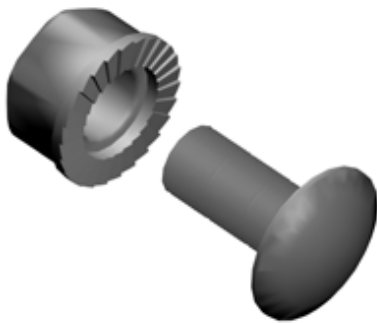


TRAPEZE BRACKETS are used to support the trays. These brackets come in cut sizes for all widths of trays. They are a good substitute to the traditional channels used and the pre cut slots enable the hold down brackets to easily connect to the tray.

#### ORDERING CODE



### ECO TRAY NUT & BOLT



**Note:** To order both items separately, please use the following order code  
Bolt: **ILT Bolt** and Nut: **ILT NUT**

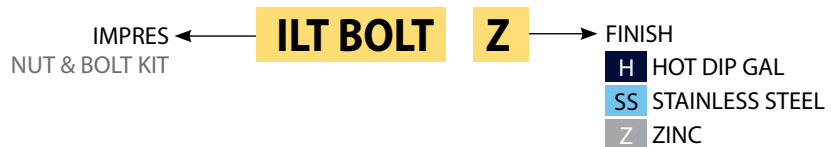
Specify **ILTFKH** when both parts are required.

IMPRES Splice Bolts have a smooth head to eliminate the risk of sheathing the metal during installation.

#### ORDERING CODE FOR NUT & BOLT KIT



#### ORDERING CODE FOR BOLT

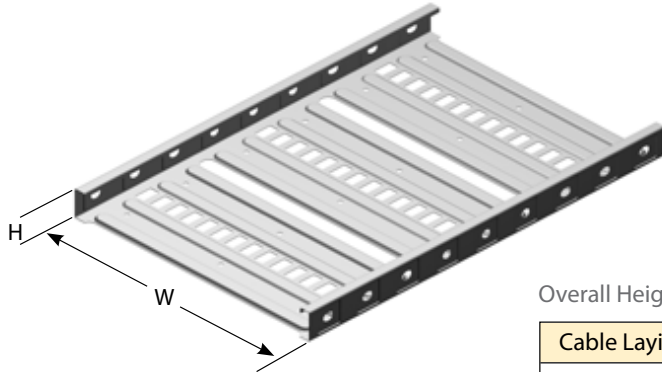


#### ORDERING CODE FOR NUT



# TRAY SYSTEMS

## LT3 TRAYS

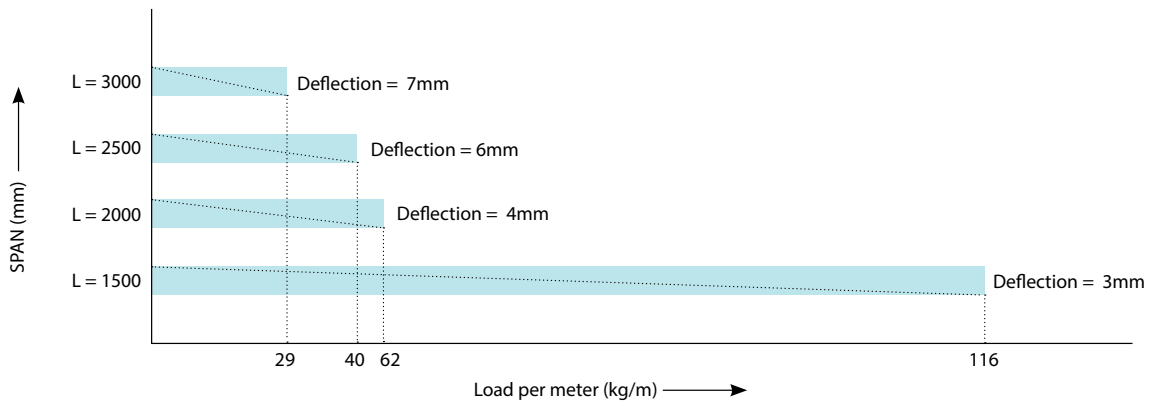


LT3 Tray has been tested in accordance to NEMA standards and the load ratings certified by NATA accredited testing facility.

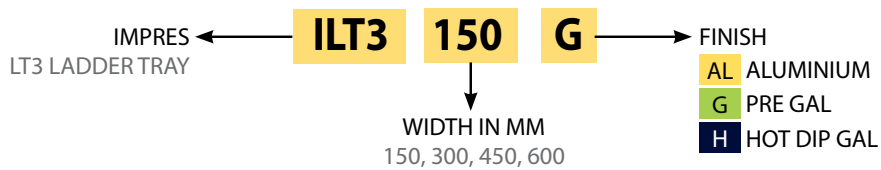
Overall Height (H) = 50mm Cable Laying Depth = 40mm

Cable Laying Width	Product Code	Overall Width (W)
150 mm	ILT3 150	172 mm
300 mm	ILT3 300	322 mm
450 mm	ILT3 450	472 mm
600 mm	ILT3 600	622 mm

## LOAD RATING AND DEFLECTION



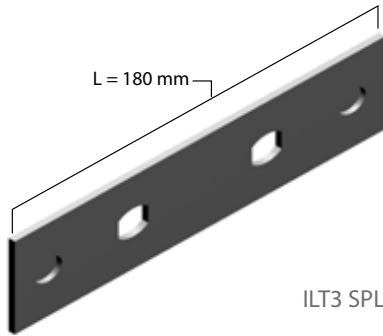
## LT3 TRAY ORDERING INFORMATION



# TRAY SYSTEMS

## ILT3 TRAYS - ACCESSORIES

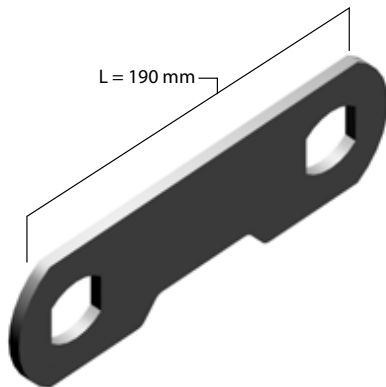
### ILT3 SPLICE PLATE



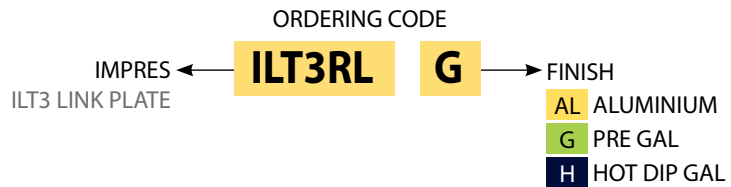
**Note:** Order separately for installation (per splice plate)  
2 Splices required per length of the tray.



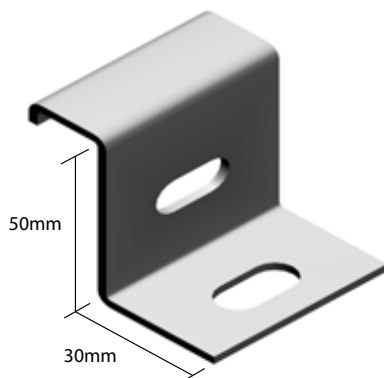
### ILT3 LINK PLATE



**Note:** Order Fasteners separately for installation ( per Riser Link)  
6 Riser Links are required to perform a 90 degree set.



### ILT3 HOLD DOWN BRACKET



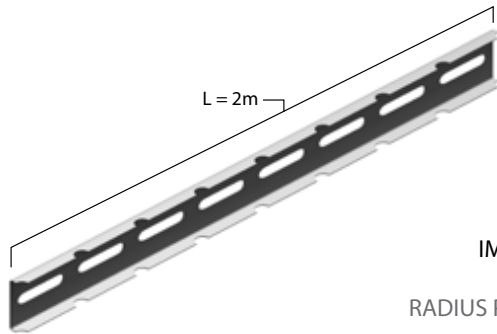
**Note:** Order fasteners separately for installation  
Each ILT3HDB requires 1 X HS01025 and 1 X I3008Z



# TRAY SYSTEMS

## ILT3 TRAYS - ACCESSORIES

### ILT3 TRAY RADIUS PLATE



ORDERING CODE

IMPRES ← **ILT3RP** **G** → FINISH

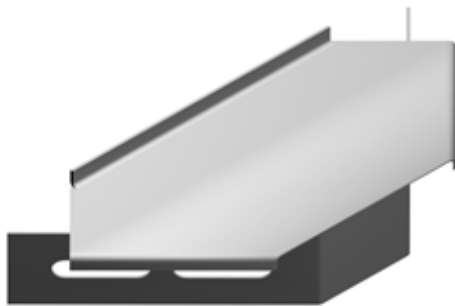
ILT3 RADIUS PLATE

- AL** ALUMINIUM
- G** PRE GAL
- H** HOT DIP GAL

**Note:** Order separately for installation (per splice plate)

2 Splices required per length of the tray.  
Each Splice Plate requires 2 X IETFKH

### ILT3 TRAY TX BRACKET



ORDERING CODE

IMPRES ← **ILT3TX** **G** → FINISH

ILT3 TX BRACKET

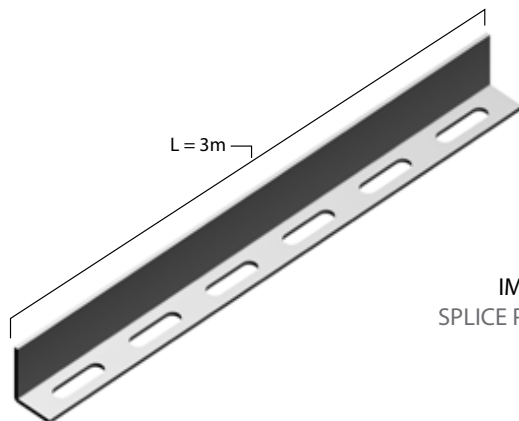
- AL** ALUMINIUM
- G** PRE GAL
- H** HOT DIP GAL

**Note:** Order Fasteners separately for installation ( per TX Bracket)

2 TX Brackets required to make a Tee  
and 4 required to make a cross.

Each TX Bracket requires 4 x ILT BOLT  
and 4 x ILT NUT

### ILT3 TRAY DIVIDER STRIP



ORDERING CODE

IMPRES ← **ILT3DS** **G** → FINISH

SPLICE PLATE

- AL** ALUMINIUM
- G** PRE GAL
- H** HOT DIP GAL

**Note:** Order Fasteners separately for installation

Standard Length: 3m  
Standard Finish: Galva bond

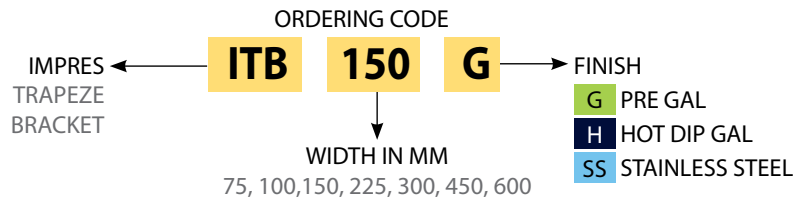
# TRAY SYSTEMS

## ILT3 TRAYS - ACCESSORIES

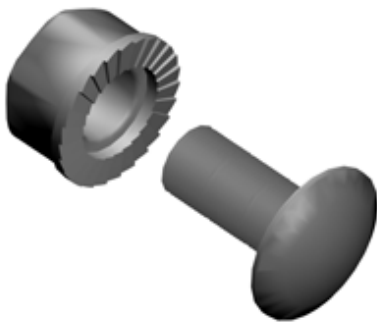
### ILT3 TRAY TRAPEZE BRACKET



TRAPEZE BRACKETS are used to support the trays. These brackets come in cut sizes for all widths of trays. They are a good substitute to the traditional channels used and the pre cut slots enable the hold down brackets to easily connect to the tray.



### ILT3 TRAY NUT & BOLT

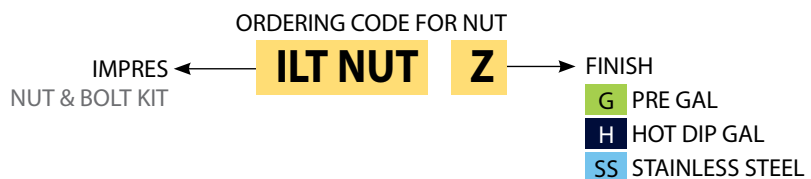
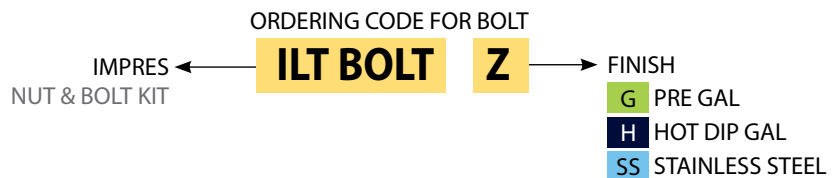
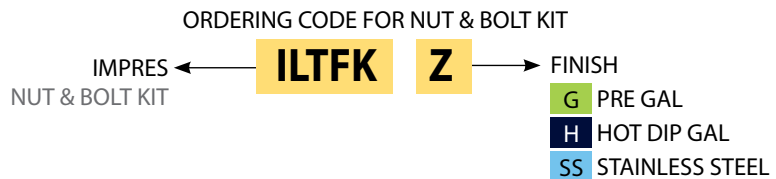


Note: To order both items separately, please use the following order code

Bolt: ILT Bolt and Nut: ILT NUT

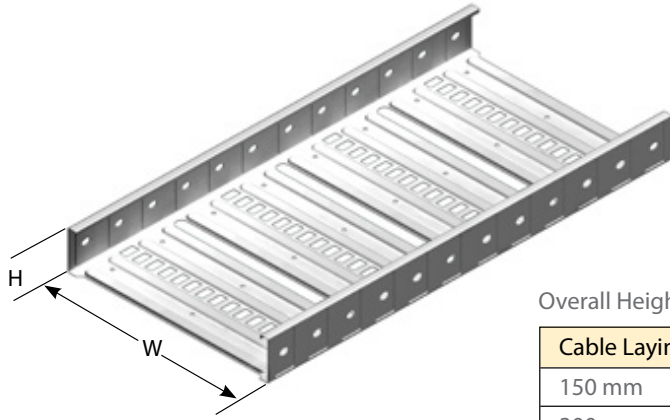
Specify ILTFKH when both parts are required.

IMPRES Splice Bolts have a smooth head to eliminate the risk of sheathing the metal during installation.



# TRAY SYSTEMS

## LT5 TRAYS

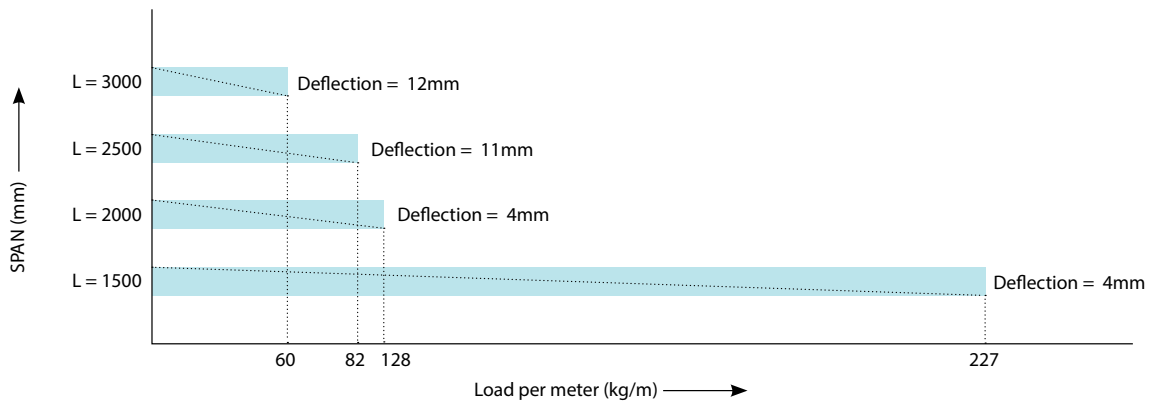


ILT5 has been tested in accordance to NEMA standards and the load ratings certified by NATA accredited testing facility.

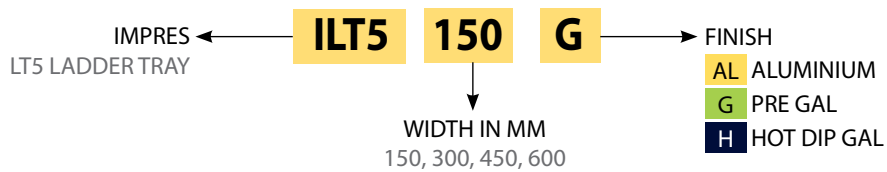
Overall Height (H)= 85mm Cable Laying Depth = 75mm

Cable Laying Width	Product Code	Overall Width (W)
150 mm	ILT5 150	172 mm
300 mm	ILT5 300	322 mm
450 mm	ILT5 450	472 mm
600 mm	ILT5 600	622 mm

## LOAD RATING AND DEFLECTION



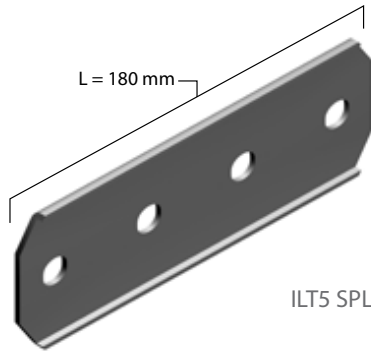
## LT5 TRAY ORDERING INFORMATION



# TRAY SYSTEMS

## ILT5 TRAYS - ACCESSORIES

### ILT5 SPLICE PLATE



**Note:** Order separately for installation (per splice plate)  
2 Splices required per length of the tray.

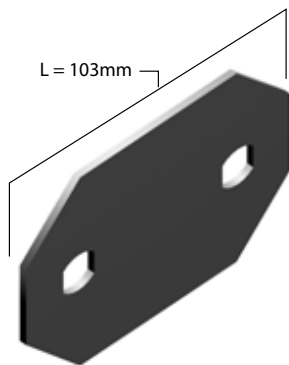
ORDERING CODE

IMPRES ← **ILT5SP** **G** → FINISH

ILT5 SPLICE PLATE

- AL** ALUMINIUM
- G** PRE GAL
- H** HOT DIP GAL

### ILT5 RISER LINK PLATE



**Note:** Order Fasteners separately for installation (per Riser Link)  
6 Riser Links are required to perform a 90 degree set.

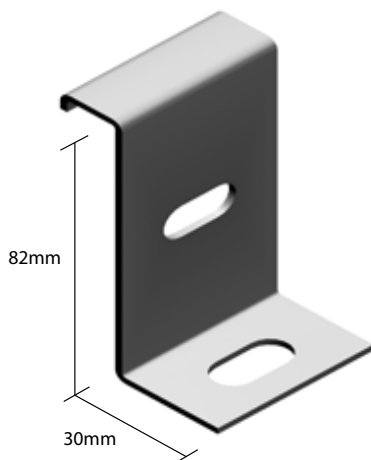
ORDERING CODE

IMPRES ← **ILT5RL** **G** → FINISH

ILT5 RISER LINK PLATE

- AL** ALUMINIUM
- G** PRE GAL
- H** HOT DIP GAL

### ILT5 HOLD DOWN BRACKET



**Note:** Order separately for installation (per splice plate)  
2 Splices required per length of the tray.

ORDERING CODE

IMPRES ← **ILT5HDB** **G** → FINISH

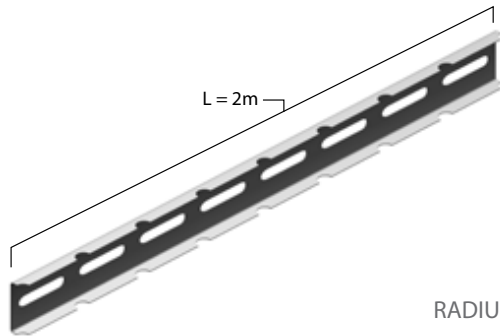
ILT5 HOLD DOWN BRACKET

- AL** ALUMINIUM
- G** PRE GAL
- H** HOT DIP GAL

# TRAY SYSTEMS

## ILT5 TRAYS - ACCESSORIES

### ILT5 TRAY RADIUS PLATE



IMPRES  
ILT5  
RADIUS PLATE

ORDERING CODE

**ILT5RP** **G**

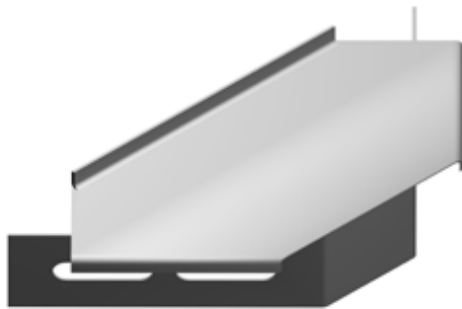
FINISH

- AL ALUMINIUM
- G PRE GAL
- H HOT DIP GAL

Note: Order separately for installation (per splice plate)

2 Splices required per length of the tray.  
Each Splice Plate requires 2 X IETFKH

### ILT5 TRAY TX BRACKET



IMPRES  
ILT5TX  
BRACKET

ORDERING CODE

**ILT5TX** **G**

FINISH

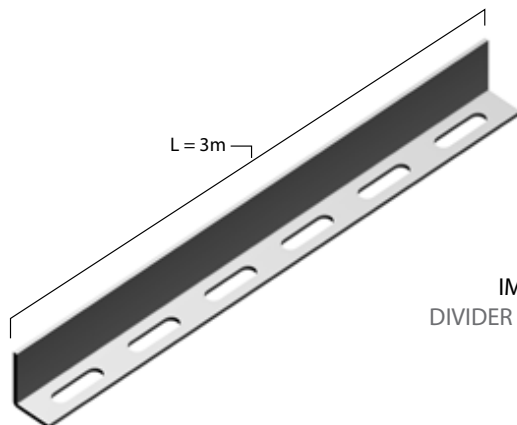
- AL ALUMINIUM
- G PRE GAL
- H HOT DIP GAL

Note: Order Fasteners separately for installation ( per TX Bracket)

2 TX Brackets required to make a Tee  
and 4 required to make a cross.

Each TX Bracket requires 4 x ILT BOLT  
and 4 x ILT NUT

### ILT5 TRAY DIVIDER STRIP



IMPRES  
DIVIDER STRIP

ORDERING CODE

**ILT5DS** **G**

FINISH

- AL ALUMINIUM
- G PRE GAL
- H HOT DIP GAL

Note: Order Fasteners separately for installation

Standard Length: 3m  
Standard Finish: Galva bond

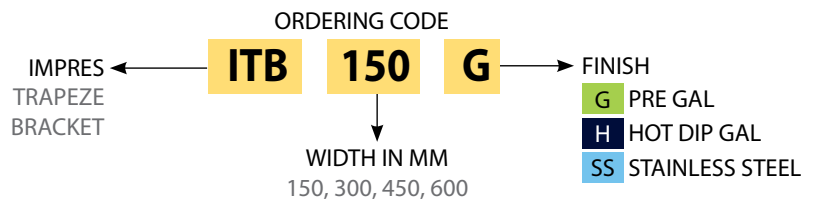
# TRAY SYSTEMS

## ILT5 TRAYS - ACCESSORIES

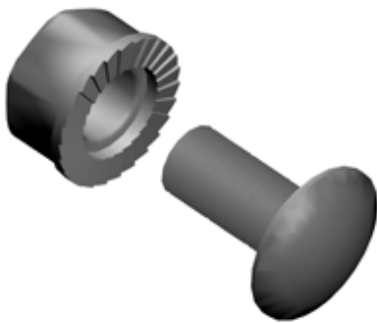
### ILT5 TRAY TRAPEZE BRACKET



TRAPEZE BRACKETS are used to support the trays. These brackets come in cut sizes for all widths of trays. They are a good substitute to the traditional channels used and the pre cut slots enable the hold down brackets to easily connect to the tray.



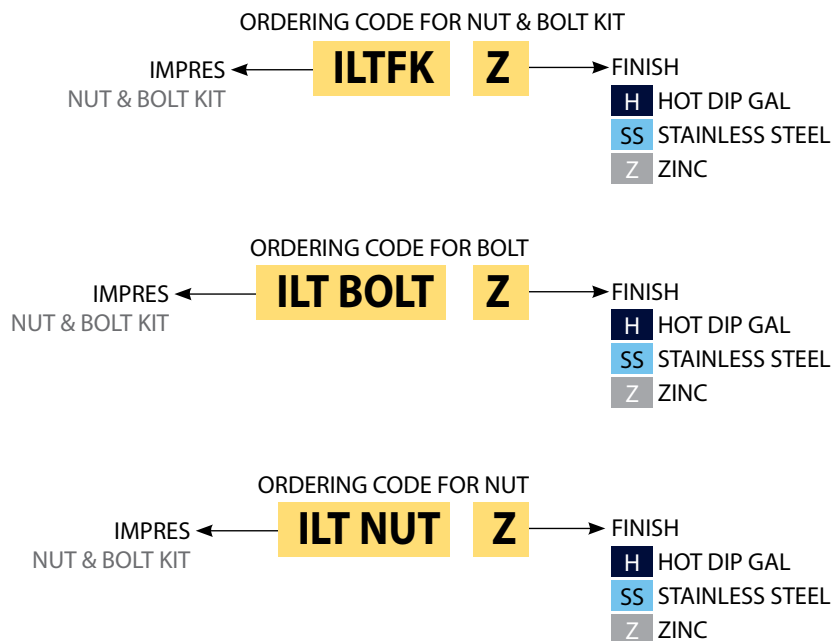
### ILT5 TRAY NUT & BOLT



**Note:** To order both items separately, please use the following order code  
Bolt: ILT Bolt and Nut: ILT NUT

Specify ILTFKH when both parts are required.

IMPRES Splice Bolts have a smooth head to eliminate the risk of sheathing the metal during installation.



# TRAY SYSTEMS

## APPLICATION EXAMPLES

### Joining Two Straight Lengths Of ECO Trays



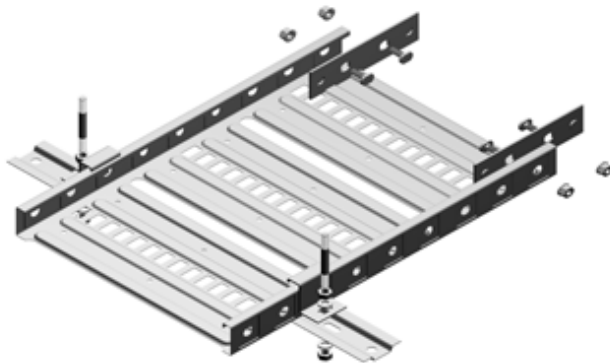
**Note:**

2 Splices required per length of the tray.  
Each Splice Plate requires 2 X ILTFKZ

**Note:**

Each IET HDB requires 1 X  
IHHB01025 and 1 X I3008

### Joining Two Straight Lengths Of ILT3 Trays



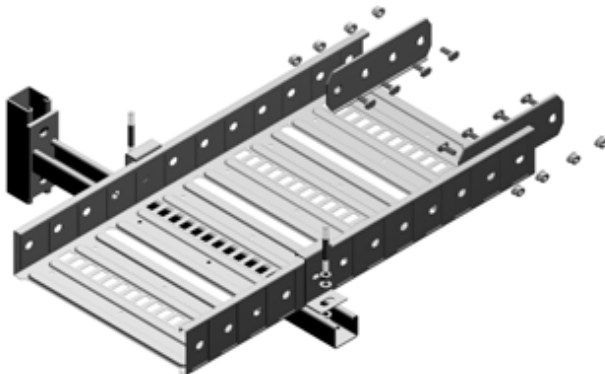
**Note:**

2 Splices required per length of the tray.  
Each Splice Plate requires 2 X ILTFKZ

**Note:**

Each IET HDB requires 1 X  
IHHB01025 and 1 X I3008

### Joining Two Straight Lengths Of ILT5 Trays



**Note:**

2 Splices required per length of the tray.  
Each Splice Plate requires 2 X ILTFKZ

**Note:**

Each IET HDB requires 1 X  
IHHB01025 and 1 X I3008

# TRAY SYSTEMS

## APPLICATION EXAMPLES

### Making A Tee - ECO Trays

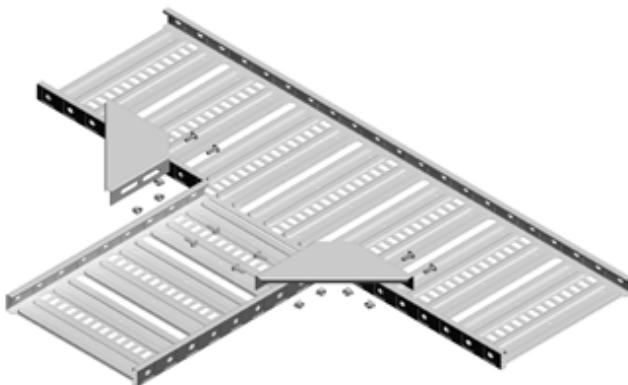


**Note:**

2 TX Brackets required to make a Tee  
and 4 required to make a cross.

Each TX Bracket requires 4 X ILT BOLT  
and 4 X ILT NUT

### Making A Tee - ILT3 Trays

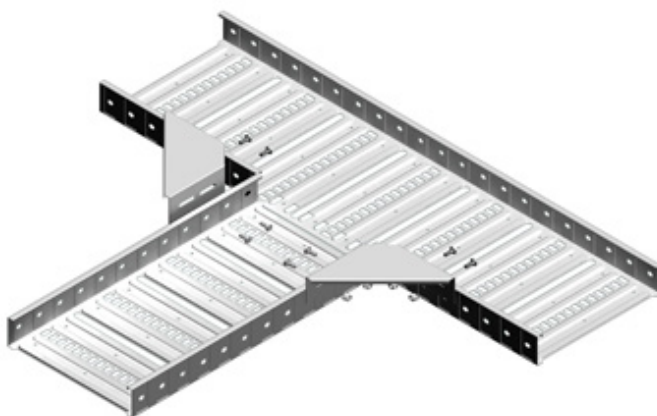


**Note:**

2 TX Brackets required to make a Tee  
and 4 required to make a cross.

Each TX Bracket requires 4 x ILT BOLT  
and 4 x ILT NUT

### Making A Tee - ILT5 Trays



**Note:**

2 TX Brackets required to make a Tee  
and 4 required to make a cross.

Each TX Bracket requires 4 x ILT BOLT  
and 4 x ILT NUT

# TRAY SYSTEMS

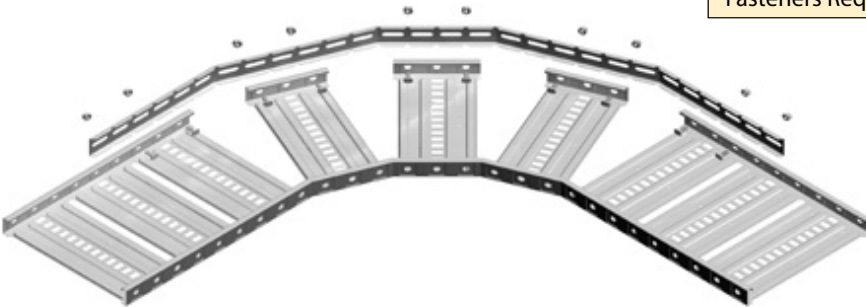
## APPLICATION EXAMPLES

### Make a Bend - ECO Trays



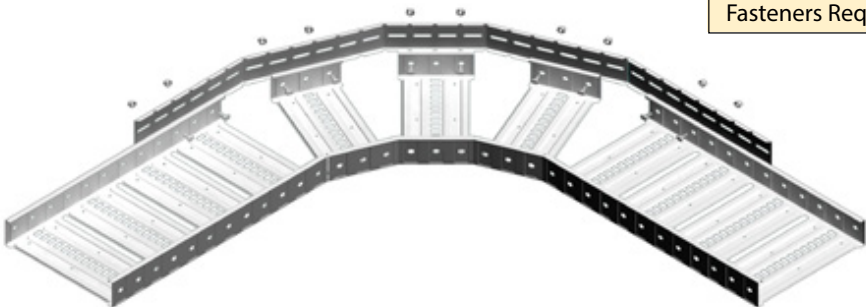
Tray Size	IET 150	IET 300	IET 450/600
Length Req	0.7M	1.2M	1.4M
Fasteners Req	6	8	10

### Make a Bend - ILT3 Trays



Tray Size	ILT3150	ILT3300	ILT3450/600
Length Req	0.7M	1.2M	1.4M
Fasteners Req	6	8	10

### Make a Bend - ILT5 Trays

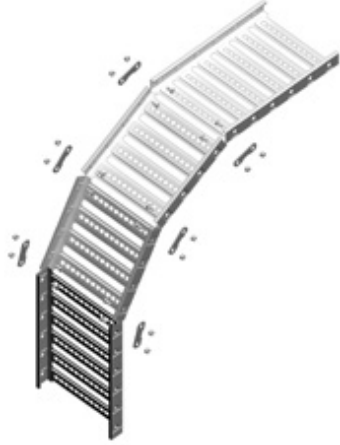


Tray Size	ILT5150	ILT5300	ILT5450	ILT5600
Length Req	0.7M	0.9M	1.2M	1.4M
Fasteners Req	6	8	10	10

# TRAY SYSTEMS

## APPLICATION EXAMPLES

### Make a Riser - ECO Trays



**Note:** Order Fasteners separately for installation ( per Riser Link)

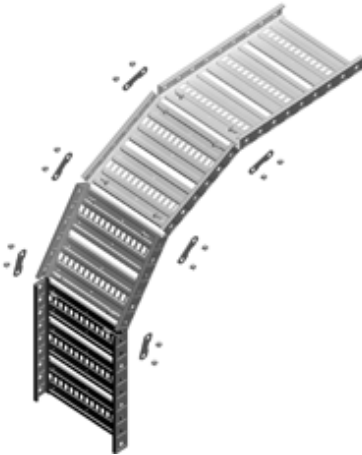
6 Riser Links are required to perform a 90 degree set.

Each Riser Link requires 2 X IETFKH

**Note:** To order both items separately, please use the following order code **Bolt: ILT Bolt** and **Nut: ILT NUT**

Specify ILTFKH when both parts are required.

### Make a Riser - ILT3 Trays



**Note:** Order Fasteners separately for installation ( per Riser Link)

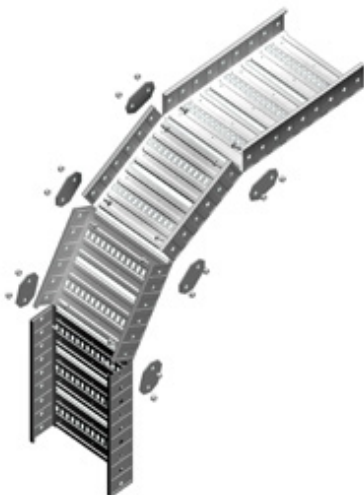
6 Riser Links are required to perform a 90 degree set.

Each Riser Link requires 2 X IETFKH

**Note:** To order both items separately, please use the following order code **Bolt: ILT Bolt** and **Nut: ILT NUT**

Specify ILTFKH when both parts are required.

### Make a Riser - ILT5 Trays



**Note:** Order Fasteners separately for installation ( per Riser Link)

6 Riser Links are required to perform a 90 degree set.

Each Riser Link requires 2 X IETFKH

**Note:** To order both items separately, please use the following order code **Bolt: ILT Bolt** and **Nut: ILT NUT**

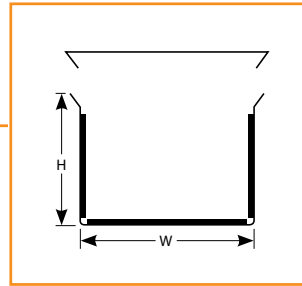
Specify ILTFKH when both parts are required.

# TRAY SYSTEMS

## CABLE DUCT

- Supplied in standard length of 2.4m
- Joining screws(IPS610Z) and nuts (IFN6Z) are INCLUDED.
- Please call to discuss other sizes.

### CABLE DUCT - CLIP LID



CABLE DUCT TYPE  
IDCL = CLIP LID

**IDCL**

**5050**

**G**

FINISH

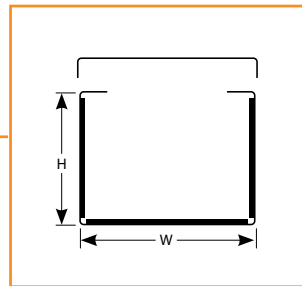
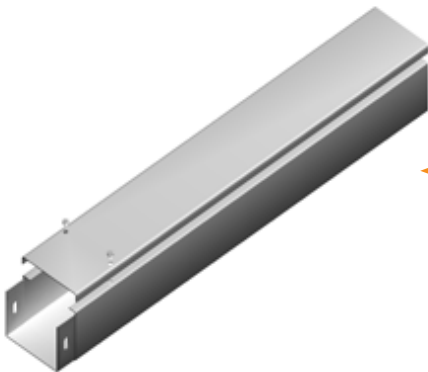
**G** PRE GAL

**H** HOT DIP GAL

WIDTH x HEIGHT IN MM

50 x 50, 75 x 75, 100 x 100, 150 x 100

### CABLE DUCT - SCREW LID



CABLE DUCT TYPE  
IDSL = SCREW LID

**IDSL**

**5050**

**G**

FINISH

**G** PRE GAL

**H** HOT DIP GAL

WIDTH x HEIGHT IN MM

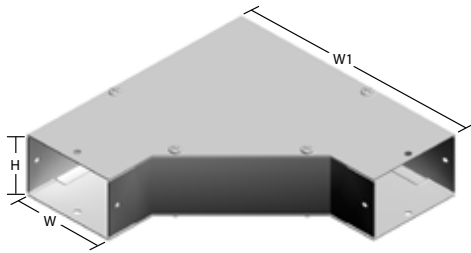
50 x 50, 75 x 75, 100 x 100, 150 x 100

# TRAY SYSTEMS

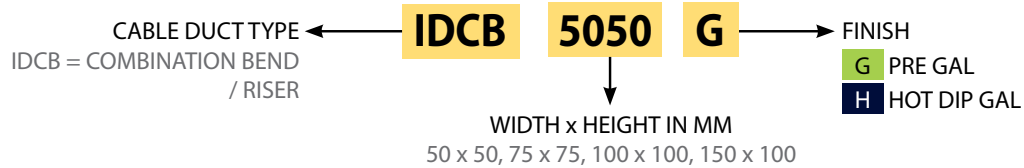
## CABLE DUCT ACCESSORIES

- Supplied in standard length of 2.4m
- Joining screws(IPS610Z) and nuts (IFN6Z) are INCLUDED.
- Please call to discuss other sizes.

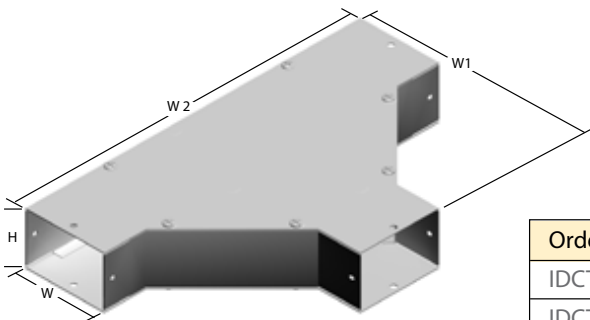
### COMBINATION BEND / RISER



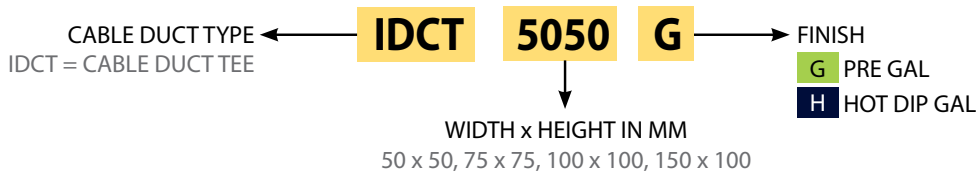
Ordering Code	Width (W)	Height (H)	Width (W1)
IDCB5050	50	50	167
IDCB7575	75	75	192
IDCB100100	100	100	217
IDCB150100	150	100	267
IDCB150150	150	150	317



### CABLE DUCT TEE



Ordering Code	Width (W)	Height (H)	Width (W1)	Width (W2)
IDCT5050	50	50	167	287
IDCT7575	75	75	192	312
IDCT100100	100	100	217	337
IDCT150100	150	100	267	387

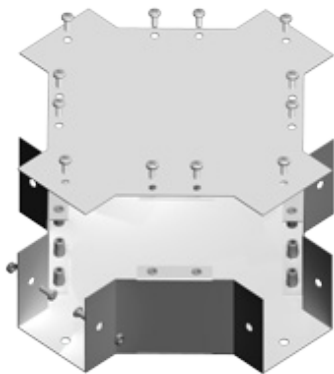


# TRAY SYSTEMS

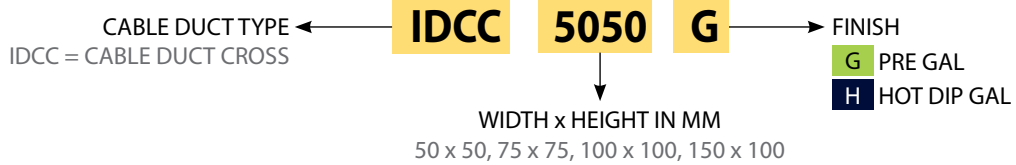
## CABLE DUCT ACCESSORIES

- Supplied in standard length of 2.4m
- Joining screws(IPS610Z) and nuts (IFN6Z) are INCLUDED.
- Please call to discuss other sizes.

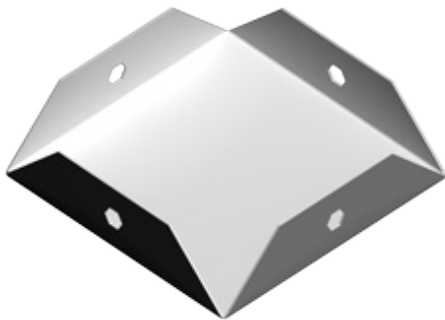
### CABLE DUCT CROSS



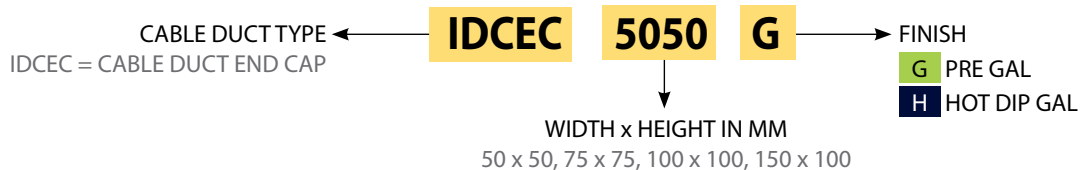
Ordering Code	Width (W)	Height (H)	Width (W1)
IDCC5050	50	50	167
IDCC7575	75	75	192
IDCC100100	100	100	217
IDCC150100	150	100	267



### CABLE DUCT END CAP



Ordering Code	Width (W)	Height (H)	Width (W1)	Width (W2)
IDCEC5050	50	50	167	287
IDCEC7575	75	75	192	312
IDCEC100100	100	100	217	337
IDCEC150100	150	100	267	387

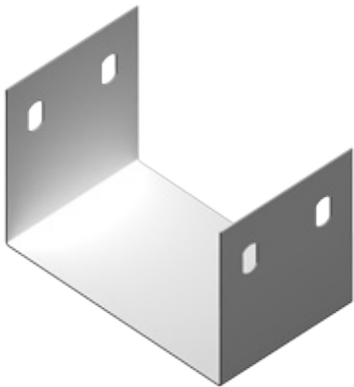


# TRAY SYSTEMS

## CABLE DUCT ACCESSORIES

- Supplied in standard length of 2.4m
- Joining screws(IPS610Z) and nuts (IFN6Z) are INCLUDED.
- Please call to discuss other sizes.

### CABLE DUCT SPLICE PLATE



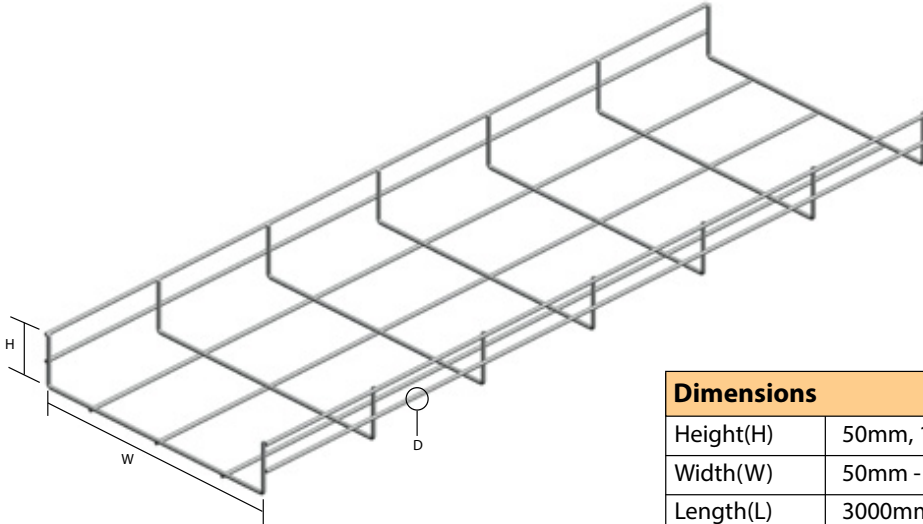
Ordering Code	Width (W)	Height (H)
IDCSP5050	50mm	50mm
IDCSP7575	75mm	75mm
IDCSP10050	100mm	50mm
IDCSP100100	100mm	100mm
IDCSP150100	150mm	100mm
IDCSP150150	150mm	150mm



# TRAY SYSTEMS

## CABLE MESH

### MATERIALS AND SURFACE FINISH



Dimensions	
Height(H)	50mm, 100mm
Width(W)	50mm - 600mm
Length(L)	3000mm
Diameter(D)	4.0mm, 5.0 mm

Materials and Surface Finish			
Materials	Surface Finish	Thickness of Coating	Application Environment
Medium Carbon Steel	Electro-Galvanised	$\geq 12$ Microns	Indoor
	Hot Dip Galvanised	60 Microns - 100 Microns	Indoor, Outdoor
	Pregalvanised	N/A	Indoor
SS304	Acid Washing Polishing	N/A	Indoor, Outdoor
SS316/SS316L	Acid Washing Polishing	N/A	High Corrosion Areas

- Bends, Risers, T Junctions, Crosses and Reducers can be made from Wire Mesh Cable Tray Straight sections flexibly in projects.
- Trays shall be supported at a normal span of 1.5m by a bracket. The
- Wire mesh Cable Tray systems can be safely used in places where temperature ranges between -40 Deg Celcius and 150 Deg Celcius without any changes to their characteristics maximum Span is 2.5m

**Note:** Please call to discuss other sizes.

# TRAY SYSTEMS

## CABLE MESH

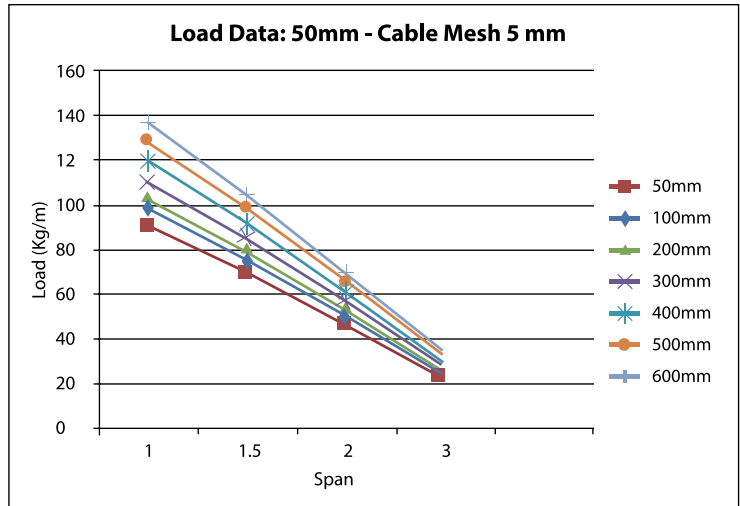
### TECHNICAL DATA

#### Loading Capability of Impres Cable Mesh (Kg/M)

Height(mm)	Width(mm)	1.0m	1.5m	2.0m	3.0m
50mm	50mm	91	70	47	23
50mm	100mm	99	76	51	25
50mm	200mm	103	79	53	26
50mm	300mm	111	85	57	28
50mm	400mm	120	92	61	31
50mm	500mm	129	99	66	33
50mm	600mm	137	105	70	35

Note:

Max Loading Data: 2-3 times over the requirement standard of Safe Work standard of loading data

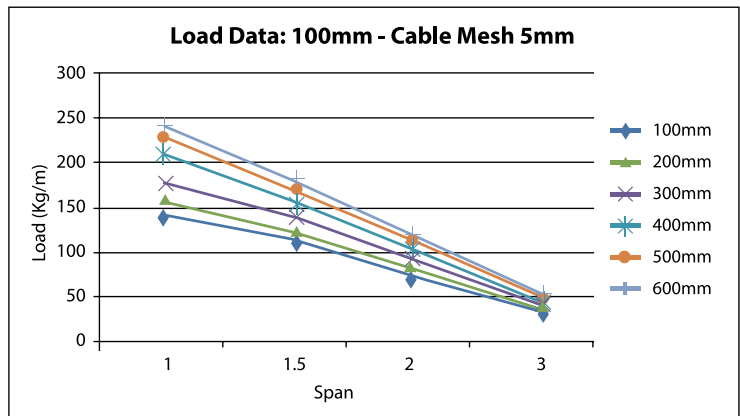


#### Loading Capability of Impres Cable Mesh (Kg/M)

Height(mm)	Width(mm)	1.0m	1.5m	2.0m	3.0m
100mm	100mm	143	110	73	37
100mm	200mm	159	122	81	41
100mm	300mm	183	141	94	47
100mm	400mm	212	163	109	54
100mm	500mm	234	180	120	60
100mm	600mm	246	189	126	63

Note:

Max Loading Data: 2-3 times over the requirement standard of Safe Work standard of loading data

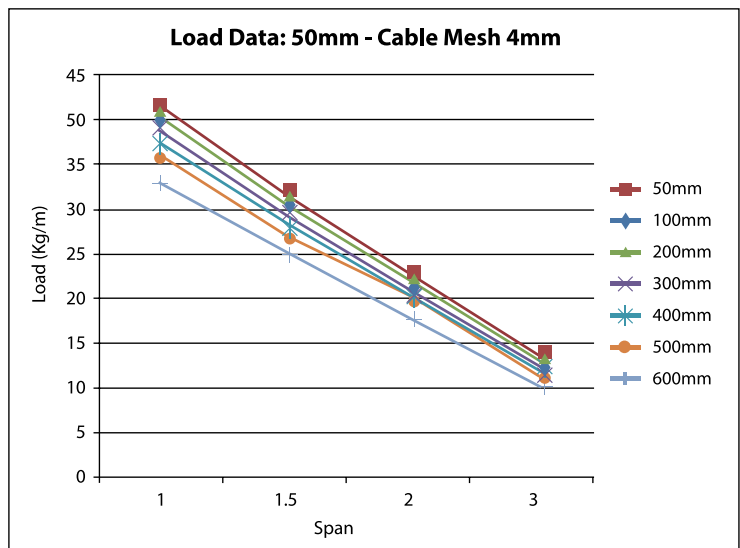


#### Loading Capability of Impres Cable Mesh (Kg/M)

Height(mm)	Width(mm)	1.0m	1.5m	2.0m	3.0m
50mm	50mm	39.9	30.3	21.3	12.5
50mm	100mm	41.2	31.2	22	12.8
50mm	200mm	39.96	30.24	21.36	12.48
50mm	300mm	38.76	29.28	20.76	12.12
50mm	400mm	37.44	28.32	20.04	11.76
50mm	500mm	35.52	26.88	19.08	11.16
50mm	600mm	33	24.96	17.76	10.32

Note:

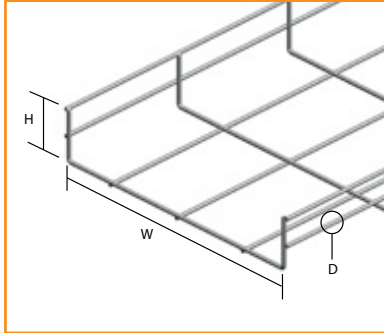
Max Loading Data: 2-3 times over the requirement standard of Safe Work standard of loading data



# TRAY SYSTEMS

## CABLE MESH

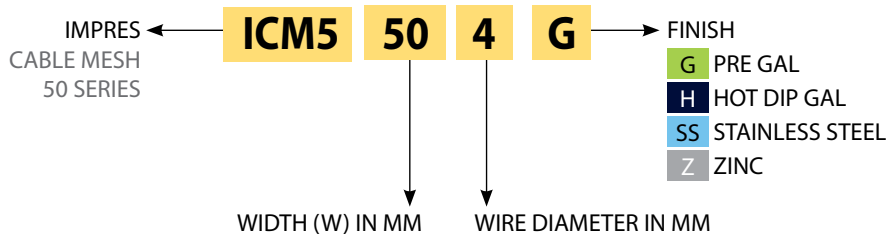
### 50 SERIES



Impres Part								
Number	Height (H)		Width (W)		Length (L)		Diameter (D)	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch
ICM505G	50	2	50	2	3000	118	5	0.2
ICM1005G	50	2	100	4	3000	118	5	0.2
ICM1505G	50	2	150	6	3000	118	5	0.2
ICM2005G	50	2	200	8	3000	118	5	0.2
ICM3005G	50	2	300	12	3000	118	5	0.2
ICM4005G	50	2	400	16	3000	118	5	0.2
ICM4505G	50	2	450	18	3000	118	5	0.2
ICM5005G	50	2	500	20	3000	118	5	0.2
ICM6005G	50	2	600	24	3000	118	5	0.2

Width	Wire Count
50	
100	
150	
200	
300	
400	
450	
500	
600	

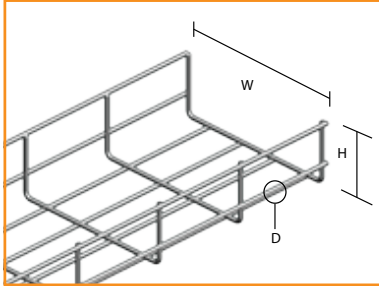
#### ORDERING CODE



# TRAY SYSTEMS

## CABLE MESH

### 100 SERIES

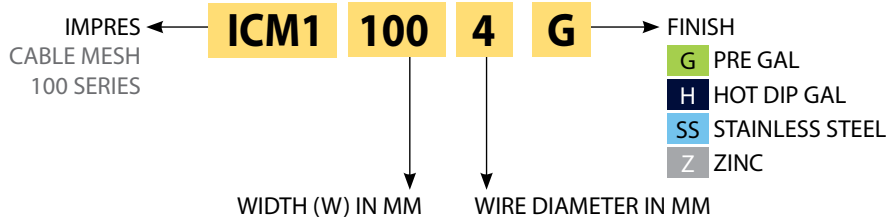


#### Impres Part

Number	Height (H)		Width (W)		Length (L)		Diameter (D)	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch
ICM1005G	100	2	100	4	3000	118	5	0.2
ICM1505G	100	2	150	6	3000	118	5	0.2
ICM2005G	100	2	200	8	3000	118	5	0.2
ICM3005G	100	2	300	12	3000	118	5	0.2
ICM4005G	100	2	400	16	3000	118	5	0.2
ICM4505G	100	2	450	18	3000	118	5	0.2
ICM4505G	100	2	450	18	3000	118	5	0.2
ICM4505G	100	2	450	18	3000	118	5	0.2

Width	Wire Count
100	
150	
200	
300	
400	
450	
500	
600	

#### ORDERING CODE



# TRAY SYSTEMS

## CABLE MESH ACCESSORIES

### COUPLER - ICMC34

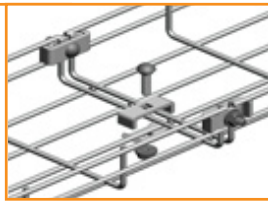


Description:

Application: (1) Connect 2 straight lengths of Cable Mesh;  
(2) Make Bends

Suitable for: Mesh Wire diameter 4.0mm to 6mm

Includes: ICMC34-top\* 1, ICMC34-bottom\* 1, M6 X 20 Bolt\*1, M6 Nut\* 1



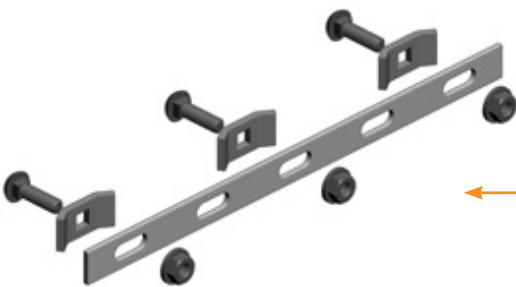
Installation Guide

ORDERING CODE

IMPRES ← **ICMC34** **Z** → FINISH  
COUPLER

<b>H</b>	HOT DIP GAL
<b>SS</b>	STAINLESS STEEL
<b>Z</b>	ZINC

### STRENGTHNING BAR - ICMCSB



Description:

Application: Connect 2 straight sections of Cable Mesh

Suitable for: Mesh Wire diameter 4.0mm to 6mm

Includes: ICMCSB\* 1, ICMC34-top\* 3, M6 X 20 Bolt\* 3, M6 Nut\* 3



Installation Guide

ORDERING CODE

IMPRES ← **ICMCSB** **Z** → FINISH  
STRENGTHNING  
BAR

<b>H</b>	HOT DIP GAL
<b>SS</b>	STAINLESS STEEL
<b>Z</b>	ZINC

# TRAY SYSTEMS

## CABLE MESH ACCESSORIES

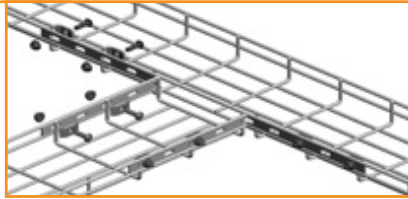
### CORNER STRENGTHENING BAR - ICMCSB

Description:

Application: T and Cross Connectors

Suitable for: Mesh Wire diameter 4.0mm to 6mm

Includes: ICMCSB\* 1, ICMC34-top\* 4, M6 X 20 Bolt\* 4, M6 Nut\* 4



Installation Guide

ORDERING CODE

IMPRES CORNER STRENGTHENING BAR	<b>ICMCSB</b>	<b>Z</b>	FINISH
			<b>H</b> HOT DIP GAL
			<b>SS</b> STAINLESS STEEL
			<b>Z</b> ZINC

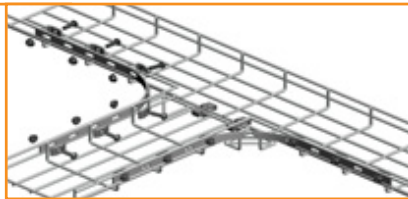
### RADIAN CONNECTOR - ICMRC

Description:

Application: T and Cross Connectors for Cable Mesh  
(2) Make Bends

Suitable for: 50mm and 100mm Side Height

Includes: ICMRC\* 1, ICMC34-top\* 6, M6 X 20 Bolt\* 6, M6 Nut\* 6



Installation Guide

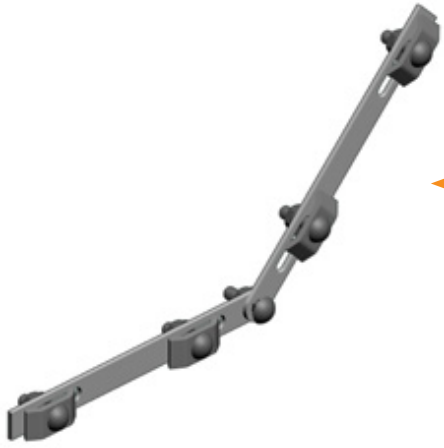
ORDERING CODE

IMPRES RADIANT CONNECTOR	<b>ICMRC</b>	<b>Z</b>	FINISH
			<b>H</b> HOT DIP GAL
			<b>SS</b> STAINLESS STEEL
			<b>Z</b> ZINC

# TRAY SYSTEMS

## CABLE MESH ACCESSORIES

### ADJUSTABLE CONNECTOR - ICMAC

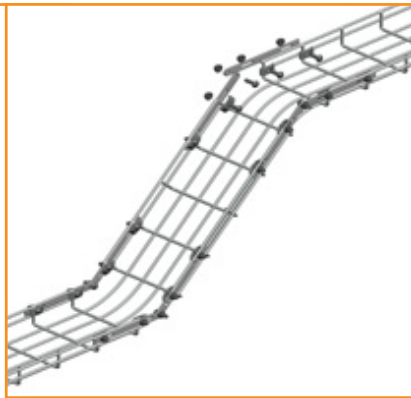


Description:

Application: Strengthen the connection of internal and external bends

Suitable for: Mesh Wire diameter 4.0mm to 6mm

Includes: ICMAC\* 1, ICMC34-to \* 4, M6 X 20 Bolt\* 5, M6 Nut \* 5



Installation Guide

ORDERING CODE

IMPRES  
ADJUSTABLE  
CONNECTOR

**ICMAC**

**Z**

FINISH

**H** HOT DIP GAL

**SS** STAINLESS STEEL

**Z** ZINC

### FASTLOCK - ICMFL



Description:

Application: Make Bends

Suitable for: Mesh Wire diameter 3.5mm to 5mm

Includes: ICMFL



Installation Guide

ORDERING CODE

IMPRES  
FASTLOCK

**ICMFL**

**Z**

FINISH

**H** HOT DIP GAL

**SS** STAINLESS STEEL

**Z** ZINC

# TRAY SYSTEMS

## CABLE MESH ACCESSORIES

### FAST FIX SPLICER - ICMFFSP



Description:

Application: Connect 2 straight lengths of Cable Mesh;

Suitable for: Mesh Wire diameter 4.5mm to 5mm

Includes: ICMFFSP



◀ Installation Guide

ORDERING CODE

IMPRES  
FAST FIX  
SPLICER

**ICMFFSP**

**Z**

FINISH

**H** HOT DIP GAL

**SS** STAINLESS STEEL

**Z** ZINC

### BOLTLESS COUPLER - ICMBC



Description:

Application: Strengthens the straight connection of 2 Cable Mesh

Suitable for: Mesh Wire diameter 4.5mm to 5mm

Includes: ICMBC



◀ Installation Guide

ORDERING CODE

IMPRES  
BOLTLESS  
COUPLER

**ICMBC**

**Z**

FINISH

**H** HOT DIP GAL

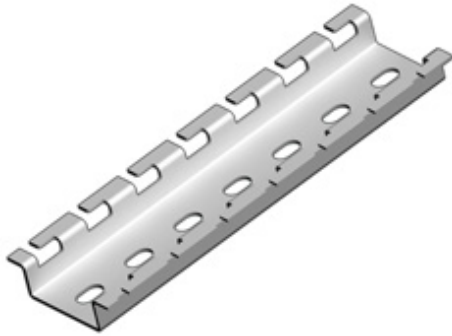
**SS** STAINLESS STEEL

**Z** ZINC

# TRAY SYSTEMS

## CABLE MESH ACCESSORIES

### HANGING BRACKET - ICMHBR

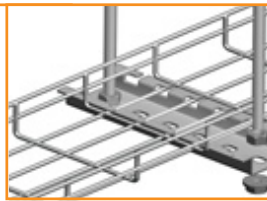


Description:

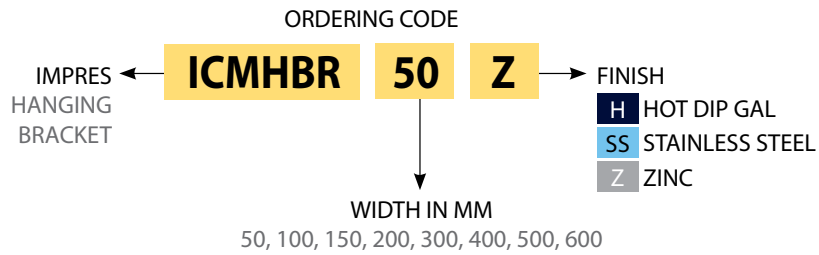
Application: Acts as a support to the cable mesh.

Suitable for: Mesh Wire diameter 3.5mm to 5mm

Includes: ICMHBR



Installation Guide



### M-HANGING BRACKET - ICMMHBR

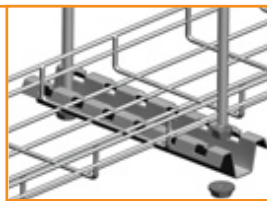


Description:

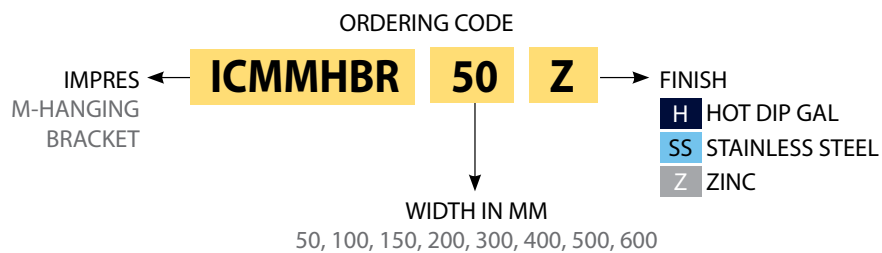
Application: Acts as a support to the cable mesh.

Suitable for: Mesh Wire diameter 3.5mm to 5mm

Includes: ICMHBR



Installation Guide



# TRAY SYSTEMS

## CABLE MESH ACCESSORIES

### HOLD DOWN CLIP - ICMHDC

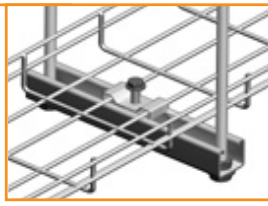


Description:

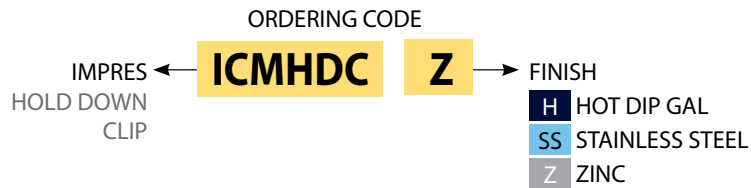
Application: Connects the cable Mesh to the Channel

Suitable for: Mesh Wire diameter 3.5mm to 5mm

Includes: ICMHDC\* 1, I1006Z\* 1, M6 Bolt\* 1



Installation Guide



### HANGING HOOK - ICMHH

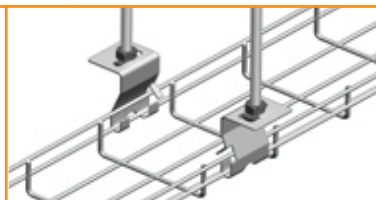


Description:

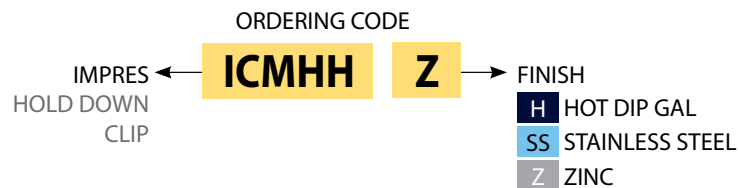
Application: Connects the threaded rod to the side walls of the Cable Mesh

Suitable for: Mesh Wire diameter 3.5mm to 5mm

Includes: ICMHH



Installation Guide



# TRAY SYSTEMS

## CABLE MESH ACCESSORIES

### TRAY HOLDER (50MM MESH ONLY) - ICMTHZ



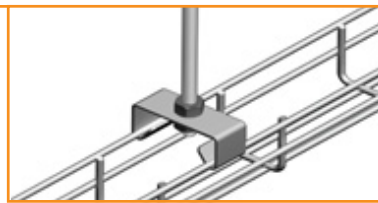
Description:

Application: Connects the 50mm Cable Mesh to the threaded rod from the centre of the mesh

Suitable for: Cable Mesh of width = 50mm with Diameter 3.5mm to 5mm

Includes: ICMTH

Note: This is available on firm orders only. Longer Lead time Applies



Installation Guide

ORDERING CODE

IMPRES  
TRAY HOLDER  
(50MM MESH  
ONLY)

**ICMTH**

**Z**

FINISH

**H** HOT DIP GAL

**SS** STAINLESS STEEL

**Z** ZINC

### FLOOR STAND - ICMFS

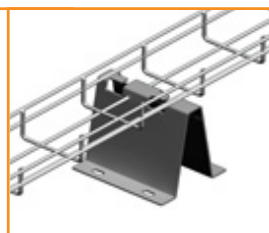


Description:

Application: Supports a Cable mesh on the floor or a Cabinet

Suitable for: Mesh Wire diameter 3.5mm to 5mm

Includes: ICMFS



Installation Guide

ORDERING CODE

IMPRES  
FLOOR STAND

**ICMFS**

**50**

**Z**

FINISH

**H** HOT DIP GAL

**SS** STAINLESS STEEL

**Z** ZINC

WIDTH IN MM

50, 100, 150, 200, 300, 400, 500, 600

# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

### SPIDER BRACKET - ICMSB



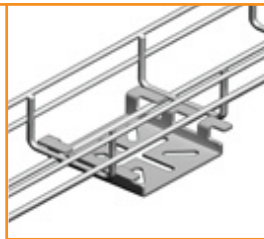
Description:

Application: Another method of floor installation

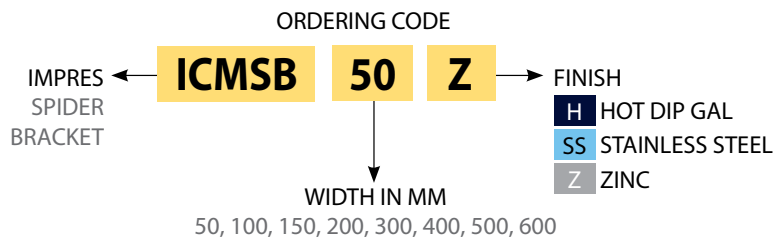
Suitable for: Mesh Wire diameter 3.5mm to 5mm

Available widths: 100mm - 600mm

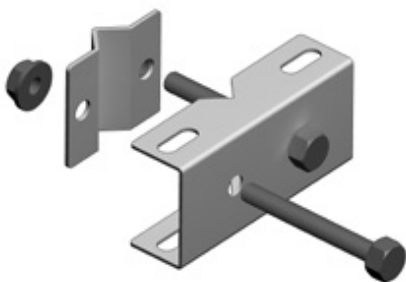
Includes: ICMSB



Installation Guide



### V-CONNECTOR - ICMVCON

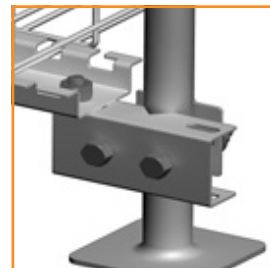
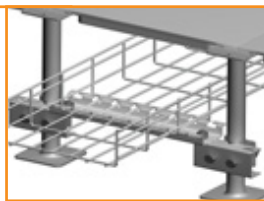


Description:

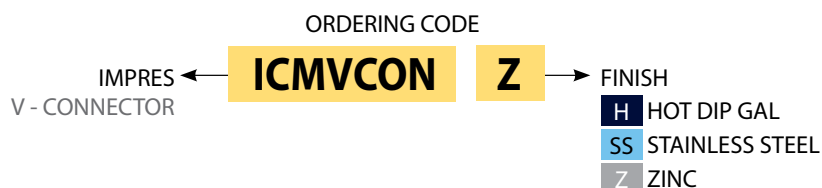
Application: Supports the Hanging bar to a raised floor

Suitable for: Mesh Wire diameter 3.5mm to 5mm

Includes: Comes in Pairs and includes a bolt and nut



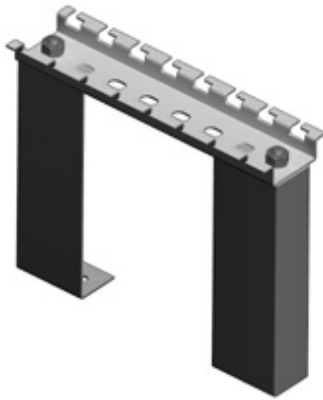
Installation Guide



# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

### CABINET TOP STAND - ICMCTS



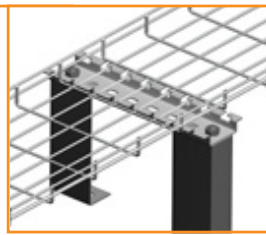
Description:

Application: Installation closer to the Floor

Suitable for: Cable Mesh widths from 100 - 600mm

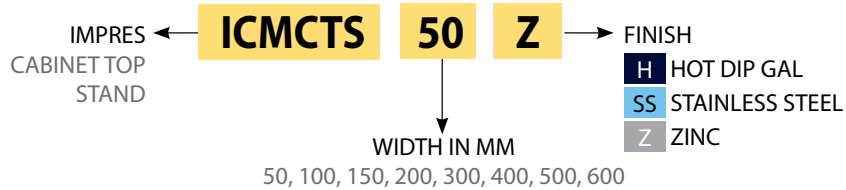
Includes: Bar \* 1, Foot \* 2, A set of bolt and Nut

Note: This is available on firm orders only. Longer Lead time Applies



Installation Guide

ORDERING CODE



### BRIDGE TYPE STAND - ICMBTS



Description:

Application: Similar to Cabinet top stand but can be used for multiple or single installation

Suitable for: Cable Mesh widths from 50 - 600mm

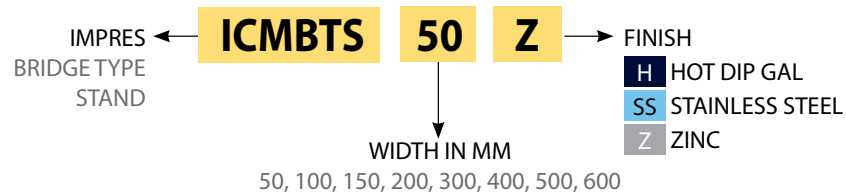
Includes: Support Leg \* 2, HDC\* 6, I1026 \*2

Note: This is available on firm orders only. Longer Lead time Applies



Installation Guide

ORDERING CODE



# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

### FLOOR STAND 50 - ICM50FS



Description:

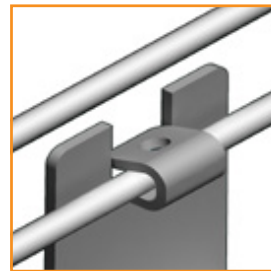
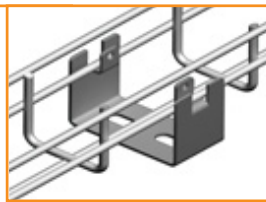
Application: Supports a 50mm Cable mesh on the floor

Suitable for: Mesh Wire diameter 3.5mm to 5mm

Only suitable for 50mm Wide Tray

Includes: ICM50FS

Note: This is available on firm orders only. Longer Lead time Applies



Installation Guide

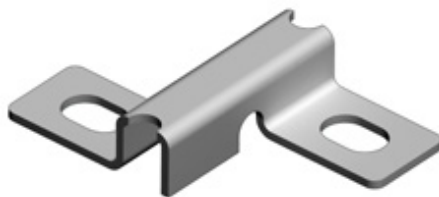
ORDERING CODE

IMPRES ← **ICM50FS** **Z** → FINISH

FLOOR STAND 50

<b>H</b>	HOT DIP GAL
<b>SS</b>	STAINLESS STEEL
<b>Z</b>	ZINC

### CROSS CLIP - ICMCC



Description:

Application: Fixes the Cable Mesh to a wall or a bracket

Suitable for: Mesh Wire diameter 4mm to 5mm

Includes: ICMCC

Note: This is available on firm orders only. Longer Lead time Applies



Installation Guide

ORDERING CODE

IMPRES ← **ICMCC** **Z** → FINISH

CROSS CLIP

<b>H</b>	HOT DIP GAL
<b>SS</b>	STAINLESS STEEL
<b>Z</b>	ZINC

# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

### T-WALL BRACKET - ICMTWB



Description:

Application: Used for Wall Mount of Cable Mesh

Suitable for: Widths from 100mm to 300mm

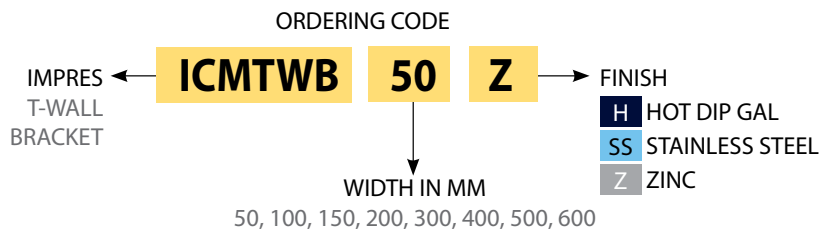
ICL150H to suit 100mm Cable Mesh

Includes: ICMTWB, ICM28-Top \* 2 M6 Bolt/Nut \* 2

Note: This is available on firm orders only. Longer Lead time Applies



Installation Guide



### L-TYPE WALL BRACKET



Description:

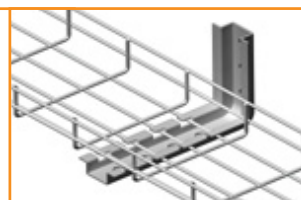
Application: Used for Wall Mount of Cable Mesh

Suitable for: Widths from 100mm to 600mm

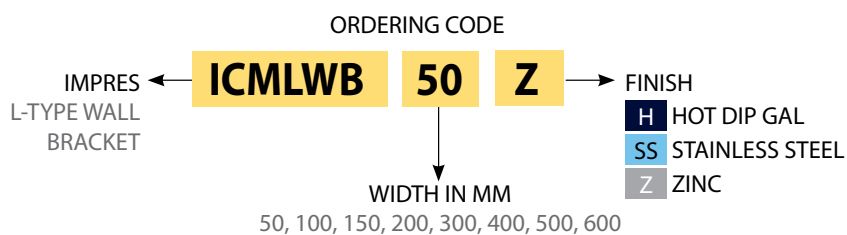
ICL150H to suit 100mm Cable Mesh

Includes: ICL BRACKET. [Order ICMHDC seperately]

Note: This is available on firm orders only. Longer Lead time Applies



Installation Guide



# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

### WALL BRACKET - ICMWB



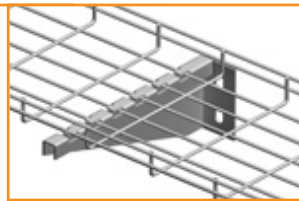
Description:

Application: Used for Wall Mount of Cable Mesh

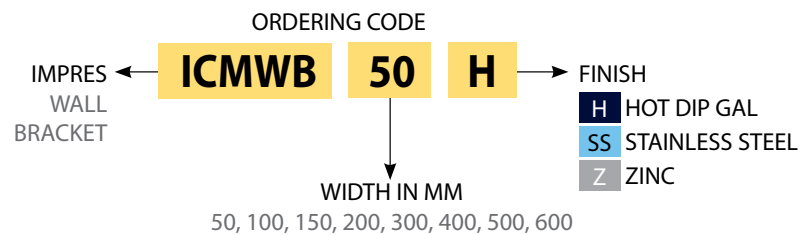
Suitable for: Widths from 100mm to 600mm  
ICL150H to suit 100mm Cable Mesh

Includes: ICL BRACKET. [Order ICMHDC separately]

Note: This is available on firm orders only. Longer Lead time Applies



Installation Guide



### CANTILEVER WALL BRACKET - ICMCWB



Description:

Application: Used for Wall Mount of Cable Mesh

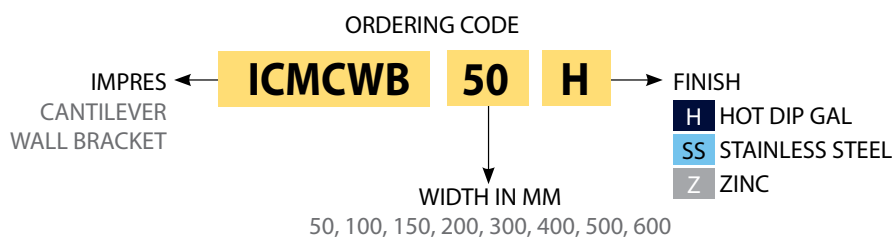
Suitable for: Widths from 100mm to 600mm  
ICL150H to suit 100mm Cable Mesh

Includes: ICL BRACKET. [Order ICMHDC separately]

Note: This is available on firm orders only. Longer Lead time Applies



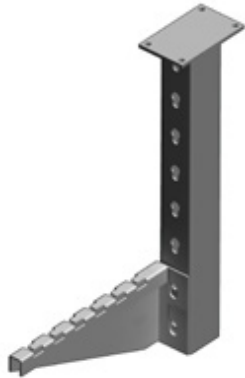
Installation Guide



# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

### RETURN FLAG BRACKET - ICMRFB



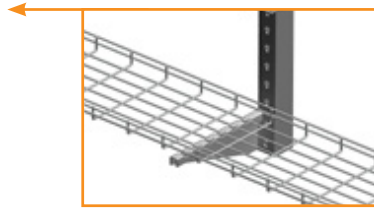
Description:

Application: Hangs Trays Under Ceiling using a Wall Bracket

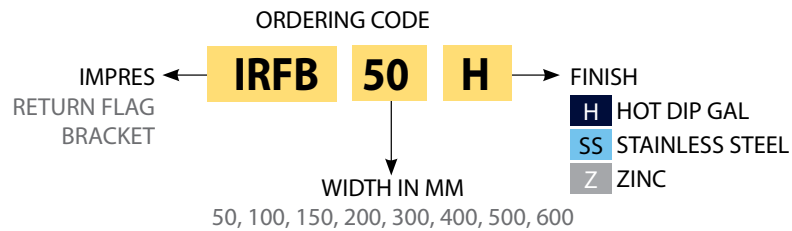
Suitable for: Widths from 100-600 mm

Includes: ICMWB X 1, Pole \* 1

Note: This is available on firm orders only. Longer Lead time Applies



Installation Guide



### FLAG TYPE FLOOR STAND - ICMFTFS



Description:

Application: Supports Trays on the Floor

Suitable for: Widths from 100mm to 600mm

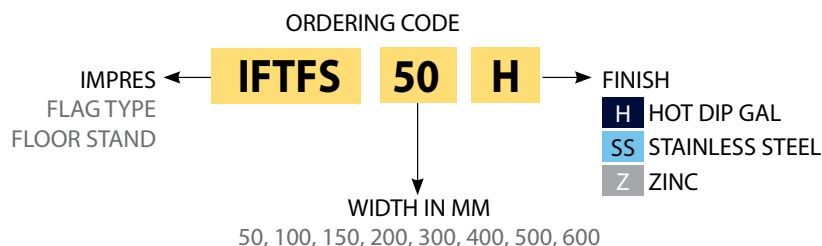
ICL150H to suit 100mm Cable Mesh

Includes: ICMWB \* 1, Pole \* 1

Note: This is available on firm orders only. Longer Lead time Applies



Installation Guide



# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

### T- CEILING HANGER - ICMTCH



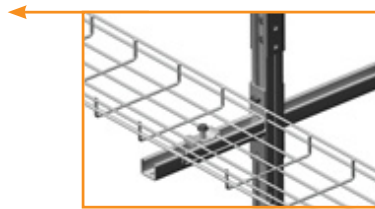
Description:

Application: Hangs Trays under the ceiling

Suitable for: Widths < 400mm

Includes: ICMTCH \* 1, IHHB1060 \* 4, IHN10 \* 4

Note: This is available on firm orders only. Longer Lead time Applies



◀ Installation Guide

ORDERING CODE

IMPRES  
T - CEILING  
HANGER

**ICMTCH**

**H**

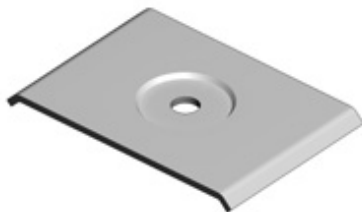
FINISH

**H** HOT DIP GAL

**SS** STAINLESS STEEL

**Z** ZINC

### CENTRAL HOLD DOWN - ICMCHD



Description:

Application: Acts as a fixing to the centre of the Cable Mesh

Suitable for: Mesh Wire diameter 4mm to 5mm

Includes: ICL BRACKET. [Order ICMHDC seperately]



◀ Installation Guide

ORDERING CODE

IMPRES  
CENTRAL HOLD  
DOWN

**ICMCHD**

**Z**

FINISH

**H** HOT DIP GAL

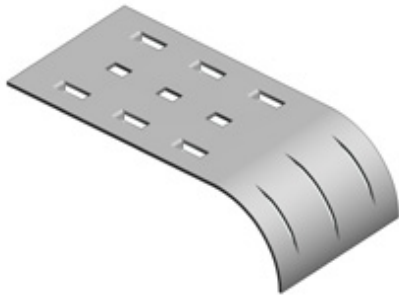
**SS** STAINLESS STEEL

**Z** ZINC

# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

### CABLE GUIDER - ICMCG



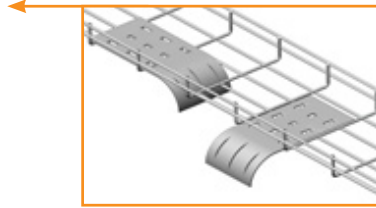
Description:

Application: Acts as a guide to the cables

Suitable for: Mesh Wire diameter 4mm to 5mm

Includes: ICMCG

Note: This is a custom made product



Installation Guide

ORDERING CODE

IMPRES ← **ICMCG** **Z** → FINISH  
CABLE GUIDER

<b>H</b>	HOT DIP GAL
<b>SS</b>	STAINLESS STEEL
<b>Z</b>	ZINC

### CABLE ROLLER - ICMCR



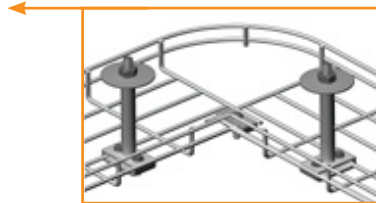
Description:

Application: Protects Cables

Suitable for: Mesh Wire diameter 4mm to 5mm

Includes: ICMCR

Note: This is available on firm orders only. Longer Lead time Applies



Installation Guide

ORDERING CODE

IMPRES ← **ICMCR** **Z** → FINISH  
CABLE ROLLER

<b>H</b>	HOT DIP GAL
<b>SS</b>	STAINLESS STEEL
<b>Z</b>	ZINC

# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

### DIVIDER STRIP - ICMDS



Description:

Application: Divides the cable mesh into 2 sections

Suitable for: Mesh Wire diameter 4mm to 5mm  
Available for Height = 50mm, 100mm

Includes: ICMDS



Installation Guide

ORDERING CODE

IMPRES  
DIVIDER STRIP

**ICMDS**

**Z**

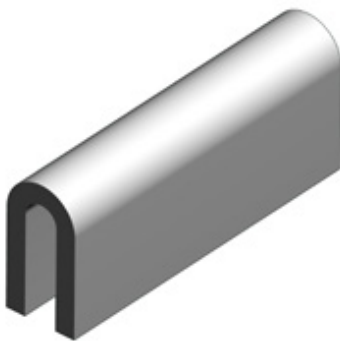
FINISH

**H** HOT DIP GAL

**SS** STAINLESS STEEL

**Z** ZINC

### DIVIDER JOINER - ICMDJ



Description:

Application: Connects 2 divider strips

Suitable for: 50mm and 100 mm Dividers

Includes: ICMDJ

Note: This is available on firm orders only. Longer Lead time Applies



Installation Guide

ORDERING CODE

IMPRES  
DIVIDER JOINER

**ICMDJ**

**Z**

FINISH

**H** HOT DIP GAL

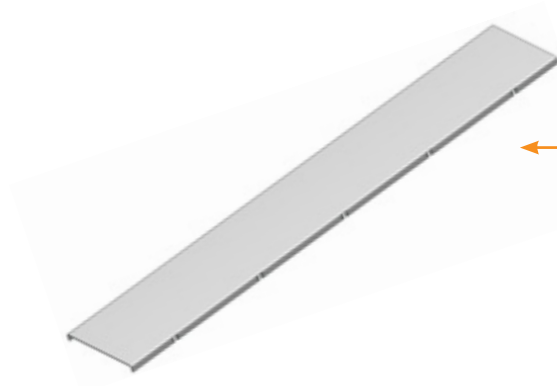
**SS** STAINLESS STEEL

**Z** ZINC

# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

### CABLE MESH COVER - ICMC



Description:

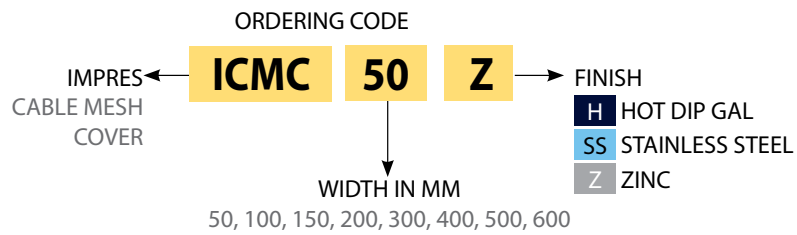
Application: Cover for the cable mesh

Suitable for: Mesh Wire diameter 4mm to 5mm  
Available in widths from 50mm - 600mm

Includes: ICMC



Installation Guide



### CABLE MESH END CAP - ICMEC

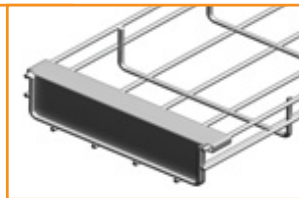


Description:

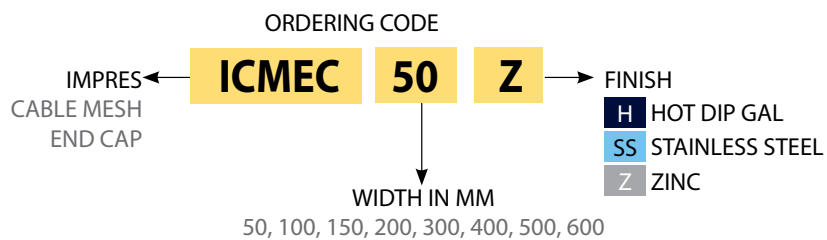
Application: End Cap for Cable Mesh

Suitable for: Mesh Wire diameter 4mm to 5mm  
Available in widths from 50mm - 600mm

Includes: ICMEC



Installation Guide



# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

### CABLE MESH WIRE CAP - ICMWC



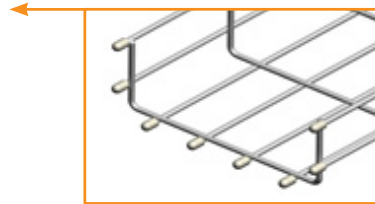
Description:

Application: Protects the wire end of the Cable Mesh

Suitable for: Mesh Wire diameter 4mm to 5mm  
Available in widths from 50mm - 600mm

Includes: ICMWC

Note: This is available on firm orders only. Longer Lead time Applies



Installation Guide

ORDERING CODE

IMPRES  
CABLE MESH  
WIRE CAP

**ICMWC**

**Z**

FINISH

**H** HOT DIP GAL

**SS** STAINLESS STEEL

**Z** ZINC

### CABLE MESH PIPE CONNECTOR - ICMPC



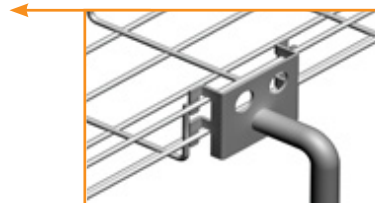
Description:

Application: Used to connect Pipes to the Cable Mesh

Suitable for: Pipe with Diameter of 20mm, 25mm and 32mm

Includes: ICMPC

Note: This is available on firm orders only. Longer Lead time Applies



Installation Guide

ORDERING CODE

IMPRES  
CABLE MESH  
PIPE CONNECTOR

**ICMPC**

**Z**

FINISH

**H** HOT DIP GAL

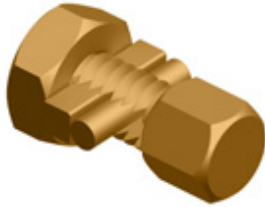
**SS** STAINLESS STEEL

**Z** ZINC

# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

### CABLE MESH COPPER BOLT/COPPER PLATED BOLT - ICMCB/ICMBCP



Copper Bolt

Description:

Application: Used to Earth Cable Mesh

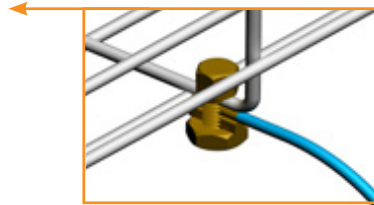
Suitable for: Copper Bolts for Diameter 4mm to 5mm  
Copper Plated bolts for only 5mm

Includes: ICMCBC (Copper Bolts)  
ICMBCP (Copper Plated Bolts)

Note: This is available on firm orders only. Longer Lead time Applies



Copper Plated Bolt



Installation Guide

#### ORDERING CODE

IMPRES ← **ICMCB** **C** → FINISH  
CABLE MESH **C** COPPER  
COPPER BOLT

#### ORDERING CODE

IMPRES ← **ICMCP** **CP** → FINISH  
CABLE MESH **CP** COPPER PLATED  
COPPER PLATED  
BOLT



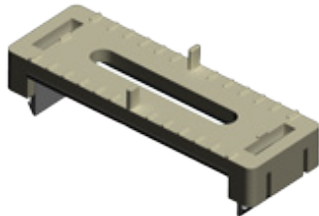




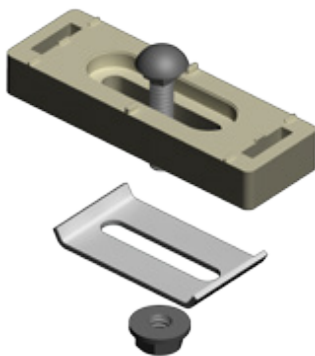
# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

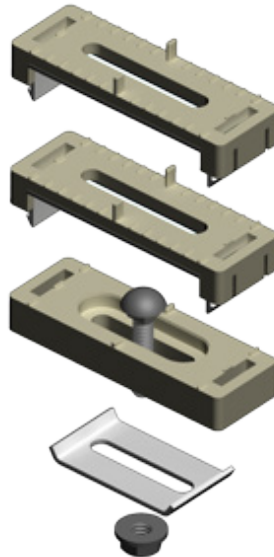
### CABLE MESH CABLE FIXER KIT ABS - SERIES 5 - ICMCF5KABS



Cable Fixer Top



Cable Fixer Bottom



Cable Fixer Assembly Kit

Description:

Application: Organises Cables when laying

Suitable for: Cable Diameter from 5mm to 6mm

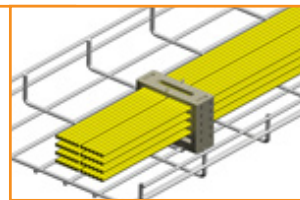
Made from ABS

Includes: ICMCFT5ABS

ICMCFB5ABS

Note: This is available on firm orders only.

Longer Lead time Applies



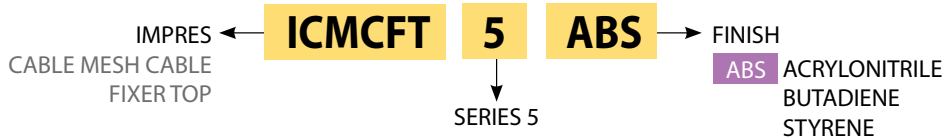
Installation Guide

Note: This is a custom made product

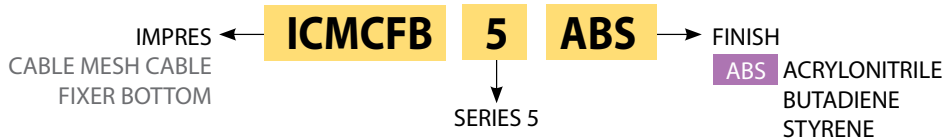
#### FULL KIT ORDERING CODE



#### TOP ORDERING CODE



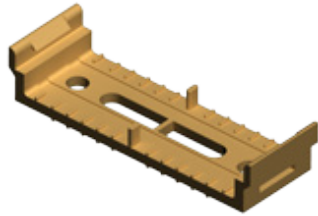
#### BOTTOM ORDERING CODE



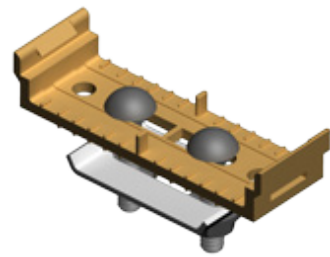
# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

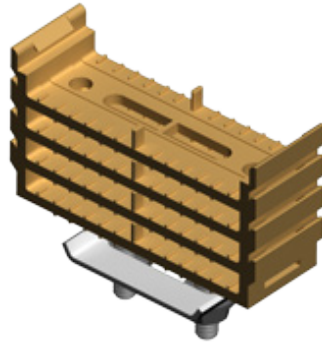
### CABLE MESH CABLE FIXER KIT ABS - SERIES 7 - ICMCF5KABS1



Cable Fixer Top



Cable Fixer Bottom



Cable Fixer Assembly Kit

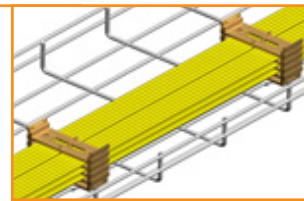
Description:

Application: Organises Cables when laying

Suitable for: Cable Diameter from 7mm to 9mm

Includes: ICMCFT7SA1  
ICMCFTB7SA1

Note: This is available on firm orders only.  
Longer Lead time Applies



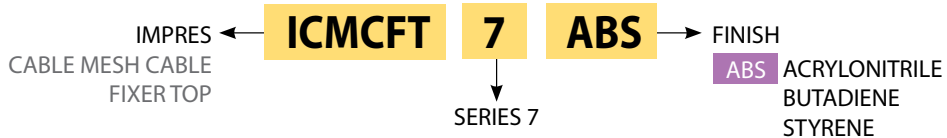
Installation Guide

Note: This is a custom made product

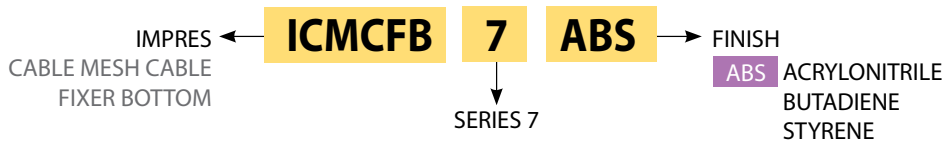
#### FULL KIT ORDERING CODE



#### TOP ORDERING CODE



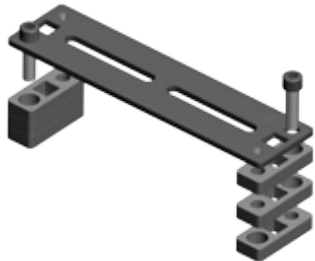
#### BOTTOM ORDERING CODE



# TRAY SYSTEMS

## CABLE MESH FLOOR STANDS

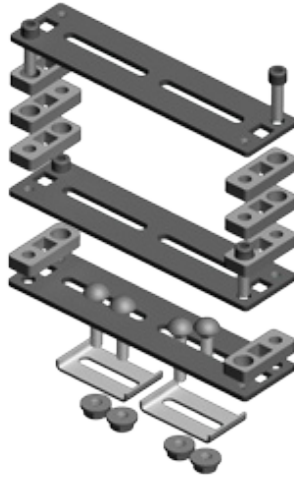
### CABLE MESH CABLE FIXER KIT ABS - SERIES 11 - ICMCFK11ABS



Cable Fixer Top



Cable Fixer Bottom



Cable Fixer Assembly Kit

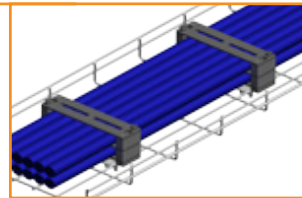
Description:

Application: Organises Cables when laying

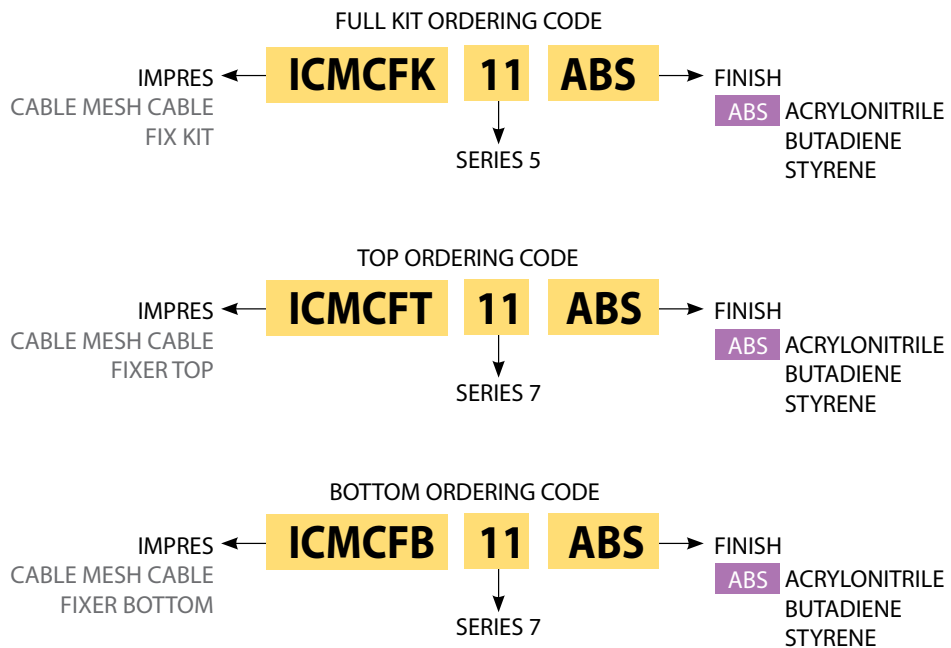
Suitable for: Cable Diameter from 11mm to 60mm

Includes: ICMCFT11ST  
ICMCFB11ST

Note: This is available on firm orders only.  
Longer Lead time Applies



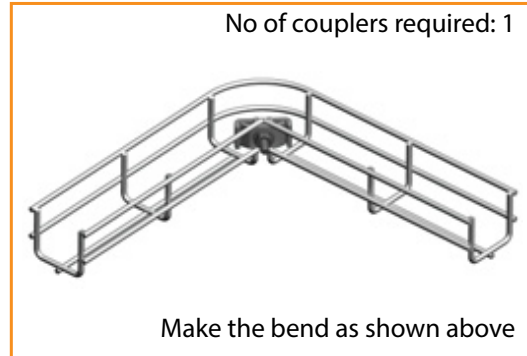
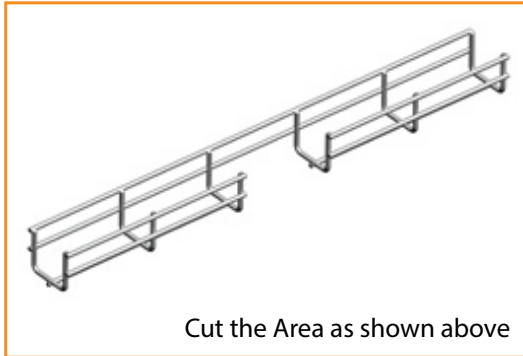
Installation Guide



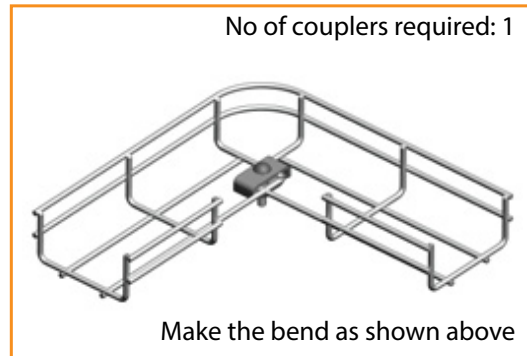
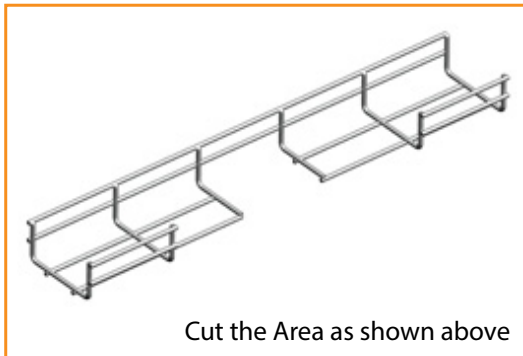
# TRAY SYSTEMS

## MAKING A BEND

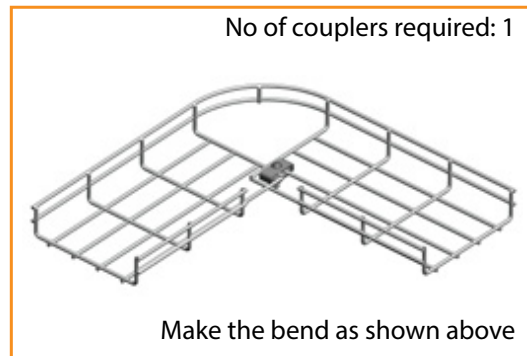
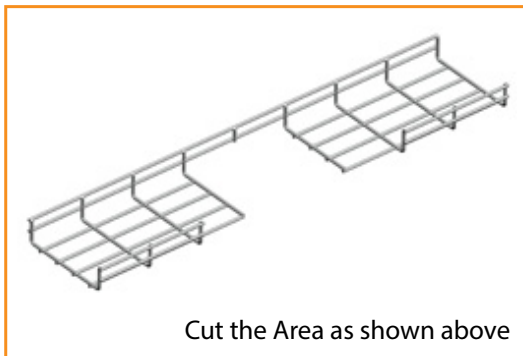
### TO MAKE A BEND WITH 50MM CABLE MESH



### TO MAKE A BEND WITH 100/150MM CABLE MESH



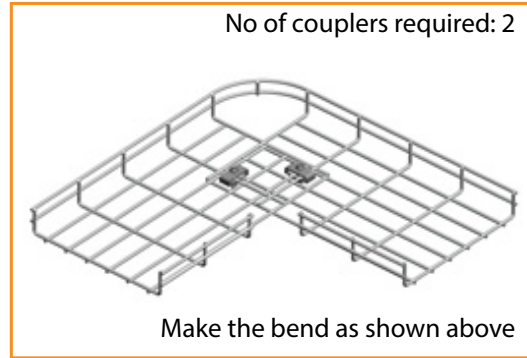
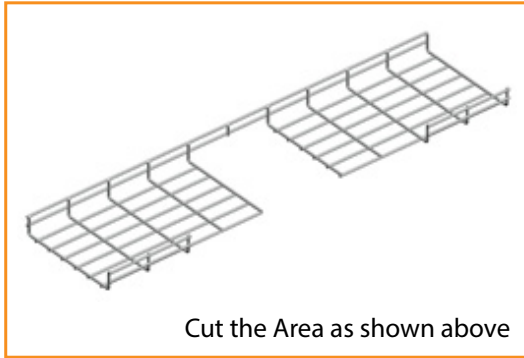
### TO MAKE A BEND WITH 200MM CABLE MESH



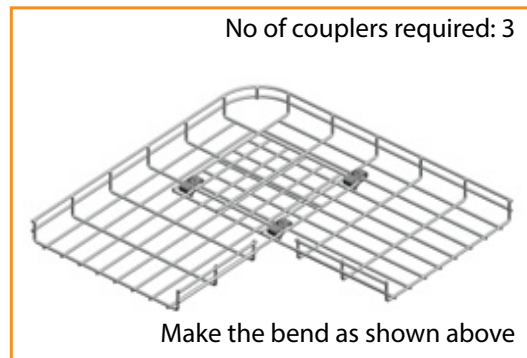
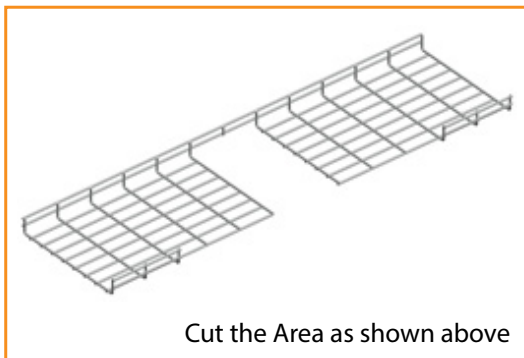
# TRAY SYSTEMS

## MAKING A BEND

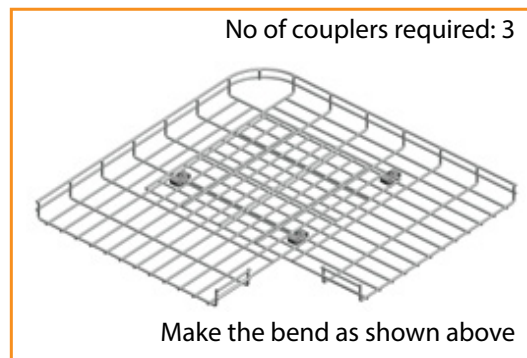
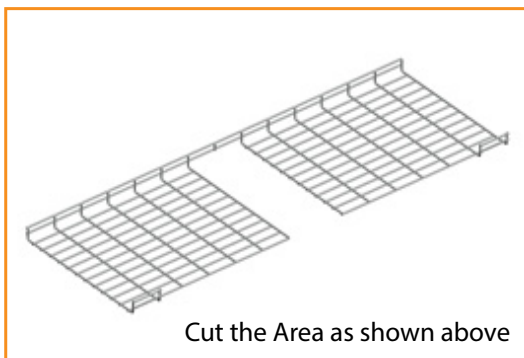
### TO MAKE A BEND WITH 300MM CABLE MESH



### TO MAKE A BEND WITH 400/450MM CABLE MESH



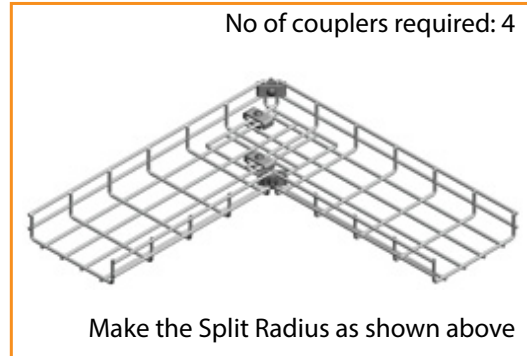
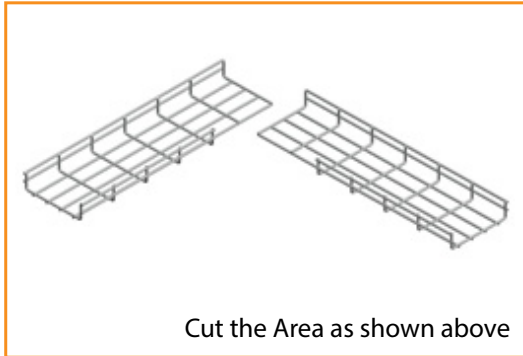
### TO MAKE A BEND WITH 500/600MM CABLE MESH



# TRAY SYSTEMS

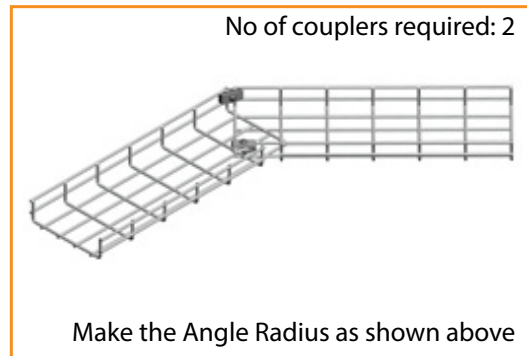
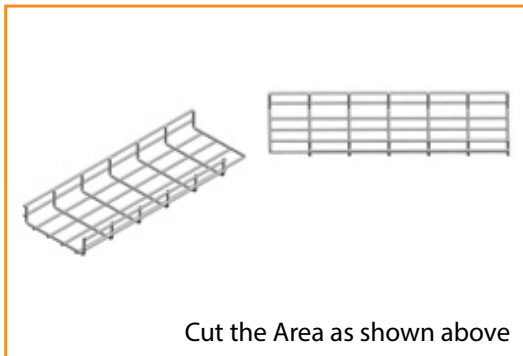
## MAKING A SPLIT JOINT

TO MAKE A SPLIT JOINT WITH 50-600MM CABLE MESH



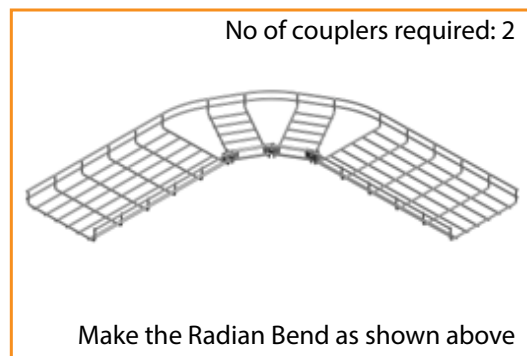
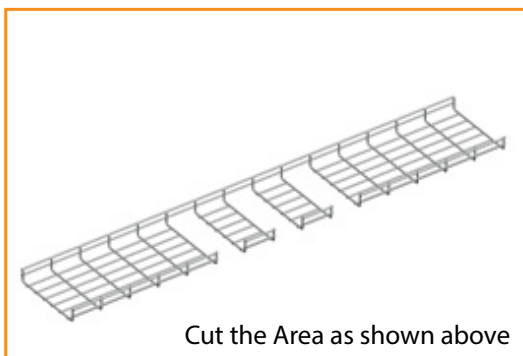
## MAKING AN ANGLE JOINT

TO MAKE AN ANGLE JOINT WITH 50-600MM CABLE MESH



## MAKING A RADIANT BEND

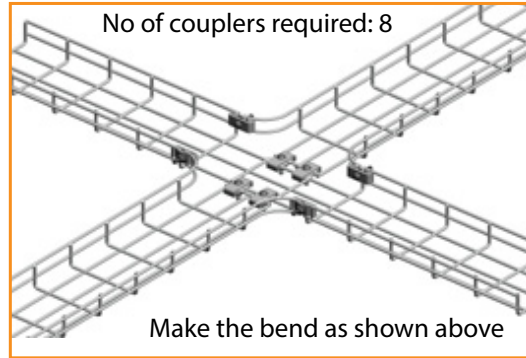
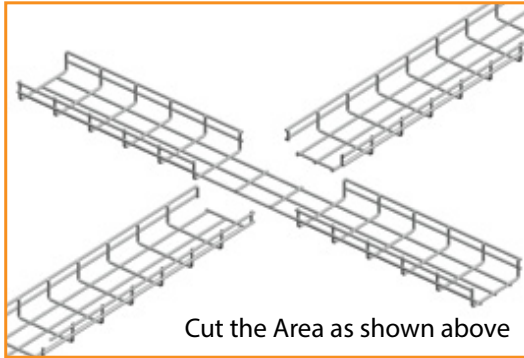
TO MAKE A RADIANT BEND WITH 50-600MM CABLE MESH



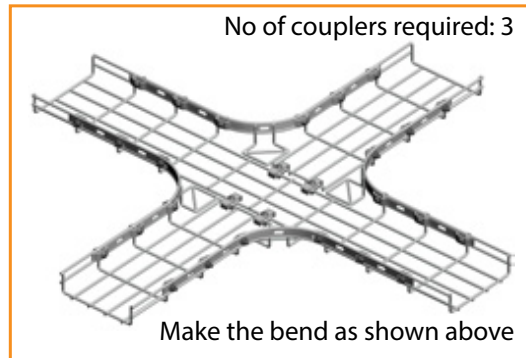
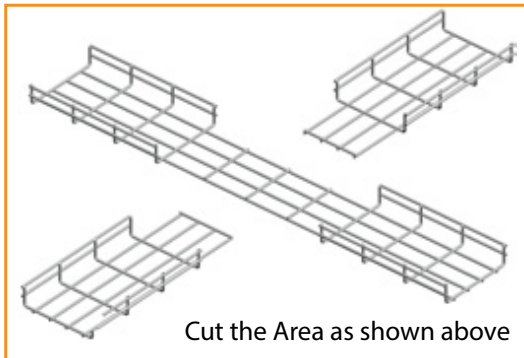
# TRAY SYSTEMS

## MAKING A CROSS JOINT

### TO MAKE A CROSS JOINT WITH COUPLERS FOR 50-600MM CABLE MESH



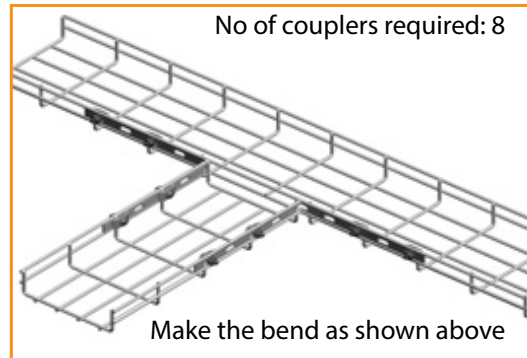
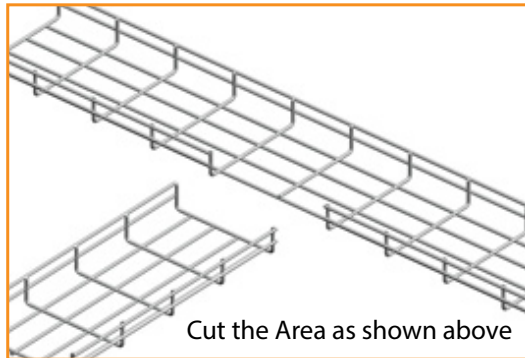
### TO MAKE A CROSS JOINT WITH RADIANT CONNECTORS FOR 50-600MM CABLE MESH



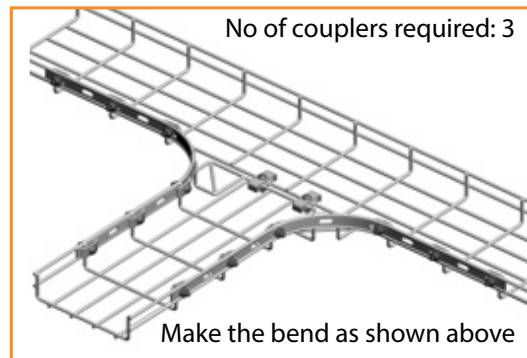
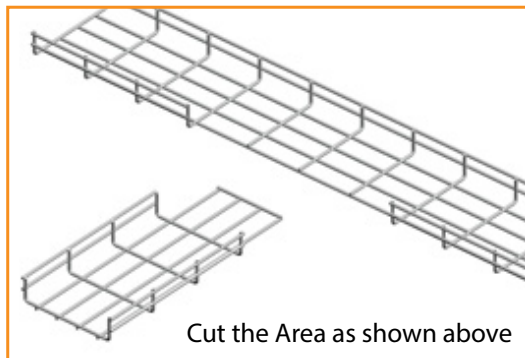
# TRAY SYSTEMS

## MAKING A T - JOINT

### TO MAKE A T-JOINT WITH CORNER STRENGTHENING BAR FOR 50-600MM CABLE MESH



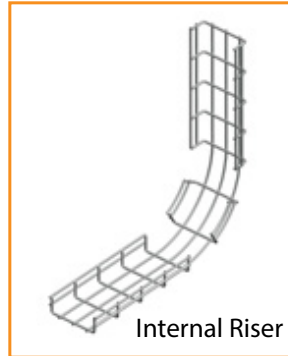
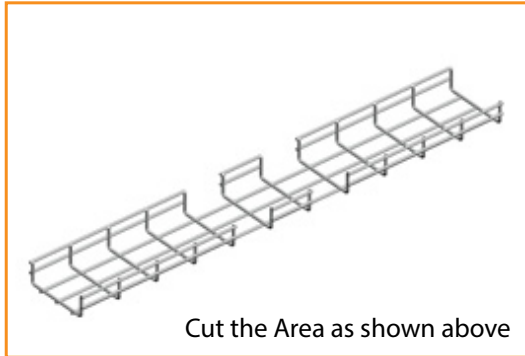
### TO MAKE A T-JOINT WITH RADIAN CONNECTOR FOR 50-600MM CABLE MESH



# TRAY SYSTEMS

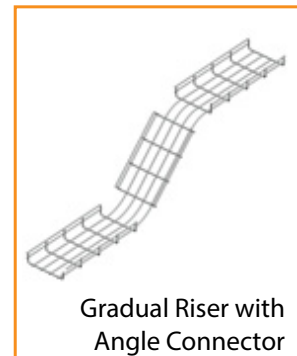
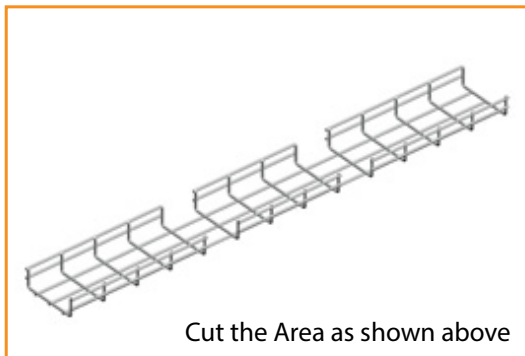
## MAKING AN INTERNAL/EXTERNAL RISER

TO MAKE AN INTERNAL/EXTERNAL RISER FOR 50-600MM CABLE MESH



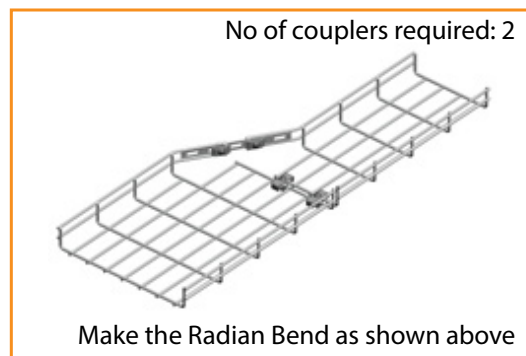
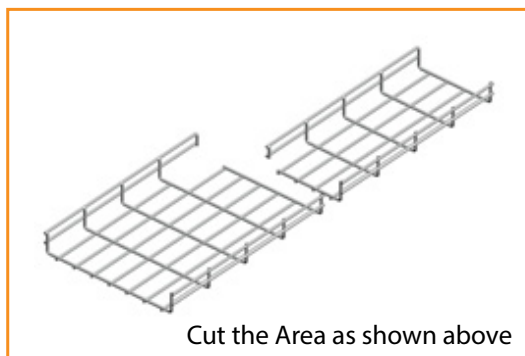
## MAKING A GRADUAL RISER

TO MAKE AN GRADUAL RISER FOR 50-600MM CABLE MESH



## MAKING A REDUCER

TO MAKE A REDUCER FOR 50-600MM CABLE MESH



# TRAY SYSTEMS

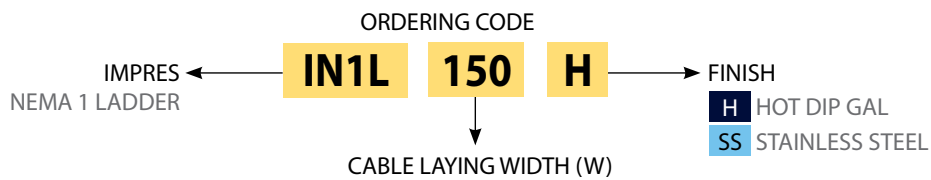
## GALVANISED STEEL LADDERS

### NEMA 1 LADDER

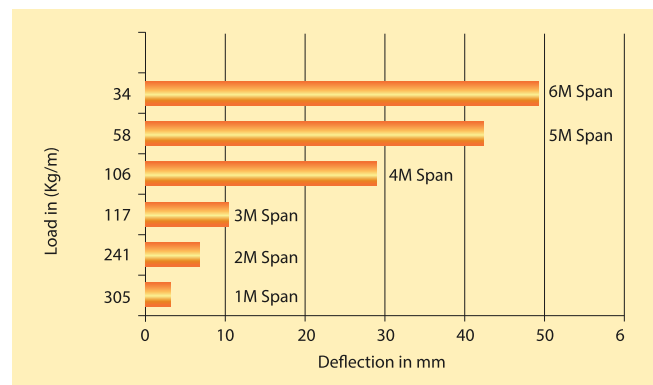
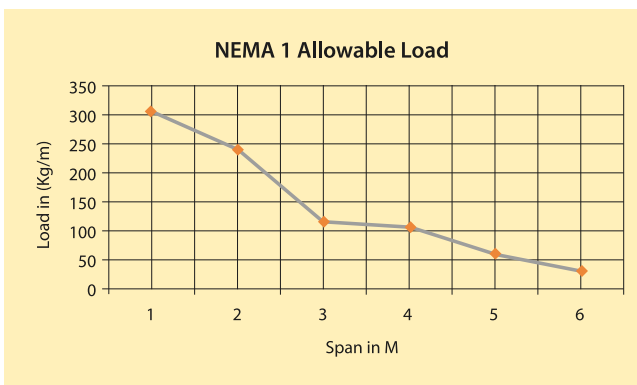


- Standard Length = 6m
- Overall Height = 75mm
- Cable Laying Depth = 60mm
- Stainless Steel Finish on firm orders only
- Other sizes available on firm orders only

NEMA 1 Ladder	Cable Laying Width (W)	Overall Width (W)
IN1L150	150	176 mm
IN1L300	300	326 mm
IN1L450	450	476 mm
IN1L600	600	626 mm
IN1L900	900	926 mm



### NEMA 1 Load Deflection Charts

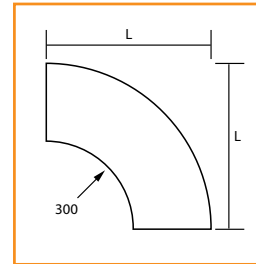
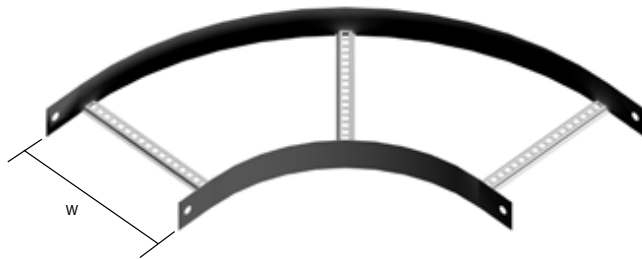


Note: Impres NEMA 1 cable ladders have been tested in accordance to the NEMA standards and all load ratings have been certified by NATA accredited facility.

# TRAY SYSTEMS

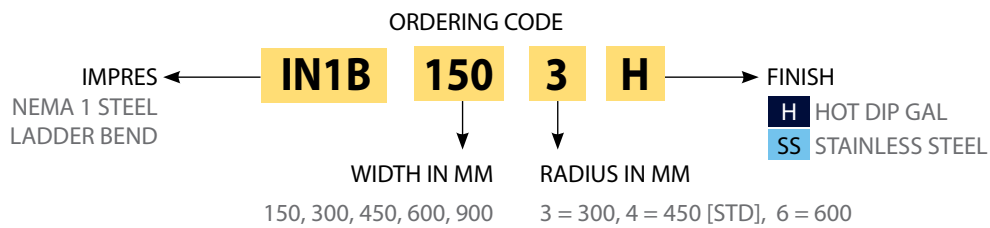
## GALVANISED STEEL LADDERS

### NEMA 1 CABLER LADDER BEND



**NOTE:** The Standard Radius for a NEMA 1 bend is 300mm. Other radius sizes are available on firm orders only

- Each NEMA 1 bend requires 4 x INLFKH (NEMA Bolts & Nuts)

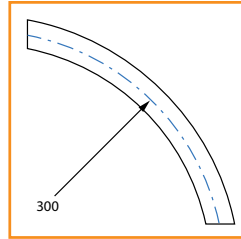
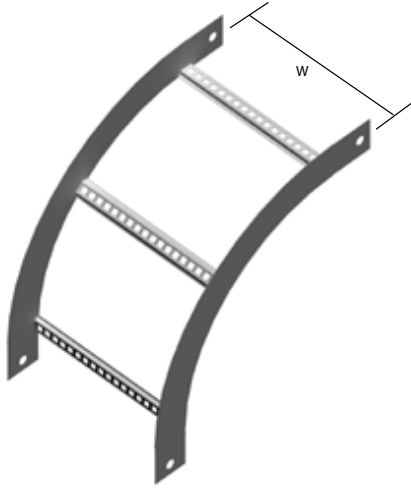


NEMA 1 Ladder	Width (W)	Length (L)	Radius (R)
IN1B150	150	450	300
IN1B300	300	600	300
IN1B450	450	750	300
IN1B600	600	900	300
IN1B900	900	1200	300

# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

### NEMA 1 EXTERNAL RISER



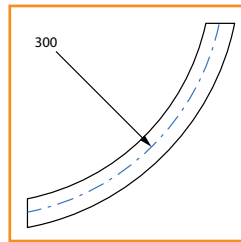
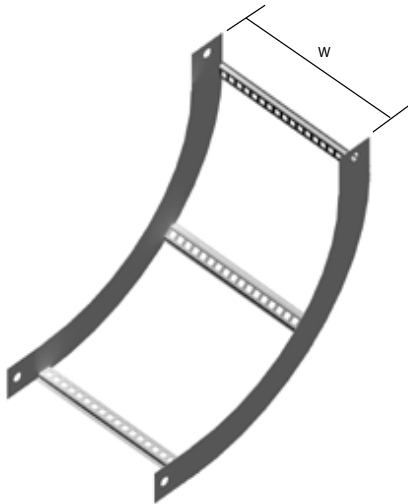
**NOTE:** The Standard Radius for a NEMA 1 External Riser is 300mm. Other radius sizes are available on firm orders only

Each NEMA 1 External Riser requires 4 x INLFKH (NEMA Bolts & Nuts)

ORDERING CODE

IMPRES NEMA 1 EXTERNAL RISER	<b>IN1ER</b>	<b>150</b>	<b>3</b>	<b>H</b>	FINISH				
		↓	↓		<table style="border: none;"> <tr> <td style="background-color: #003366; color: white; padding: 2px;">H</td> <td>HOT DIP GAL</td> </tr> <tr> <td style="background-color: #0099cc; color: white; padding: 2px;">SS</td> <td>STAINLESS STEEL</td> </tr> </table>	H	HOT DIP GAL	SS	STAINLESS STEEL
H	HOT DIP GAL								
SS	STAINLESS STEEL								
	WIDTH IN MM		RADIUS IN MM						
	150, 300, 450, 600, 900		3 = 300, 4 = 450 [STD], 6 = 600						

### NEMA 1 INTERNAL RISER



**NOTE:** The Standard Radius for a NEMA 1 Internal Riser is 300mm. Other radius sizes are available on firm orders only

Each NEMA 1 Internal Riser requires 4 x INLFKH (NEMA Bolts & Nuts)

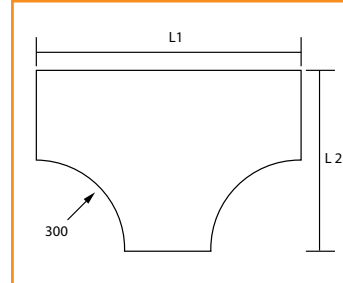
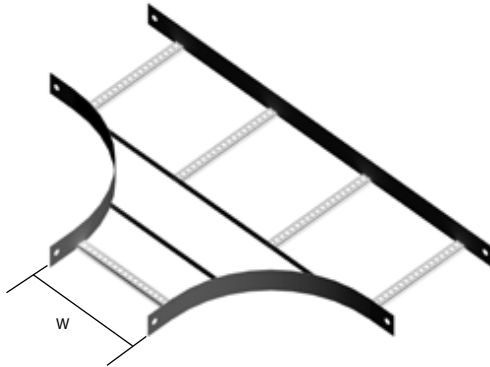
ORDERING CODE

IMPRES NEMA 1 INTERNAL RISER	<b>IN1IR</b>	<b>150</b>	<b>3</b>	<b>H</b>	FINISH				
		↓	↓		<table style="border: none;"> <tr> <td style="background-color: #003366; color: white; padding: 2px;">H</td> <td>HOT DIP GAL</td> </tr> <tr> <td style="background-color: #0099cc; color: white; padding: 2px;">SS</td> <td>STAINLESS STEEL</td> </tr> </table>	H	HOT DIP GAL	SS	STAINLESS STEEL
H	HOT DIP GAL								
SS	STAINLESS STEEL								
	WIDTH IN MM		RADIUS IN MM						
	150, 300, 450, 600, 900		3 = 300, 4 = 450 [STD], 6 = 600						

# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

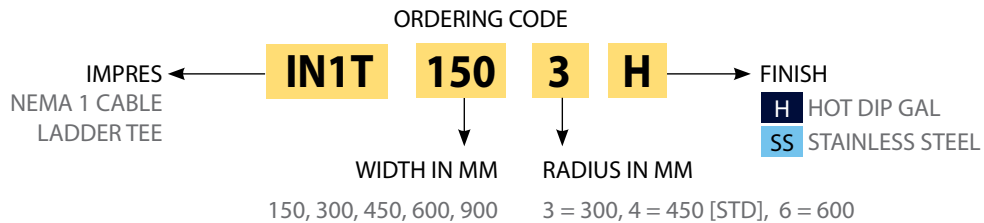
### NEMA 1 TEE



**NOTE:** The Standard Radius for a NEMA1 TEE is 300mm. Other radius sizes are available on firm orders only

- Each NEMA 1 TEE requires 8 x INLFKH (NEMA Bolts & Nuts)

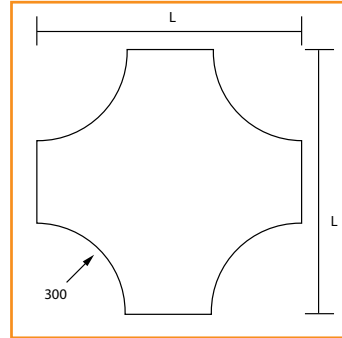
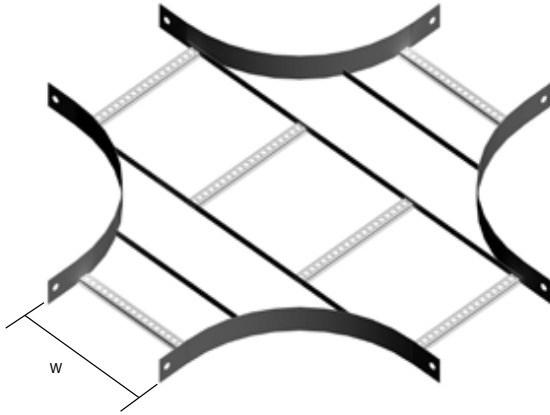
NEMA 1 Ladder	Width (W)	Length (L1)	Length (L2)
IN1T150	150	750	450
IN1T300	300	900	600
IN1T450	450	1050	750
IN1T600	600	1200	900
IN1T900	900	1500	1200



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

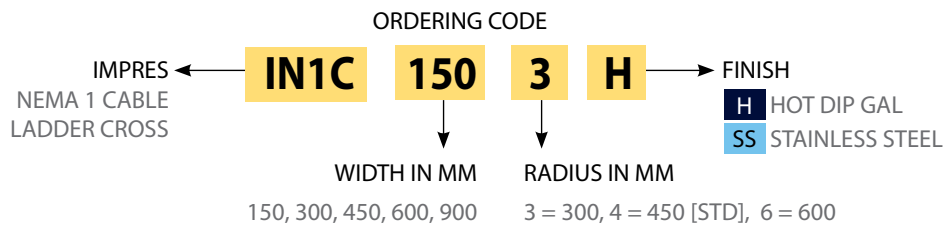
### NEMA 1 CABLE LADDER CROSS



**NOTE:** The Standard Radius for a NEMA 1 Cable Ladder Cross is 300mm. Other radius sizes are available on firm orders only

- Each NEMA 1 Cable Ladder Cross requires 8 x INLFKH (NEMA Bolts & Nuts)

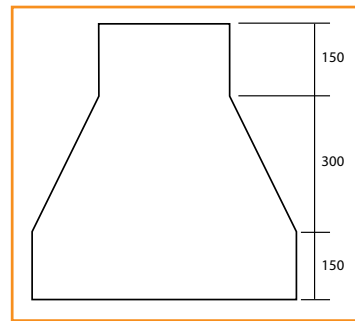
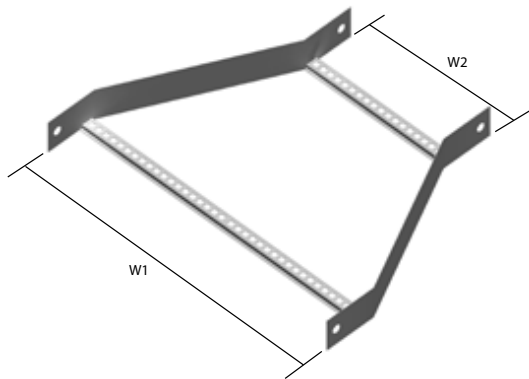
NEMA 1 Ladder	Width (W)	Length (L)
IN1C150	150	750
IN1C300	300	900
IN1C450	450	1050
IN1C600	600	1200
IN1C900	900	1500



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

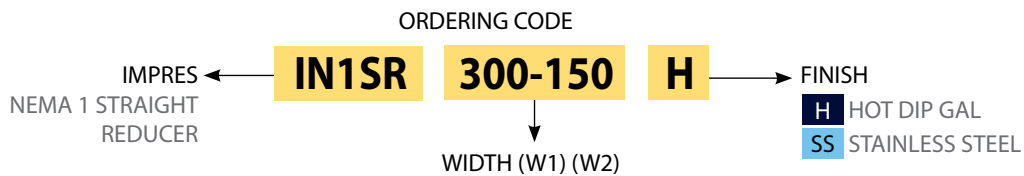
### NEMA 1 CABLE LADDER STRAIGHT REDUCER



**IMPORTANT:** The NEMA 1 Cable Ladder Reducers are available on firm orders only

- Each NEMA 1 Cable Ladder Reducer requires 4 x INLFKH (NEMA Bolts & Nuts)

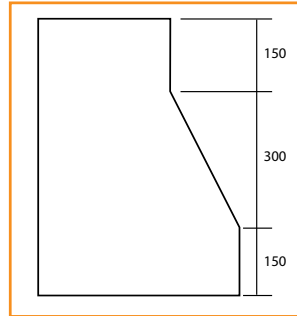
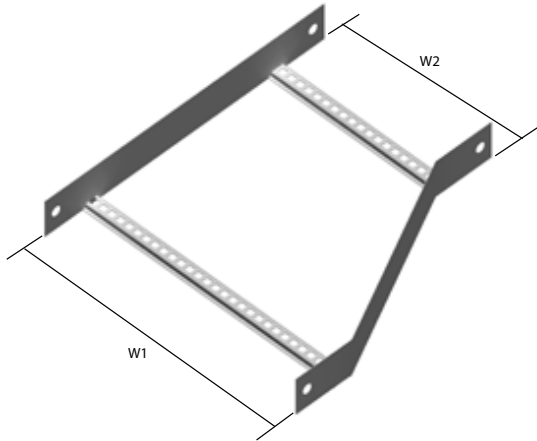
NEMA 1 Ladder	Width (W1)	Width (W2)
IN1SR300-150	300	150
IN1SR450-150	450	150
IN1SR450-300	450	300
IN1SR600-150	600	150
IN1SR600-300	600	300
IN1SR600-450	600	450
IN1SR900-150	900	150
IN1SR900-300	900	300
IN1SR900-450	900	450
IN1SR900-600	900	600



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

### NEMA 1 LEFT HAND REDUCER

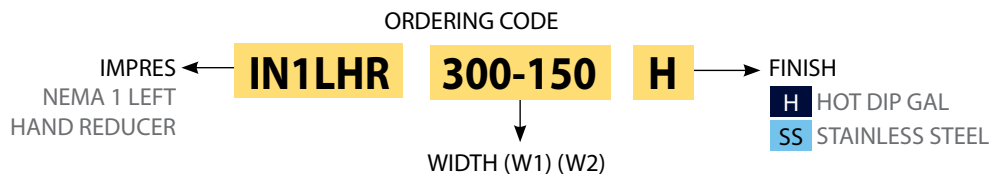


**IMPORTANT:** The NEMA 1 Cable Ladder Left Hand Reducer is available on firm orders only

- Each NEMA 1 Cable Ladder Left Hand Reducer requires 4 x INLFKH (NEMA Bolts & Nuts)

#### ORDERING CODES

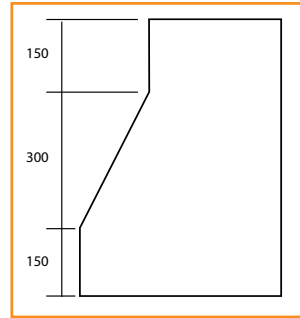
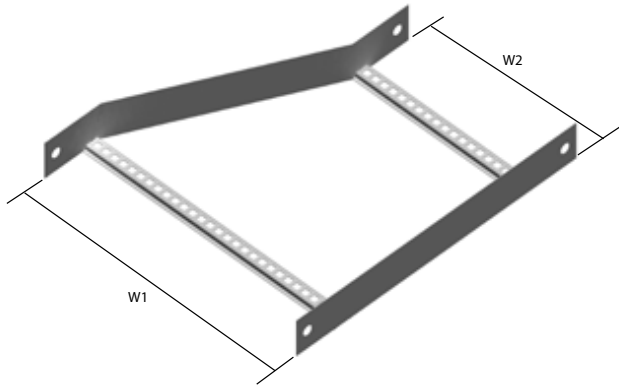
NEMA 1 Ladder	Width (W1)	Width (W2)
IN1LHR300-150	300	150
IN1LHR450-150	450	150
IN1LHR450-300	450	300
IN1LHR600-150	600	150
IN1LHR600-300	600	300
IN1LHR600-450	600	450
IN1LHR900-150	900	150
IN1LHR900-300	900	300
IN1LHR900-450	900	450
IN1LHR900-600	900	600



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

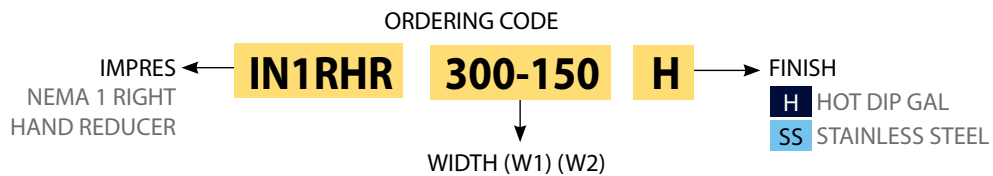
### NEMA 1 RIGHT HAND REDUCER



**IMPORTANT:** The NEMA 1 Cable Ladder Right Hand Reducer is available on firm orders only

- Each NEMA 1 Cable Ladder Right Hand Reducer requires 4 x INLFKH (NEMA Bolts & Nuts)

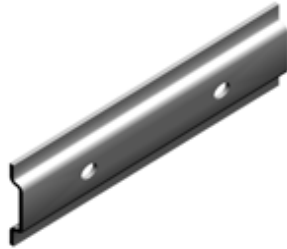
NEMA 1 Ladder	Width (W1)	Width (W2)
IN1RHR300-150	300	150
IN1RHR450-150	450	150
IN1RHR450-300	450	300
IN1RHR600-150	600	150
IN1RHR600-300	600	300
IN1RHR600-450	600	450
IN1RHR900-150	900	150
IN1RHR900-300	900	300
IN1RHR900-450	900	450
IN1RHR900-600	900	600



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

### NEMA 1 SPLICE PLATE



Each splice plate kit includes hardware (2 x IHHB0820H)

ORDERING CODE

IMPRES ← **IN1S** **H** → FINISH

NEMA 1 SPLICE PLATE

**H** HOT DIP GAL  
**SS** STAINLESS STEEL

### NEMA 1 VERTICAL SPLICE PLATE



Each vertical splice plate kit includes hardware (2 x IHHB0820H)

ORDERING CODE

IMPRES ← **IN1VS** **H** → FINISH

NEMA 1 VERTICAL SPLICE PLATE

**H** HOT DIP GAL  
**SS** STAINLESS STEEL

### NEMA 1 HORIZONTAL SPLICE PLATE



Each horizontal splice plate kit includes hardware (2 x IHHB0820H)

ORDERING CODE

IMPRES ← **IN1HS** **H** → FINISH

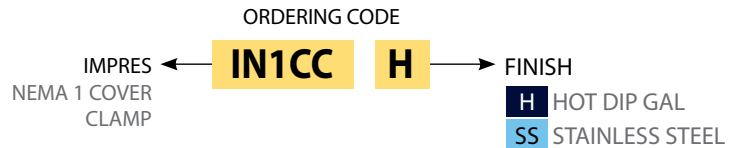
NEMA 1 HORIZONTAL SPLICE PLATE

**H** HOT DIP GAL  
**SS** STAINLESS STEEL

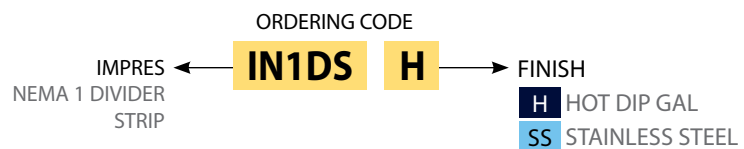
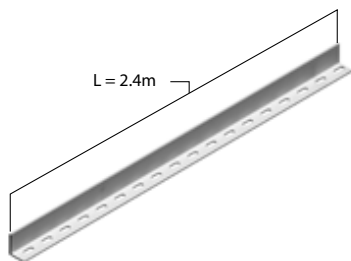
# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

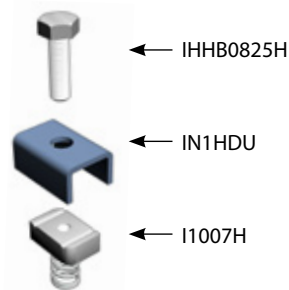
### NEMA 1 COVER CLAMP



### NEMA 1 DIVIDER STRIP

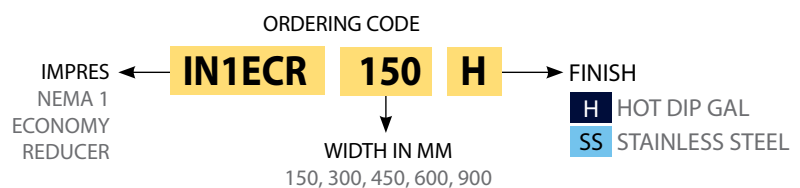


### NEMA 1 HOLD DOWN BRACKET KIT



■ Each hold down kit contains 1 x IN1HDU, 1 x I1007H and 1 x IHHB0825H

### NEMA 1 ECONOMY REDUCER



NOTE: Reduction of Ladder Width is normally carried out using straight left hand or Right hand reducers. Economy Reducers are a flexible, cost effective alternative.

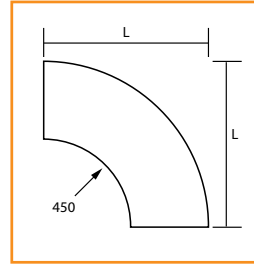




# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

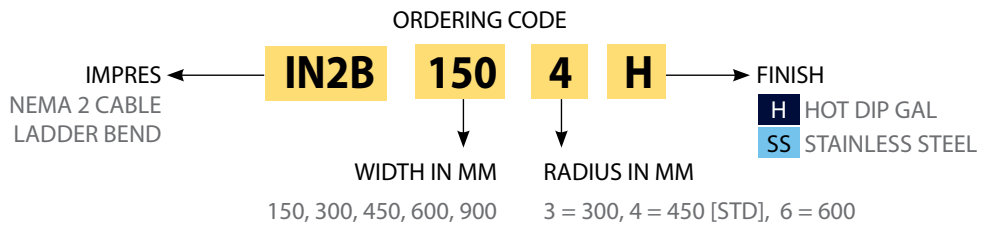
### NEMA 2 CABLE LADDER BEND



**NOTE:** The Standard Radius for a NEMA 2 bend is 450mm. Other radius sizes are available on firm orders only

- Each NEMA 2 bend requires 8 x INLFKH (NEMA Bolts & Nuts)

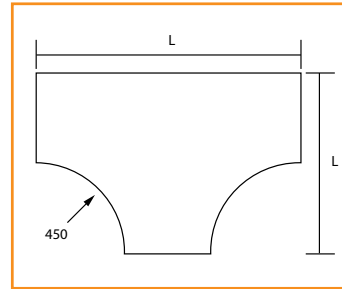
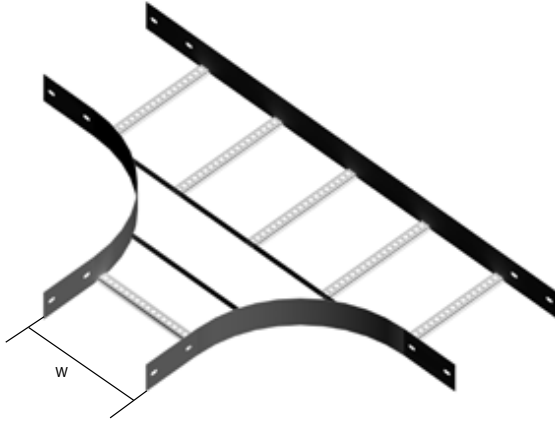
NEMA 2 Ladder	Width (W)	Length (L)
IN2B150	150	450
IN2B300	300	750
IN2B450	450	900
IN2B600	600	1050
IN2B900	900	1350



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

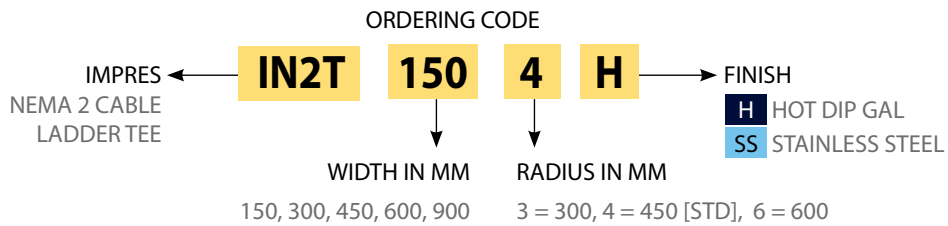
### NEMA 2 CABLER LADDER TEE



**NOTE:** The Standard Radius for a NEMA 2 TEE is 450mm. Other radius sizes are available on firm orders only

- Each NEMA 2 TEE requires 12 x INLFKH (NEMA Bolts & Nuts)

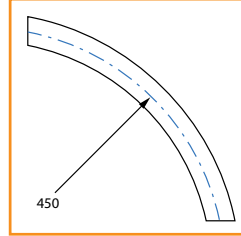
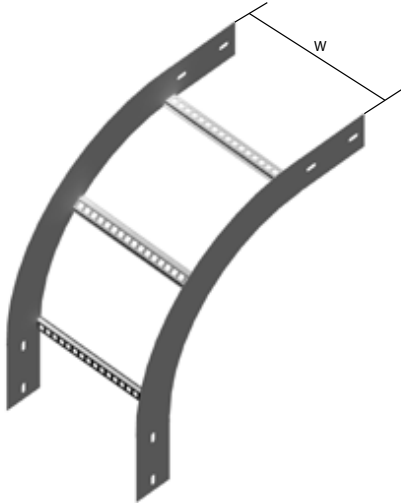
NEMA 2 Ladder	Width (W)	Length (L1)	Length (L2)
IN2T150	150	1050	600
IN2T300	300	1200	750
IN2T450	450	1350	900
IN2T600	600	1500	1050
IN2T900	900	1800	1350



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

### NEMA 2 EXTERNAL RISER



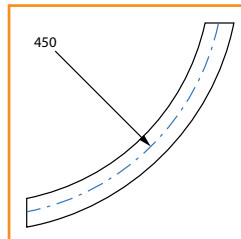
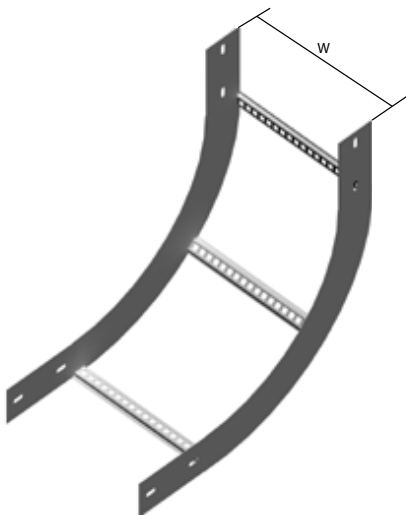
**NOTE:** The Standard Radius for a NEMA 2 External Riser is 450mm. Other radius sizes are available on firm orders only

- Each NEMA 2 External Riser requires 8 x INLFKH (NEMA Bolts & Nuts)

ORDERING CODE

IMPRES NEMA 2 EXTERNAL RISER	<b>IN2ER</b>	<b>150</b>	<b>4</b>	<b>H</b>	FINISH
		↓	↓		<b>H</b> HOT DIP GAL
		WIDTH IN MM	RADIUS IN MM		<b>SS</b> STAINLESS STEEL
		150, 300, 450, 600, 900	3 = 300, 4 = 450 [STD], 6 = 600		

### NEMA 2 INTERNAL RISER



**NOTE:** The Standard Radius for a NEMA 2 Internal Riser is 450mm. Other radius sizes are available on firm orders only

- Each NEMA 2 Internal Riser requires 8 x INLFKH (NEMA Bolts & Nuts)

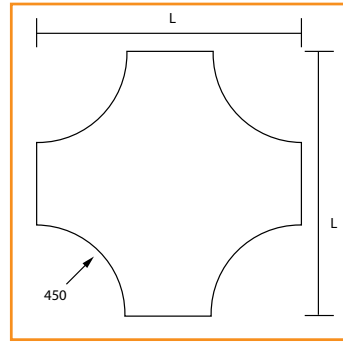
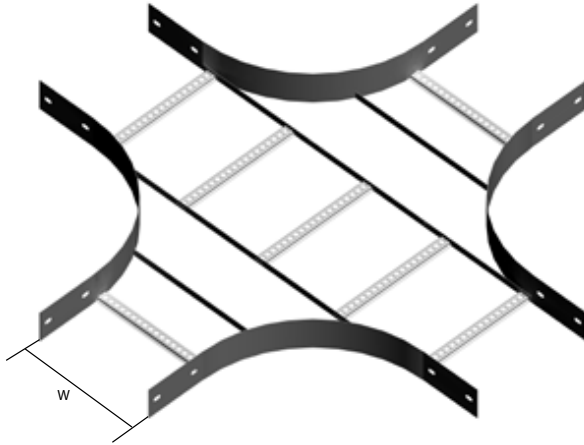
ORDERING CODE

IMPRES NEMA 2 INTERNAL RISER	<b>IN2IR</b>	<b>150</b>	<b>4</b>	<b>H</b>	FINISH
		↓	↓		<b>H</b> HOT DIP GAL
		WIDTH IN MM	RADIUS IN MM		<b>SS</b> STAINLESS STEEL
		150, 300, 450, 600, 900	3 = 300, 4 = 450 [STD], 6 = 600		

# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

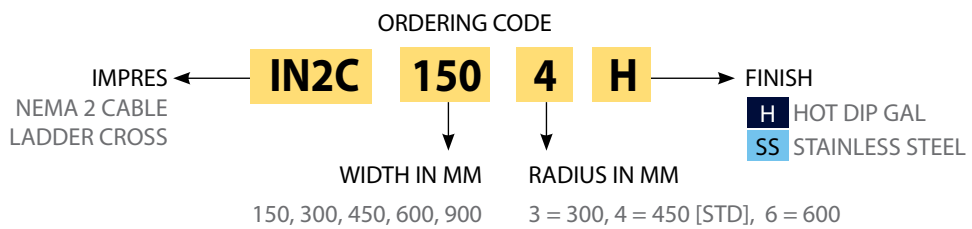
### NEMA 2 CABLE LADDER CROSS



**IMPORTANT:** The NEMA 2 Cable Ladder Cross is available on firm orders only

- Each NEMA 2 Cable Ladder Cross requires 16 x INLFBKH (NEMA Bolts & Nuts)

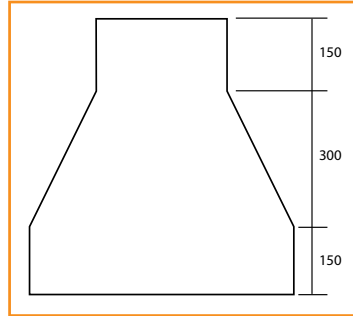
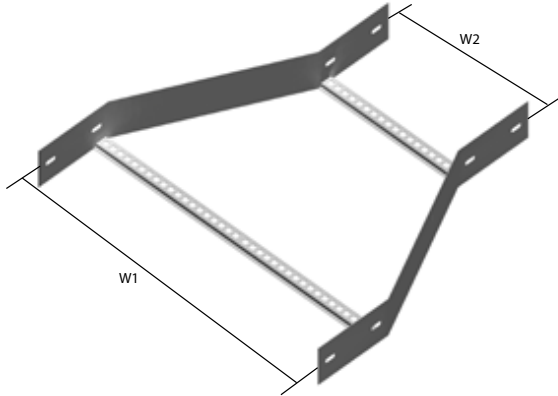
NEMA 2 Ladder	Width (W)	Length (L)
IN2C150	150	1050
IN2C300	300	1200
IN2C450	450	1350
IN2C600	600	1500
IN2C900	900	1800



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

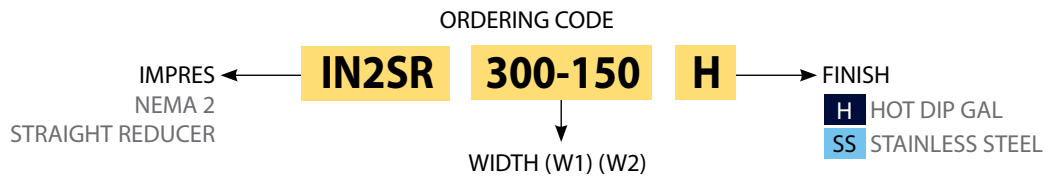
### NEMA 2 CABLE LADDER STRAIGHT REDUCER



**IMPORTANT:** The NEMA 2 Cable Ladder Reducer is available on firm orders only

- Each NEMA 2 Cable Ladder Reducer requires 8 x INLFKH (NEMA Bolts & Nuts)

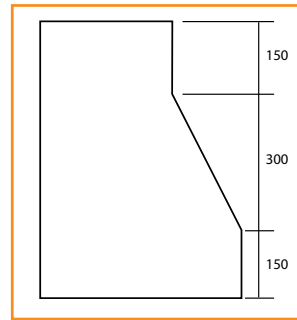
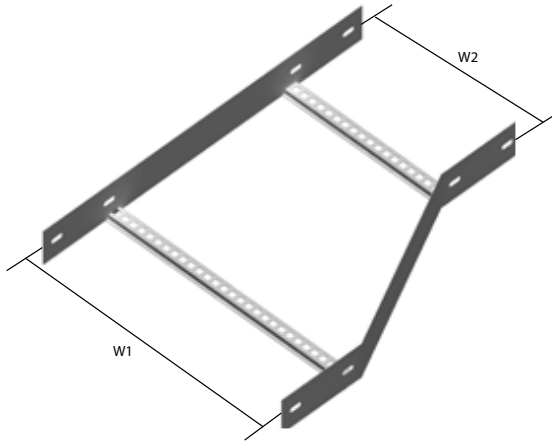
NEMA 2 Ladder	Width (W1)	Width (W2)
IN2SR300-150	300	150
IN2SR450-150	450	150
IN2SR450-300	450	300
IN2SR600-150	600	150
IN2SR600-300	600	300
IN2SR600-450	600	450
IN2SR900-150	900	150
IN2SR900-300	900	300
IN2SR900-450	900	450
IN2SR900-600	900	600



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

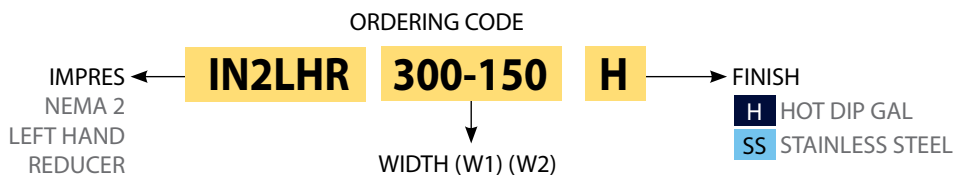
### NEMA 2 LEFT HAND REDUCER



**IMPORTANT:** The NEMA 2 Cable Ladder Left Hand Reducer is available on firm orders only

- Each NEMA 2 Cable Ladder Left Hand Reducer requires 8 x INLFKH (NEMA Bolts & Nuts)

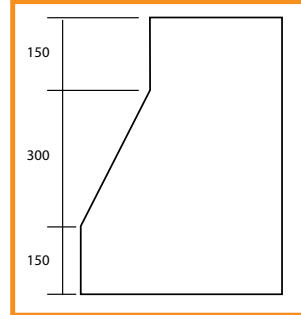
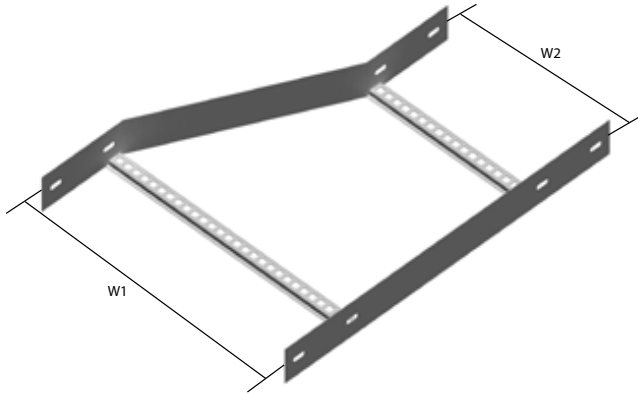
NEMA 2 Ladder	Width (W1)	Width (W2)
IN2LHR300-150	300	150
IN2LHR450-150	450	150
IN2LHR450-300	450	300
IN2LHR600-150	600	150
IN2LHR600-300	600	300
IN2LHR600-450	600	450
IN2LHR900-150	900	150
IN2LHR900-300	900	300
IN2LHR900-450	900	450
IN2LHR900-600	900	600



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

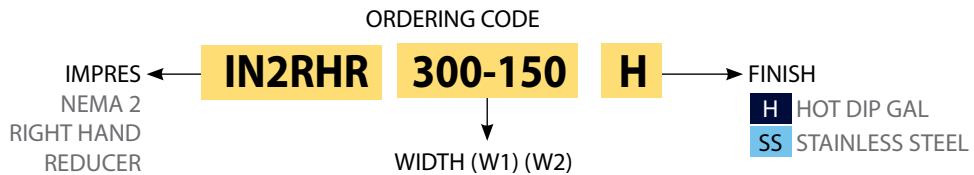
### NEMA 2 RIGHT HAND REDUCER



**IMPORTANT:** The NEMA 2 Cable Ladder Right Hand Reducer is available on firm orders only

- Each NEMA 2 Cable Ladder Right Hand Reducer requires 8 x INLFKH (NEMA Bolts & Nuts)

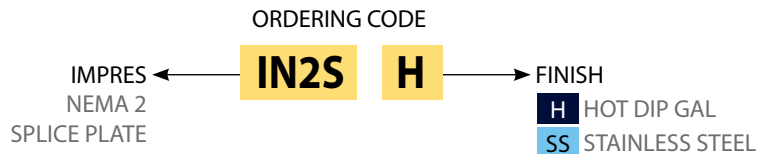
NEMA 2 Ladder	Width (W1)	Width (W2)
IN2RHR300-150	300	150
IN2RHR450-150	450	150
IN2RHR450-300	450	300
IN2RHR600-150	600	150
IN2RHR600-300	600	300
IN2RHR600-450	600	450
IN2RHR900-150	900	150
IN2RHR900-300	900	300
IN2RHR900-450	900	450
IN2RHR900-600	900	600



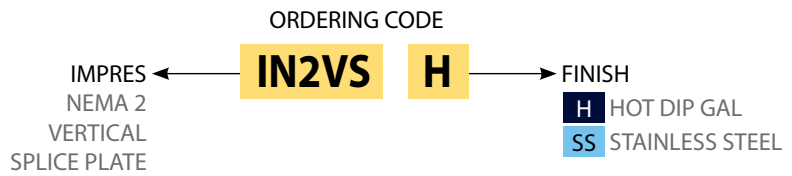
# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

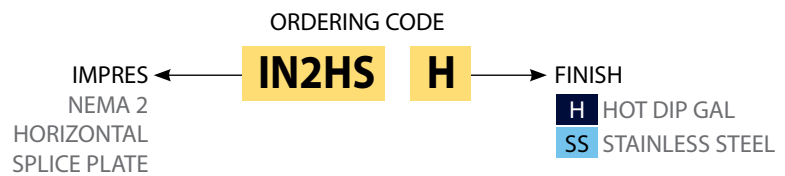
### NEMA 2 SPLICE PLATE



### NEMA 2 VERTICAL SPLICE PLATE



### NEMA 2 HORIZONTAL SPLICE PLATE



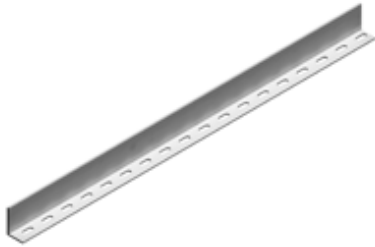
### NEMA 2 COVER CLAMP



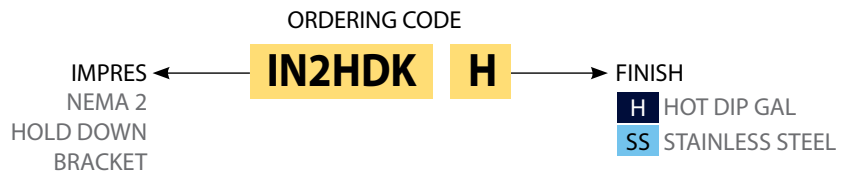
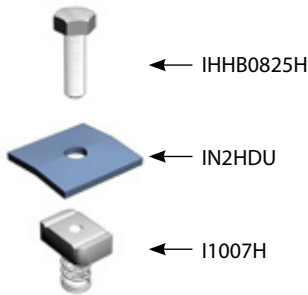
# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

### NEMA 2 DIVIDER STRIP

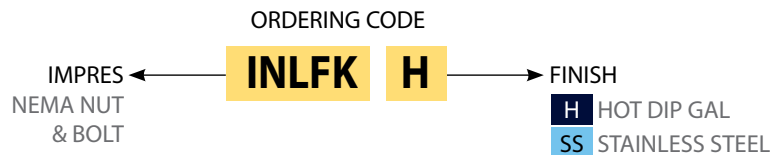
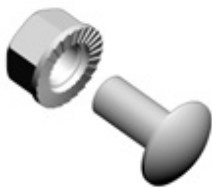


### NEMA 2 HOLD DOWN BRACKET

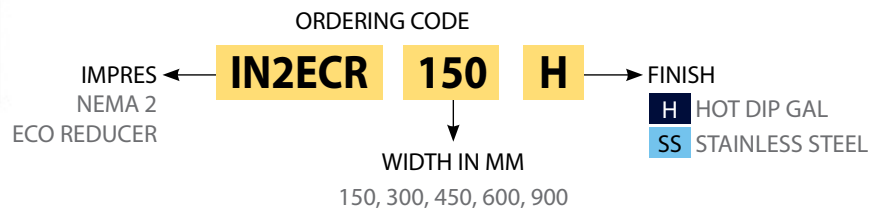


Each hold down kit contains 1 x IN2HDU, 1 x I1007H and 1 x IHHB0825H

### NEMA BOLT & NUT



### NEMA 2 ECO REDUCER

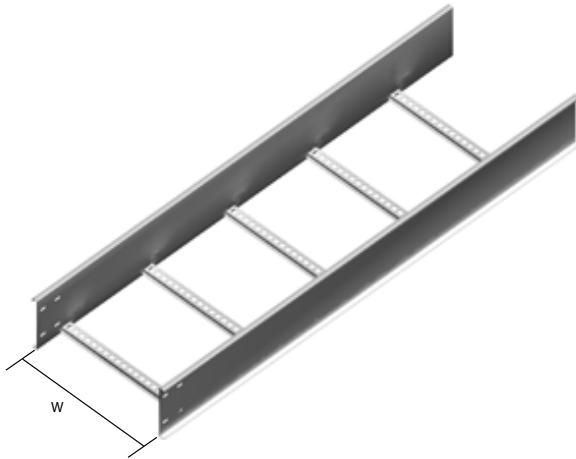


NOTE: Reduction of Ladder Width is normally carried out using straight left hand or Right hand reducers. Economy Reducers are a flexible, cost effective alternative.

# TRAY SYSTEMS

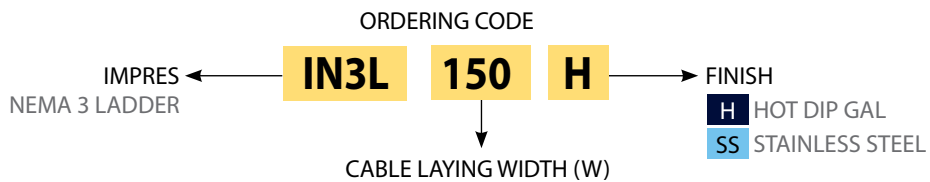
## GALVANISED STEEL LADDERS

### NEMA 3 LADDER

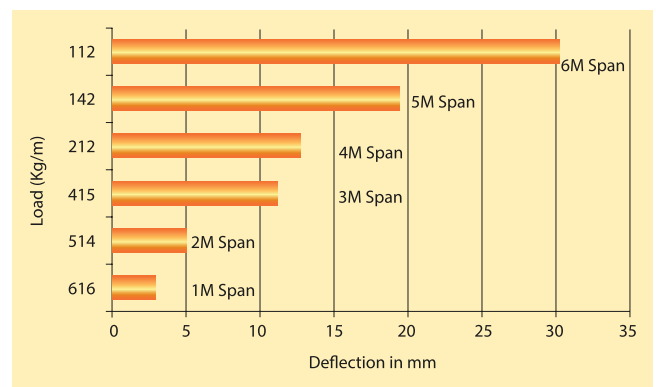
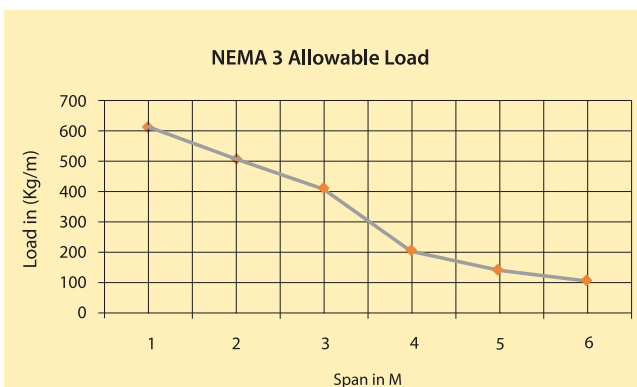


- Standard Length = 6m
- Overall Height = 130mm
- Cable Laying Depth = 112mm
- Stainless Steel Finish on firm orders only
- Other sizes available on firm orders only

NEMA 3 Ladder	Cable Laying Width (W)	Overall Width (W)
IN3L150	150	214 mm
IN3L300	300	364 mm
IN3L450	450	514 mm
IN3L600	600	664 mm
IN3L900	900	964 mm



#### NEMA 3 Load Deflection Charts

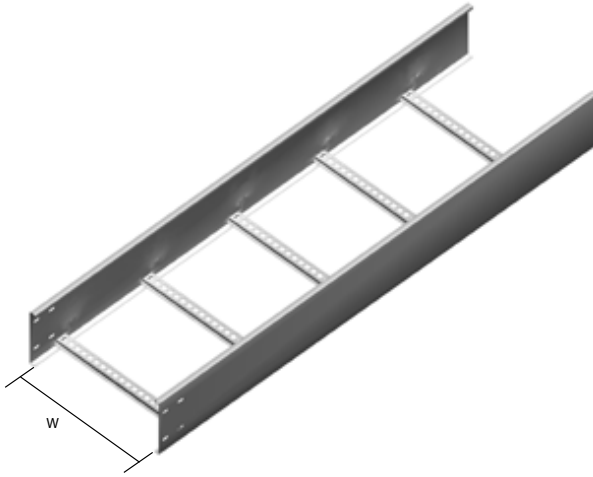


Note: Impres NEMA 3 cable ladders have been tested in accordance to the NEMA standards and all load ratings have been certified by NATA accredited facility.

# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

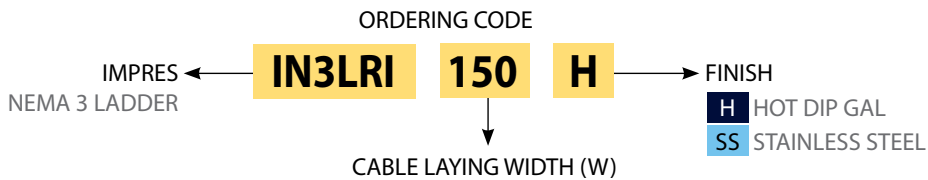
### NEMA 3 LADDER - (RAIL IN)



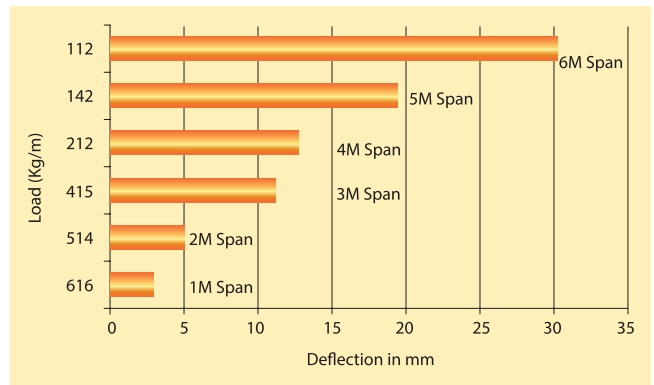
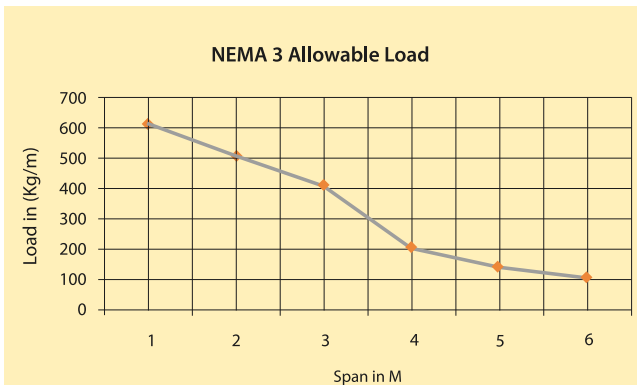
**IMPORTANT:** The NEMA 3 Rail In Ladder is available on firm orders only

- Standard Length = 6m
- Overall Height = 130mm
- Cable Laying depth = 112mm

NEMA 3 Ladder	Cable Laying Width (W)	Overall Width (W)
N3LRI150	150	154 mm
N3LRI300	300	304 mm
N3LRI450	450	454 mm
N3LRI600	600	604 mm
N3LRI900	900	904 mm



#### NEMA 3 Load Deflection Charts

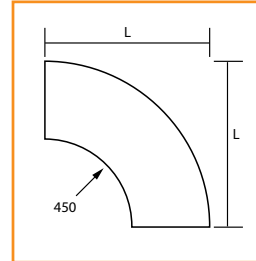


Note: Impres NEMA 3 cable ladders have been tested in accordance to the NEMA standards and all load ratings have been certified by NATA accredited facility.

# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

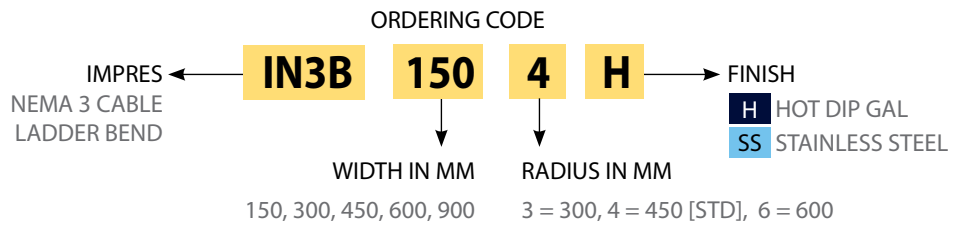
### NEMA 3 CABLE LADDER BEND



**NOTE:** The Standard Radius for a NEMA 3 bend is 450mm. Other radius sizes are available on firm orders only

- Each NEMA 3 bend requires 16 x INLFKH (NEMA Bolts & Nuts)

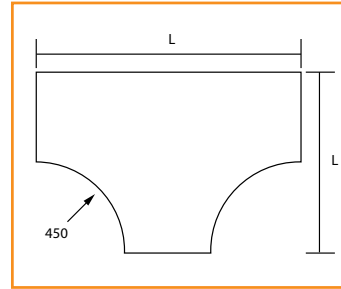
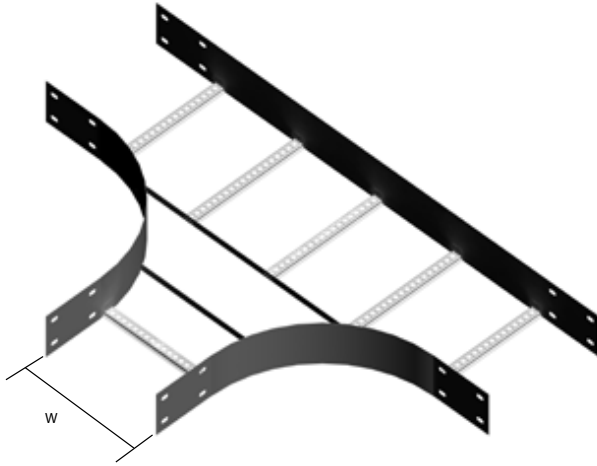
NEMA 3 Ladder	Width (W)	Length (L)
IN3B150	150	450
IN3B300	300	750
IN3B450	450	900
IN3B600	600	1050
IN3B900	900	1350



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

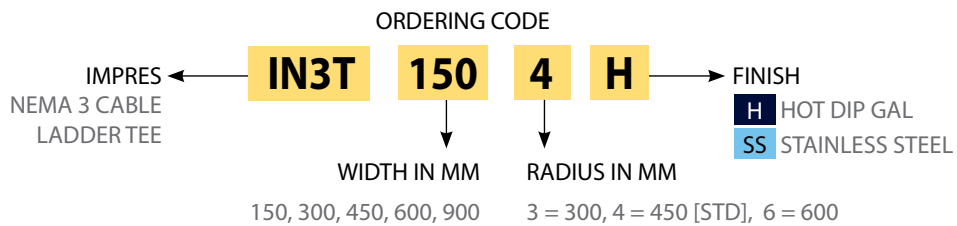
### NEMA 3 CABLER LADDER TEE



**NOTE:** The Standard Radius for a NEMA 3 TEE is 450mm. Other radius sizes are available on firm orders only

- Each NEMA 3 TEE requires 24 x INLFKH (NEMA Bolts & Nuts)

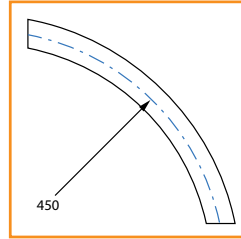
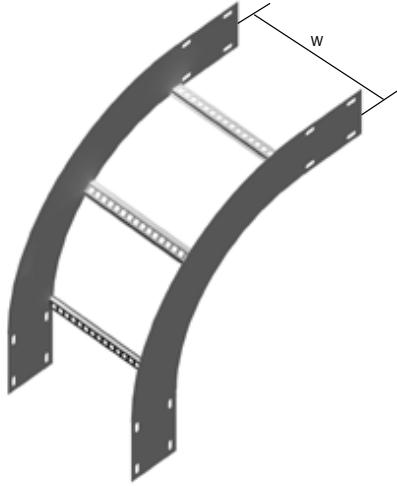
NEMA 3 Ladder	Width (W)	Length (L1)	Length (L2)
IN3T150	150	1050	600
IN3T300	300	1200	750
IN3T450	450	1350	900
IN3T600	600	1500	1050
IN3T900	900	1800	1350



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

### NEMA 3 EXTERNAL RISER



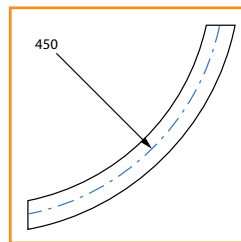
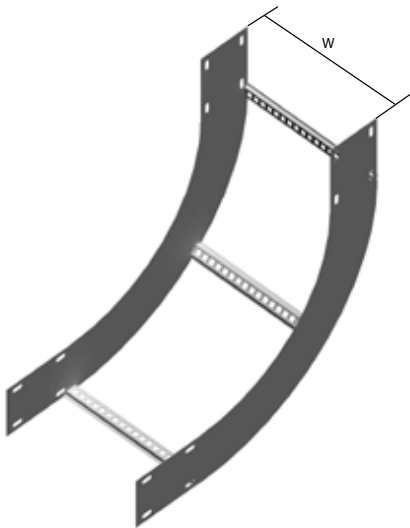
**NOTE:** The Standard Radius for a NEMA 3 External Riser is 450mm. Other radius sizes are available on firm orders only

■ Each NEMA 3 External Riser requires 16 x INLFKH (NEMA Bolts & Nuts)

ORDERING CODE

IMPRES NEMA 3 EXTERNAL RISER	<b>IN3ER</b>	<b>150</b>	<b>4</b>	<b>H</b>	FINISH
		WIDTH (W)	RADIUS		<b>H</b> HOT DIP GAL <b>SS</b> STAINLESS STEEL
		150, 300, 450, 600, 900	3 = 300mm, 4 = 450mm [STD], 6 = 600mm		

### NEMA 3 INTERNAL RISER



**NOTE:** The Standard Radius for a NEMA 3 Internal Riser is 450mm. Other radius sizes are available on firm orders only

■ Each NEMA 3 Internal Riser requires 16 x INLFKH (NEMA Bolts & Nuts)

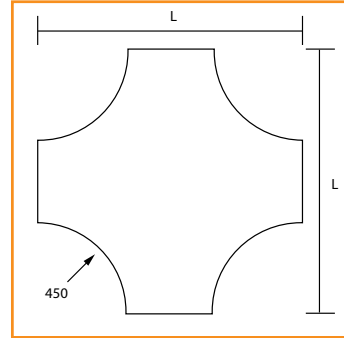
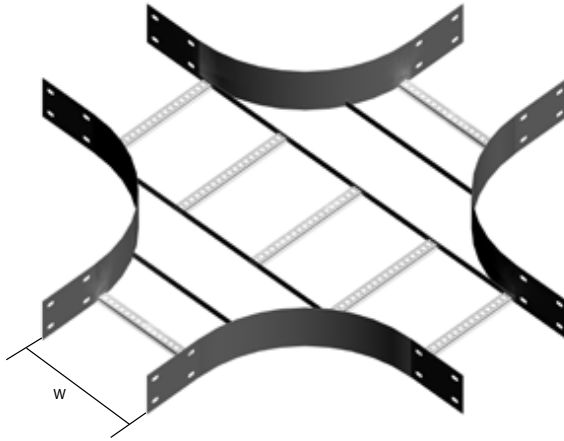
ORDERING CODE

IMPRES NEMA 3 INTERNAL RISER	<b>IN3IR</b>	<b>150</b>	<b>4</b>	<b>H</b>	FINISH
		WIDTH IN MM	RADIUS IN MM		<b>H</b> HOT DIP GAL <b>SS</b> STAINLESS STEEL
		150, 300, 450, 600, 900	3 = 300, 4 = 450 [STD], 6 = 600		

# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

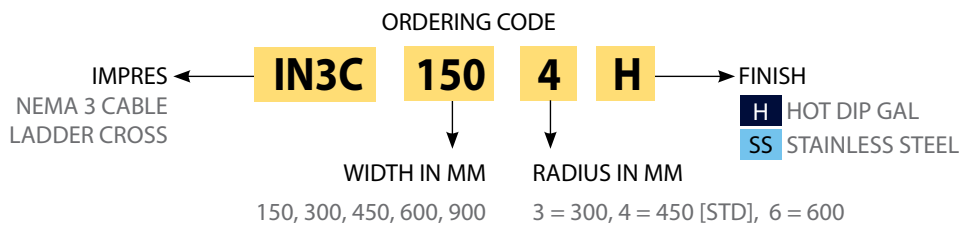
### NEMA 3 CABLE LADDER CROSS



**IMPORTANT:** The NEMA 3 Cable Ladder Cross is available on firm orders only

- Each NEMA 3 Cable Ladder Cross requires 32 x INLFKH (NEMA Bolts & Nuts)

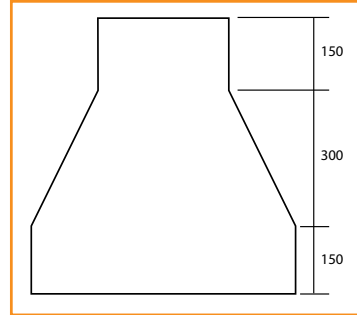
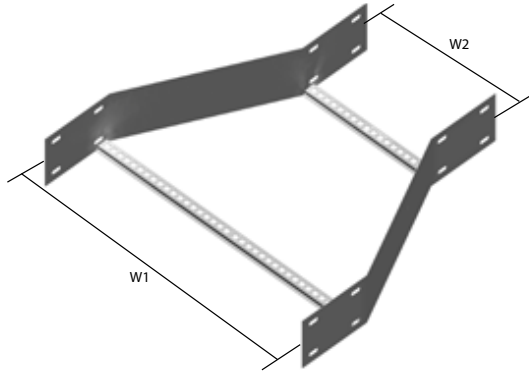
NEMA 3 Ladder	Width (W)	Length (L)
IN3C150	150	1050
IN3C300	300	1200
IN3C450	450	1350
IN3C600	600	1500
IN3C900	900	1800



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

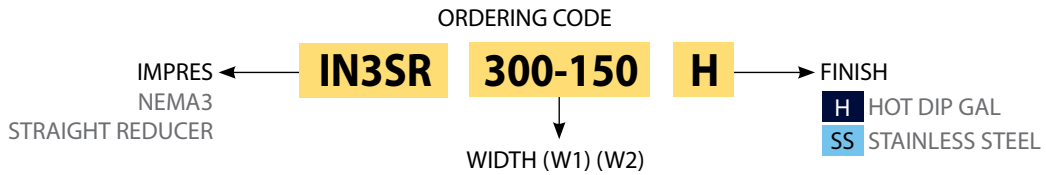
### NEMA 3 CABLE LADDER STRAIGHT REDUCER



**IMPORTANT:** The NEMA 3 Cable Ladder Reducer is available on firm orders only

- Each NEMA 3 Cable Ladder Reducer requires 16 x INLFKH (NEMA Bolts & Nuts)

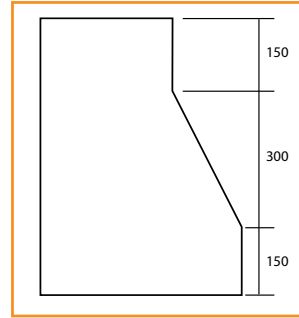
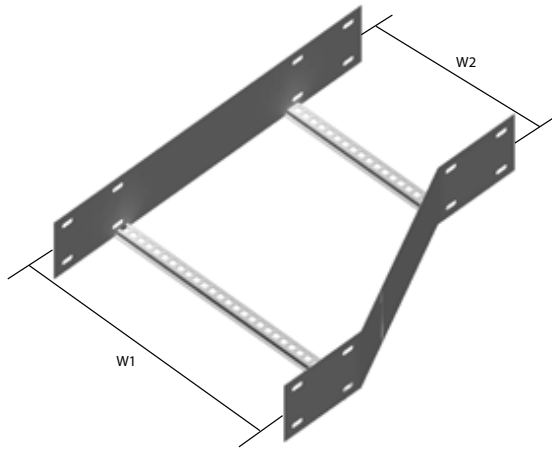
NEMA 3 Ladder	Width (W1)	Width (W2)
IN3SR300-150	300	150
IN3SR450-150	450	150
IN3SR450-300	450	300
IN3SR600-150	600	150
IN3SR600-300	600	300
IN3SR600-450	600	450
IN3SR900-150	900	150
IN3SR900-300	900	300
IN3SR900-450	900	450
IN3SR900-600	900	600



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

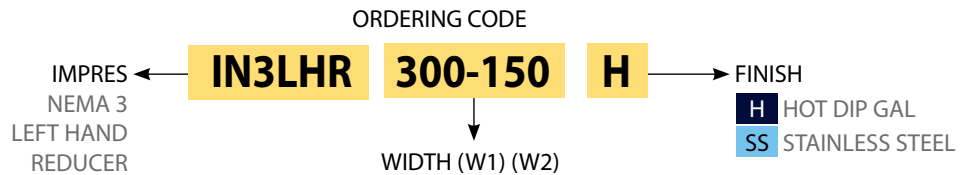
### NEMA 3 LEFT HAND REDUCER



**IMPORTANT:** The NEMA 3 Cable Ladder Left Hand Reducer is available on firm orders only

- Each NEMA 3 Cable Ladder Left Hand Reducer requires 8 x INLFKH (NEMA Bolts & Nuts)

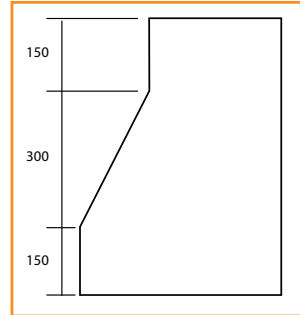
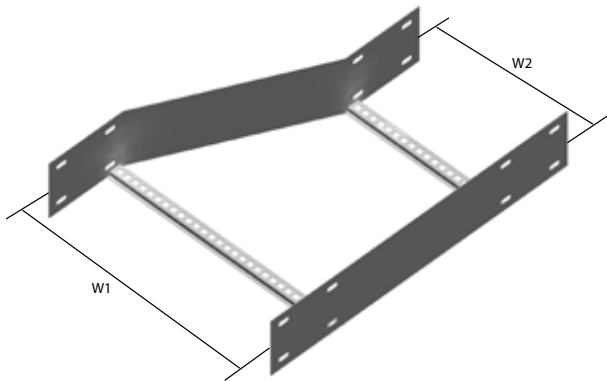
NEMA 3 Ladder	Width (W1)	Width (W2)
IN3LHR300-150	300	150
IN3LHR450-150	450	150
IN3LHR450-300	450	300
IN3LHR600-150	600	150
IN3LHR600-300	600	300
IN3LHR600-450	600	450
IN3LHR900-150	900	150
IN3LHR900-300	900	300
IN3LHR900-450	900	450
IN3LHR900-600	900	600



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

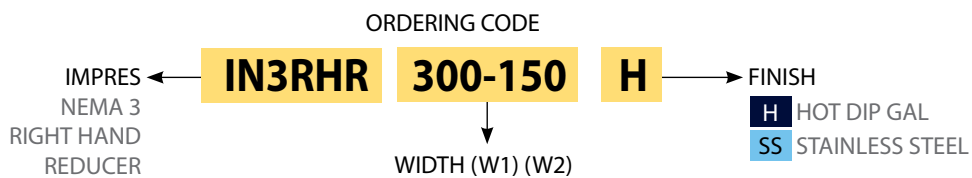
### NEMA 3 RIGHT HAND REDUCER



**IMPORTANT:** The NEMA 3 Cable Ladder Right Hand Reducer is available on firm orders only

- Each NEMA 3 Cable Ladder Right Hand Reducer requires 8 x INLFKH (NEMA Bolts & Nuts)

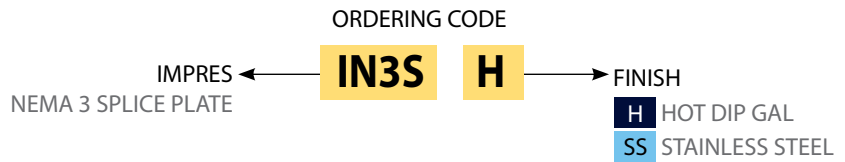
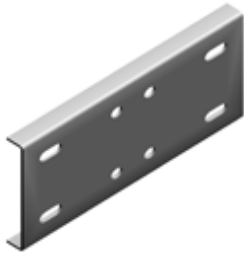
NEMA 3 Ladder	Width (W1)	Width (W2)
IN3RHR300-150	300	150
IN3RHR450-150	450	150
IN3RHR450-300	450	300
IN3RHR600-150	600	150
IN3RHR600-300	600	300
IN3RHR600-450	600	450
IN3RHR900-150	900	150
IN3RHR900-300	900	300
IN3RHR900-450	900	450
IN3RHR900-600	900	600



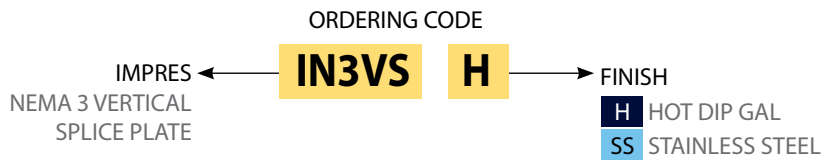
# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

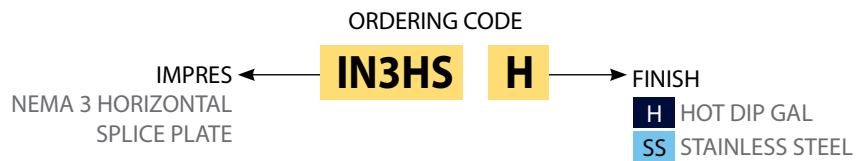
### NEMA 3 SPLICE PLATE



### NEMA 3 VERTICAL SPLICE PLATE



### NEMA 3 HORIZONTAL SPLICE PLATE



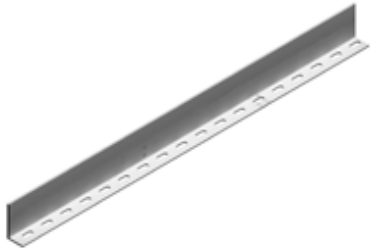
### NEMA 3 COVER CLAMP



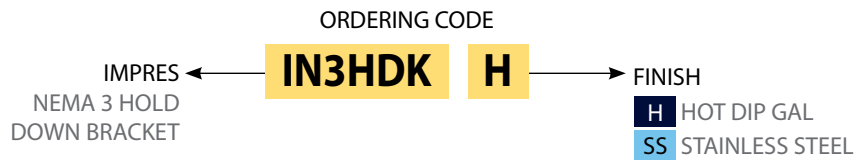
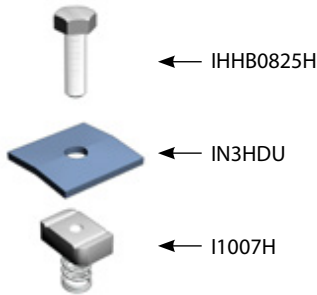
# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

### NEMA 3 DIVIDER STRIP

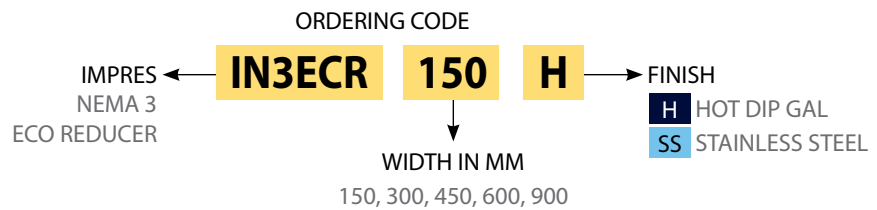
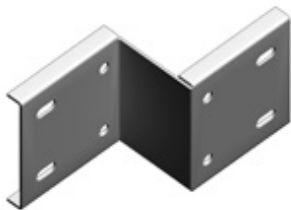


### NEMA 3 HOLD DOWN BRACKET



Each hold down kit contains 1 x IN3HDU, 1 x I1007H and 1 x IHHB0825H

### NEMA 3 ECO REDUCER

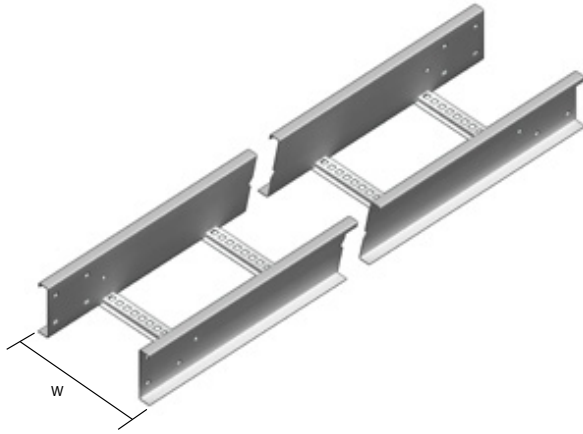


NOTE: Reduction of Ladder Width is normally carried out using straight left hand or Right hand reducers. Economy Reducers are a flexible, cost effective alternative.

# TRAY SYSTEMS

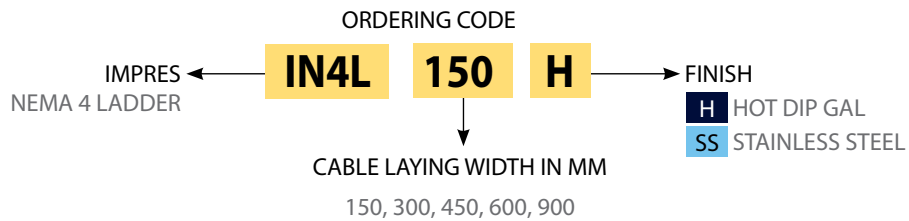
## GALVANISED STEEL LADDERS

### NEMA 4 LADDER

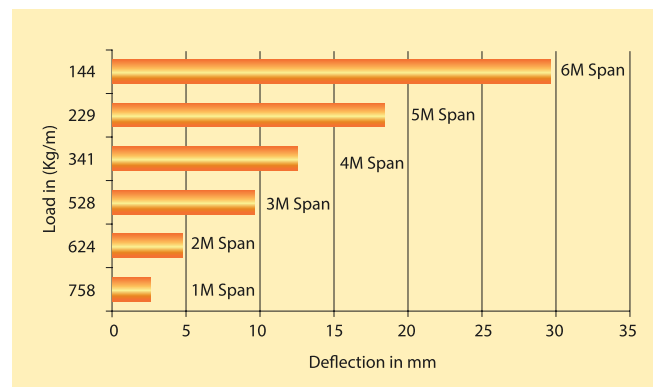
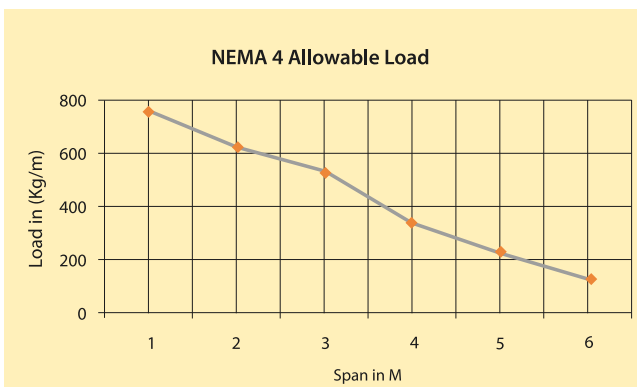


- Standard Length = 6m
- Overall Height = 150mm
- Cable Laying Depth = 130mm
- Stainless Steel Finish on firm orders only
- Other sizes available on firm orders only

NEMA 4 Ladder	Cable Laying Width (W)	Overall Width (W)
IN4L150	150	214 mm
IN4L300	300	364 mm
IN4L450	450	514 mm
IN4L600	600	664 mm
IN4L900	900	964 mm



#### NEMA 4 Load Deflection Charts

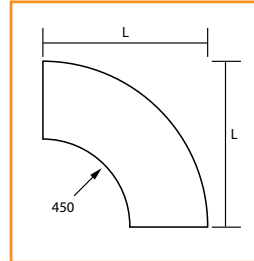
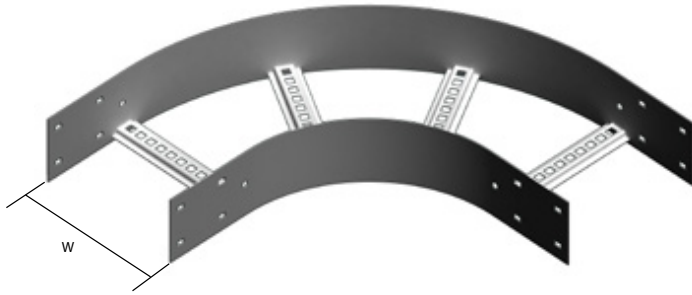


Note: Impres NEMA 4 cable ladders have been tested in accordance to the NEMA standards and all load ratings have been certified by NATA accredited facility.

# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

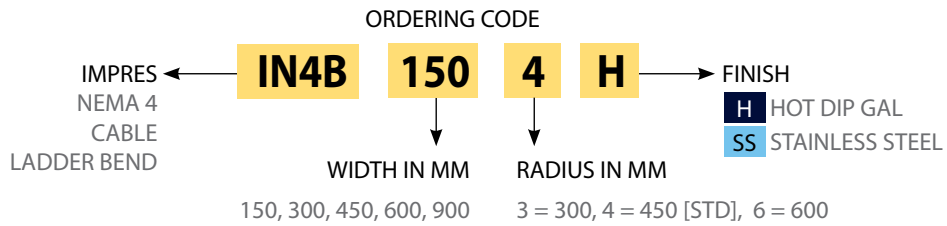
### NEMA 4 CABLE LADDER BEND



**NOTE:** The Standard Radius for a NEMA 4 bend is 450mm. Other radius sizes are available on firm orders only

- Each NEMA 4 bend requires 16 x INLFKH (NEMA Bolts & Nuts)

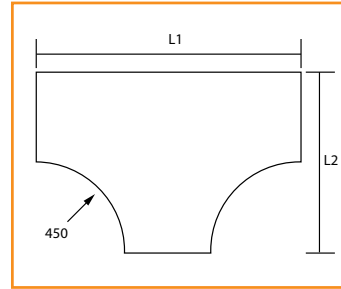
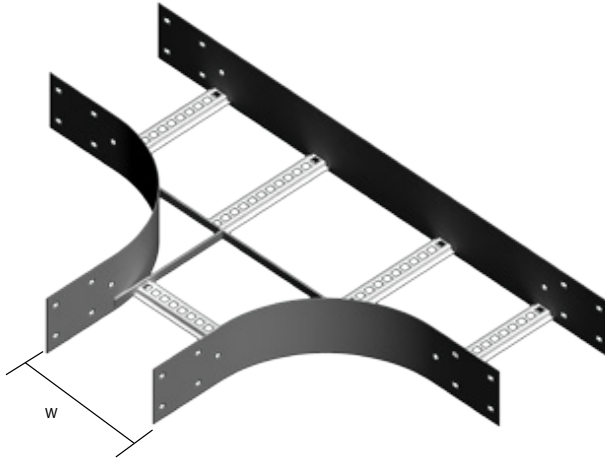
NEMA 4 Ladder	Width (W)	Length (L)
IN4B150	150	450
IN4B300	300	750
IN4B450	450	900
IN4B600	600	1050
IN4B900	900	1350



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

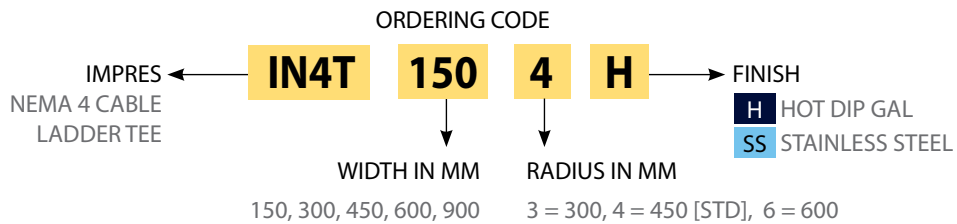
### NEMA 4 CABLER LADDER TEE



**NOTE:** The Standard Radius for a NEMA 4 TEE is 450mm. Other radius sizes are available on firm orders only

- Each NEMA 4 TEE requires 24 x INLFKH (NEMA Bolts & Nuts)

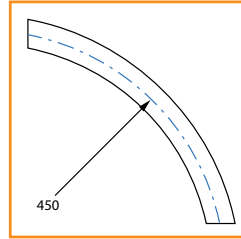
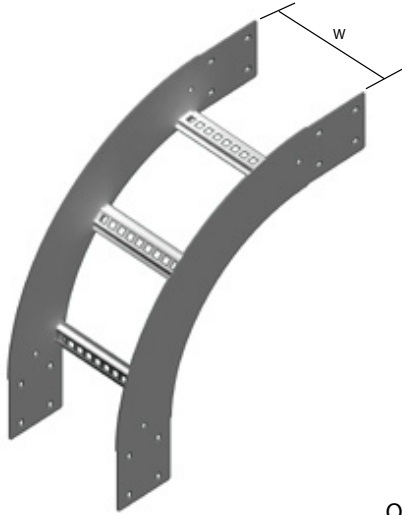
NEMA 4 Ladder	Width (W)	Length (L1)	Length (L2)
IN4T150	150	1050	600
IN4T300	300	1200	750
IN4T450	450	1350	900
IN4T600	600	1500	1050
IN4T900	900	1800	1350



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

### NEMA 4 EXTERNAL RISER



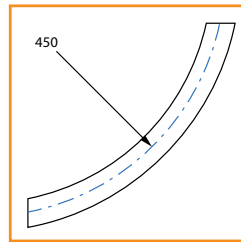
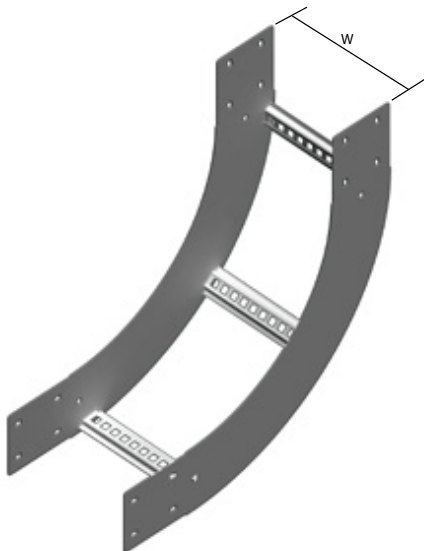
**NOTE:** The Standard Radius for a NEMA 4 External Riser is 450mm. Other radius sizes are available on firm orders only

■ Each NEMA 4 External Riser requires 16 x INLFKH (NEMA Bolts & Nuts)

ORDERING CODE

IMPRES NEMA 4 EXTERNAL RISER	<b>IN4ER</b>	<b>150</b>	<b>4</b>	<b>H</b>	FINISH
		WIDTH IN MM	RADIUS IN MM		<b>H</b> HOT DIP GAL <b>SS</b> STAINLESS STEEL
		150, 300, 450, 600, 900	3 = 300, 4 = 450 [STD], 6 = 600		

### NEMA 4 INTERNAL RISER



**NOTE:** The Standard Radius for a NEMA 4 Internal Riser is 450mm. Other radius sizes are available on firm orders only

■ Each NEMA 4 Internal Riser requires 16 x INLFKH (NEMA Bolts & Nuts)

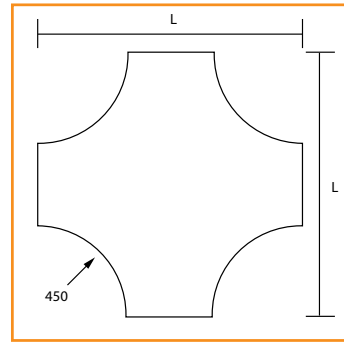
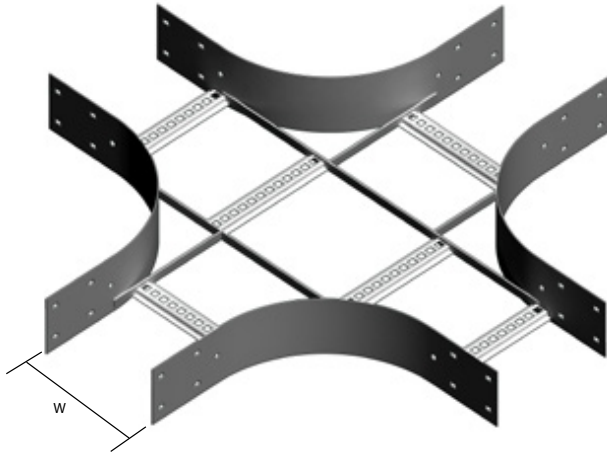
ORDERING CODE

IMPRES NEMA 4 INTERNAL RISER	<b>IN4IR</b>	<b>150</b>	<b>4</b>	<b>H</b>	FINISH
		WIDTH IN MM	RADIUS IN MM		<b>H</b> HOT DIP GAL <b>SS</b> STAINLESS STEEL
		150, 300, 450, 600, 900	3 = 300, 4 = 450 [STD], 6 = 600		

# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

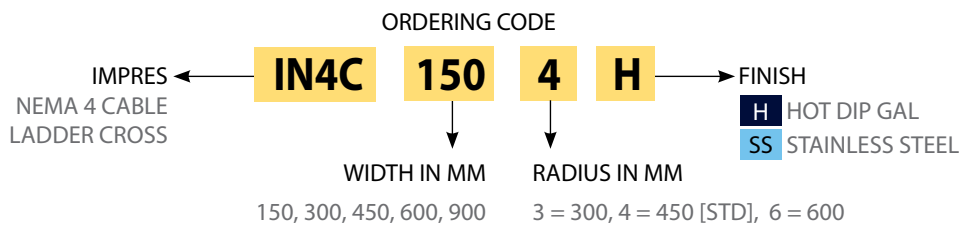
### NEMA 4 CABLE LADDER CROSS



**IMPORTANT:** The NEMA 4 Cable Ladder Cross is available on firm orders only

- Each NEMA 4 Cable Ladder Cross requires 32 x INLFKH (NEMA Bolts & Nuts)

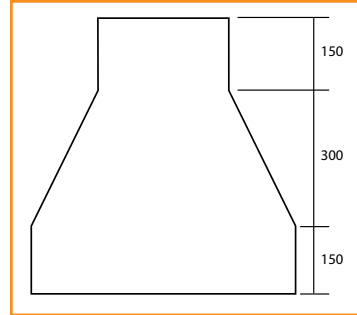
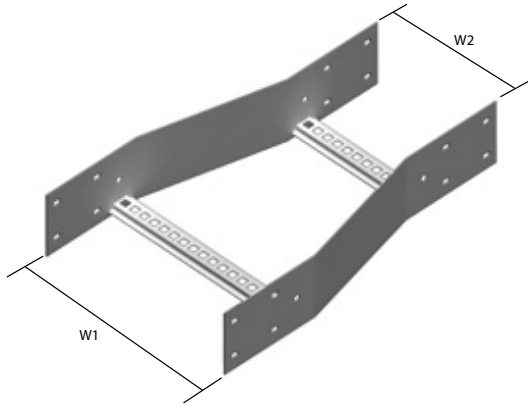
NEMA 4 Ladder	Width (W)	Length (L)
IN4C150	150	1050
IN4C300	300	1200
IN4C450	450	1350
IN4C600	600	1500
IN4C900	900	1800



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

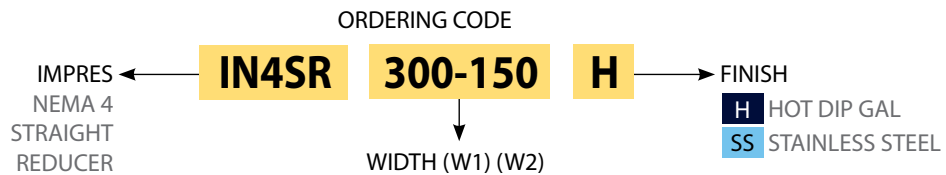
### NEMA 4 CABLE LADDER STRAIGHT REDUCER



**IMPORTANT:** The NEMA 4 Cable Ladder Reducer is available on firm orders only

- Each NEMA 4 Cable Ladder Reducer requires 16 x INLFKH (NEMA Bolts & Nuts)

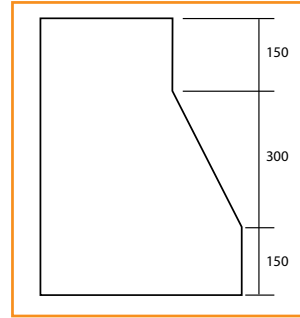
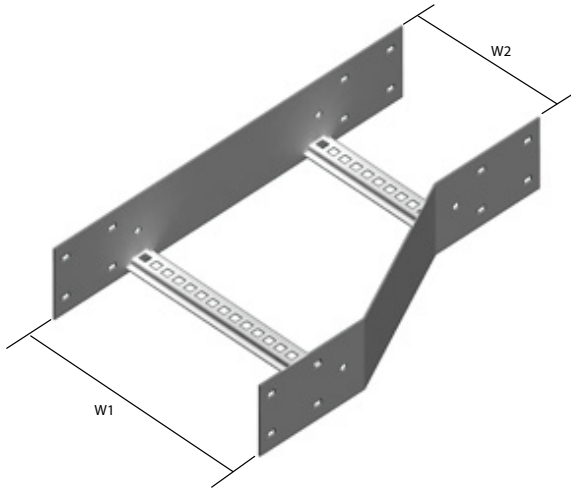
NEMA 4 Ladder	Width (W1)	Width (W2)
IN4SR300-150	300	150
IN4SR450-150	450	150
IN4SR450-300	450	300
IN4SR600-150	600	150
IN4SR600-300	600	300
IN4SR600-450	600	450
IN4SR900-150	900	150
IN4SR900-300	900	300
IN4SR900-450	900	450
IN4SR900-600	900	600



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

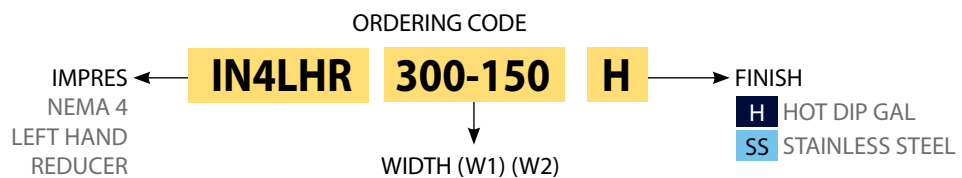
### NEMA 4 LEFT HAND REDUCER



**IMPORTANT:** The NEMA 4 Cable Ladder Left Hand Reducer is available on firm orders only

- Each NEMA 4 Cable Ladder Left Hand Reducer requires 8 x INLFKH (NEMA Bolts & Nuts)

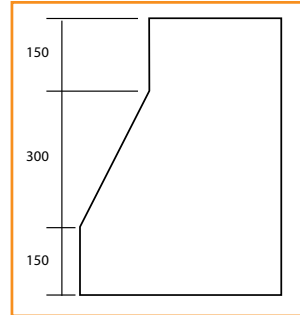
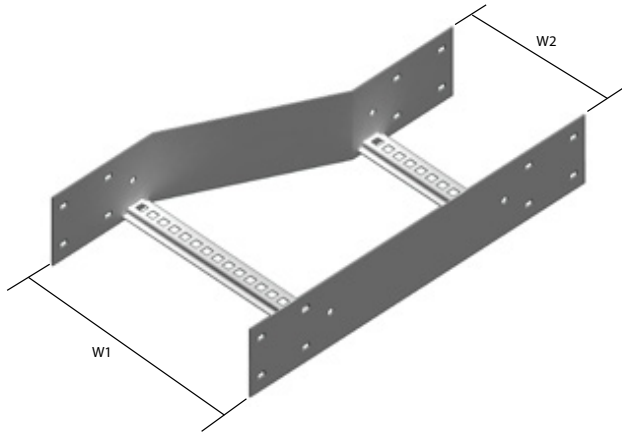
NEMA 4 Ladder	Width (W1)	Width (W2)
IN4LHR300-150	300	150
IN4LHR450-150	450	150
IN4LHR450-300	450	300
IN4LHR600-150	600	150
IN4LHR600-300	600	300
IN4LHR600-450	600	450
IN4LHR900-150	900	150
IN4LHR900-300	900	300
IN4LHR900-450	900	450
IN4LHR900-600	900	600



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

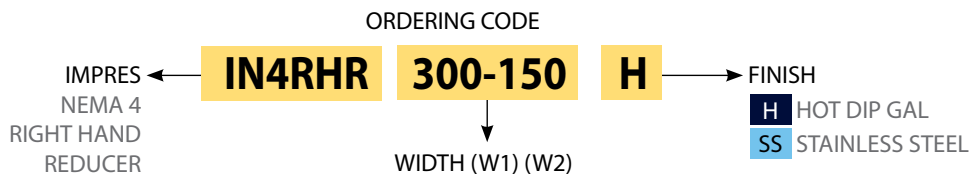
### NEMA 4 RIGHT HAND REDUCER



**IMPORTANT:** The NEMA 4 Cable Ladder Right Hand Reducer is available on firm orders only

- Each NEMA 4 Cable Ladder Right Hand Reducer requires 8 x INLFKH (NEMA Bolts & Nuts)

NEMA 4 Ladder	Width (W1)	Width (W2)
IN4RHR300-150	300	150
IN4RHR450-150	450	150
IN4RHR450-300	450	300
IN4RHR600-150	600	150
IN4RHR600-300	600	300
IN4RHR600-450	600	450
IN4RHR900-150	900	150
IN4RHR900-300	900	300
IN4RHR900-450	900	450
IN4RHR900-600	900	600



# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

### NEMA 4 SPLICE PLATE



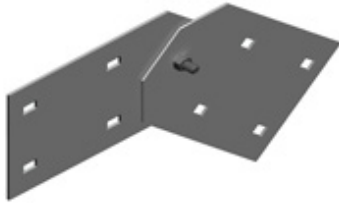
ORDERING CODE

IMPRES ← **IN4S** **H** → FINISH

NEMA 4  
SPLICE PLATE

**H** HOT DIP GAL  
**SS** STAINLESS STEEL

### NEMA 4 VERTICAL SPLICE PLATE



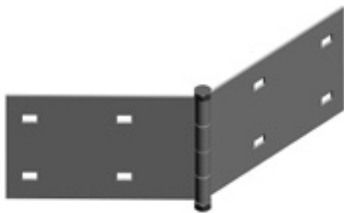
ORDERING CODE

IMPRES ← **IN4VS** **H** → FINISH

NEMA 4  
VERTICAL  
SPLICE PLATE

**H** HOT DIP GAL  
**SS** STAINLESS STEEL

### NEMA 4 HORIZONTAL SPLICE PLATE



ORDERING CODE

IMPRES ← **IN4HS** **H** → FINISH

NEMA 4  
HORIZONTAL  
SPLICE PLATE

**H** HOT DIP GAL  
**SS** STAINLESS STEEL

### NEMA 4 COVER CLAMP



ORDERING CODE

IMPRES ← **IN4CCS** **H** → FINISH

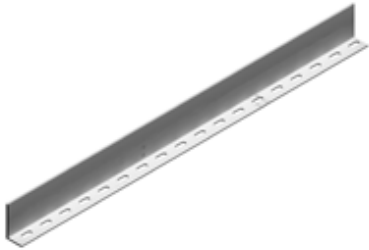
NEMA 4  
COVER CLAMP

**H** HOT DIP GAL  
**SS** STAINLESS STEEL

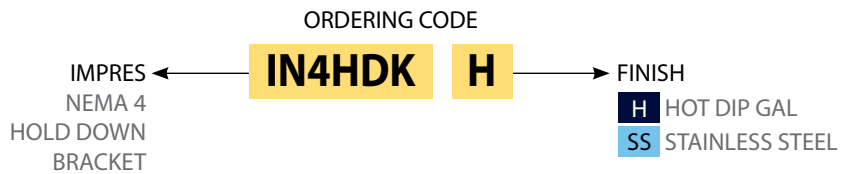
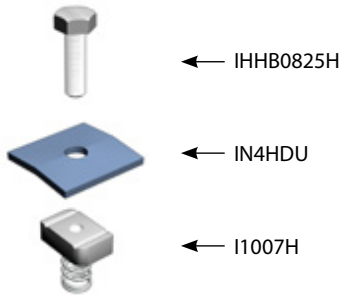
# TRAY SYSTEMS

## GALVANISED STEEL LADDERS

### NEMA 4 DIVIDER STRIP

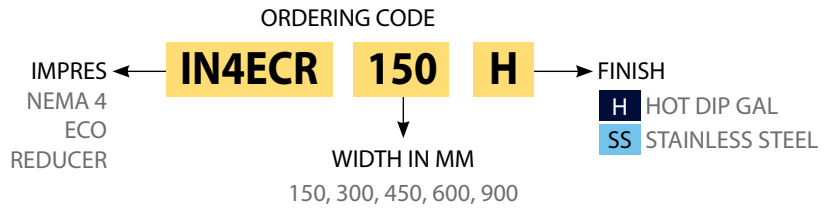
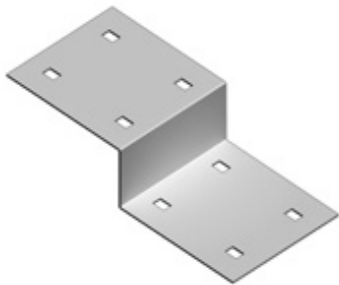


### NEMA 4 HOLD DOWN BRACKET



Each hold down kit contains 1 x IN4HDK, 1 x I1007H and 1 x IHHB0825H

### NEMA 4 ECO REDUCER



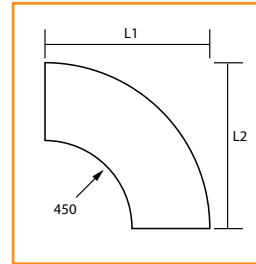
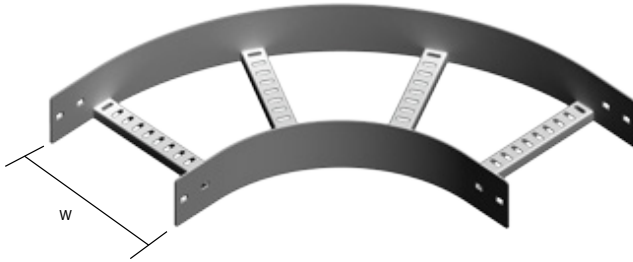
NOTE: Reduction of Ladder Width is normally carried out using straight left hand or Right hand reducers. Economy Reducers are a flexible, cost effective alternative.



# TRAY SYSTEMS

## ALUMINIUM LADDERS

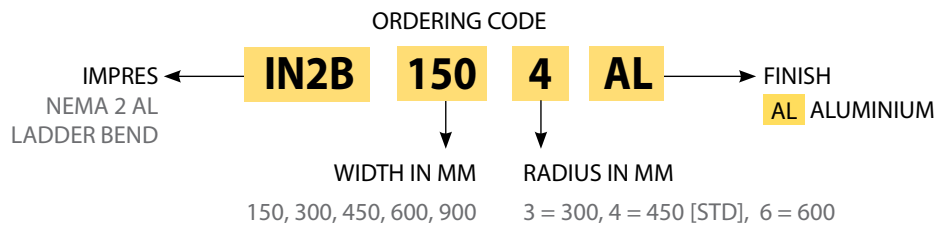
### NEMA 2 ALUMINIUM LADDER BEND



**NOTE:** The Standard Radius for a NEMA 2 AL bend is 450mm. Other radius sizes are available on firm orders only

- Each NEMA 2 AL bend requires 8 x INLBOLTS AND INLNUTS

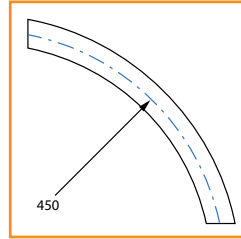
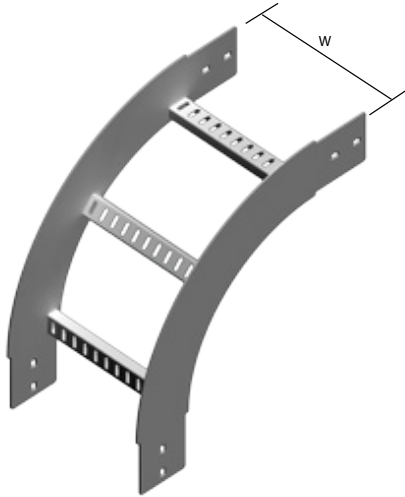
NEMA 2 Ladder	Width (W)	Length (L)
IN2B1504AL	150mm	600mm
IN2B3004AL	300mm	750mm
IN2B4504AL	450mm	900mm
IN2B6004AL	600mm	1050mm
IN2B9004AL	900mm	1350mm



# TRAY SYSTEMS

## ALUMINIUM LADDERS

### NEMA 2 ALUMINIUM EXTERNAL RISER



NOTE: The Standard Radius for a NEMA 2 Aluminium External Riser is 450mm. Other radius sizes are available on firm orders only

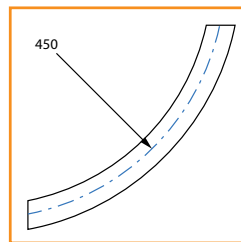
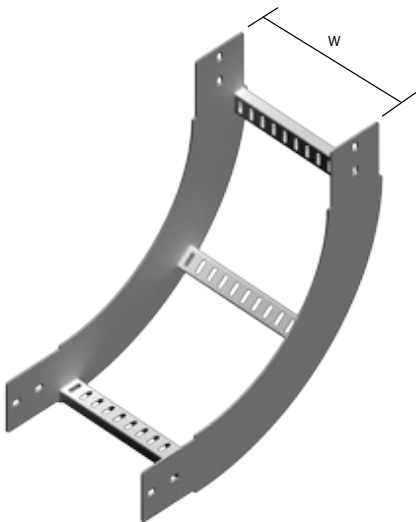
■ Each NEMA 2 Aluminium External Riser requires 8 x INLBOLTS AND INLNUTS

ORDERING CODE

IMPRES ← **IN2ER** **150** **4** **AL** → FINISH  
NEMA 2 AL EXTERNAL RISER AL ALUMINIUM

WIDTH IN MM RADIUS IN MM  
150, 300, 450, 600, 900 3 = 300, 4 = 450 [STD], 6 = 600

### NEMA 2 ALUMINIUM INTERNAL RISER



NOTE: The Standard Radius for a NEMA 2 AL Internal Riser is 450mm. Other radius sizes are available on firm orders only

■ Each NEMA 2 AL Internal Riser requires 8 x INLBOLTS AND INLNUTS

ORDERING CODE

IMPRES ← **IN2IR** **150** **4** **AL** → FINISH  
NEMA 2 AL INTERNAL RISER AL ALUMINIUM

WIDTH IN MM RADIUS IN MM  
150, 300, 450, 600, 900 3 = 300, 4 = 450 [STD], 6 = 600

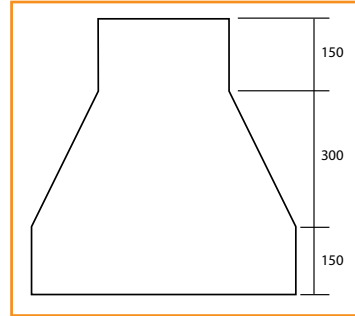
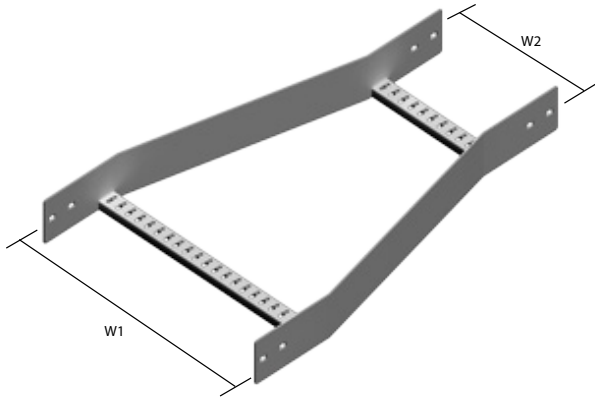




# TRAY SYSTEMS

## ALUMINIUM LADDERS

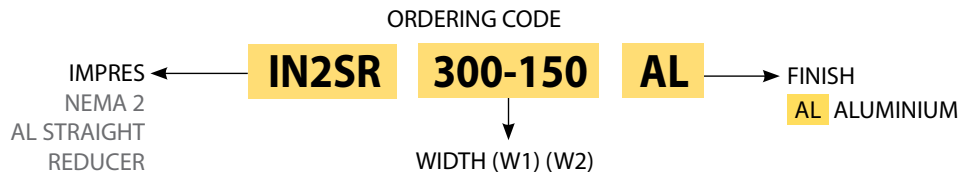
### NEMA 2 ALUMINIUM LADDER STRAIGHT REDUCER



**IMPORTANT:** The NEMA 2 AL Ladder Reducer is available on firm orders only

- Each NEMA 2 AL Straight Reducer requires 8 x INLBOLTS AND INLNUTS

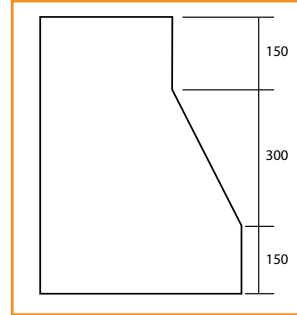
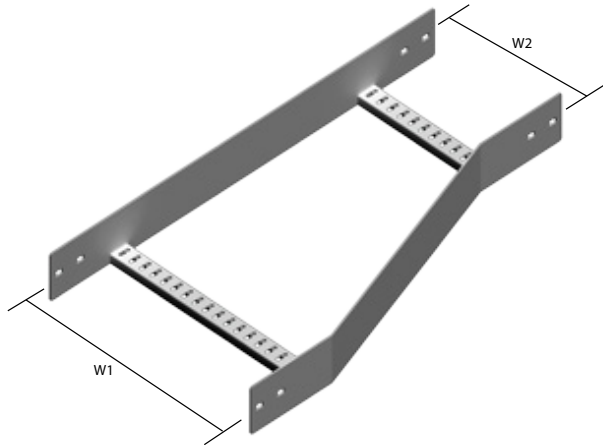
NEMA 2 Ladder	Width (W1)	Width (W2)
IN2SR300-150	300	150
IN2SR450-150	450	150
IN2SR450-300	450	300
IN2SR600-150	600	150
IN2SR600-300	600	300
IN2SR600-450	600	450
IN2SR900-150	900	150
IN2SR900-300	900	300
IN2SR900-450	900	450
IN2SR900-600	900	600



# TRAY SYSTEMS

## ALUMINIUM LADDERS

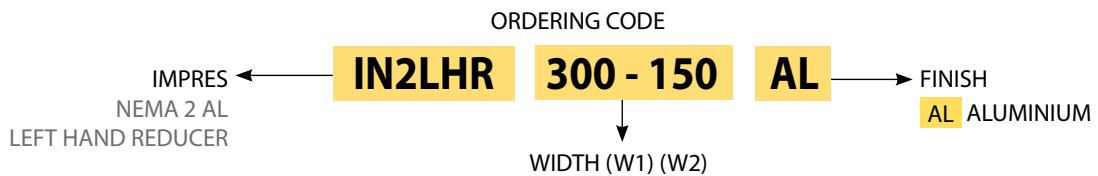
### NEMA 2 ALUMINIUM LEFT HAND REDUCER



**IMPORTANT:** The NEMA 2 Aluminium Ladder Left Hand Reducer is available on firm orders only

- Each NEMA 2 Aluminium Ladder Left Hand Reducer requires 8 x INLBOLTS AND INLNUTS

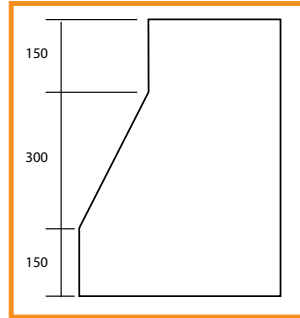
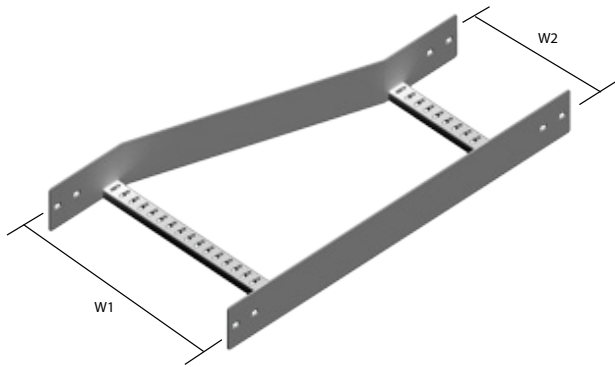
NEMA 2 Ladder	Width (W1)	Width (W2)
IN2LHR300-150	300	150
IN2LHR450-150	450	150
IN2LHR450-300	450	300
IN2LHR600-150	600	150
IN2LHR600-300	600	300
IN2LHR600-450	600	450
IN2LHR900-150	900	150
IN2LHR900-300	900	300
IN2LHR900-450	900	450
IN2LHR900-600	900	600



# TRAY SYSTEMS

## ALUMINIUM LADDERS

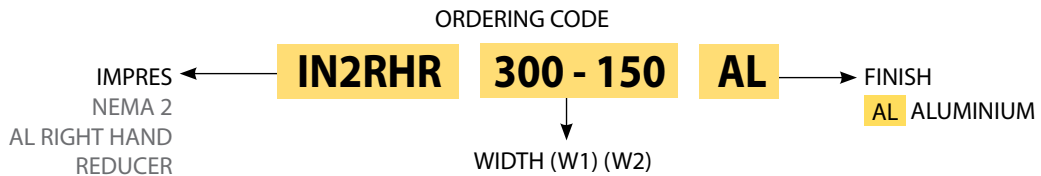
### NEMA 2 ALUMINIUM RIGHT HAND REDUCER



**IMPORTANT:** The NEMA 2 Aluminium Ladder Right Hand Reducer is available on firm orders only

- Each NEMA 2 Aluminium Ladder Right Hand Reducer requires 8 x INLBOLTS AND INLNUTS

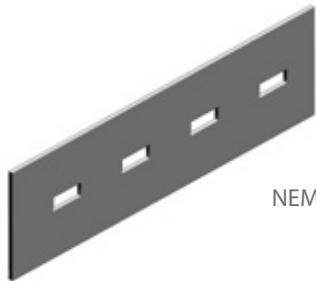
NEMA 2 Ladder	Width (W1)	Width (W2)
IN2RHR300-150	300	150
IN2RHR450-150	450	150
IN2RHR450-300	450	300
IN2RHR600-150	600	150
IN2RHR600-300	600	300
IN2RHR600-450	600	450
IN2RHR900-150	900	150
IN2RHR900-300	900	300
IN2RHR900-450	900	450
IN2RHR900-600	900	600



# TRAY SYSTEMS

## ALUMINIUM LADDERS

### NEMA 2 ALUMINIUM SPLICE PLATE



IMPRES  
NEMA 2 SPLICE PLATE

ORDERING CODE

**IN2S** **AL**

FINISH  
**AL** ALUMINIUM

### NEMA 2 ALUMINIUM VERTICAL SPLICE PLATE



IMPRES  
NEMA 2 VERTICAL  
SPLICE PLATE

ORDERING CODE

**IN2VS** **AL**

FINISH  
**AL** ALUMINIUM

### NEMA 2 ALUMINIUM HORIZONTAL SPLICE PLATE



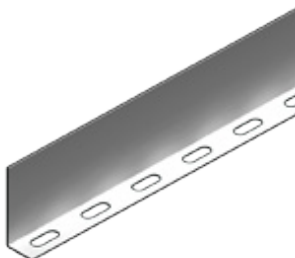
IMPRES  
NEMA 2 HORIZONTAL  
SPLICE PLATE

ORDERING CODE

**IN2HS** **AL**

FINISH  
**AL** ALUMINIUM

### NEMA 2 ALUMINIUM DIVIDER STRIP



IMPRES  
NEMA 2  
DIVIDER STRIP

ORDERING CODE

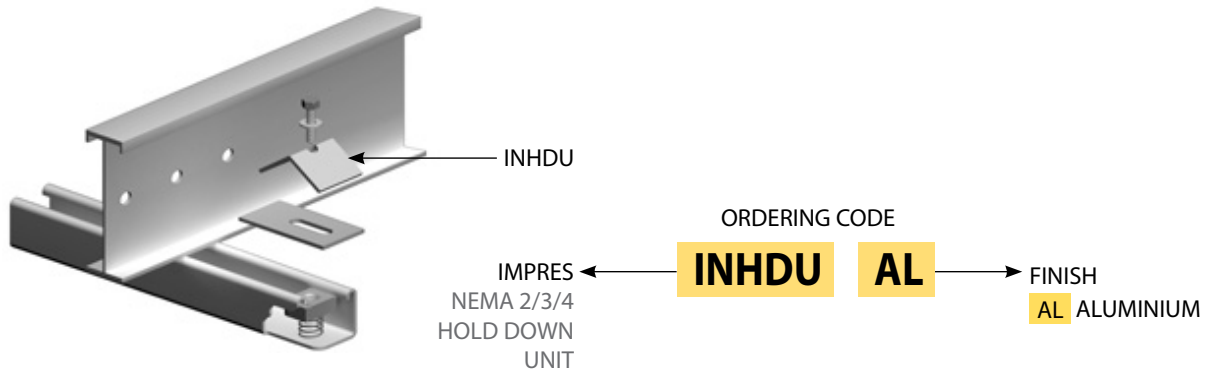
**IN2DS** **AL**

FINISH  
**AL** ALUMINIUM

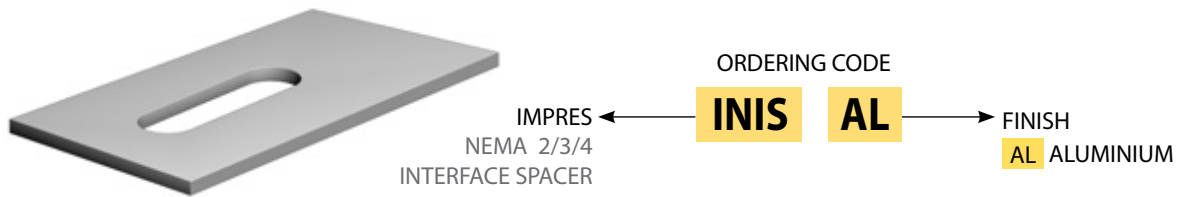
# TRAY SYSTEMS

## ALUMINIUM LADDERS

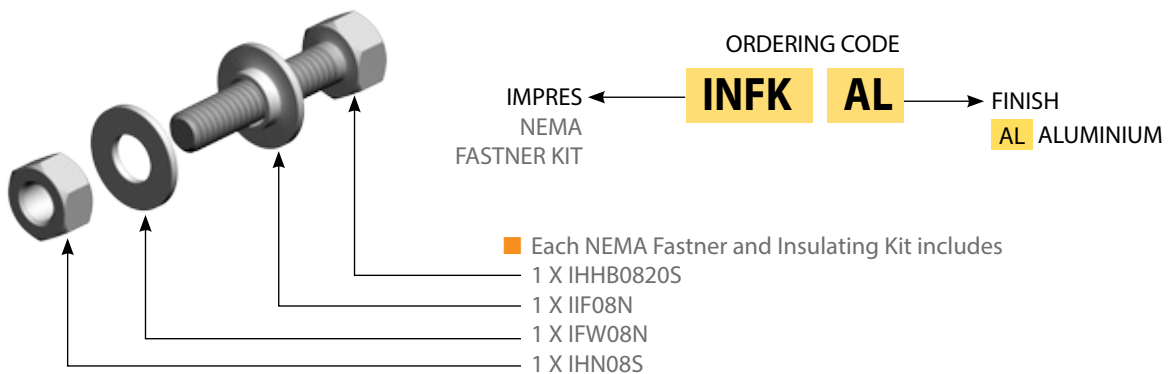
### NEMA HOLD DOWN UNIT



### NEMA ALUMINIUM INSULATION SPACER



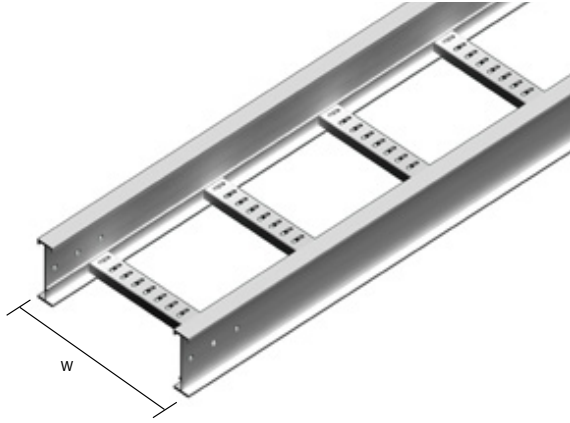
### NEMA FASTNER & INSULATING KIT



# TRAY SYSTEMS

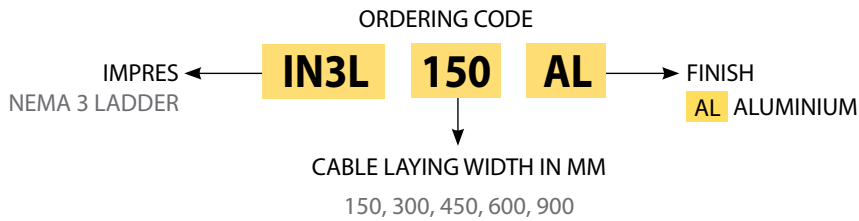
## ALUMINIUM LADDERS

### NEMA 3 ALUMINIUM LADDER [20B]

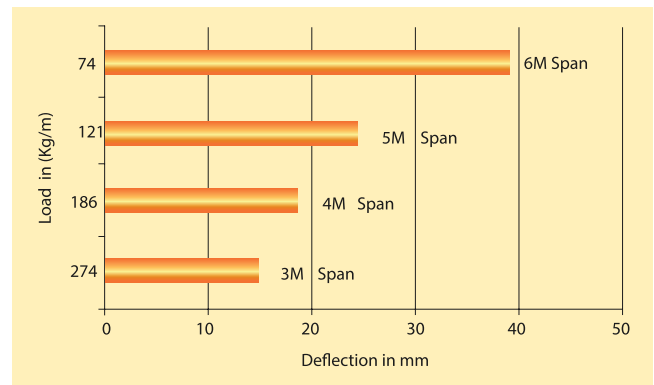
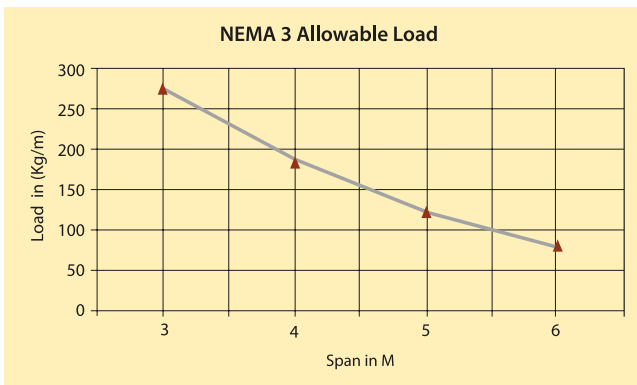


- Standard Length = 6m
- Overall Height = 120mm
- Cable Laying Depth = 95mm

NEMA 3 Ladder	Cable Laying Width (W)	Overall Width (W)
IN3L150AL	150	184 mm
IN3L300AL	300	334 mm
IN3L450AL	450	484 mm
IN3L600AL	600	634 mm
IN3L900AL	900	934 mm



#### NEMA 3 Load Deflection Charts

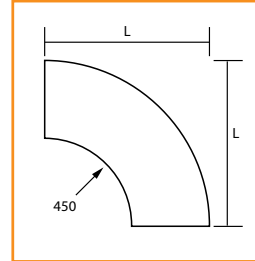


Note: Impres Nema Aluminium ladders are manufactured out of Aluminium 6063 alloys which are high extrudability alloys with capability to achieve T6 minimum properties with appropriate extrusion and press quenching conditions.

# TRAY SYSTEMS

## ALUMINIUM LADDERS

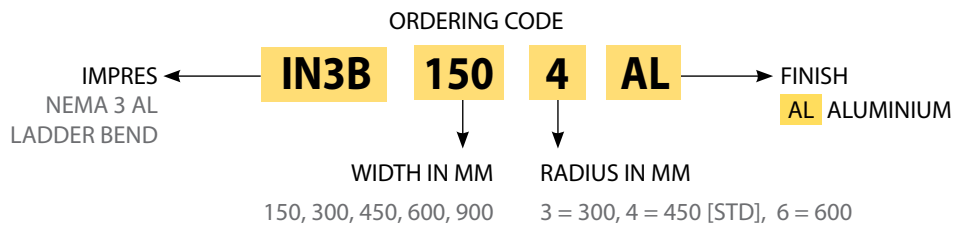
### NEMA 3 ALUMINIUM LADDER BEND



**NOTE:** The Standard Radius for a NEMA 3 Aluminium bend is 450mm. Other radius sizes are available on firm orders only

■ Each NEMA 3 Aluminium bend requires 8 x INLBOLT-S AND INLNUT-S

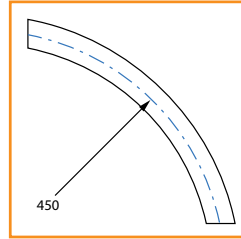
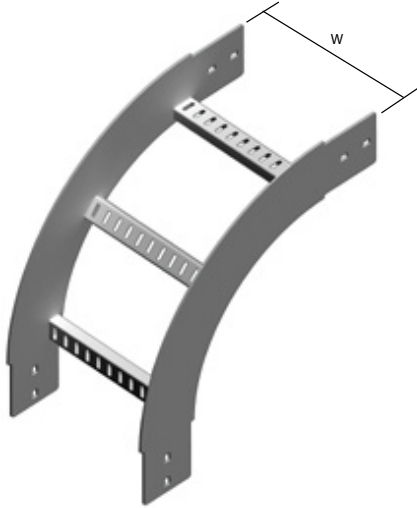
NEMA 3 Ladder	Width (W)	Length (L)
IN3B1504AL	150mm	600mm
IN3B3004AL	300mm	750mm
IN3B4504AL	450mm	900mm
IN3B6004AL	600mm	1050mm
IN3B9004AL	900mm	1350mm



# TRAY SYSTEMS

## ALUMINIUM LADDERS

### NEMA 3 ALUMINIUM EXTERNAL RISER



**NOTE:** The Standard Radius for a NEMA 3 Aluminium External Riser is 450mm. Other radius sizes are available on firm orders only

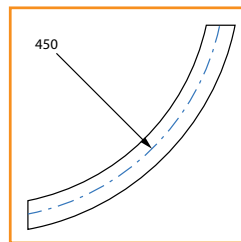
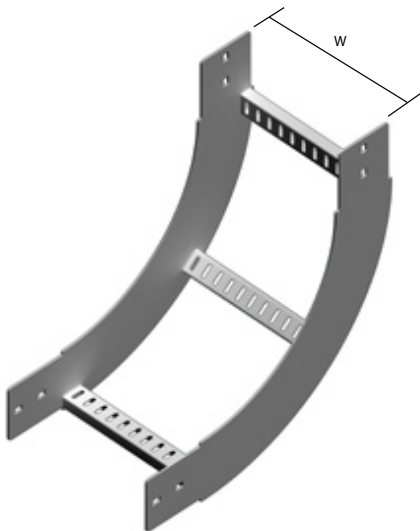
■ Each NEMA 3 Aluminium External Riser requires 8 x INLBOLT-S AND INLNUT-S

ORDERING CODE

IMPRES ← **IN3ER** **150** **4** **AL** → FINISH  
NEMA 3 AL EXTERNAL RISER AL ALUMINIUM

WIDTH IN MM RADIUS IN MM  
150, 300, 450, 600, 900 3 = 300, 4 = 450 [STD], 6 = 600

### NEMA 3 ALUMINIUM INTERNAL RISER



**NOTE:** The Standard Radius for a NEMA 3 Aluminium Internal Riser is 450mm. Other radius sizes are available on firm orders only

■ Each NEMA 3 Aluminium Internal Riser requires 8 x INLBOLT-S AND INLNUT-S

ORDERING CODE

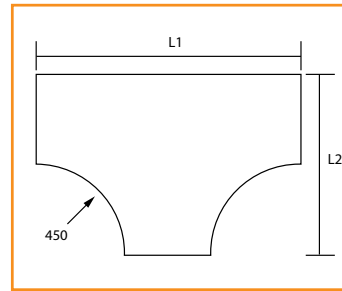
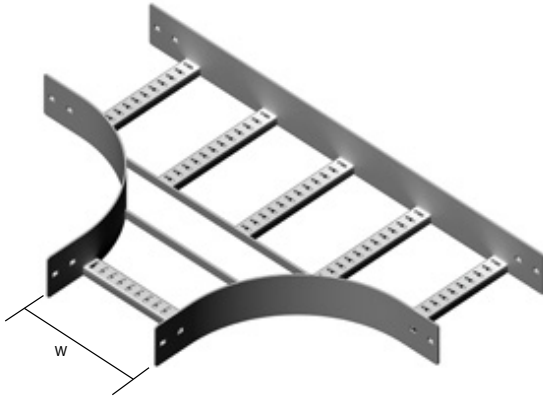
IMPRES ← **IN3IR** **150** **4** **AL** → FINISH  
NEMA 3 AL INTERNAL RISER AL ALUMINIUM

WIDTH IN MM RADIUS IN MM  
150, 300, 450, 600, 900 3 = 300, 4 = 450 [STD], 6 = 600

# TRAY SYSTEMS

## ALUMINIUM LADDERS

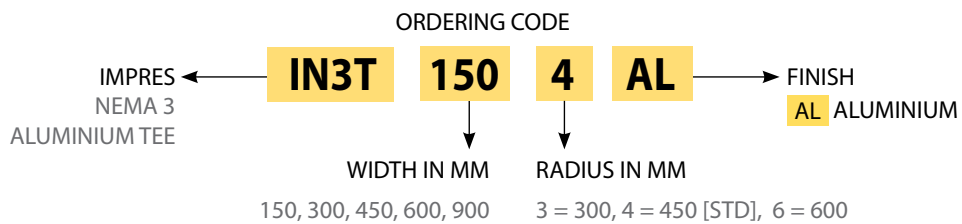
### NEMA 3 ALUMINIUM LADDER TEE



**NOTE:** The Standard Radius for a NEMA 3 Aluminium TEE is 450mm. Other radius sizes are available on firm orders only

- Each NEMA 3 Aluminium External Riser requires 12 x INLBOLT-S AND INLNUT-S

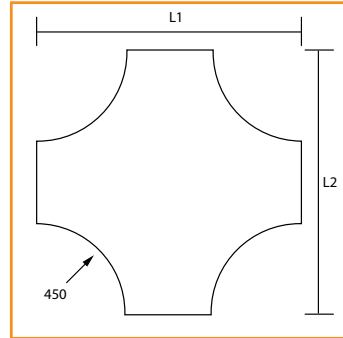
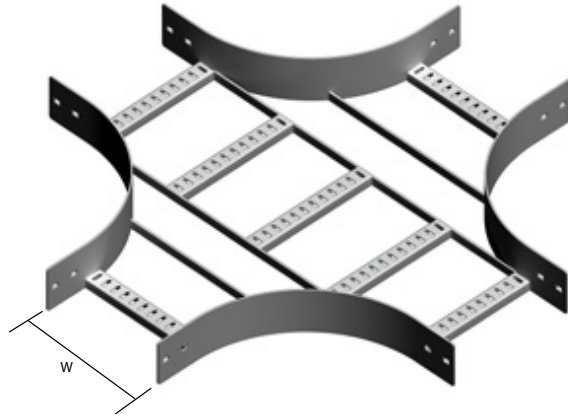
NEMA 3 Ladder	Width (W)	Length (L1)	Length (L2)
IN3T1504AL	150	1050mm	600mm
IN3T3004AL	300	1200mm	750mm
IN3T4504AL	450	1350mm	900mm
IN3T6004AL	600	1500mm	1050mm
IN3T9004AL	900	1800mm	1350mm



# TRAY SYSTEMS

## ALUMINIUM LADDERS

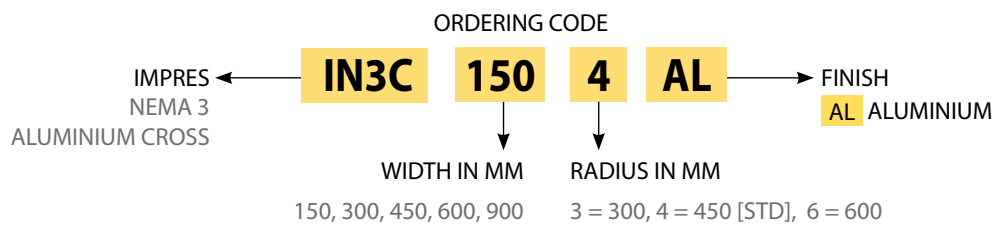
### NEMA 3 ALUMINIUM LADDER CROSS



**NOTE:** The Standard Radius for a NEMA 3 Aluminium Cross is 450mm. Other radius sizes are available on firm orders only

- Each NEMA 3 Aluminium Cross requires 16 x INLBOLT-S AND INLNUT-S

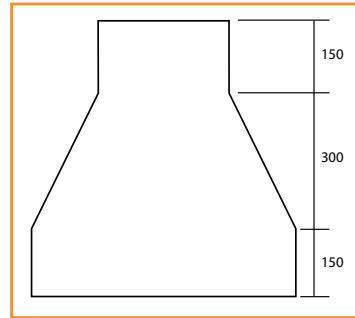
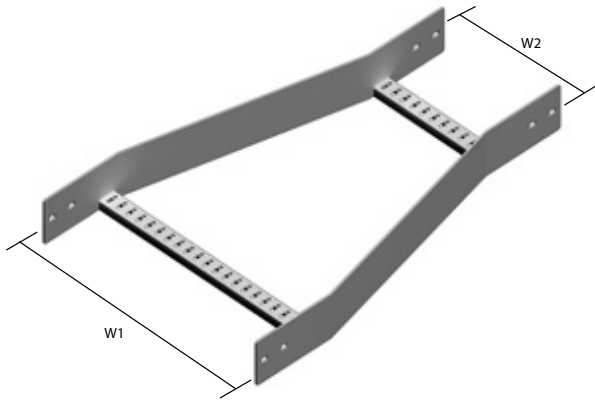
NEMA 3 Ladder	Width (W)	Length (L1/L2)
IN3C1504AL	150mm	1050mm
IN3C3004AL	300mm	1200mm
IN3C4504AL	450mm	1350mm
IN3C6004AL	600mm	1500mm
IN3C9004AL	900mm	1800mm



# TRAY SYSTEMS

## ALUMINIUM LADDERS

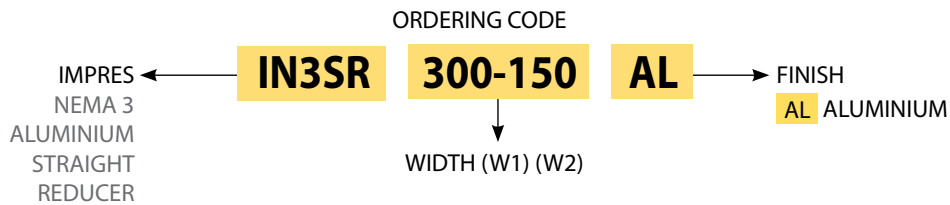
### NEMA 3 ALUMINIUM LADDER STRAIGHT REDUCER



**IMPORTANT:** The NEMA 3 Aluminium Ladder Reducer is available on firm orders only

- Each NEMA 3 Aluminium Straight Reducer requires 8 x INLBOLT-S AND INLNUT-S

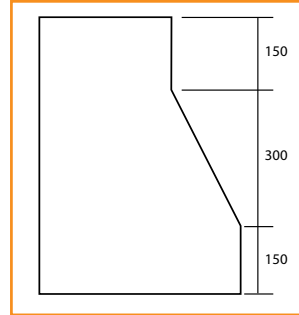
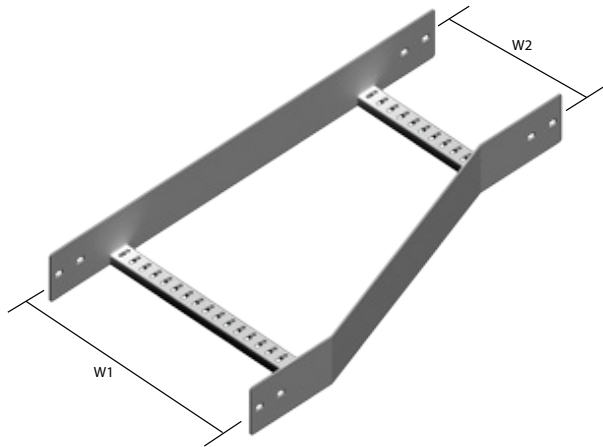
NEMA 3 Ladder	Width (W1)	Width (W2)
IN3SR300-150	300	150
IN3SR450-150	450	150
IN3SR450-300	450	300
IN3SR600-150	600	150
IN3SR600-300	600	300
IN3SR600-450	600	450
IN3SR900-150	900	150
IN3SR900-300	900	300
IN3SR900-450	900	450
IN3SR900-600	900	600



# TRAY SYSTEMS

## ALUMINIUM LADDERS

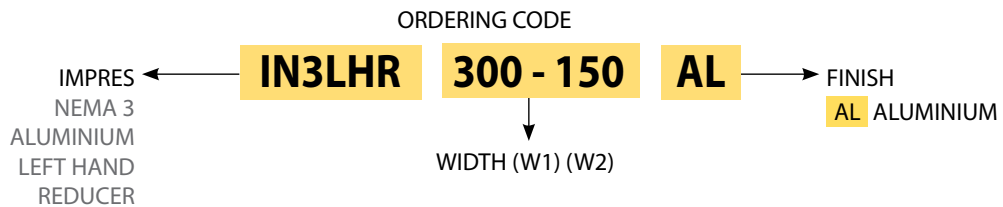
### NEMA 3 ALUMINIUM LEFT HAND REDUCER



**IMPORTANT:** The NEMA 3 Aluminium Ladder Left Hand Reducer is available on firm orders only

- Each NEMA 3 Aluminium Ladder Left Hand Reducer requires requires 8 x INLBOLT-S AND INLNUT-S

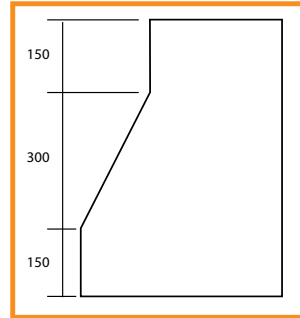
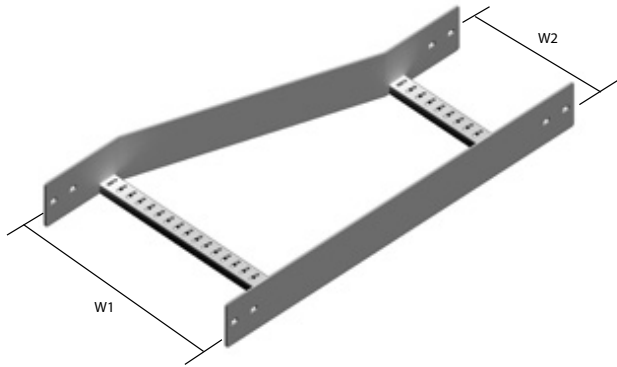
NEMA 3 Ladder	Width (W1)	Width (W2)
IN3LHR300-150	300	150
IN3LHR450-150	450	150
IN3LHR450-300	450	300
IN3LHR600-150	600	150
IN3LHR600-300	600	300
IN3LHR600-450	600	450
IN3LHR900-150	900	150
IN3LHR900-300	900	300
IN3LHR900-450	900	450
IN3LHR900-600	900	600



# TRAY SYSTEMS

## ALUMINIUM LADDERS

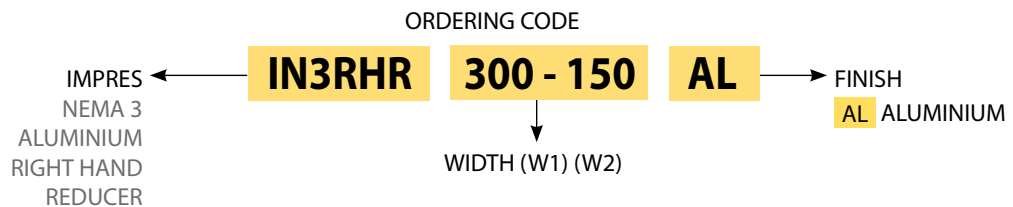
### NEMA 3 ALUMINIUM RIGHT HAND REDUCER



**IMPORTANT:** The NEMA 3 Aluminium Right Hand Reducer is available on firm orders only

- Each NEMA 3 Aluminium Ladder Right Hand Reducer requires requires 8 x INLBOLT-S AND INLNUT-S

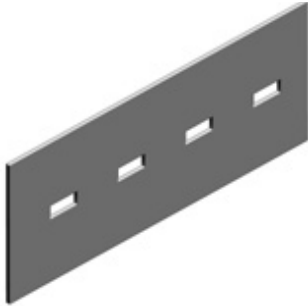
NEMA 3 Ladder	Width (W1)	Width (W2)
IN3RHR300-150	300	150
IN3RHR450-150	450	150
IN3RHR450-300	450	300
IN3RHR600-150	600	150
IN3RHR600-300	600	300
IN3RHR600-450	600	450
IN3RHR900-150	900	150
IN3RHR900-300	900	300
IN3RHR900-450	900	450
IN3RHR900-600	900	600



# TRAY SYSTEMS

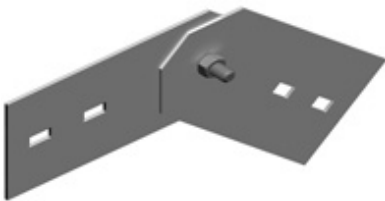
## ALUMINIUM LADDERS

### NEMA 3 ALUMINIUM SPLICE PLATE



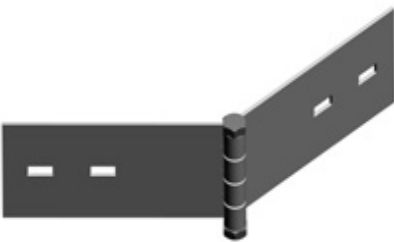
ORDERING CODE  
IMPRES ← **IN3S** **AL** → FINISH  
NEMA 3 SPLICE PLATE AL ALUMINIUM

### NEMA 3 ALUMINIUM VERTICAL SPLICE PLATE



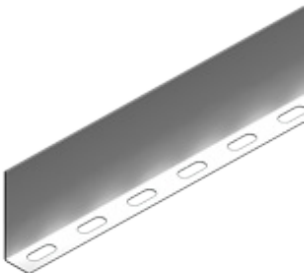
ORDERING CODE  
IMPRES ← **IN3VS** **AL** → FINISH  
NEMA 3 VERTICAL SPLICE PLATE AL ALUMINIUM

### NEMA 3 ALUMINIUM HORIZONTAL SPLICE PLATE



ORDERING CODE  
IMPRES ← **IN3HS** **AL** → FINISH  
NEMA 3 HORIZONTAL SPLICE PLATE AL ALUMINIUM

### NEMA 3 ALUMINIUM DIVIDER STRIP

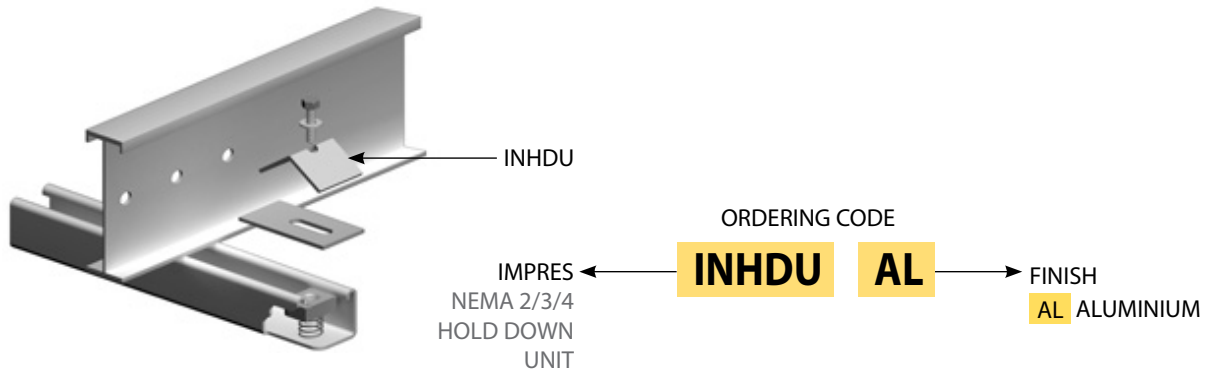


ORDERING CODE  
IMPRES ← **IN3DS** **AL** → FINISH  
NEMA 3 DIVIDER STRIP AL ALUMINIUM

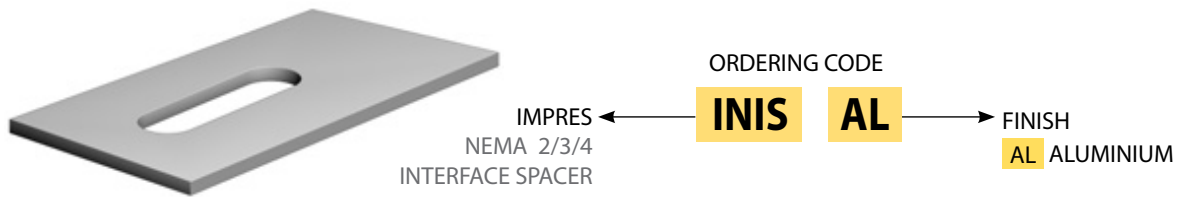
# TRAY SYSTEMS

## ALUMINIUM LADDERS

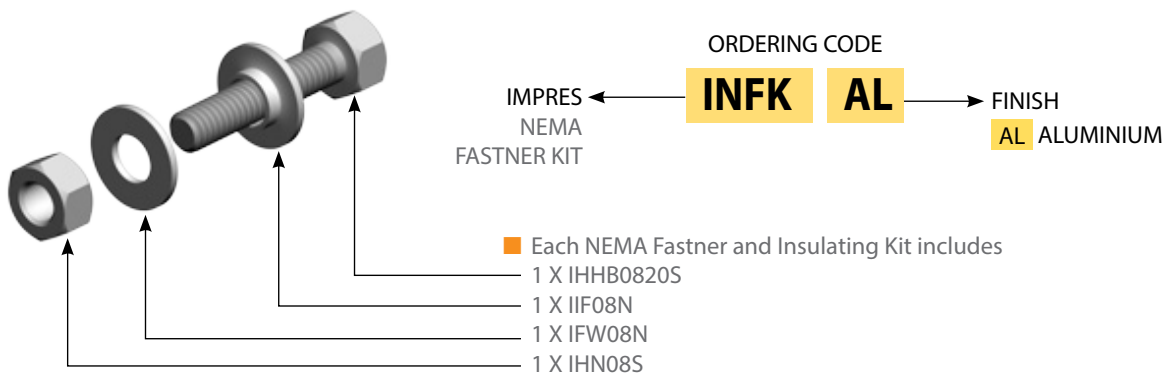
### NEMA HOLD DOWN UNIT



### NEMA ALUMINIUM INSULATION SPACER



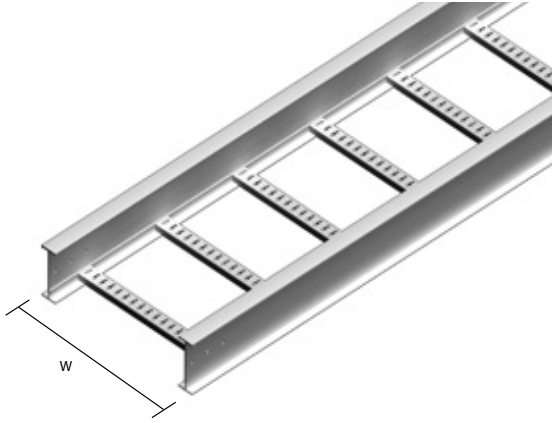
### NEMA FASTNER & INSULATING KIT



# TRAY SYSTEMS

## ALUMINIUM LADDERS

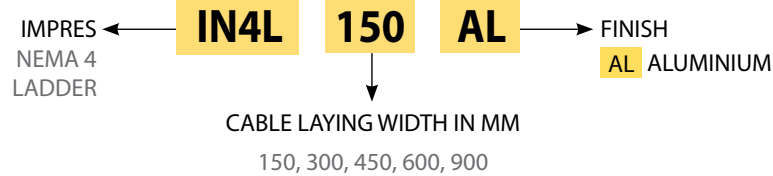
### NEMA 4 LADDER [20C]



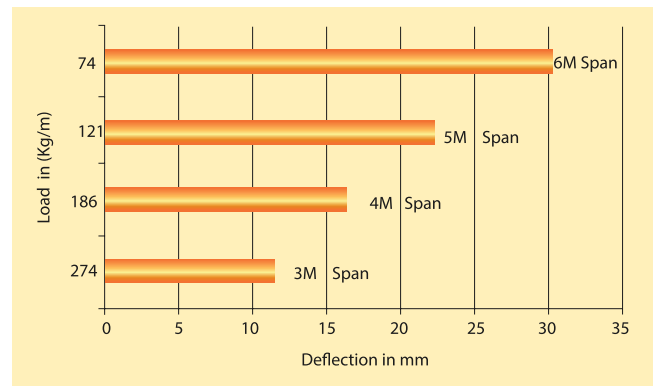
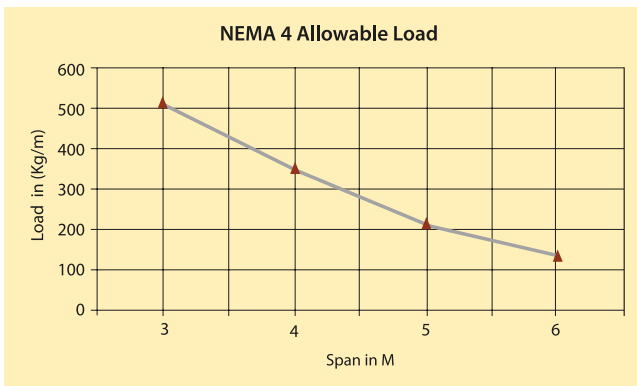
- Standard Length = 6m
- Overall Height = 150mm
- Cable Laying Depth = 125mm

NEMA 4 Ladder	Cable Laying Width (W)	Overall Width (W)
IN4L150AL	150	200 mm
IN4L300AL	300	350 mm
IN4L450AL	450	500 mm
IN4L600AL	600	650 mm
IN4L900AL	900	950 mm

#### ORDERING CODE



#### NEMA 4 Load Deflection Charts

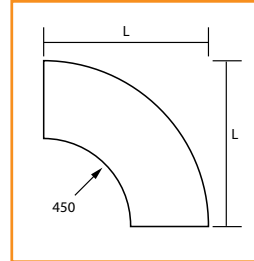
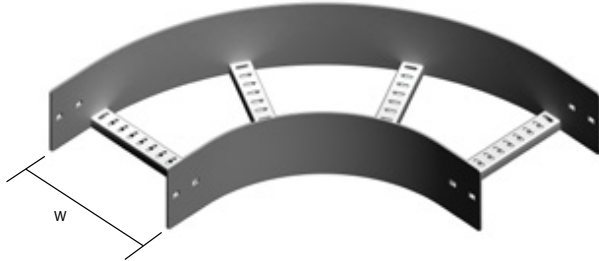


Note: Impres Nema Aluminium ladders are manufactured out of Aluminium 6063 alloys which are high extrudability alloys with capability to achieve T6 minimum properties with appropriate extrusion and press quenching conditions.

# TRAY SYSTEMS

## ALUMINIUM LADDERS

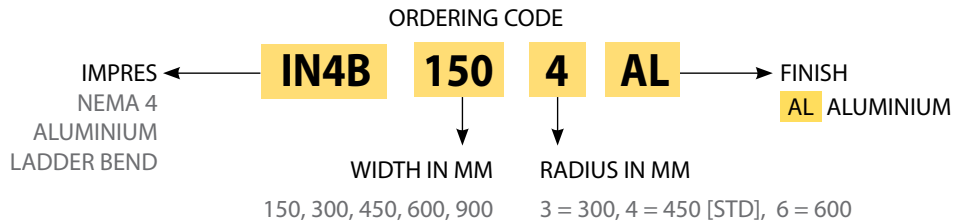
### NEMA 4 ALUMINIUM LADDER BEND



**NOTE:** The Standard Radius for a NEMA 4 Aluminium bend is 450mm. Other radius sizes are available on firm orders only

- Each NEMA 4 Aluminium bend requires 8 x INLBOLTS AND INLNUTS

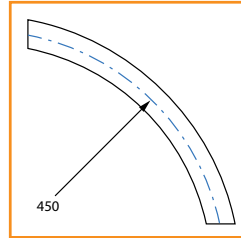
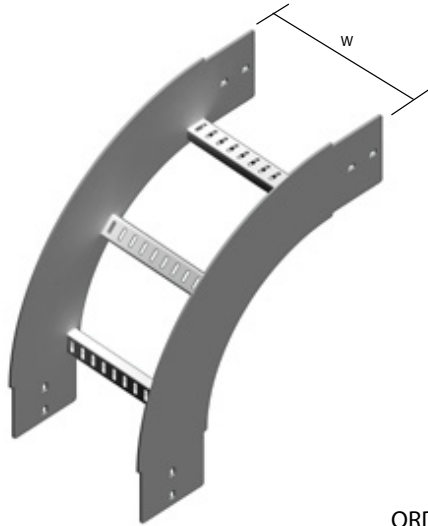
NEMA 4 Ladder	Width (W)	Length (L)
IN4B1504AL	150mm	600mm
IN4B3004AL	300mm	750mm
IN4B4504AL	450mm	900mm
IN4B6004AL	600mm	1050mm
IN4B9004AL	900mm	1350mm



# TRAY SYSTEMS

## ALUMINIUM LADDERS

### NEMA 4 ALUMINIUM EXTERNAL RISER



NOTE: The Standard Radius for a NEMA 4 Aluminium External Riser is 450mm. Other radius sizes are available on firm orders only

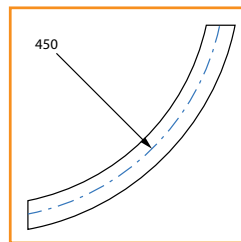
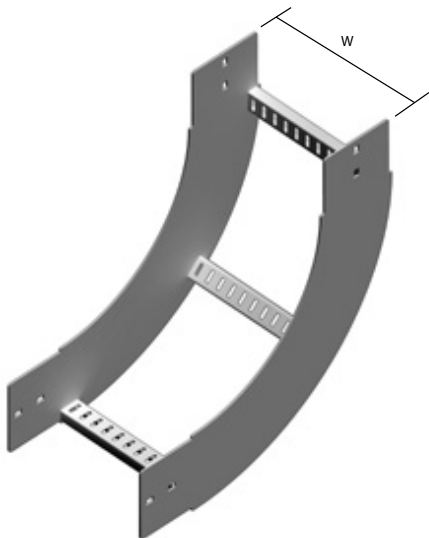
■ Each NEMA 4 Aluminium External Riser requires 8 x INLBOLT-S AND INLNUT-S

ORDERING CODE

IMPRES ← **IN4ER** **150** **4** **AL** → FINISH  
NEMA 4 ALUMINIUM EXTERNAL RISER      AL ALUMINIUM

WIDTH IN MM      RADIUS IN MM  
150, 300, 450, 600, 900      3 = 300, 4 = 450 [STD], 6 = 600

### NEMA 4 ALUMINIUM INTERNAL RISER



NOTE: The Standard Radius for a NEMA 4 Aluminium Internal Riser is 450mm. Other radius sizes are available on firm orders only

■ Each NEMA 4 Aluminium Internal Riser requires 8 x INLBOLT-S AND INLNUT-S

ORDERING CODE

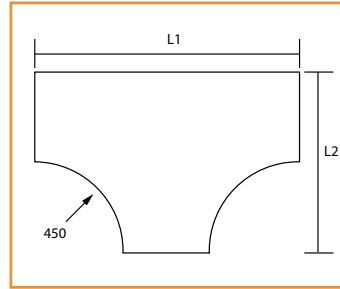
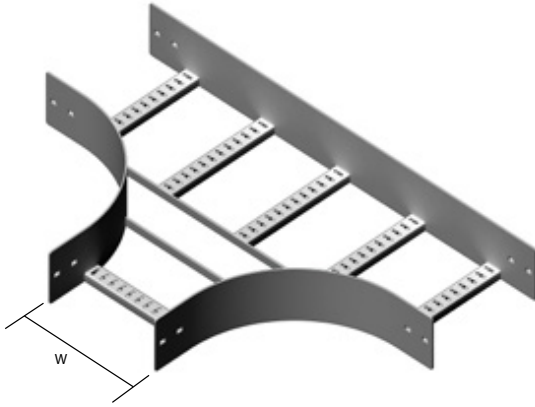
IMPRES ← **IN4IR** **150** **4** **AL** → FINISH  
NEMA 4 ALUMINIUM INTERNAL RISER      AL ALUMINIUM

WIDTH IN MM      RADIUS IN MM  
150, 300, 450, 600, 900      3 = 300, 4 = 450 [STD], 6 = 600

# TRAY SYSTEMS

## ALUMINIUM LADDERS

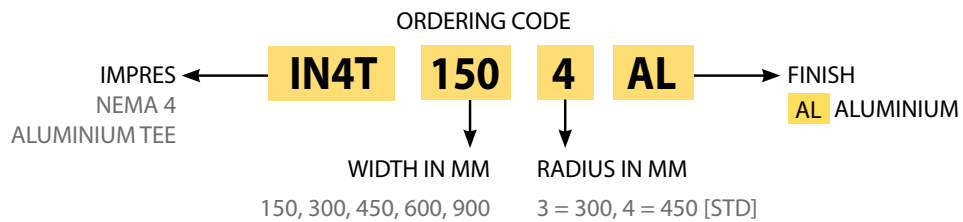
### NEMA 4 ALUMINIUM LADDER TEE



**NOTE:** The Standard Radius for a NEMA 4 Aluminium TEE is 450mm. Other radius sizes are available on firm orders only

- Each NEMA 4 Aluminium External Riser requires 12 x INLBOLT-S AND INLNUT-S

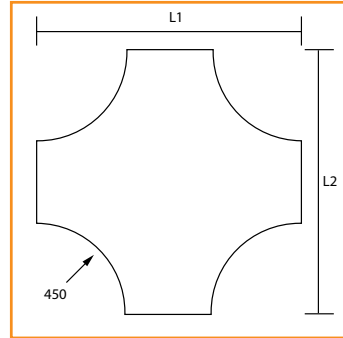
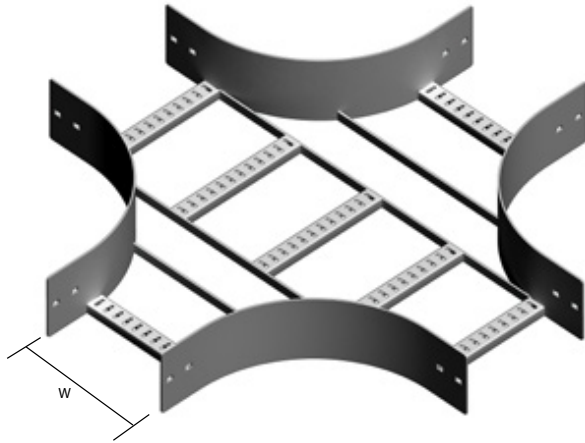
NEMA 4 Ladder	Width (W)	Length (L1)	Length (L2)
IN4T1504AL	150	1050mm	600mm
IN4T3004AL	300	1200mm	750mm
IN4T4504AL	450	1350mm	900mm
IN4T6004AL	600	1500mm	1050mm
IN4T9004AL	900	1800mm	1350mm



# TRAY SYSTEMS

## ALUMINIUM LADDERS

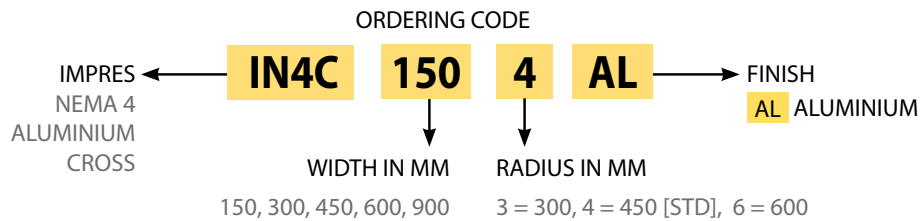
### NEMA 4 ALUMINIUM LADDER CROSS



**NOTE:** The Standard Radius for a NEMA 4 Aluminium Cross is 450mm. Other radius sizes are available on firm orders only

- Each NEMA 4 Aluminium Cross requires 16 x INLBOLT-S AND INLNUT-S

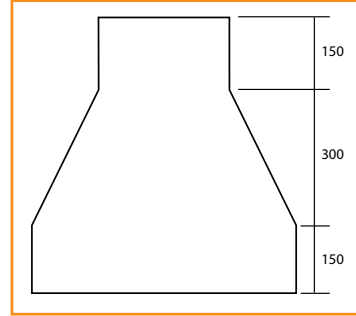
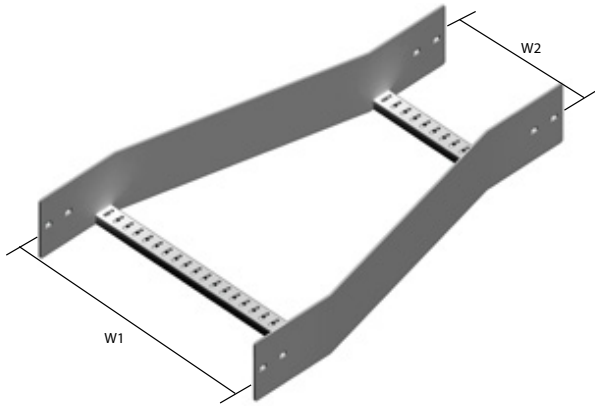
NEMA 4 Ladder	Width (W)	Length (L1/L2)
IN4C1504AL	150mm	1050mm
IN4C3004AL	300mm	1200mm
IN4C4504AL	450mm	1350mm
IN4C6004AL	600mm	1500mm
IN4C9004AL	900mm	1800mm



# TRAY SYSTEMS

## ALUMINIUM LADDERS

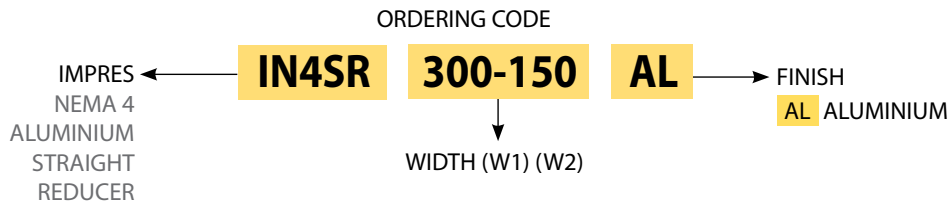
### NEMA 4 ALUMINIUM LADDER STRAIGHT REDUCER



**IMPORTANT:** The NEMA 4 Aluminium Ladder Reducer is available on firm orders only

- Each NEMA 4 Aluminium Straight Reducer requires 8 x INLBOLTS AND INLNUTS

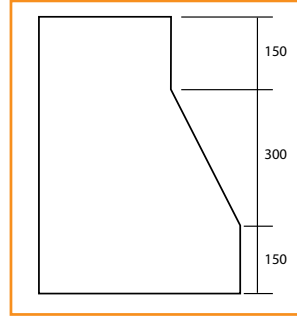
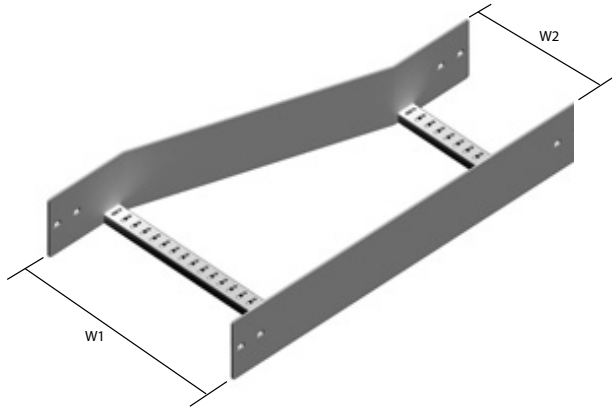
NEMA 4 Ladder	Width (W1)	Width (W2)
IN4SR300-150	300	150
IN4SR450-150	450	150
IN4SR450-300	450	300
IN4SR600-150	600	150
IN4SR600-300	600	300
IN4SR600-450	600	450
IN4SR900-150	900	150
IN4SR900-300	900	300
IN4SR900-450	900	450
IN4SR900-600	900	600



# TRAY SYSTEMS

## ALUMINIUM LADDERS

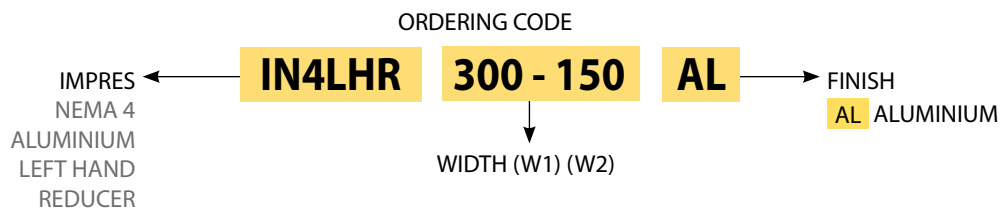
### NEMA 4 ALUMINIUM LEFT HAND REDUCER



**IMPORTANT:** The NEMA 4 Aluminium Ladder Left Hand Reducer is available on firm orders only

- Each NEMA 4 Aluminium Ladder Left Hand Reducer requires requires 8 x INLBOLTS AND INLNUTS

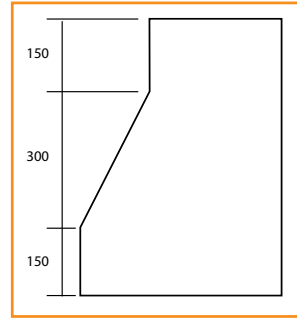
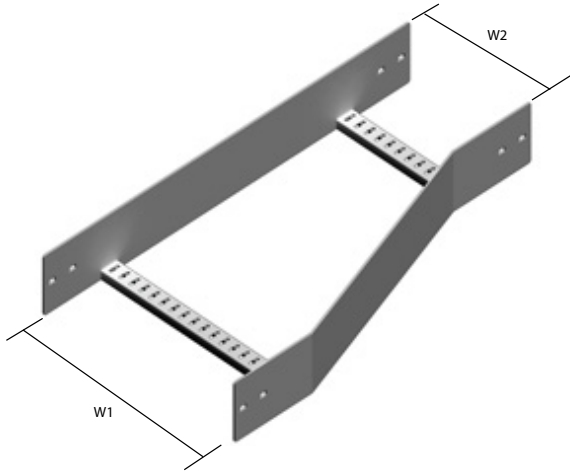
NEMA 4 Ladder	Width (W1)	Width (W2)
IN4LHR300-150	300	150
IN4LHR450-150	450	150
IN4LHR450-300	450	300
IN4LHR600-150	600	150
IN4LHR600-300	600	300
IN4LHR600-450	600	450
IN4LHR900-150	900	150
IN4LHR900-300	900	300
IN4LHR900-450	900	450
IN4LHR900-600	900	600



# TRAY SYSTEMS

## ALUMINIUM LADDERS

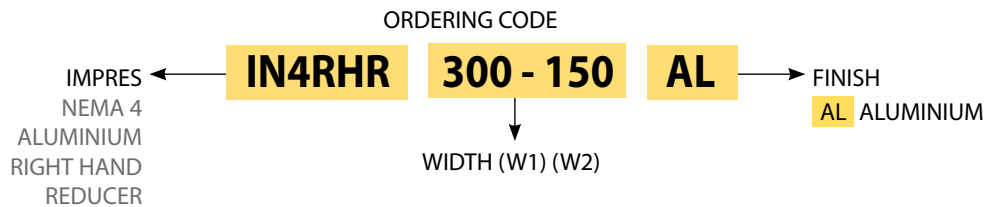
### NEMA 4 ALUMINIUM RIGHT HAND REDUCER



**IMPORTANT:** The NEMA 4 Aluminium Ladder Right Hand Reducer is available on firm orders only

- Each NEMA 4 Aluminium Ladder Right Hand Reducer requires 8 x INLBOLT-S AND INLNUT-S

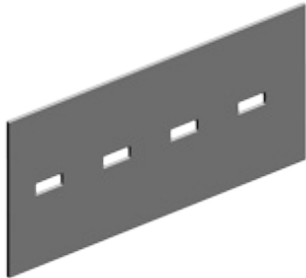
NEMA 4 Ladder	Width (W1)	Width (W2)
IN4RHR300-150	300	150
IN4RHR450-150	450	150
IN4RHR450-300	450	300
IN4RHR600-150	600	150
IN4RHR600-300	600	300
IN4RHR600-450	600	450
IN4RHR900-150	900	150
IN4RHR900-300	900	300
IN4RHR900-450	900	450
IN4RHR900-600	900	600



# TRAY SYSTEMS

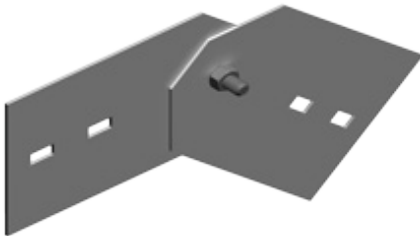
## ALUMINIUM LADDERS

### NEMA 4 ALUMINIUM SPLICE PLATE



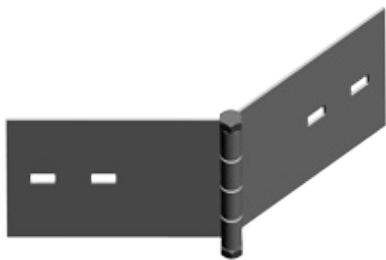
ORDERING CODE  
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NEMA 4 AL ALUMINIUM  
SPLICE PLATE

### NEMA 4 ALUMINIUM VERTICAL SPLICE PLATE



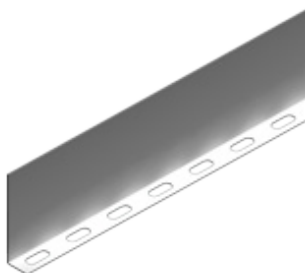
ORDERING CODE  
IMPRES ← **IN4VS** **AL** → FINISH  
NEMA 4 AL ALUMINIUM  
VERTICAL SPLICE PLATE

### NEMA 4 ALUMINIUM HORIZONTAL SPLICE PLATE



ORDERING CODE  
IMPRES ← **IN4HS** **AL** → FINISH  
NEMA 4 AL ALUMINIUM  
HORIZONTAL SPLICE PLATE

### NEMA 4 ALUMINIUM DIVIDER STRIP

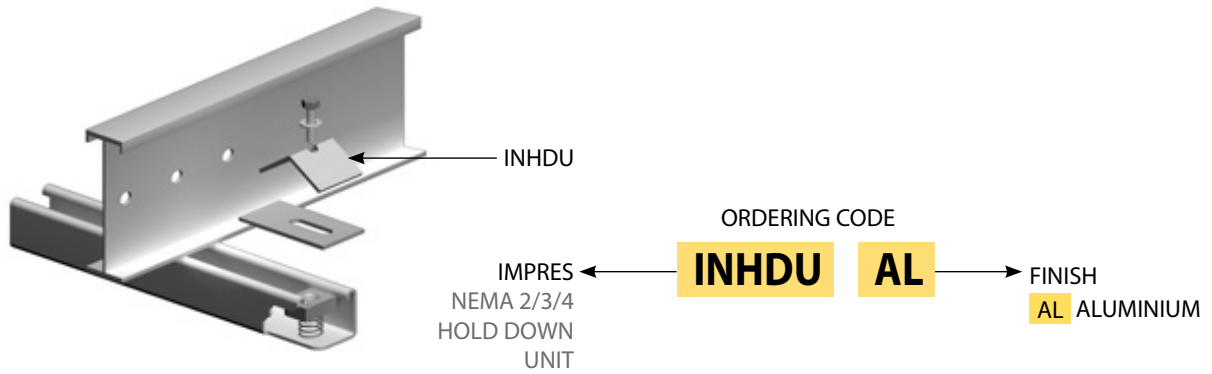


ORDERING CODE  
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NEMA 4 AL ALUMINIUM  
DIVIDER STRIP

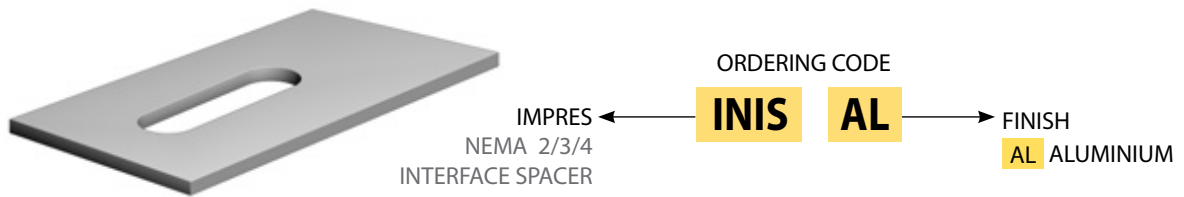
# TRAY SYSTEMS

## ALUMINIUM LADDERS

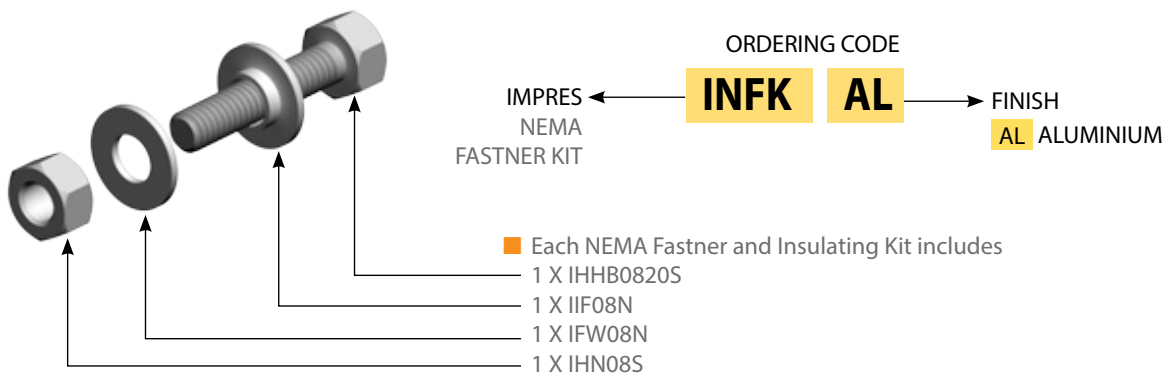
### NEMA HOLD DOWN UNIT



### NEMA ALUMINIUM INSULATION SPACER



### NEMA FASTNER & INSULATING KIT



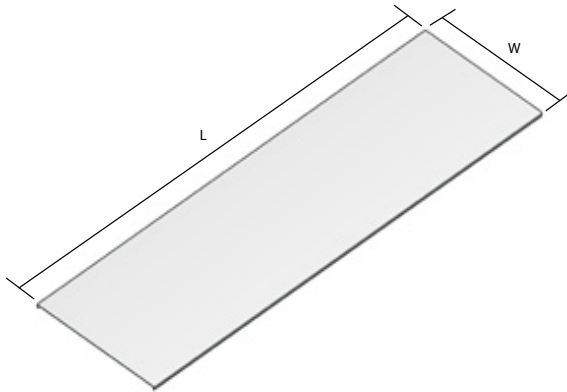
# CABLE TRAY/LADDER COVERS



# COVERS

## CABLE/ LADDER TRAY COVERS

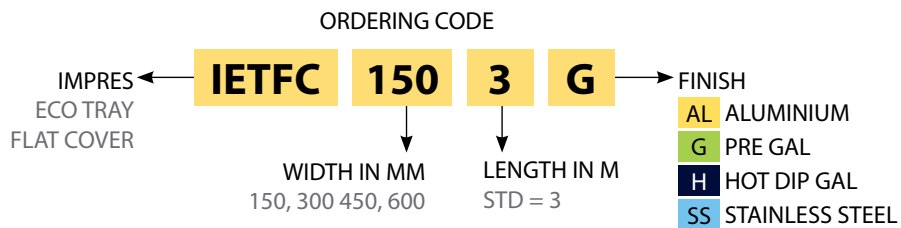
### FLAT COVERS



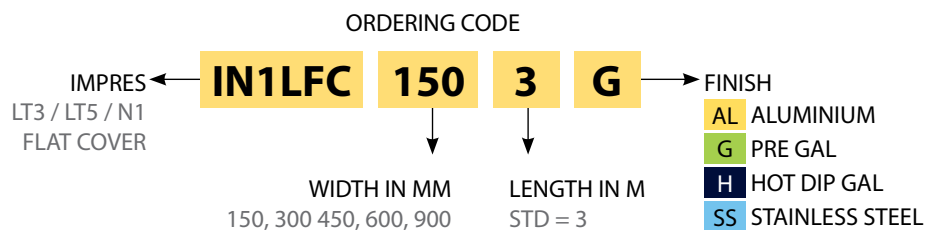
■ IMPRES Flat Covers are manufactured from Sheet metal to suit Eco Trays, LT3, LT5 and Nema Ladders 1, 2, 3 and 4.

**IMPORTANT:** Standard length = 3m. The 2.4m Flat Covers are available on firm orders only

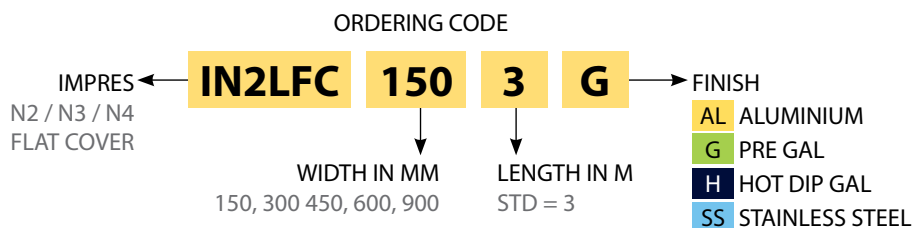
### ECO TRAY FLAT COVERS



### LT3 / LT5 / NEMA1 FLAT COVERS



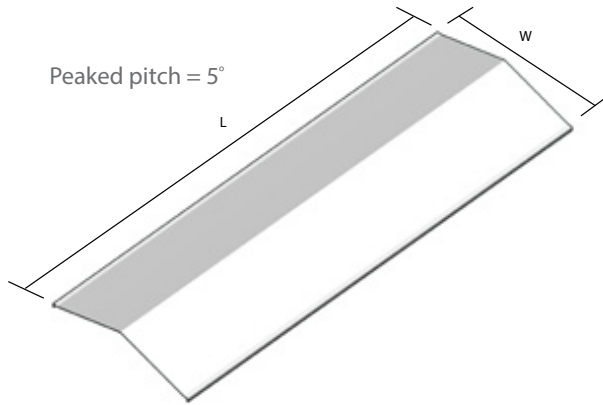
### NEMA 2/3/4 FLAT COVERS



# COVERS

## CABLE/ LADDER TRAY COVERS

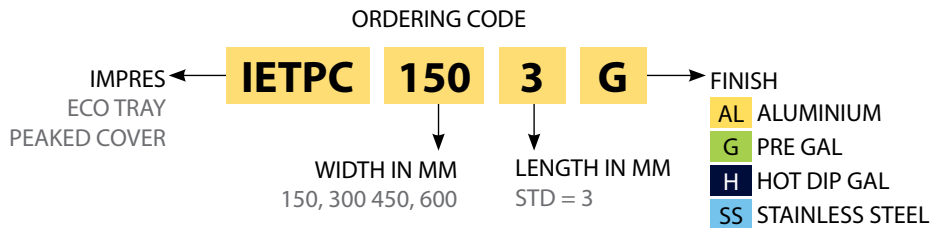
### PEAKED COVERS



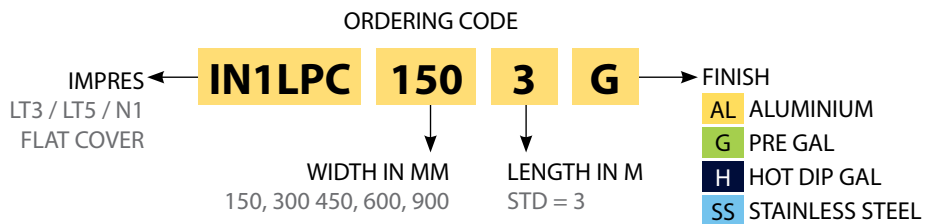
■ IMPRES Peaked Covers are manufactured from Sheet metal to suit Eco Trays, LT3, LT5 and Nema Ladders 1, 2, 3 and 4.

**IMPORTANT:** Standard length = 3m. The 2.4m Peaked Covers are available on firm orders only

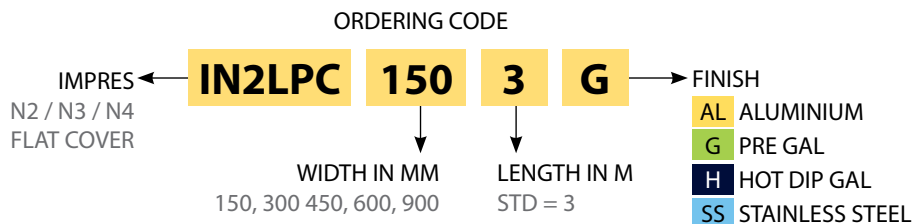
### ECO TRAY PEAKED COVERS



### LT3 / LT5 / NEMA1 PEAKED COVERS



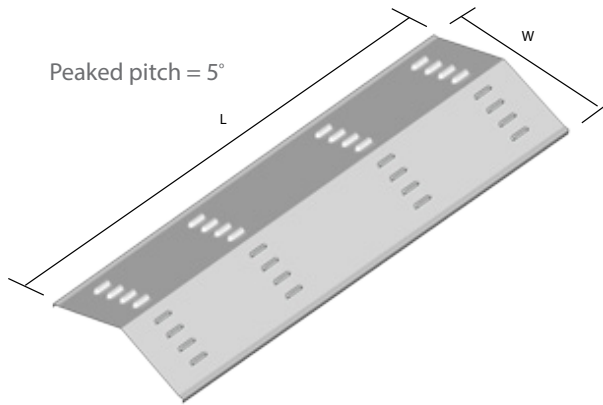
### NEMA 2/3/4 PEAKED COVERS



# COVERS

## CABLE/ LADDER TRAY COVERS

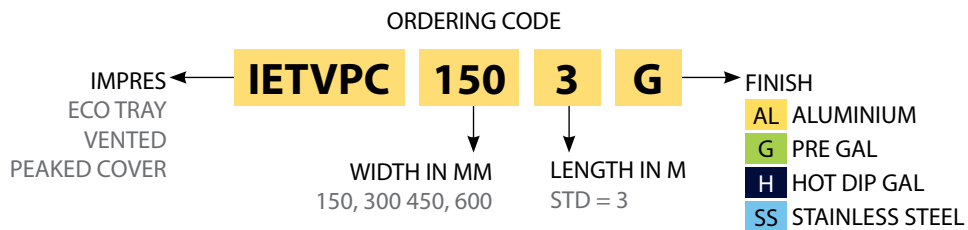
### VENTED PEAKED COVERS



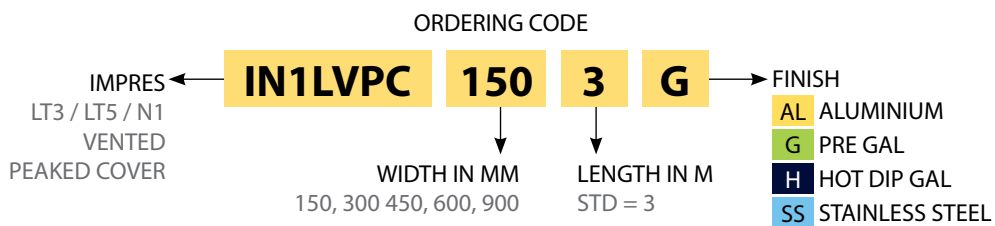
■ IMPRES Vented Peaked Covers are manufactured from Sheet metal to suit Eco Trays, LT3, LT5 and Nema Ladders 1, 2, 3 and 4.

**IMPORTANT:** Standard length = 3m. The 2.4m Vented Peaked Covers are available on firm orders only

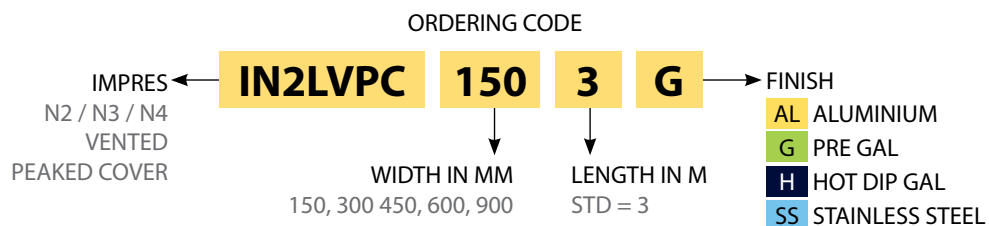
### ECO TRAY VENTED PEAKED COVERS



### LT3 / LT5 / NEMA1 VENTED PEAKED COVERS



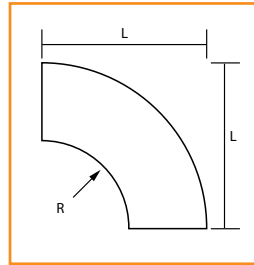
### NEMA 2/3/4 VENTED PEAKED COVERS



# COVERS

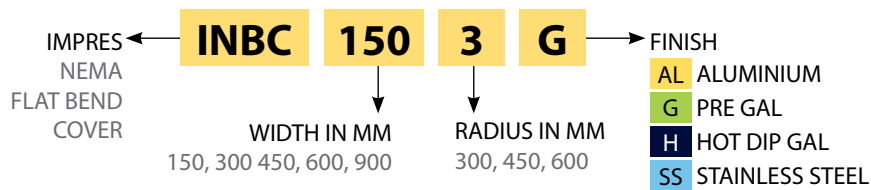
## CABLE/ LADDER TRAY COVERS

### NEMA FLAT BEND COVER

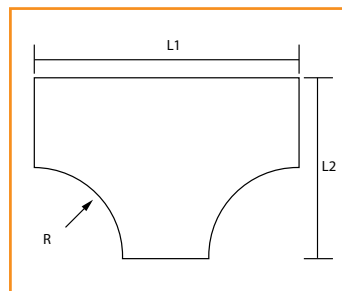
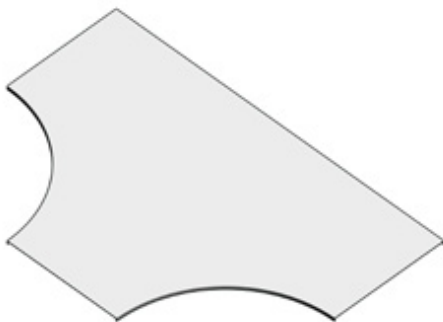


- IMPRES Bend Covers are manufactured from sheet metal to suit Nema Ladders 1,2, 3 and 4.
- Standard Radius for Nema1 Bend is 300 and Nema 2 / 3 is 450.
- Other radius available on firm orders only

#### ORDERING CODE

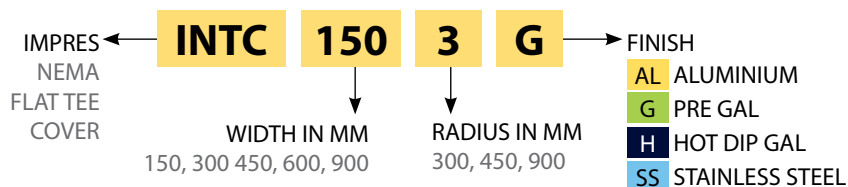


### NEMA FLAT TEE COVER



- IMPRES Tee Covers are manufactured from Sheet metal to suit Nema Ladders 1,2, 3 and 4.
- Standard Radius for Nema 1 Tee is 300 and Nema 2/3/4 is 450
- Other radius available on firm orders only

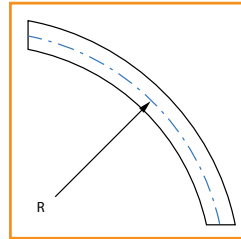
#### ORDERING CODE



# COVERS

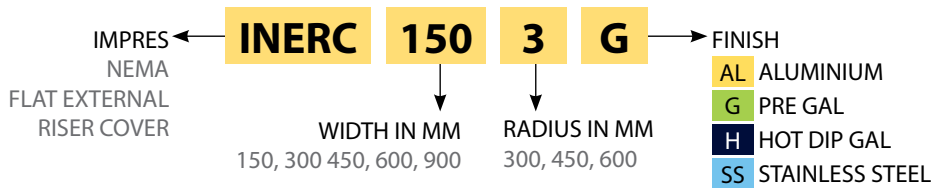
## CABLE/ LADDER TRAY COVERS

### NEMA FLAT EXTERNAL RISER COVER

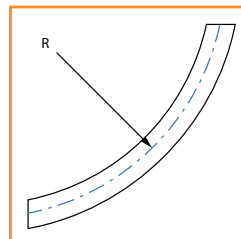


- IMPRES External Riser Covers are manufactured from Sheet metal to suit Nema Ladders 1, 2, 3 and 4.
- Standard Radius for Nema 1 External Riser is 300 and Nema 2/3 is 450.
- Other radius available on firm orders only

#### ORDERING CODE

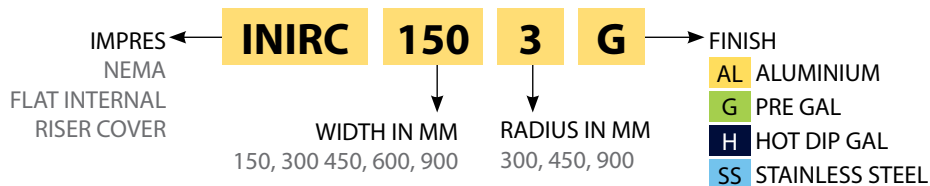


### NEMA FLAT INTERNAL RISER COVER



- IMPRES Internal Riser Covers are manufactured from Sheet metal to suit Nema Ladders 1, 2, 3 and 4.
- Standard radius for Nema 1 Bend is 300 and Nema 2 / 3 is 450.
- Other radius available on firm orders only

#### ORDERING CODE

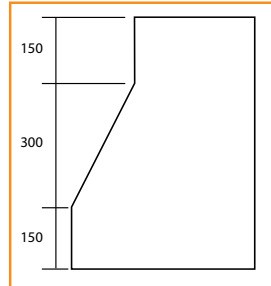
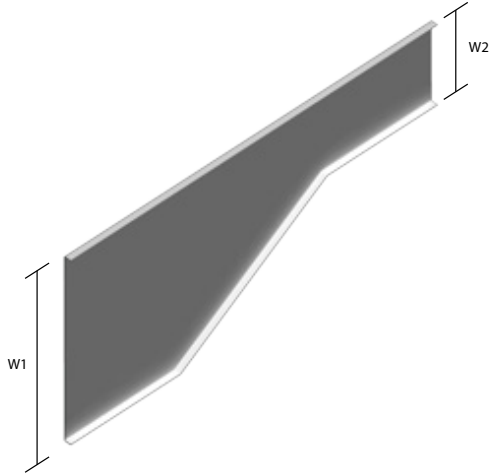




# COVERS

## CABLE/ LADDER TRAY COVERS

### NEMA RIGHT HAND REDUCER FLAT COVER



- IMPRES Right Hand Reducer Covers are manufactured from sheet metal to suit Nema Ladders 1, 2, 3 and 4.

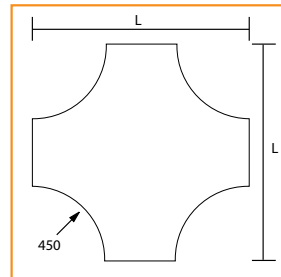
ORDERING CODE

IMPRES NEMA RIGHT HAND REDUCER FLAT COVER → **INRHRC** **300-150** **G** → FINISH

AL ALUMINIUM  
 G PRE GAL  
 H HOT DIP GAL  
 SS STAINLESS STEEL

WIDTH (W1) (W2)

### NEMA CROSS FLAT COVER



- IMPRES Cross Covers are manufactured from Sheet metal to suit Nema Ladders 1, 2, 3 and 4.
- Standard Radius for Nema 1 Cross is 300 and Nema 2/3 is 450.
- Other radius available on firm orders only

**IMPORTANT:** The Cross Covers are available on firm orders only

ORDERING CODE

IMPRES NEMA FLAT CROSS COVER → **INCC** **150** **3** **G** → FINISH

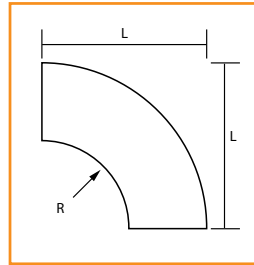
AL ALUMINIUM  
 G PRE GAL  
 H HOT DIP GAL  
 SS STAINLESS STEEL

WIDTH 150, 300 450, 600  
 RADIUS 300, 450, 600

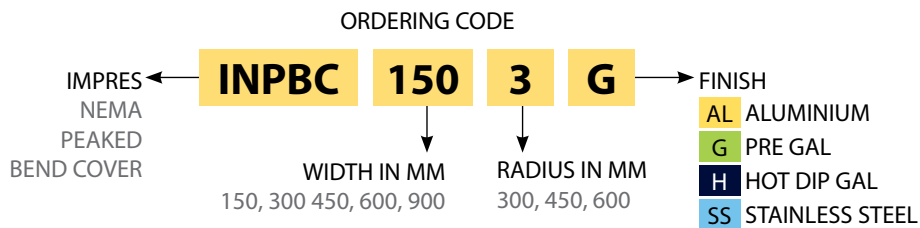
# COVERS

## CABLE/ LADDER TRAY COVERS

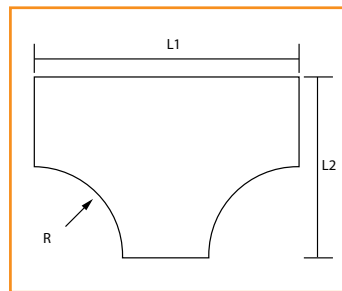
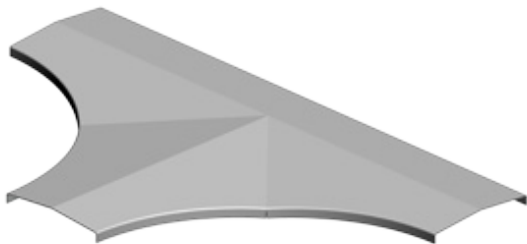
### NEMA PEAKED BEND COVER



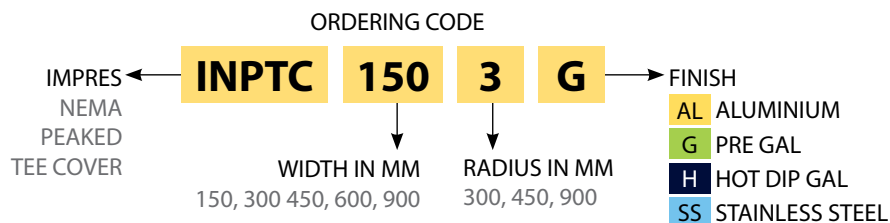
- IMPRES Peaked Bend Covers are manufactured from sheet metal to suit Nema Ladders 1, 2, 3 and 4.
- Standard Radius for Nema1 Bend is 300 and Nema 2 / 3 is 450.
- Other radius available on firm orders only



### NEMA PEAKED TEE COVER



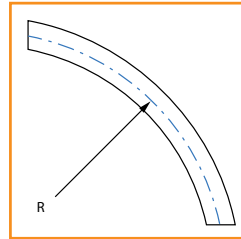
- IMPRES Tee Covers are manufactured from Sheet metal to suit Nema Ladders 1, 2, 3 and 4.
- Standard Radius for Nema 1 Tee is 300 and Nema 2/3 is 450
- Other radius available on firm orders only



# COVERS

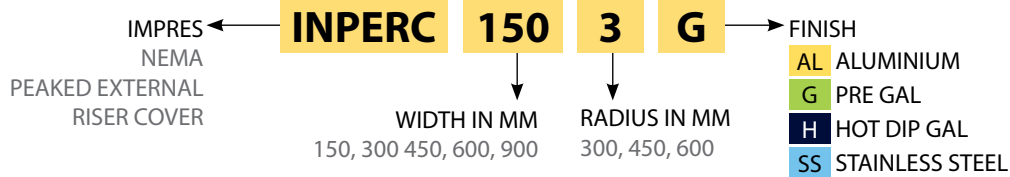
## CABLE/ LADDER TRAY COVERS

### NEMA PEAKED EXTERNAL RISER COVER

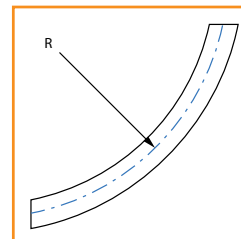


- IMPRES External Riser Covers are manufactured from Sheet metal to suit Nema Ladders 1, 2, 3 and 4.
- Standard Radius for Nema 1 External Riser is 300 and Nema 2/3 is 450.
- Other radius available on firm orders only

#### ORDERING CODE

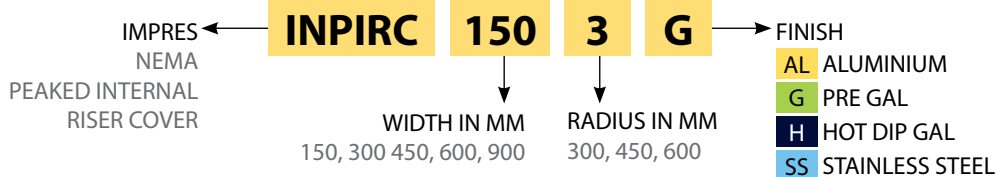


### NEMA PEAKED INTERNAL RISER COVER



- IMPRES Internal Riser Covers are manufactured from Sheet metal to suit Nema Ladders 1, 2, 3 and 4.
- Standard radius(R) for Nema 1 Bend is 300 and Nema 2 / 3 is 450.
- Other radius available on firm orders only

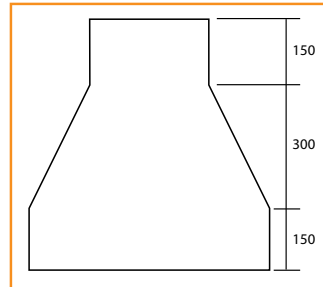
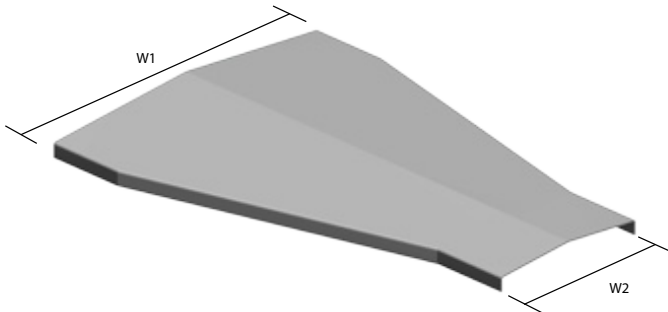
#### ORDERING CODE



# COVERS

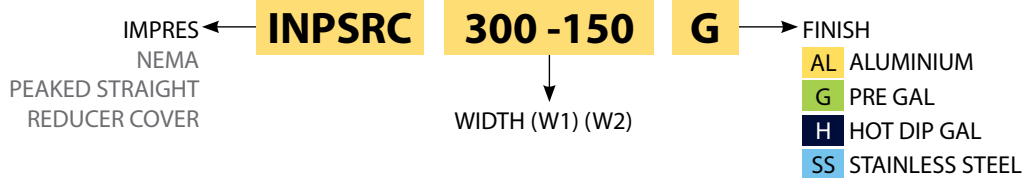
## CABLE/ LADDER TRAY COVERS

### NEMA STRAIGHT REDUCER PEAKED COVER

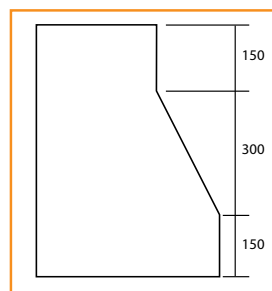
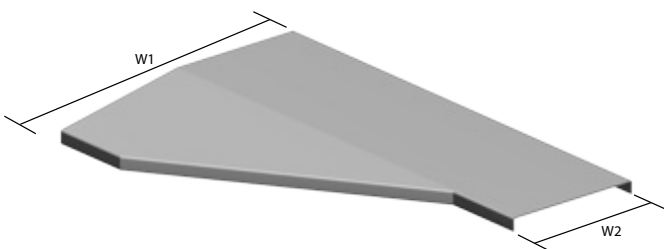


- IMPRES Straight Reducer Covers are manufactured from sheet metal to suit Nema Ladders 1, 2, 3 and 4.

#### ORDERING CODE

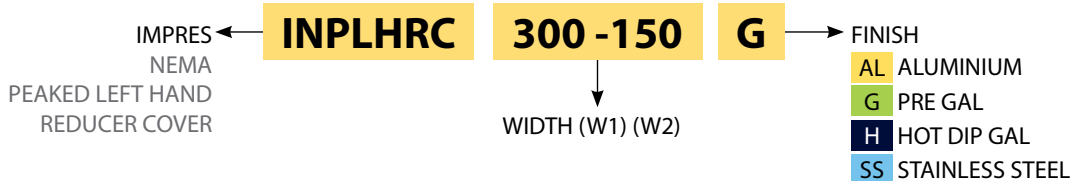


### NEMA LEFT HAND REDUCER PEAKED COVER



- IMPRES Left Hand Reducer Covers are manufactured from Sheet metal to suit Nema Ladders 1, 2, 3 and 4.

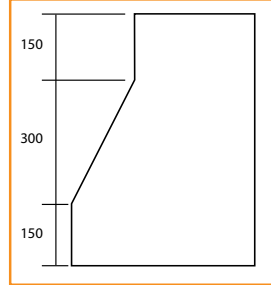
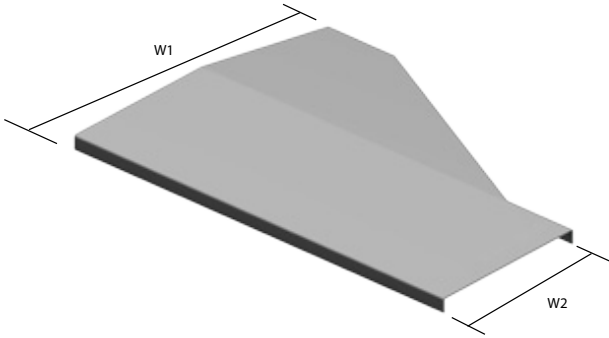
#### ORDERING CODE



# COVERS

## CABLE/ LADDER TRAY COVERS

### NEMA PEAKED RIGHT HAND REDUCER COVER



■ IMPRES Right Hand Reducer Covers are manufactured from sheet metal to suit Nema Ladders 1, 2, 3 and 4.

ORDERING CODE

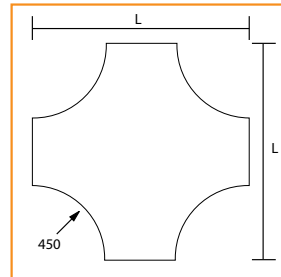
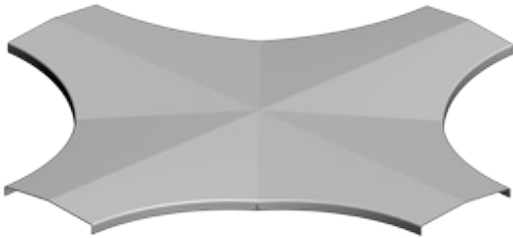
IMPRES ← **INPRHRC** **300-150** **G** → FINISH

IMPRES NEMA PEAKED RIGHT HAND REDUCER COVER

WIDTH (W1) (W2)

AL ALUMINIUM  
G PRE GAL  
H HOT DIP GAL  
SS STAINLESS STEEL

### NEMA PEAKED CROSS COVER



- IMPRES Cross Covers are manufactured from Sheet metal to suit Nema Ladders 1, 2, 3 and 4.
- Standard Radius for Nema 1 Cross is 300 and Nema 2/3 is 450.
- Other radius available on firm orders only

**IMPORTANT:** The Cross Covers are available on firm orders only

ORDERING CODE

IMPRES ← **INPCC** **150** **3** **G** → FINISH

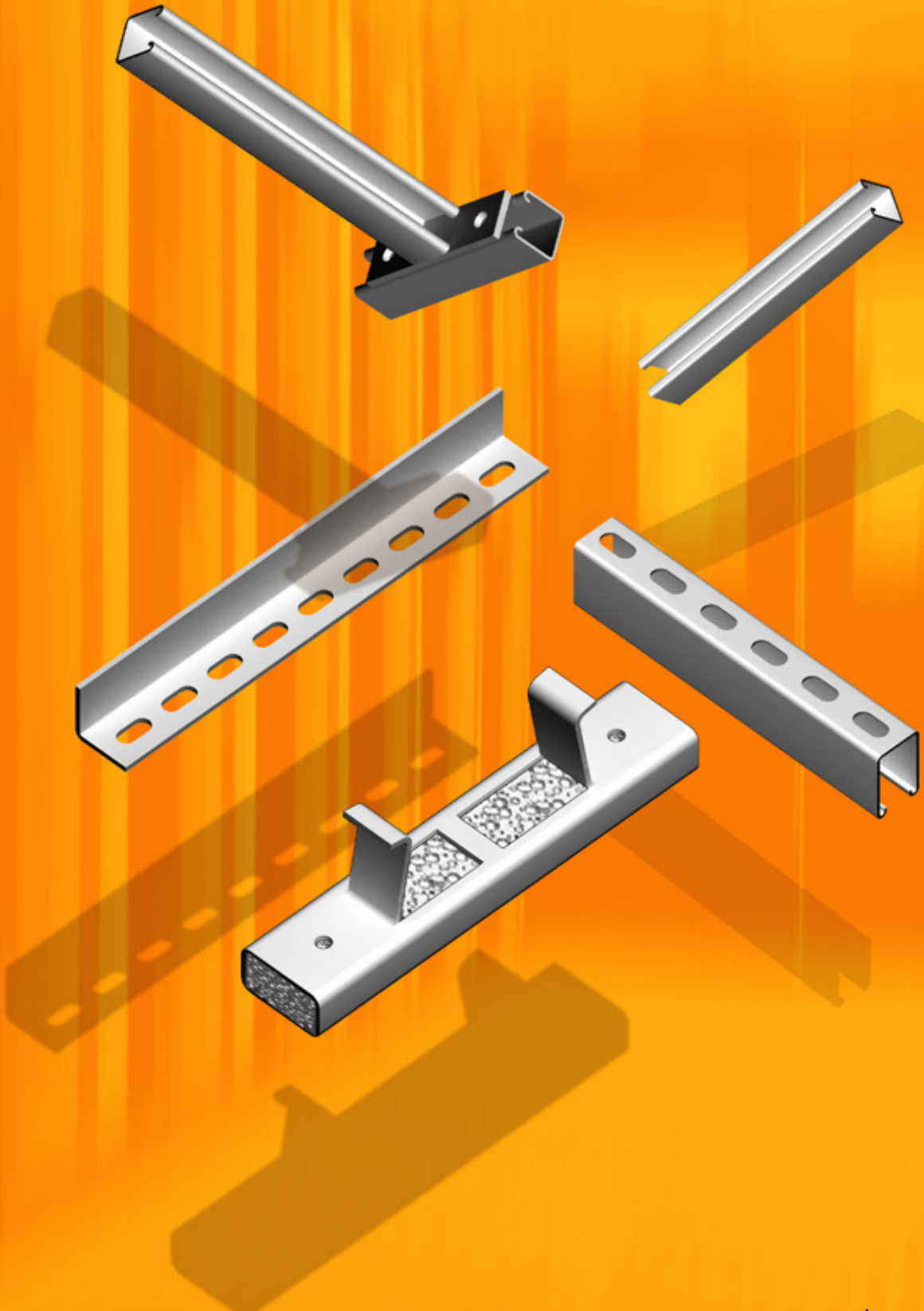
IMPRES NEMA PEAKED CROSS COVER

WIDTH IN MM  
150, 300 450, 600

RADIUS IN MM  
300, 450, 600

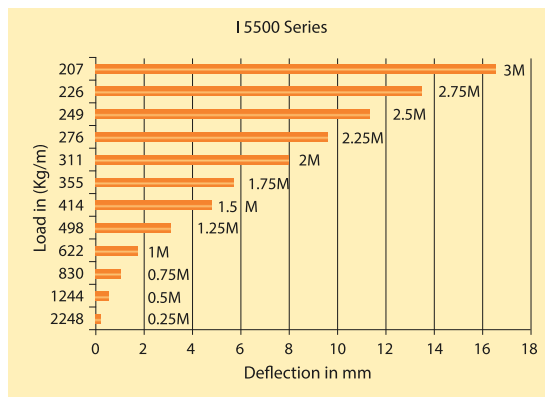
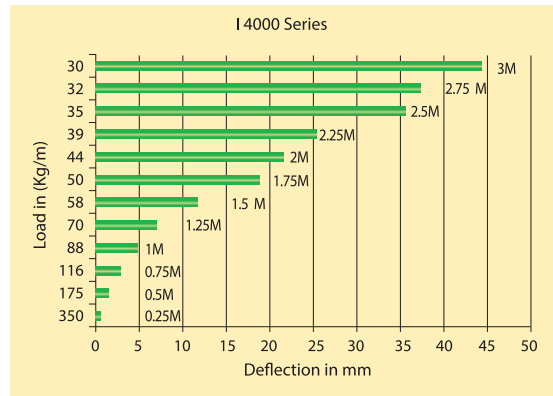
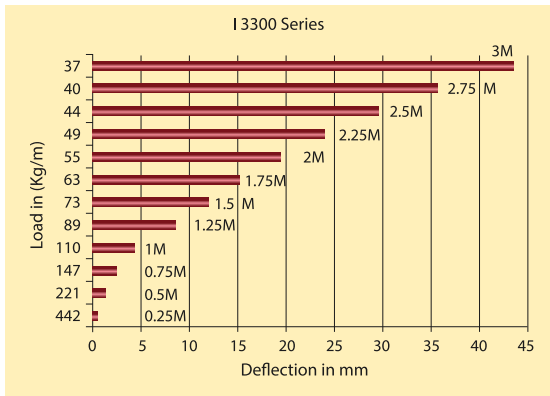
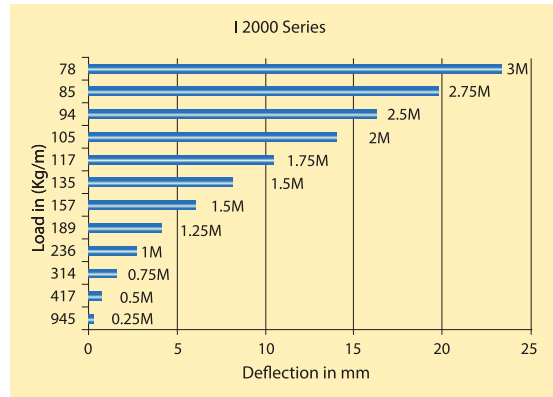
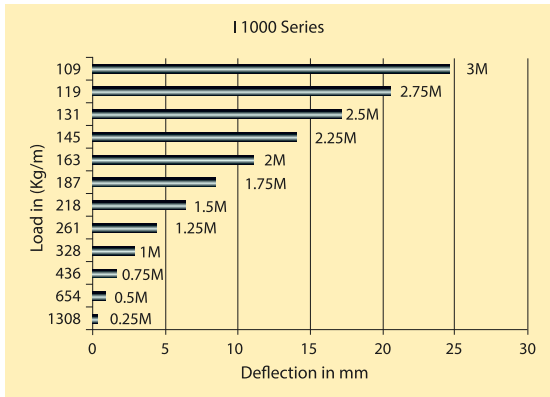
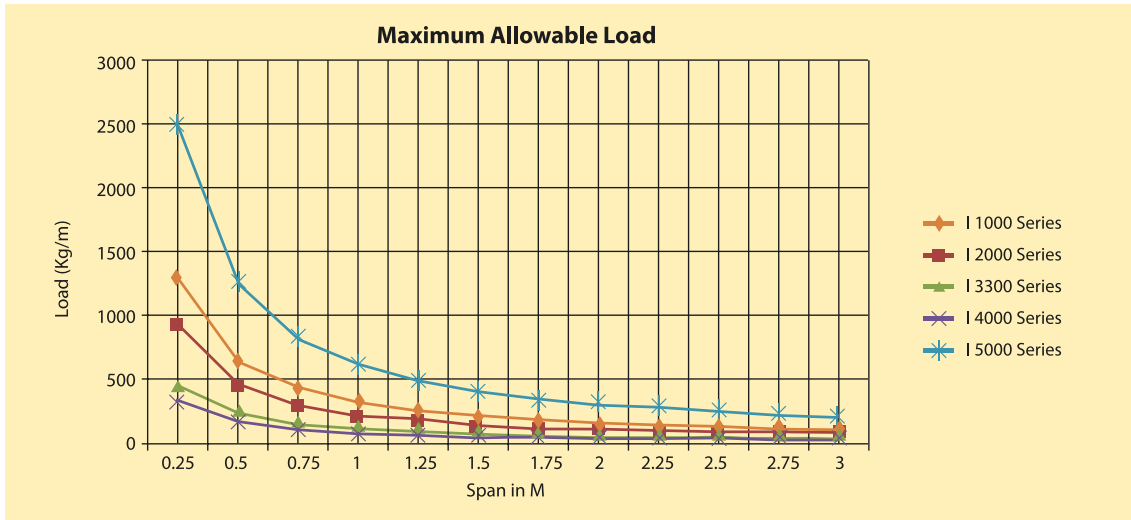
AL ALUMINIUM  
G PRE GAL  
H HOT DIP GAL  
SS STAINLESS STEEL

# CHANNELS



# CHANNELS

## LOAD DEFLECTION CHART

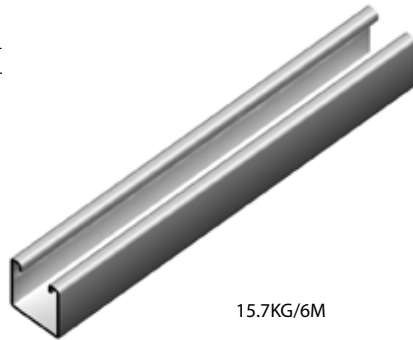
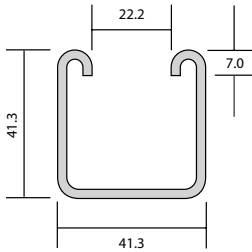


# CHANNELS

## PLAIN CHANNELS

### CHANNEL I1000

Thickness: 2.5mm (Mild Steel /Stainless Steel)  
Length: 6m



15.7KG/6M

ORDERING CODE

**I 1000**

IMPRES  
CHANNEL

**H**

FINISH

**G** PRE GAL

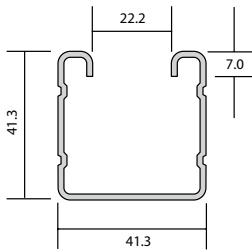
**H** HOT DIP GAL

**SS** STAINLESS STEEL

**M** MILL / BLACK

### CHANNEL I2000

Thickness: 1.6mm (Mild Steel /Stainless Steel)  
Length: 6m



10.8KG/6M

ORDERING CODE

**I 2000**

IMPRES  
CHANNEL

**H**

FINISH

**G** PRE GAL

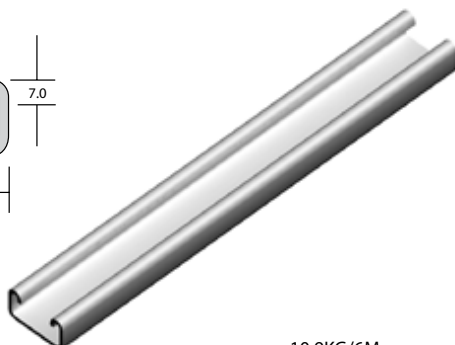
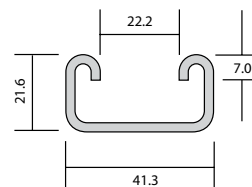
**H** HOT DIP GAL

**SS** STAINLESS STEEL

**M** MILL / BLACK

### CHANNEL I3300

Thickness: 2.5mm (Mild Steel /Stainless Steel)  
Length: 6m



10.9KG/6M

ORDERING CODE

**I 3300**

IMPRES  
CHANNEL

**H**

FINISH

**G** PRE GAL

**H** HOT DIP GAL

**SS** STAINLESS STEEL

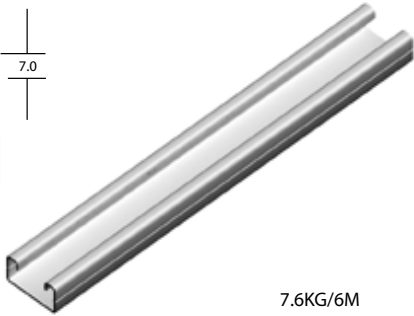
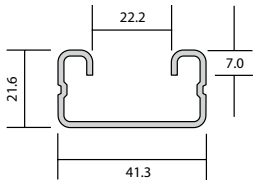
**M** MILL / BLACK

# CHANNELS

## PLAIN CHANNELS

### CHANNEL I4000

Thickness: 1.6mm (Mild Steel /Stainless Steel)  
Length: 6m



7.6KG/6M

ORDERING CODE

**I 4000**

IMPRES  
CHANNEL

**H**

FINISH

**G** PRE GAL

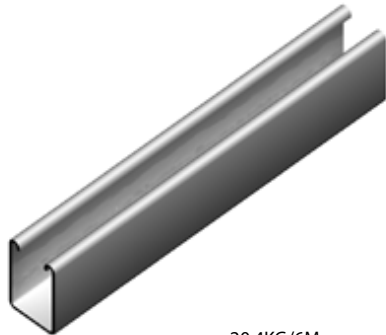
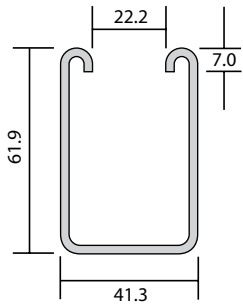
**H** HOT DIP GAL

**SS** STAINLESS STEEL

**M** MILL / BLACK

### CHANNEL I5500

Thickness: 2.5mm (Mild Steel /Stainless Steel)  
Length: 6m



20.4KG/6M

ORDERING CODE

**I 5500**

IMPRES  
CHANNEL

**H**

FINISH

**G** PRE GAL

**H** HOT DIP GAL

**SS** STAINLESS STEEL

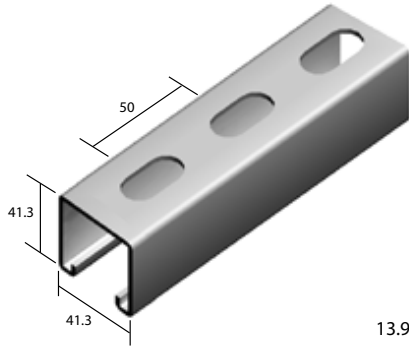
**M** MILL / BLACK

# CHANNELS

## SLOTTED CHANNELS

### SLOTTED CHANNEL I1000T

Thickness: 2.5mm (Mild Steel /Stainless Steel)  
Length: 6m



13.9KG/6M

ORDERING CODE

**I 1000 T**

IMPRES  
CHANNEL

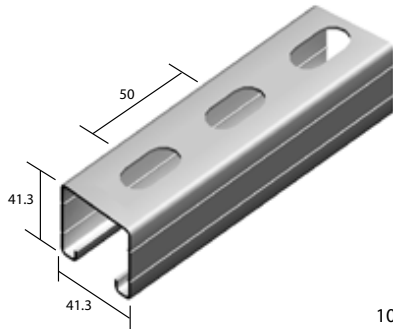
**H**

FINISH

- G** PRE GAL
- H** HOT DIP GAL
- SS** STAINLESS STEEL

### CHANNEL I2000T

Thickness: 1.6mm (Mild Steel /Stainless Steel)  
Length: 6m



10.5KG/6M

ORDERING CODE

**I 2000 T**

IMPRES  
CHANNEL

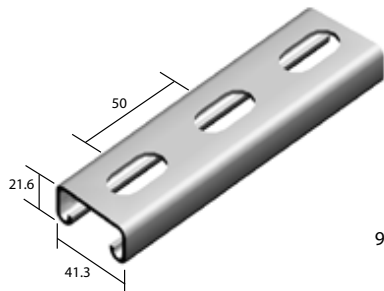
**H**

FINISH

- G** PRE GAL
- H** HOT DIP GAL

### CHANNEL I3300T

Thickness: 2.5mm (Mild Steel /Stainless Steel)  
Length: 6m



9.3KG/6M

ORDERING CODE

**I 3300 T**

IMPRES  
CHANNEL

**H**

FINISH

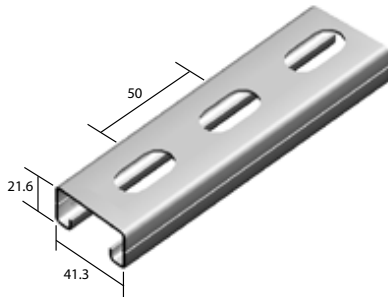
- G** PRE GAL
- H** HOT DIP GAL
- SS** STAINLESS STEEL

# CHANNELS

## SLOTTED CHANNELS

### SLOTTED CHANNEL I4000T

Thickness: 1.6mm (Mild Steel /Stainless Steel)  
Length: 6m



7.3KG/6M

ORDERING CODE

**I 4000 T**

↓  
IMPRES  
CHANNEL

**H**

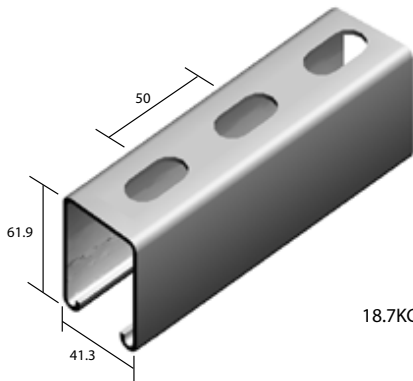
↓  
FINISH

**G** PRE GAL

**H** HOT DIP GAL

### CHANNEL I5500T

Thickness: 2.5mm (Mild Steel /Stainless Steel)  
Length: 6m



18.7KG/6M

ORDERING CODE

**I 5500 T**

↓  
IMPRES  
CHANNEL

**H**

↓  
FINISH

**G** PRE GAL

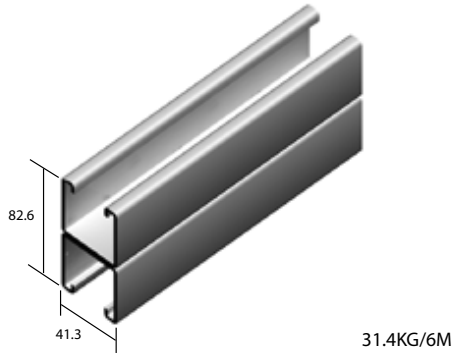
**H** HOT DIP GAL

# CHANNELS

## BACK TO BACK CHANNELS

### BACK TO BACK CHANNEL I1001

Thickness: 2.5mm (Mild Steel /Stainless Steel)  
Length: 6m



ORDERING CODE

**I 1001**

IMPRES  
CHANNEL

**H**

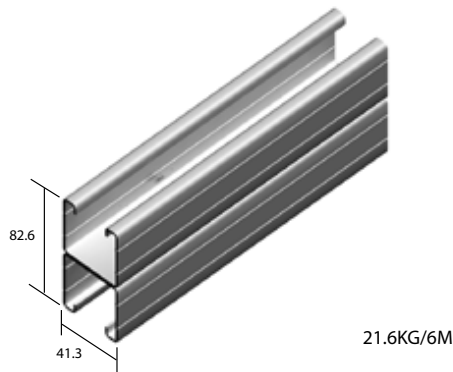
FINISH

**G** PRE GAL

**H** HOT DIP GAL

### BACK TO BACK CHANNEL I2001

Thickness: 1.6mm (Mild Steel /Stainless Steel)  
Length: 6m



ORDERING CODE

**I 2001**

IMPRES  
CHANNEL

**H**

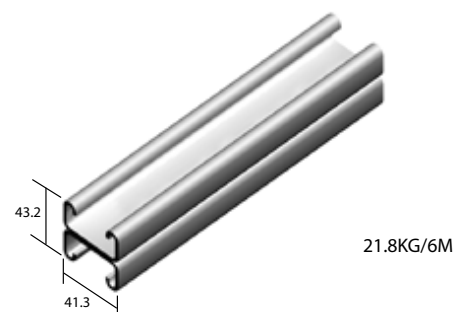
FINISH

**G** PRE GAL

**H** HOT DIP GAL

### BACK TO BACK CHANNEL I3301

Thickness: 2.5mm (Mild Steel /Stainless Steel)  
Length: 6m



ORDERING CODE

**I 3301**

IMPRES  
CHANNEL

**H**

FINISH

**G** PRE GAL

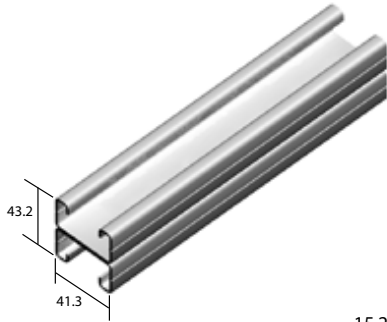
**H** HOT DIP GAL

# CHANNELS

## BACK TO BACK CHANNELS

### BACK TO BACK CHANNEL I4001

Thickness: 1.6mm (Mild Steel /Stainless Steel)  
Length: 6m



15.2KG/6M

ORDERING CODE

**I 4001**

IMPRES  
CHANNEL

**H**

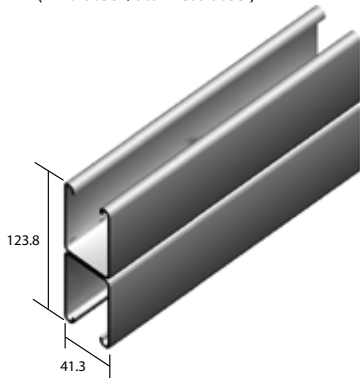
FINISH

**G** PRE GAL

**H** HOT DIP GAL

### BACK TO BACK CHANNEL I5501

Thickness: 2.5mm (Mild Steel /Stainless Steel)  
Length: 6m



40.8KG/6M

ORDERING CODE

**I 5501**

IMPRES  
CHANNEL

**H**

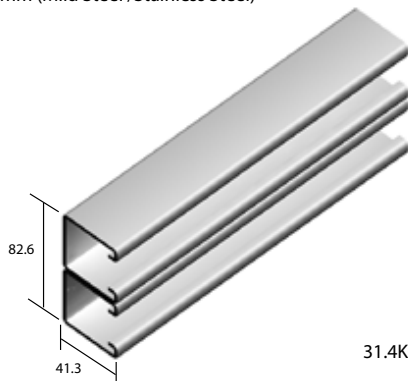
FINISH

**G** PRE GAL

**H** HOT DIP GAL

### BACK TO BACK CHANNEL I1001A

Thickness: 2.5mm (Mild Steel /Stainless Steel)  
Length: 6m



31.4KG/6M

ORDERING CODE

**I 1001 A**

IMPRES  
CHANNEL

**H**

FINISH

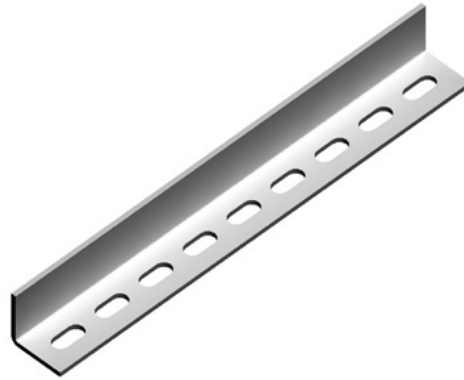
**G** PRE GAL

**H** HOT DIP GAL

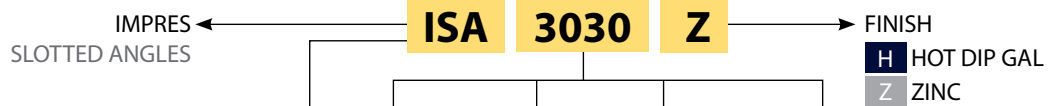
# CHANNELS

## SLOTTED ANGLES

### SLOTTED ANGLES



#### ORDERING CODES



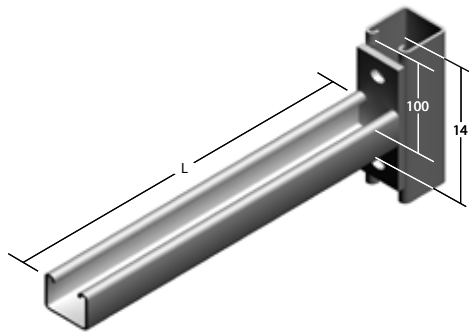
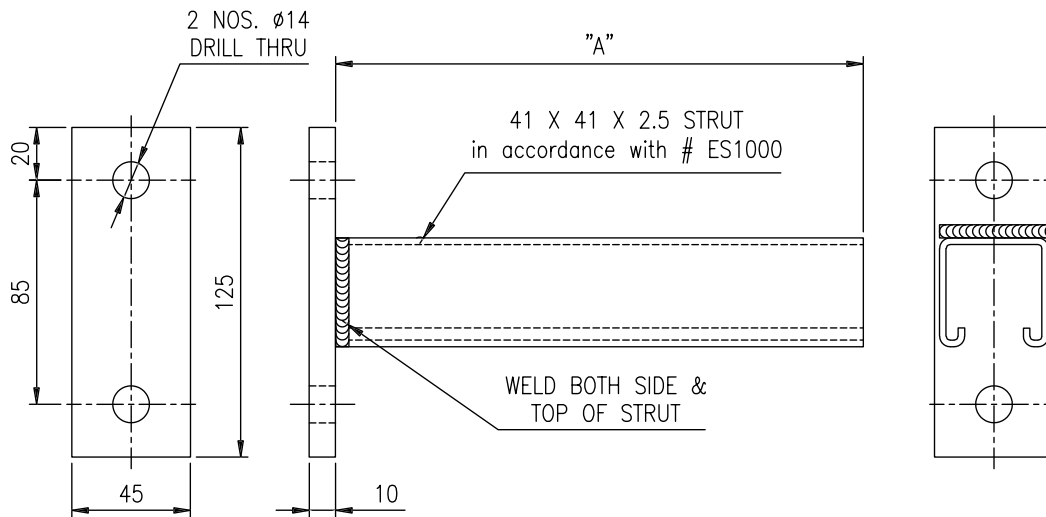
Slotted Angle	Height (H)	Width (W)	Length (L)	Slot Dimensions
ISA3030	30mm	30mm	3m	11 X 18mm
ISA4040	40mm	40mm	3m	11 X 18mm
ISA5050	50mm	50mm	3m	14 X 30mm

# CHANNELS

## CANTILEVER BRACKETS

- Standard thickness of 2.5mm
- Available finish in Hot Dip Galvanised and Stainless Steel.
- Stainless Steel products are manufactured on firm orders only.

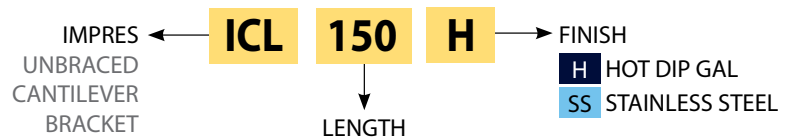
### UNBRACED CANTILEVER BRACKET



#### ORDERING CODES

Ordering Code	Length (L)	Load Capacity (kg)
ICL150	150 mm	320 kg
ICL300	300 mm	260 kg
ICL450	450 mm	171 kg
ICL600	600 mm	116 kg
ICL750	750 mm	102 kg

#### ORDERING CODE

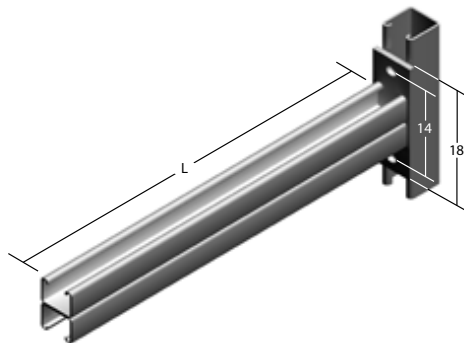
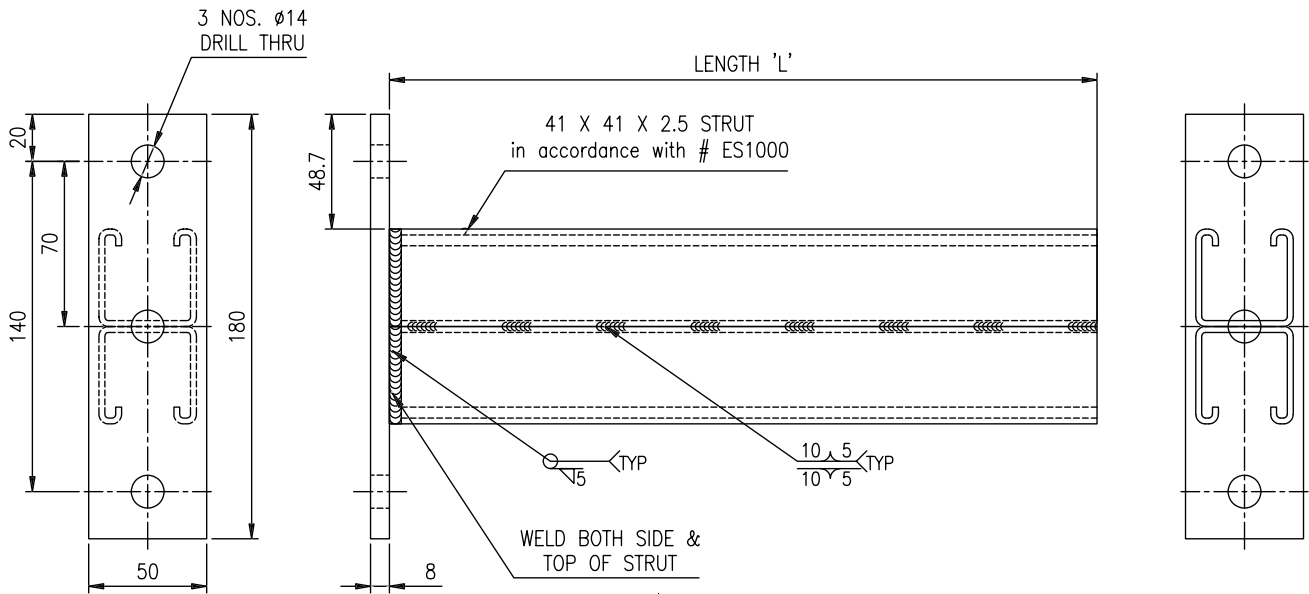


# CHANNELS

## CANTILEVER BRACKETS

- Standard thickness of 2.5mm
- Available finish in Hot Dip Galvanised and Stainless Steel.
- Stainless Steel products are manufactured on firm orders only.

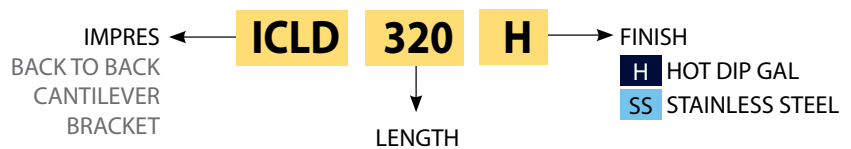
### BACK TO BACK CANTILEVER BRACKET



#### ORDERING CODES

Ordering Code	Length (L)	Load Capacity (kg)
ICLD300	300 mm	610 kg
ICLD450	450 mm	506 kg
ICLD600	600 mm	372 kg
ICLD750	750 mm	259 kg

#### ORDERING CODE

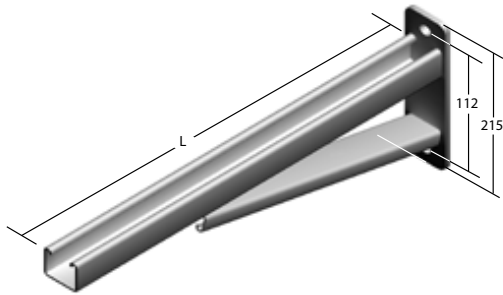
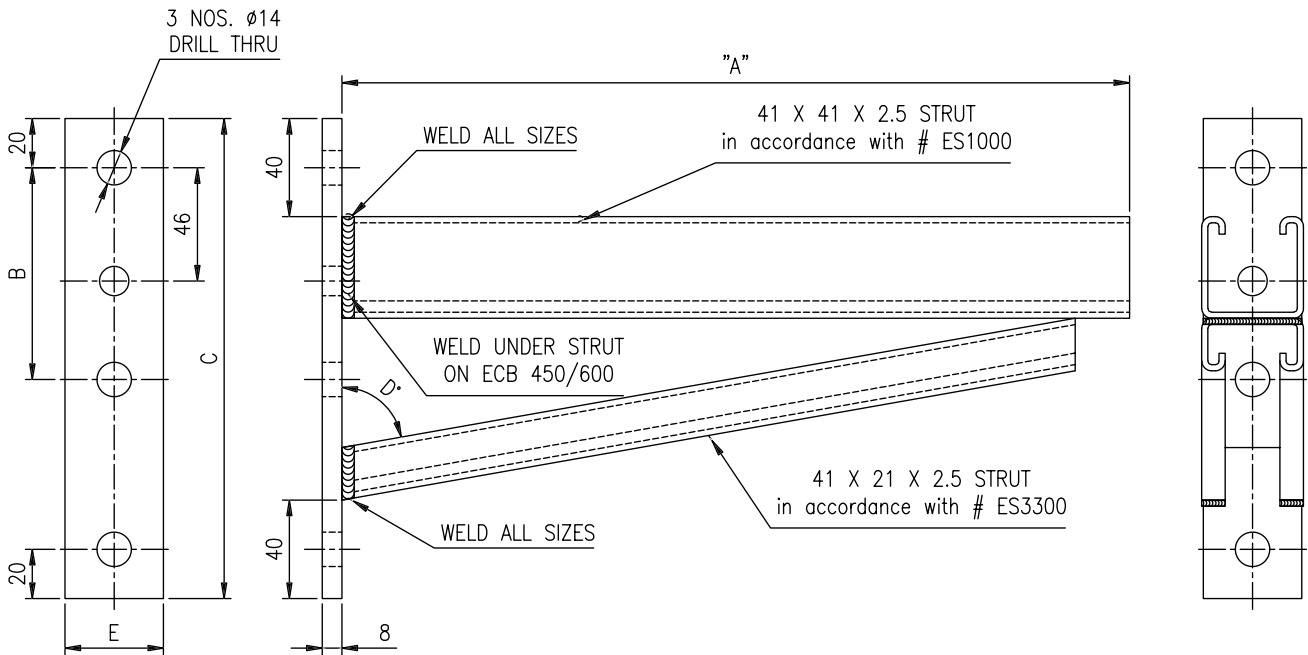


# CHANNELS

## CANTILEVER BRACKETS

- Standard thickness of 2.5mm
- Available finish in Hot Dip Galvanised and Stainless Steel.
- Stainless Steel products are manufactured on firm orders only.

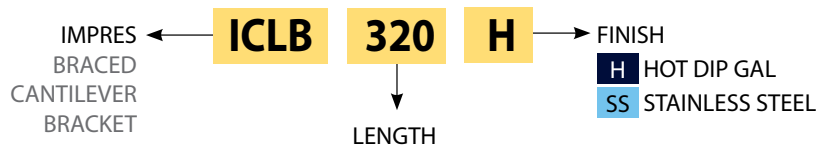
### BRACED CANTILEVER BRACKET



#### ORDERING CODES

Ordering Code	Length (L)	Load Capacity (kg)
ICLB320	320 mm	445 kg
ICLB470	470 mm	376 kg
ICLB635	635 mm	338 kg
ICLB780	780 mm	279 kg

#### ORDERING CODE

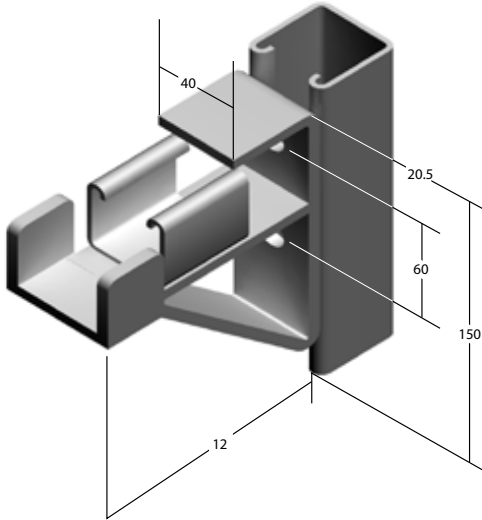


# CHANNELS

## CANTILEVER BRACKETS

- Standard thickness of 2.5mm
- Available finish in Hot Dip Galvanised only.

### CANTILEVER BRACKET - I1075-4H



#### Description

- Available in Hot Dip Galvanised finish.
- Hole Diameters = 14 mm
- Channel Used is I1000H
- Two fasteners included for assembly

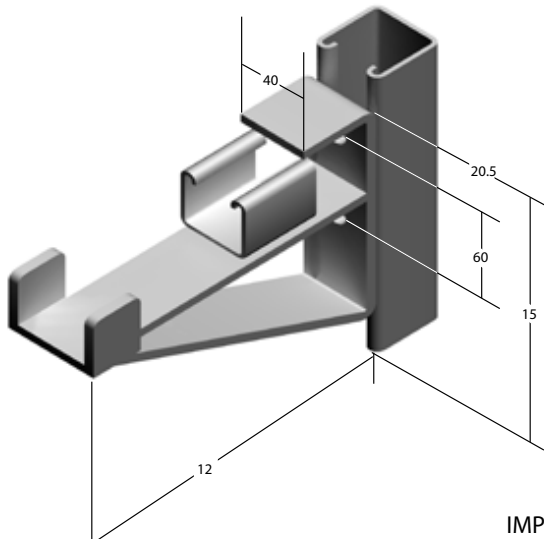
ORDERING CODE

IMPRES ← **I10754** **H** → FINISH

<b>H</b>	HOT DIP GAL
<b>SS</b>	STAINLESS STEEL

CANTILEVER BRACKET

### CANTILEVER BRACKET - I1075-8H



#### Description

- Available in Hot Dip Galvanised finish.
- Hole Diameters = 14 mm
- Channel Used is I1000H
- Two fasteners included for assembly

ORDERING CODE

IMPRES ← **I10758** **H** → FINISH

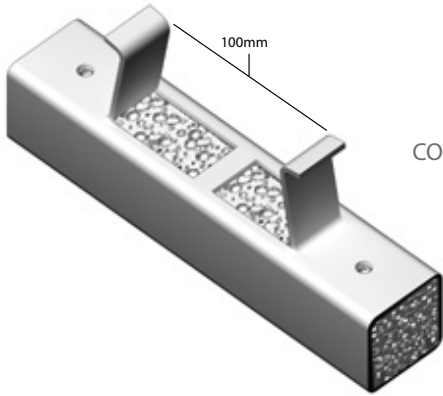
<b>H</b>	HOT DIP GAL
<b>SS</b>	STAINLESS STEEL

CANTILEVER BRACKET

# CHANNELS

## CONCRETE INSERTS

### CONCRETE INSERT I1000CI



ORDERING CODE

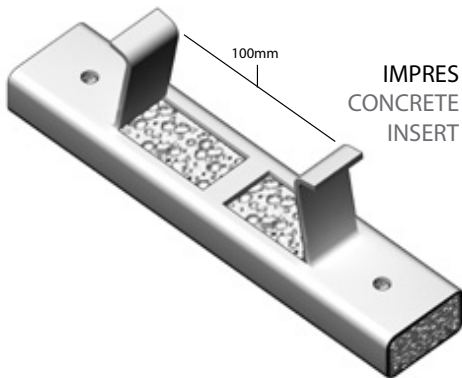
IMPRES ← **I 1000 CI 3000** → FINISH **H** HOT DIP GAL

CONCRETE INSERT

Channel Type	Standard Length (mm)	
1000	3000mm	6000mm

Note: Custom lengths available on request

### CONCRETE INSERT I3300CI



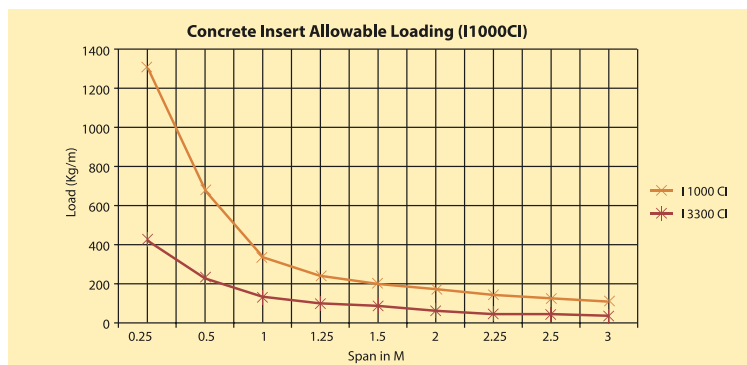
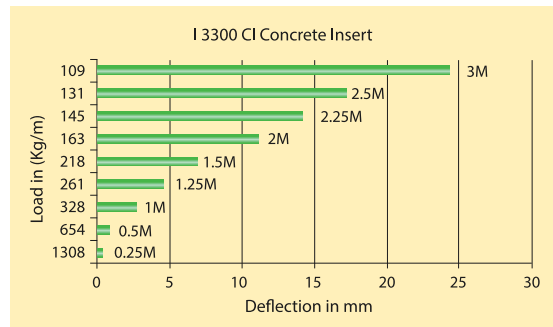
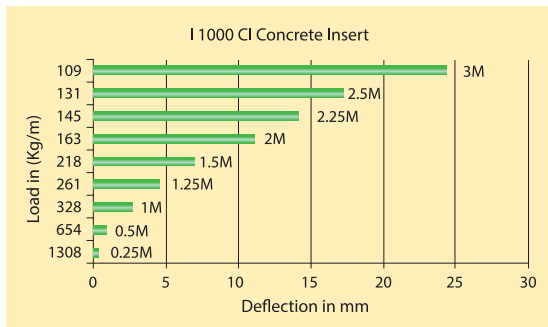
ORDERING CODE

IMPRES ← **I 3300 CI 3000** → FINISH **H** HOT DIP GAL

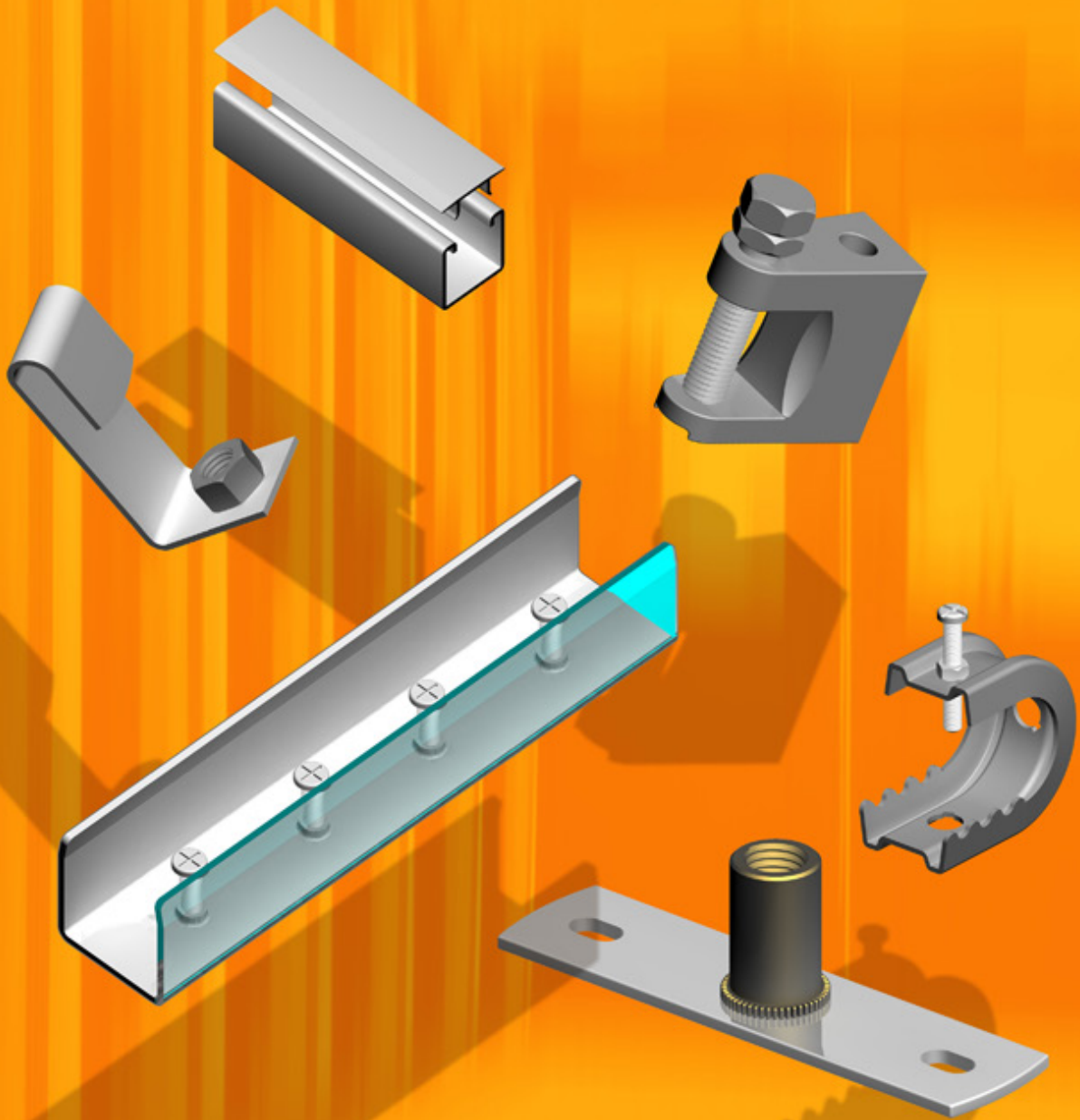
CONCRETE INSERT

Channel Type	Standard Length (mm)	
3300	3000mm	6000mm

Note: Custom lengths available on request



# CHANNEL ACCESSORIES

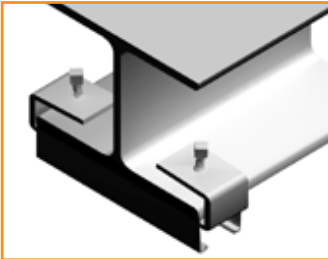
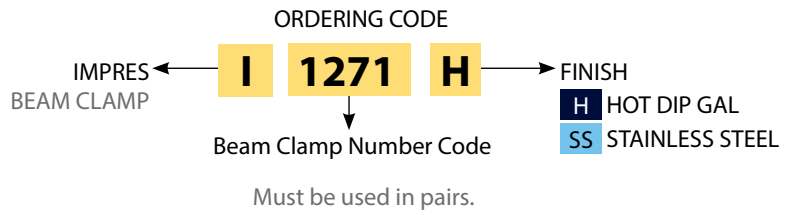


# CHANNEL ACCESSORIES

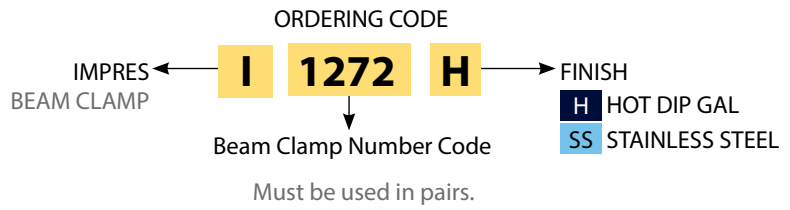
## BEAM CLAMPS



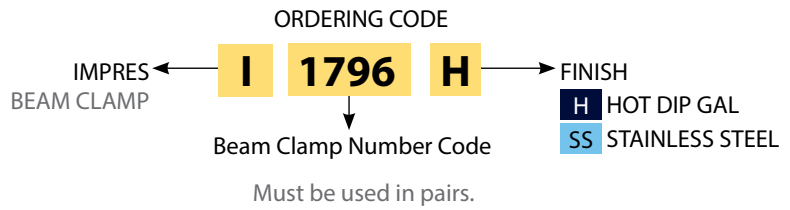
W = 0.45kgs



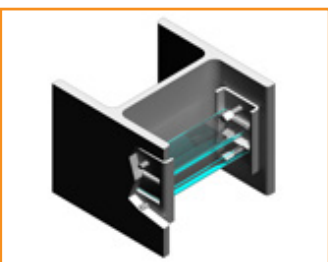
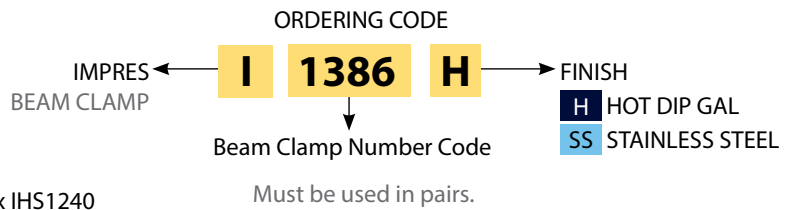
W = 0.18kgs



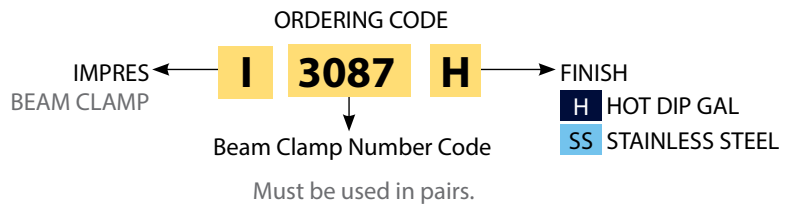
W = 0.48kgs



Includes 2 x IHS1240  
W = .11kgs

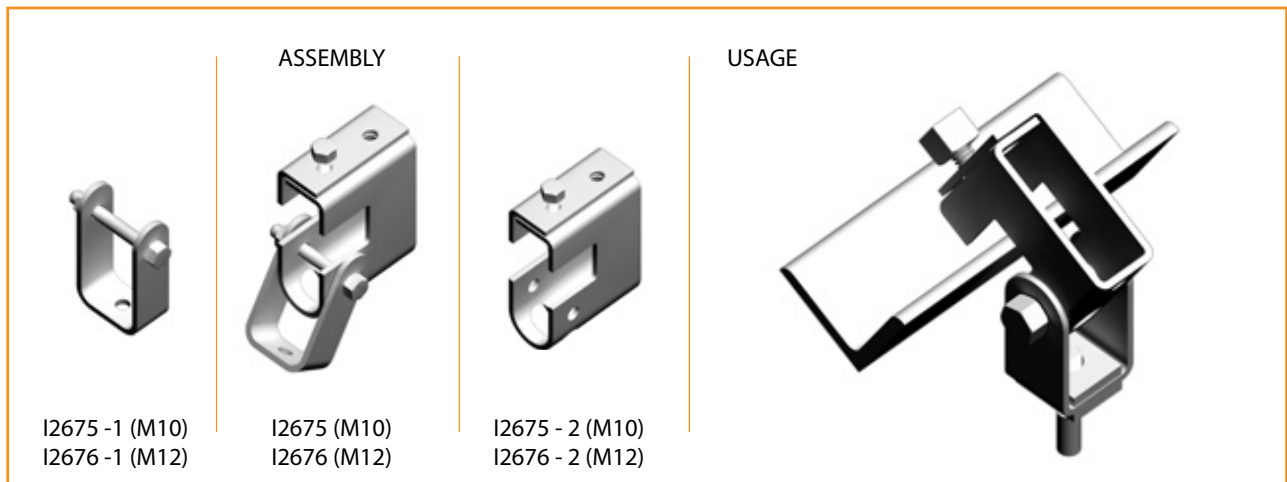


W = 0.87kgs



# CHANNEL ACCESSORIES

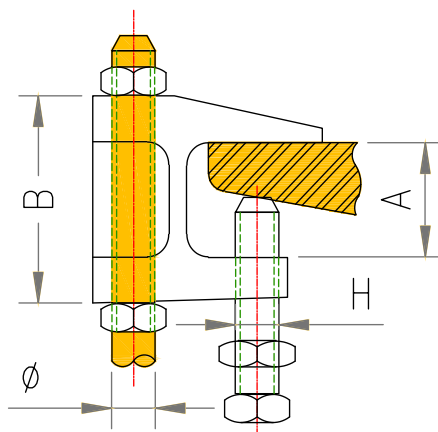
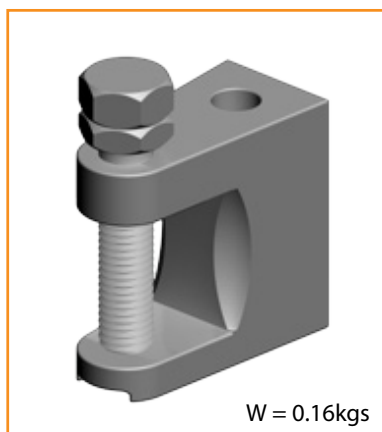
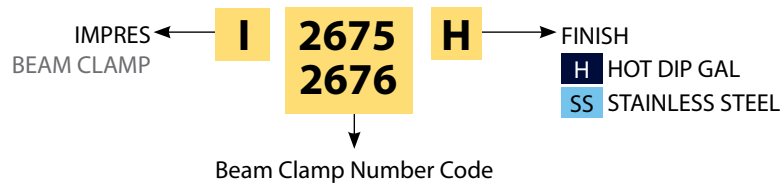
## BEAM CLAMPS



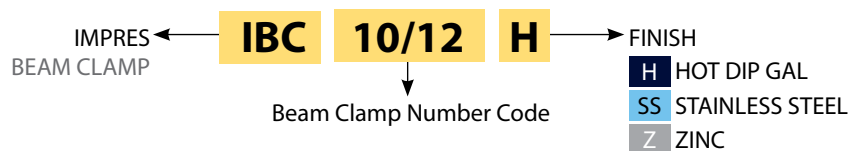
W = 0.16kgs (M10 Assembly)

W = 0.26kgs (M12 Assembly)

### ASSEMBLY ORDERING INFORMATION



### ORDERING CODE



### ORDERING CODES

Ordering Code	A (mm)	Load Capacity (kg)
IBC10	18 mm	254.93 kg
IBC12	26 mm	356.9 kg

# CHANNELS ACCESSORIES

## BEAM CLAMPS

### CONDUIT BEAM CLAMP



Description	Bolt	Dimensions	Finish
IC17-1	Conduit Beam Clamp for 17mm I-Beam	M6 x 25mm	ZINC
IC25-1	Conduit Beam Clamp for 25mm I-Beam	M6 x 25mm	ZINC
IC20-2	Conduit Beam Clamp for 20mm I-Beam	M6 x 25mm	Stainless Steel
IC30-2	Conduit Beam Clamp for 30mm I-Beam	M8 x 30mm	Stainless Steel
IC45-2	Conduit Beam Clamp for 45mm I-Beam	M8 x 30mm	Stainless Steel
IC20-3	Conduit Beam Clamp for 20mm I-Beam	M6 x 25mm	HDG
IC30-3	Conduit Beam Clamp for 20mm I-Beam	M8 x 30mm	HDG
IC45-3	Conduit Beam Clamp for 20mm I-Beam	M8 x 30mm	HDG

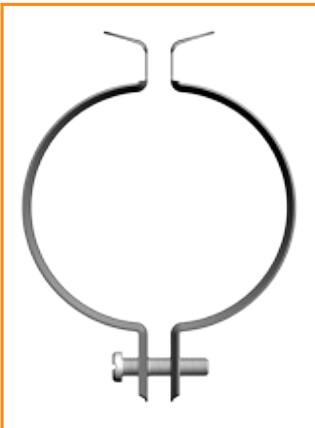
#### ORDERING CODE

IMPRES  
CONDUIT  
BEAM CLAMP

**IC 17 1**

FINISH  
**3** HOT DIP GAL  
**2** STAINLESS STEEL  
**1** ZINC

### CR CLIPS



PIPE	DIAMETER	FINISH
ICR17-1	16-20mm	ZINC
ICR21-1	20.4-25mm	ZINC
ICR28-1	26.9-31.8mm	ZINC
ICR37-1	33.7-38mm	ZINC
ICR42-1	40-44.5mm	ZINC
ICR48-1	47-51mm	ZINC
ICR17-2	16-20mm	STAINLESS STEEL
ICR21-2	20.4-25mm	STAINLESS STEEL
ICR28-2	26.9-31.8mm	STAINLESS STEEL
ICR37-2	33.7-38mm	STAINLESS STEEL
ICR42-2	40-44.5mm	STAINLESS STEEL
ICR48-2	47-51mm	STAINLESS STEEL
ICR60-2	59.2-63.5mm	STAINLESS STEEL
ICR17-3	16-20mm	HDG
ICR21-3	20.4-25mm	HDG
ICR28-3	26.9-31.8mm	HDG
ICR37-3	33.7-38mm	HDG
ICR42-3	40-44.5mm	HDG
ICR48-3	47-51mm	HDG
ICR60-3	59.2-63.5mm	HDG

#### ORDERING CODE

IMPRES  
CR CLIPS

**ICR 16 1**

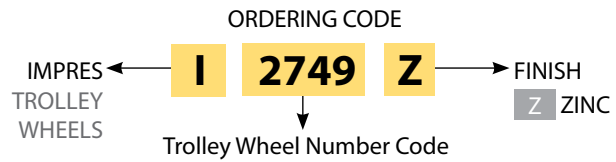
FINISH  
**3** HOT DIP GAL  
**2** STAINLESS STEEL  
**1** ZINC

# CHANNEL ACCESSORIES

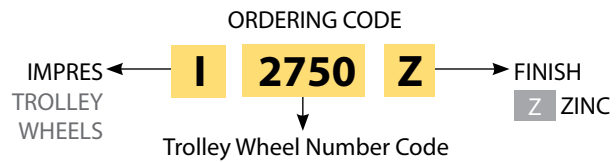
## TROLLEY WHEELS



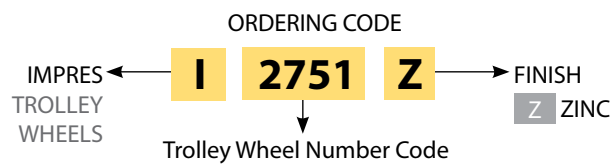
W = 0.18kgs



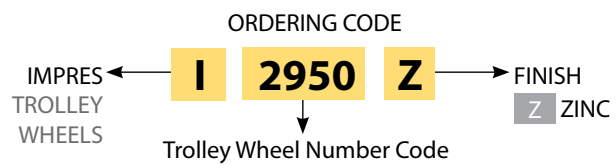
W = 0.48kgs



W = 0.48kgs

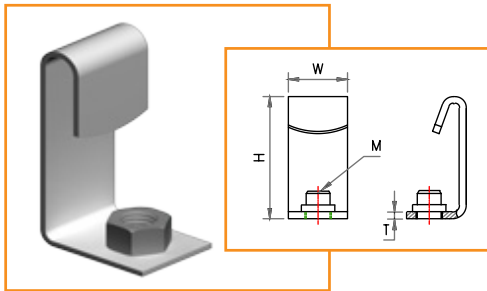


W = 0.48kgs



# CHANNEL ACCESSORIES

## PURLIN CLIPS



ORDERING CODE  
 IMPRES ← **ISPURL 10 Z** → FINISH  
 S PURLIN CLIP Diameter Z ZINC



ORDERING CODE  
 IMPRES ← **ISPURLN 08 Z** → FINISH  
 S PURLIN CLIP NUT PUNCHED Diameter Z ZINC

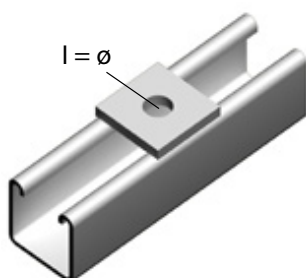


ORDERING CODE  
 IMPRES ← **IEPURL 10 Z** → FINISH  
 E PURLIN CLIP Diameter Z ZINC

## FITTINGS

NOTE: Stainless Steel Orders are manufactured under firm orders only.  
 MATERIAL SPECIFICATION Thickness = 6mm Width = 40mm Hole Diameter = 14mm

### FLAT PLATE FITTINGS



ORDERING CODE  
 IMPRES ← **I1062 - I1964 H** → FINISH  
 FLAT PLATE FITTING H HOT DIP GAL SS STAINLESS STEEL

Ordering Code	I	W (kg)
I 1062	M8	0.06
I 1063	M10	0.07
I 1064	M12	0.08
I 1964	M16	0.06

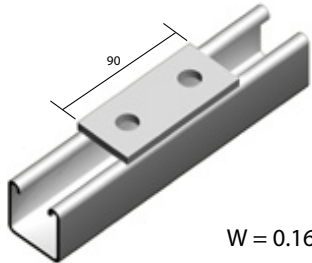
# CHANNELS ACCESSORIES

## FITTINGS

NOTE: Stainless Steel Orders are manufactured under firm orders only.

MATERIAL SPECIFICATION Thickness = 6mm Width = 40mm Hole Diameter = 14mm

### FLAT PLATE FITTINGS



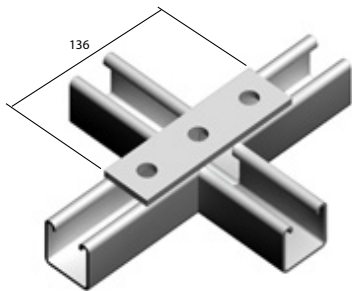
W = 0.16kgs

ORDERING CODE

IMPRES ← **I1065** **H** → FINISH

FLAT PLATE FITTING

**H** HOT DIP GAL  
**SS** STAINLESS STEEL



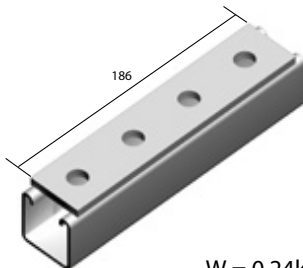
W = 0.24kgs

ORDERING CODE

IMPRES ← **I1066** **H** → FINISH

FLAT PLATE FITTING

**H** HOT DIP GAL  
**SS** STAINLESS STEEL



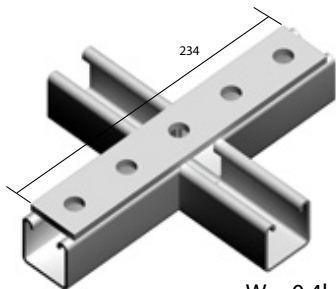
W = 0.24kgs

ORDERING CODE

IMPRES ← **I1067** **H** → FINISH

FLAT PLATE FITTING

**H** HOT DIP GAL  
**SS** STAINLESS STEEL



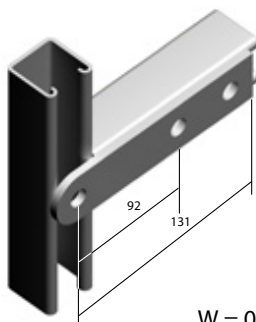
W = 0.4kgs

ORDERING CODE

IMPRES ← **I1941** **H** → FINISH

FLAT PLATE FITTING

**H** HOT DIP GAL  
**SS** STAINLESS STEEL



W = 0.31kgs

ORDERING CODE

IMPRES ← **I2324** **H** → FINISH

FLAT PLATE FITTING

**H** HOT DIP GAL  
**SS** STAINLESS STEEL

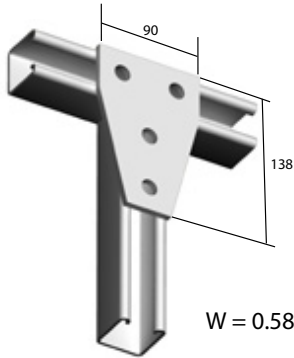
# CHANNELS ACCESSORIES

## FITTINGS

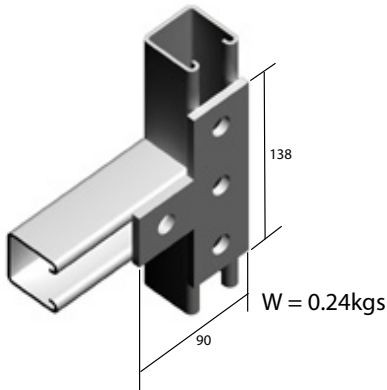
NOTE: Stainless Steel Orders are manufactured under firm orders only.

MATERIAL SPECIFICATION Thickness = 6mm Width = 40mm Hole Diameter = 14mm

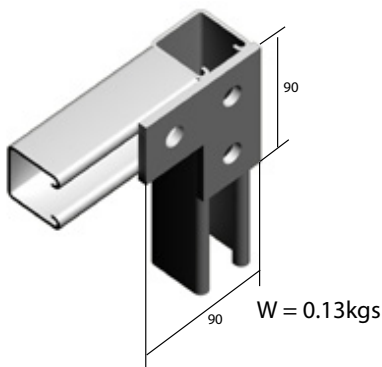
### FLAT PLATE FITTINGS



ORDERING CODE  
IMPRES ← **I1358** **H** → FINISH  
FLAT PLATE FITTING  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL

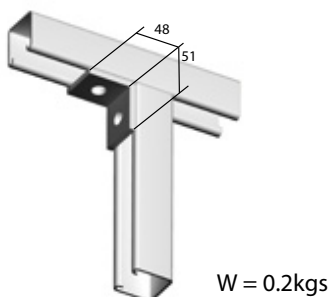


ORDERING CODE  
IMPRES ← **I1031** **H** → FINISH  
FLAT PLATE FITTING  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



ORDERING CODE  
IMPRES ← **I1036** **H** → FINISH  
FLAT PLATE FITTING  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL

### ANGLE FITTINGS



ORDERING CODE  
IMPRES ← **I1026** **H** → FINISH  
ANGLE FITTING  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL

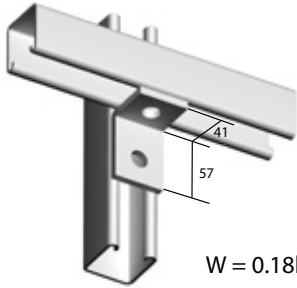
# CHANNELS ACCESSORIES

## FITTINGS

NOTE: Stainless Steel Orders are manufactured under firm orders only.

MATERIAL SPECIFICATION Thickness = 6mm Width = 40mm Hole Diameter = 14mm

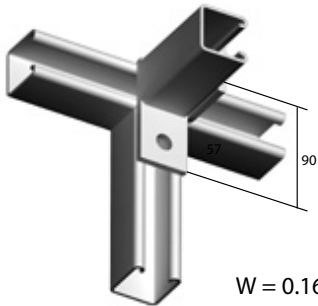
### ANGLE FITTINGS



ORDERING CODE

IMPRES ANGLE FITTING ← **I1068** **H** → FINISH

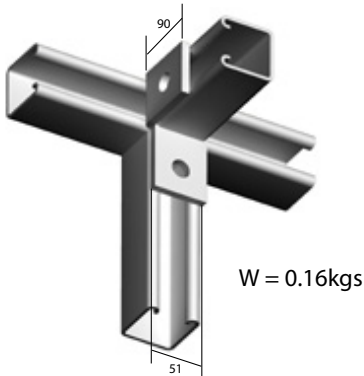
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



ORDERING CODE

IMPRES ANGLE FITTING ← **I1037** **H** → FINISH

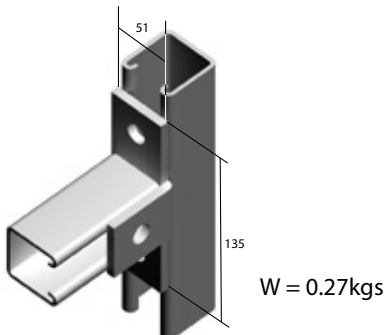
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



ORDERING CODE

IMPRES ANGLE FITTING ← **I1038** **H** → FINISH

**H** HOT DIP GAL  
**SS** STAINLESS STEEL



ORDERING CODE

IMPRES ANGLE FITTING ← **I1033** **H** → FINISH

**H** HOT DIP GAL  
**SS** STAINLESS STEEL

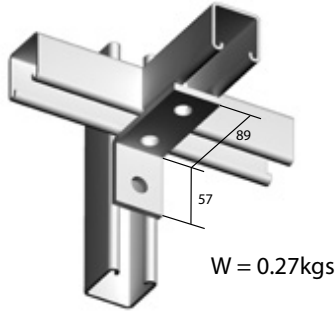
# CHANNELS ACCESSORIES

## FITTINGS

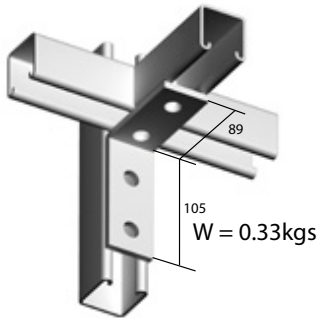
NOTE: Stainless Steel Orders are manufactured under firm orders only.

MATERIAL SPECIFICATION Thickness = 6mm Width = 40mm Hole Diameter = 14mm

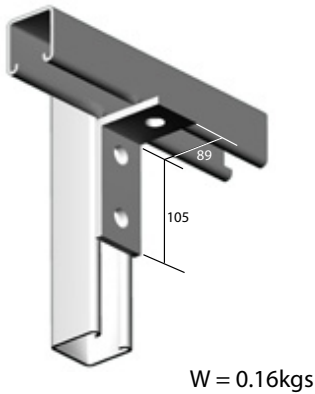
### ANGLE FITTINGS



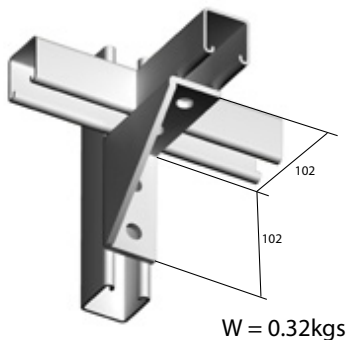
ORDERING CODE  
IMPRES ANGLE FITTING ← **I1458** **H** → FINISH  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



ORDERING CODE  
IMPRES ANGLE FITTING ← **I1325** **H** → FINISH  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



ORDERING CODE  
IMPRES ANGLE FITTING ← **I1326** **H** → FINISH  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



ORDERING CODE  
IMPRES ANGLE FITTING ← **I2484** **H** → FINISH  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL

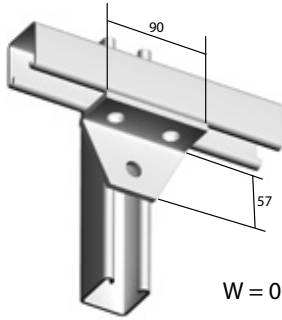
# CHANNELS ACCESSORIES

## FITTINGS

NOTE: Stainless Steel Orders are manufactured under firm orders only.

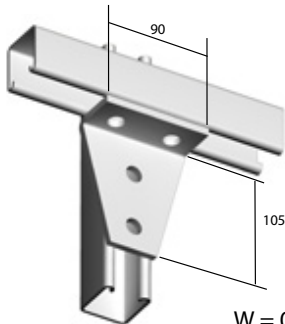
MATERIAL SPECIFICATION Thickness = 6mm Width = 40mm Hole Diameter = 14mm

### ANGLE FITTINGS



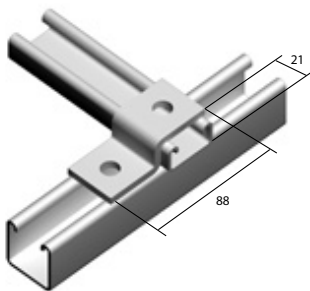
W = 0.4kgs

ORDERING CODE  
IMPRES ANGLE FITTING ← **I1357** **H** → FINISH  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



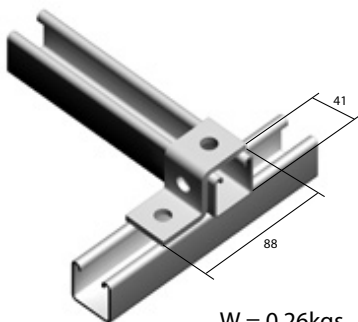
W = 0.61kgs

ORDERING CODE  
IMPRES ANGLE FITTING ← **I1359** **H** → FINISH  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



W = 0.22kgs

ORDERING CODE  
IMPRES ANGLE FITTING ← **I4045** **H** → FINISH  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



W = 0.26kgs

ORDERING CODE  
IMPRES ANGLE FITTING ← **I1045** **H** → FINISH  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL

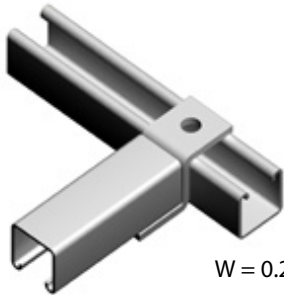
# CHANNELS ACCESSORIES

## FITTINGS

NOTE: Stainless Steel Orders are manufactured under firm orders only.

MATERIAL SPECIFICATION Thickness = 6mm Width = 40mm Hole Diameter = 14mm

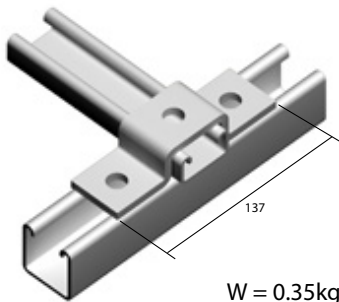
### ANGLE FITTINGS



W = 0.22kgs

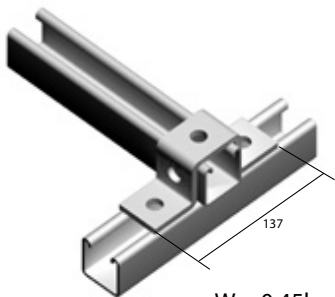
ORDERING CODE  
IMPRES ← **I1347** **H** → FINISH  
ANGLE FITTING  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL

### “U” FITTINGS



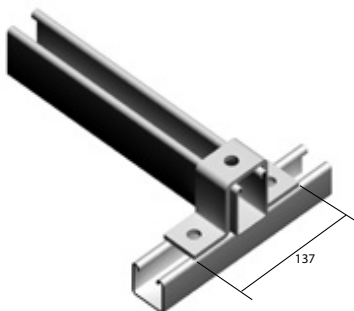
W = 0.35kgs

ORDERING CODE  
IMPRES ← **I4047** **H** → FINISH  
“U” FITTING  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



W = 0.45kgs

ORDERING CODE  
IMPRES ← **I1047** **H** → FINISH  
“U” FITTING  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



W = 0.47kgs

ORDERING CODE  
IMPRES ← **I5547** **H** → FINISH  
“U” FITTING  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL

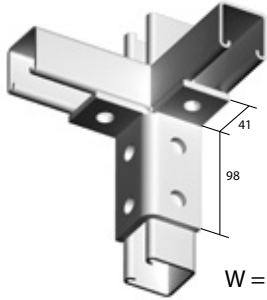
# CHANNELS ACCESSORIES

## FITTINGS

NOTE: Stainless Steel Orders are manufactured under firm orders only.

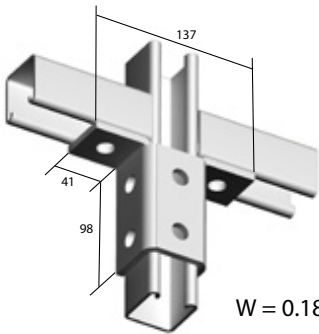
MATERIAL SPECIFICATION Thickness = 6mm Width = 40mm Hole Diameter = 14mm

### "U" FITTINGS



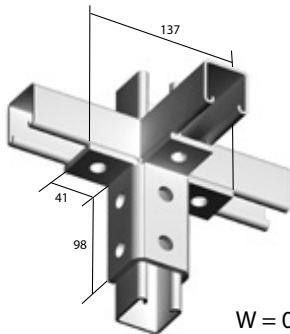
W = 0.50kgs

ORDERING CODE  
IMPRES "U" FITTING ← **I2224** **H** → FINISH  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



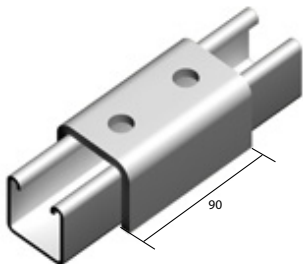
W = 0.18kgs

ORDERING CODE  
IMPRES "U" FITTING ← **I2346** **H** → FINISH  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



W = 0.78kgs

ORDERING CODE  
IMPRES "U" FITTING ← **I2228** **H** → FINISH  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



W = 0.56kgs

ORDERING CODE  
IMPRES "U" FITTING ← **I1376** **H** → FINISH  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL

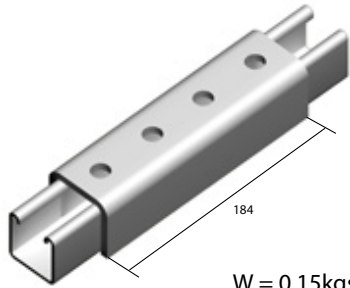
# CHANNELS ACCESSORIES

## FITTINGS

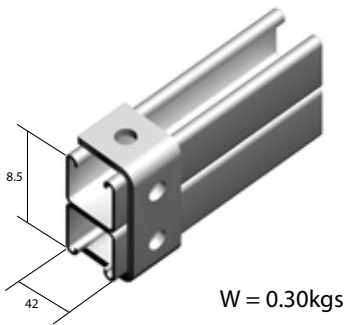
NOTE: Stainless Steel Orders are manufactured under firm orders only.

MATERIAL SPECIFICATION Thickness = 6mm Width = 40mm Hole Diameter = 14mm

### “U” FITTINGS

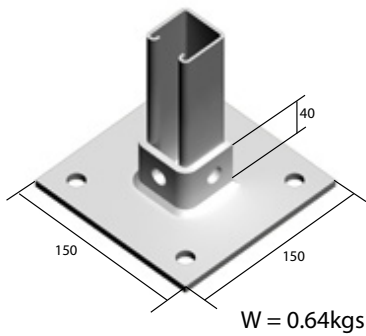


ORDERING CODE  
IMPRES ← **I1377** **H** → FINISH  
“U” FITTING  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL

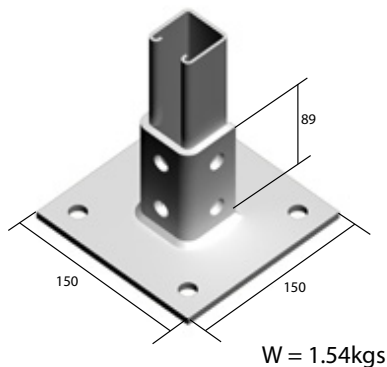


ORDERING CODE  
IMPRES ← **I1044** **H** → FINISH  
“U” FITTING  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL

### BASE PLATE



ORDERING CODE  
IMPRES ← **I2072S1** **H** → FINISH  
BASE PLATE  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



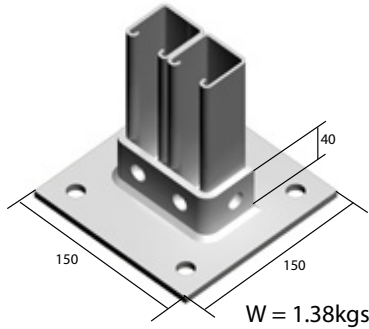
ORDERING CODE  
IMPRES ← **I2072 A** **H** → FINISH  
BASE PLATE  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL

# CHANNELS ACCESSORIES

## FITTINGS

NOTE: Stainless Steel Orders are manufactured under firm orders only.  
MATERIAL SPECIFICATION Thickness = 6mm Width = 40mm Hole Diameter = 14mm

### BASE PLATE

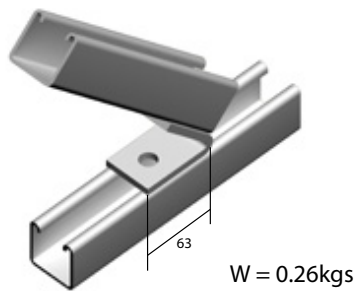


ORDERING CODE

IMPRES "U" FITTING ← **I2073** **H** → FINISH

**H** HOT DIP GAL  
**SS** STAINLESS STEEL

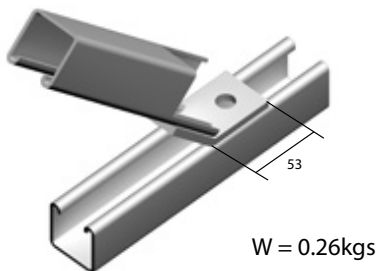
### ANGLE & ADJUSTABLE FITTINGS



ORDERING CODE

IMPRES ANGLE & ADJUSTABLE FITTING ← **I1186** **H** → FINISH

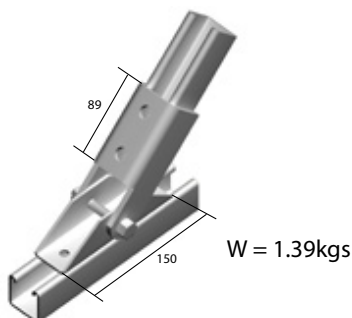
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



ORDERING CODE

IMPRES ANGLE & ADJUSTABLE FITTING ← **I2846** **H** → FINISH

**H** HOT DIP GAL  
**SS** STAINLESS STEEL



ORDERING CODE

IMPRES ANGLE & ADJUSTABLE FITTING ← **I2815** **H** → FINISH

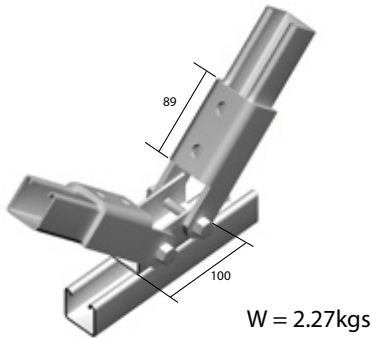
**H** HOT DIP GAL  
**SS** STAINLESS STEEL

# CHANNELS ACCESSORIES

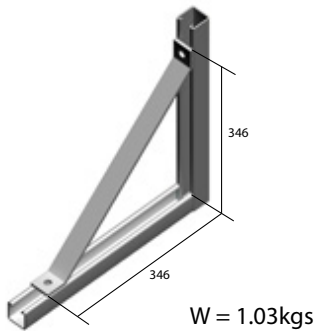
## FITTINGS

NOTE: Stainless Steel Orders are manufactured under firm orders only.  
 MATERIAL SPECIFICATION Thickness = 6mm Width = 40mm Hole Diameter = 14mm

### ANGLE & ADJUSTABLE FITTINGS

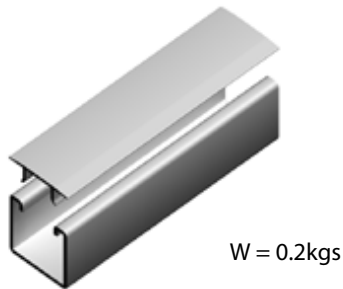


ORDERING CODE  
**I2815-D H**  
 IMPRES ← ANGLE & ADJUSTABLE FITTING → FINISH  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL



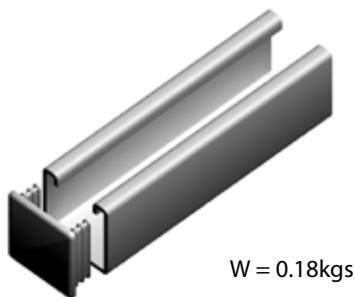
ORDERING CODE  
**I2452 H**  
 IMPRES ← ANGLE & ADJUSTABLE FITTING → FINISH  
**H** HOT DIP GAL  
**SS** STAINLESS STEEL

### CHANNEL JOINERS & HANGERS



ORDERING CODE  
**I1184 P**  
 IMPRES ← CLOSURE STRIP → FINISH  
**AL** ALUMINIUM  
**P** PVC

Available: in 3m - Grey 1184P, White 1184W and Aluminium 1184A



ORDERING CODE  
**I2240 P**  
 IMPRES ← END CAP → FINISH  
**AL** ALUMINIUM  
**P** PVC

Suits 11000 and I2000 Channels

# CHANNELS ACCESSORIES

## FITTINGS

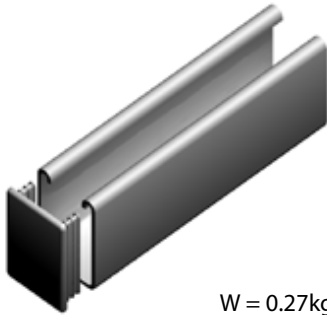
### CHANNEL JOINERS & HANGERS



W = 0.16kgs

ORDERING CODE  
IMPRES ← **I3380** **P** → FINISH  
END CAP AL ALUMINIUM  
P PVC

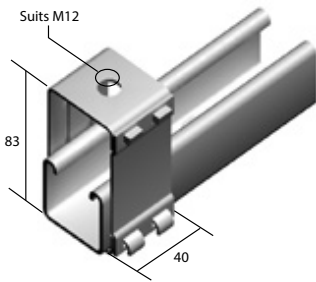
Suits 13300 and I4000 Channels



W = 0.27kgs

ORDERING CODE  
IMPRES ← **I5580** **P** → FINISH  
END CAP AL ALUMINIUM  
P PVC

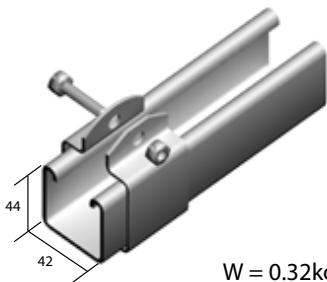
Suits 15500 Channels



W = 0.33kgs

ORDERING CODE  
IMPRES ← **I2855** **Z** → FINISH  
CHANNEL HANGER Z ZINC

Suits M12



W = 0.32kgs

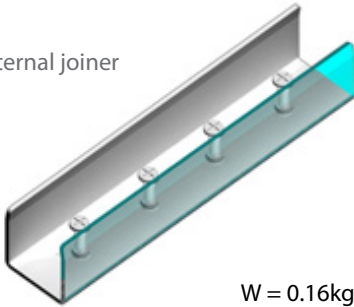
ORDERING CODE  
IMPRES ← **I2539** **Z** → FINISH  
CHANNEL HANGER Z ZINC

# CHANNELS ACCESSORIES

## FITTINGS

### CHANNEL JOINERS & HANGERS

Internal joiner

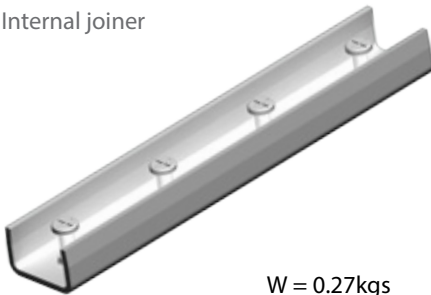


W = 0.16kgs

ORDERING CODE  
IMPRES ← **I922J** **Z** → FINISH  
CHANNEL JOINERS **Z** ZINC

Suits 11000 and I2000 Channels

Internal joiner

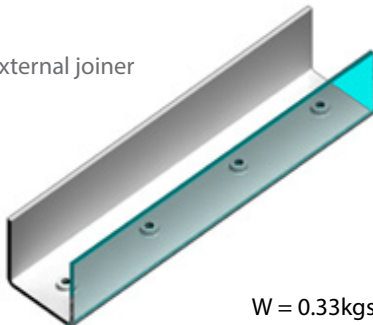


W = 0.27kgs

ORDERING CODE  
IMPRES ← **I422J** **Z** → FINISH  
CHANNEL JOINERS **Z** ZINC

Suits 13300 and I4000 Channels

External joiner

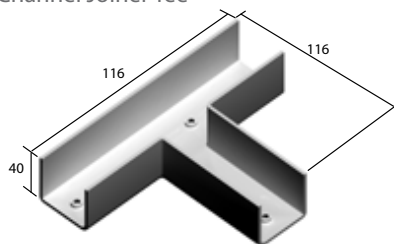


W = 0.33kgs

ORDERING CODE  
IMPRES ← **I2377** **Z** → FINISH  
CHANNEL JOINERS **Z** ZINC

Fasteners Included

Channel Joiner Tee



W = 0.33kgs

ORDERING CODE  
IMPRES ← **I922T** **Z** → FINISH  
CHANNEL JOINERS TEE **Z** ZINC

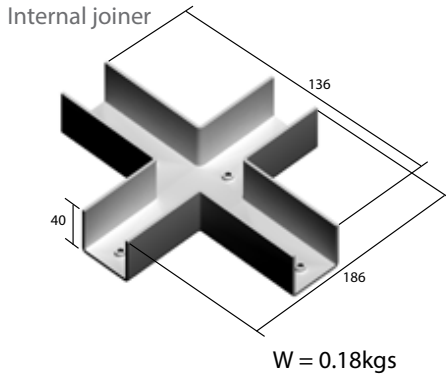
Fasteners Included

# CHANNELS ACCESSORIES

## FITTINGS

NOTE: Stainless Steel Orders are manufactured under firm orders only.  
 MATERIAL SPECIFICATION Thickness = 6mm Width = 40mm Hole Diameter = 14mm

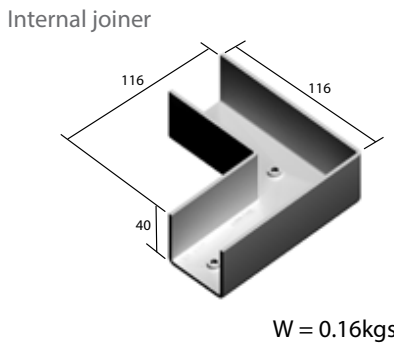
## CHANNEL JOINERS & HANGERS



ORDERING CODE

IMPRES CHANNEL JOINERS ← **I922C** **Z** → FINISH **Z** ZINC

Suits 11000 and I2000 Channels



ORDERING CODE

IMPRES CHANNEL JOINERS ← **I922B** **Z** → FINISH **Z** ZINC

Suits 13300 and I4000 Channels

## MOUNTING PLATES



W = 0.27kgs

ORDERING CODE

IMPRES CENTRE MOUNTING PLATE ← **ICMP** **10** **Z** → FINISH **H** HOT DIP GAL  
**SS** STAINLESS STEEL  
**Z** ZINC

NUT DIAMETER



W = 0.33kgs

ORDERING CODE

IMPRES HORIZONTAL MOUNTING PLATE ← **IHMP** **10** **Z** → FINISH **H** HOT DIP GAL  
**SS** STAINLESS STEEL  
**Z** ZINC

NUT DIAMETER

# CHANNELS ACCESSORIES

## FITTINGS

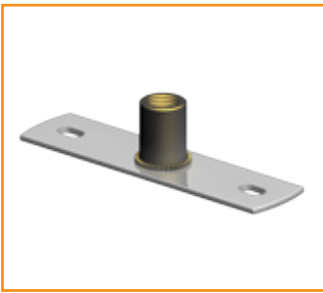
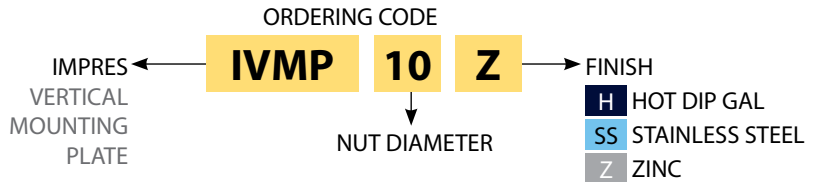
NOTE: Stainless Steel Orders are manufactured under firm orders only.

MATERIAL SPECIFICATION Thickness = 6mm Width = 40mm Hole Diameter = 14mm

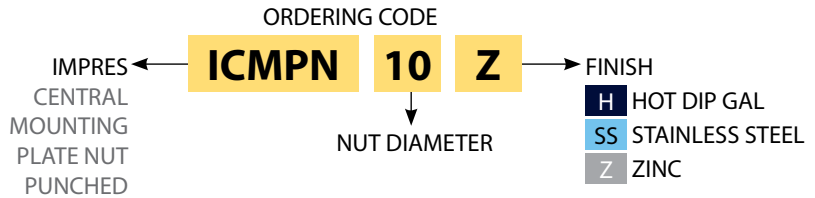
### MOUNTING PLATES



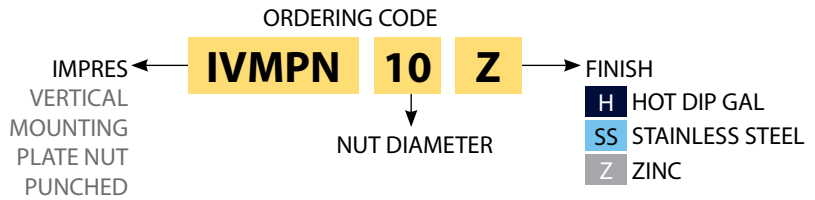
W = 0.32kgs



W = 0.32kgs



W = 0.32kgs







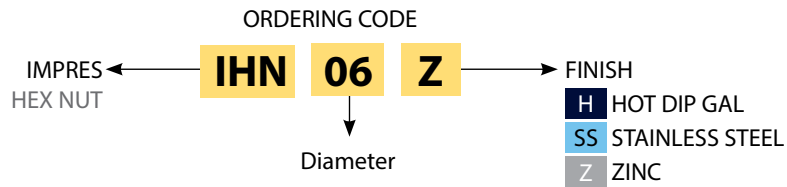
# NUTS & BOLTS

## CHANNEL NUTS & BOLTS

### HEX-NUT



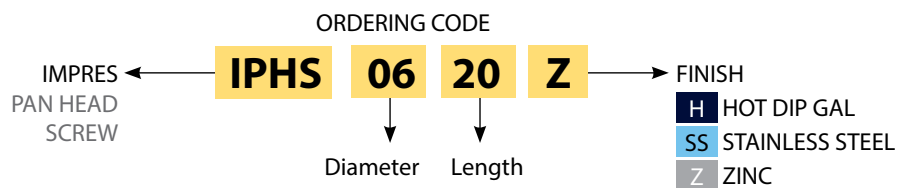
Diameter	Zinc	HDG	Stainless Steel
M6	IHN06Z	IHN06H	IHN06S
M8	IHN08Z	IHN08H	IHN08S
M10	IHN10Z	IHN10H	IHN10S
M12	IHN12Z	IHN12H	IHN12S
M16	IHN16Z	IHN16H	IHN16S



### PAN HEAD SCREW



Diameter	Length	Zinc	HDG	Stainless Steel
M6	16	IPHS0616Z	IPHS0616H	IPHS0616S
	20	IPHS0620Z	IPHS0620H	IPHS0620S
	25	IPHS0625Z	IPHS0625H	IPHS0625S
	30	IPHS0630Z	IPHS0630H	IPHS0630S
	40	IPHS0640Z	IPHS0640H	IPHS0640S
M8	16	IPHS0816Z	IPHS0816H	IPHS0816S
	20	IPHS0820Z	IPHS0820H	IPHS0820S
	25	IPHS0825Z	IPHS0825H	IPHS0825S
	30	IPHS0830Z	IPHS0830H	IPHS0830S
	40	IPHS0840Z	IPHS0840H	IPHS0840S
M10	16	IPHS1016Z	IPHS1016H	IPHS1016S
	20	IPHS1020Z	IPHS1020H	IPHS1020S
	25	IPHS1025Z	IPHS1025H	IPHS1025S
	30	IPHS1030Z	IPHS1030H	IPHS1030S
	40	IPHS1040Z	IPHS1040H	IPHS1040S



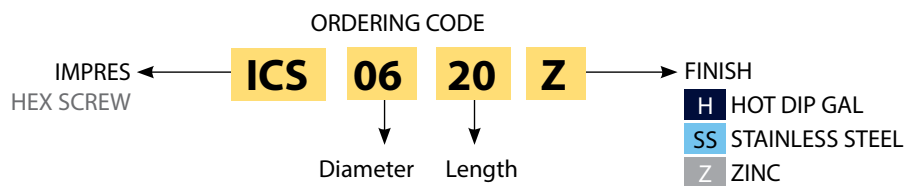
# NUTS & BOLTS

## CHANNEL NUTS & BOLTS

### COUNTER SUNK SCREW



Diameter	Length	Zinc	HDG	Stainless Steel
M6	20MM	IHHB0620Z	IHHB0620H	IHHB0620S
	25MM	IHHB0625Z	IHHB0625H	IHHB0625S
	30MM	IHHB0630Z	IHHB0630H	IHHB0630S
	40MM	IHHB0640Z	IHHB0640H	IHHB0640S
	50MM	IHHB0650Z	IHHB0650H	IHHB0650S
M8	20MM	IHHB0820Z	IHHB0820H	IHHB0820S
	25MM	IHHB0825Z	IHHB0825H	IHHB0825S
	30MM	IHHB0830Z	IHHB0830H	IHHB0830S
	40MM	IHHB0840Z	IHHB0840H	IHHB0840S
	50MM	IHHB0850Z	IHHB0850H	IHHB0850S
M10	20MM	IHHB1020Z	IHHB1020H	IHHB1020S
	25MM	IHHB1025Z	IHHB1025H	IHHB1025S
	30MM	IHHB1030Z	IHHB1030H	IHHB1030S
	40MM	IHHB1040Z	IHHB1040H	IHHB1040S
	50MM	IHHB1050Z	IHHB1050H	IHHB1050S
M12	20MM	IHHB1220Z	IHHB1220H	IHHB1220S
	25MM	IHHB1225Z	IHHB1225H	IHHB1225S
	30MM	IHHB1230Z	IHHB1230H	IHHB1230S
	40MM	IHHB1240Z	IHHB1240H	IHHB1240S
	50MM	IHHB1250Z	IHHB1250H	IHHB1250S



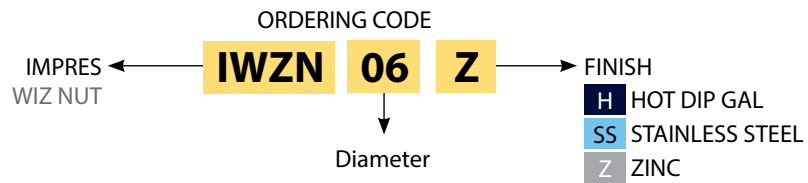
# NUTS & BOLTS

## CHANNEL NUTS & BOLTS

### WIZ NUT



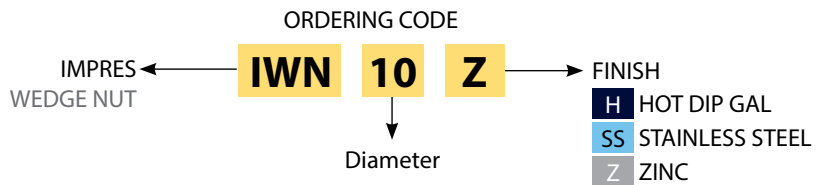
Diameter	Zinc	HDG	Stainless Steel
M6	IWZN06Z	IWZN06H	IWZN06S
M8	IWZN08Z	IWZN08H	IWZN08S
M10	IWZN10Z	IWZN10H	IWZN10S
M12	IWZN12Z	IWZN12H	IWZN12S
M16	IWZN16Z	IWZN16H	IWZN16S



### WEDGE NUT



Diameter	Zinc	HDG	Stainless Steel
M6	IWN06Z	IWN06H	IWN06S
M8	IWN08Z	IWN08H	IWN08S
M10	IWN10Z	IWN10H	IWN10S



# NUTS & BOLTS

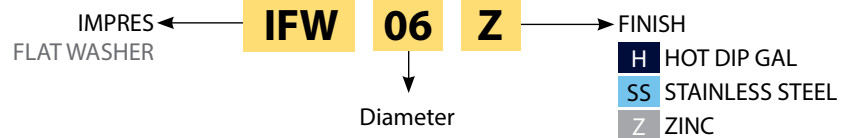
## WASHERS

### FLAT WASHER



Diameter	Zinc	HDG	Stainless Steel
M6	IFW06Z	IFW06H	IFW06S
M8	IFW08Z	IFW08H	IFW08S
M10	IFW10Z	IFW10H	IFW10S
M12	IFW12Z	IFW12H	IFW12S
M16	IFW16Z	IFW16H	IFW16S

#### ORDERING CODE

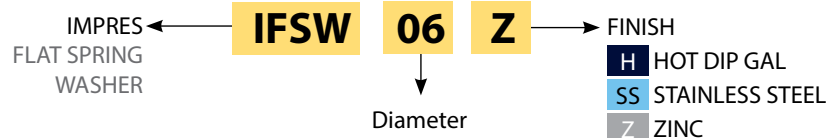


### FLAT SPRING WASHER



Diameter	Zinc	HDG	Stainless Steel
M6	IFSW06Z	IFSW06H	IFSW06S
M8	IFSW08Z	IFSW08H	IFSW08S
M10	IFSW10Z	IFSW10H	IFSW10S
M12	IFSW12Z	IFSW12H	IFSW12S
M16	IFSW16Z	IFSW16H	IFSW16S

#### ORDERING CODE

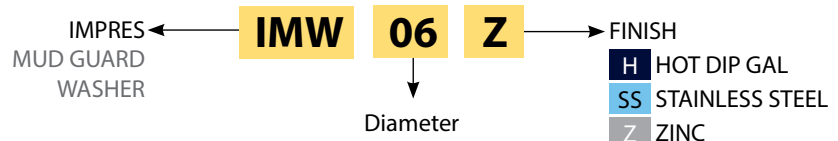


### MUD GUARD WASHER



Diameter	Zinc	HDG	Stainless Steel
M6	IMW06Z	IMW06H	IMW06S
M8	IMW08Z	IMW08H	IMW08S
M10	IMW10Z	IMW10H	IMW10S
M12	IMW12Z	IMW12H	IMW12S
M16	IMW16Z	IMW16H	IMW16S

#### ORDERING CODE



# NUTS & BOLTS

## THREADED ROD & COUPLER

### THREADER ROD CUTTER



#### Function & Advantages

- Portable, light weight, easy-to-use - Threader Rod Cutter.
- Superior quality build - Industrial grade steel.
- Rapid, accurate and clean cutting.
- Automatic deburring of ends with no damage to threads.
- Easy to replace dies.
- Immediate supply.



ORDERING CODE

IMPRES ← **ITRC** **10 / 12** → DIAMETER OF ALL THREAD

THREADED ROD CUTTER

### ALL THREADED ROD



NOTE: Standard length = 3mts

Diameter	Zinc	HDG	Stainless Steel
M6	ITR06Z	ITR06H	ITR06S
M8	ITR08Z	ITR08H	ITR08S
M10	ITR10Z	ITR10H	ITR10S
M12	ITR12Z	ITR12H	ITR12S
M16	ITR16Z	ITR16H	ITR16S

ORDERING CODE

IMPRES ← **ITR** **06** **Z** → FINISH

ALL THREADED ROD

DIAMETER

**H** HOT DIP GAL  
**SS** STAINLESS STEEL  
**Z** ZINC

### ROD COUPLER



Diameter	Zinc	HDG	Stainless Steel
M6	IRC06Z	IRC06H	IRC06S
M8	IRC08Z	IRC08H	IRC08S
M10	IRC10Z	IRC10H	IRC10S
M12	IRC12Z	IRC12H	IRC12S
M16	IRC16Z	IRC16H	IRC16S

ORDERING CODE

IMPRES ← **IRC** **06** **Z** → FINISH

ROD COUPLER

DIAMETER

**H** HOT DIP GAL  
**SS** STAINLESS STEEL  
**Z** ZINC

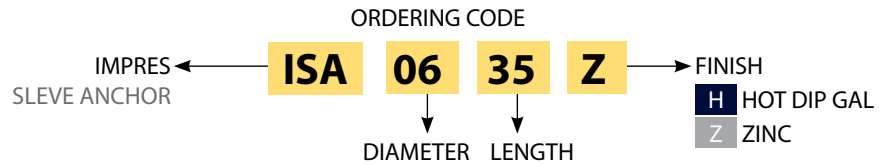
# NUTS & BOLTS

## ACCESSORIES

### SLEEVE ANCHORS



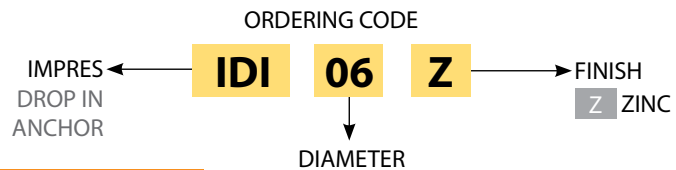
Diameter	Length	Zinc	HDG
M6	35MM	ISA0635Z	ISA0635H
M8	40MM	ISA0840Z	ISA0840H
	65MM	ISA0865Z	ISA0865H
M10	40MM	ISA1040Z	ISA1040H
	50MM	ISA1050Z	ISA1050H
	60MM	ISA1060Z	ISA1060H
	75MM	ISA1075Z	ISA1075H
M12	100MM	ISA10100Z	ISA10100H
	60MM	ISA1260Z	ISA1260H
	75MM	ISA1275Z	ISA1275H
	100MM	ISA12100Z	ISA12100H



### DROP IN ANCHOR



Diameter	Zinc
M6	IDI06Z
M8	IDI08Z
M10	IDI10Z
M12	IDI12Z
M16	IDI16Z



### DROP IN SETTING TOOL



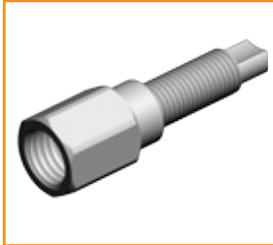
Diameter	Zinc
M6	IDIST06Z
M8	IDIST08Z
M10	IDIST10Z
M12	IDIST12Z
M16	IDIST16Z



# NUTS & BOLTS

## ACCESSORIES

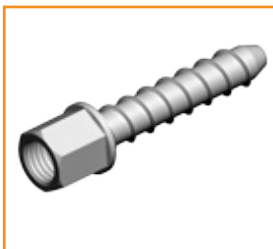
### VERTICAL HANGER FOR METAL



Diameter	Zinc
M6	IVHM06Z
M8	IVHM08Z
M10	IVHM10Z
M12	IVHM12Z
M16	IVHM16Z



### VERTICAL HANGER FOR CONCRETE



Diameter	Zinc
M6	IVHC06Z
M8	IVHC08Z
M10	IVHC10Z
M12	IVHC12Z
M16	IVHC16Z



### VERTICAL HANGER FOR TIMBER



Diameter	Zinc
M6	IVHT06Z
M8	IVHT08Z
M10	IVHT10Z
M12	IVHT12Z
M16	IVHT16Z



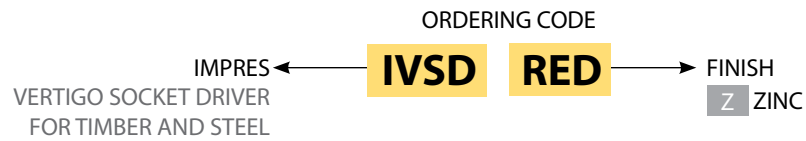
# NUTS & BOLTS

## ACCESSORIES

### VERTIGO SOCKET DRIVER FOR TIMBER/STEEL



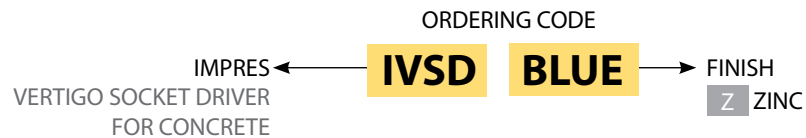
Diameter	Zinc
M6	IVHM06Z
M8	IVHM08Z
M10	IVHM10Z
M12	IVHM12Z
M16	IVHM16Z



### VERTIGO SOCKET DRIVER FOR CONCRETE



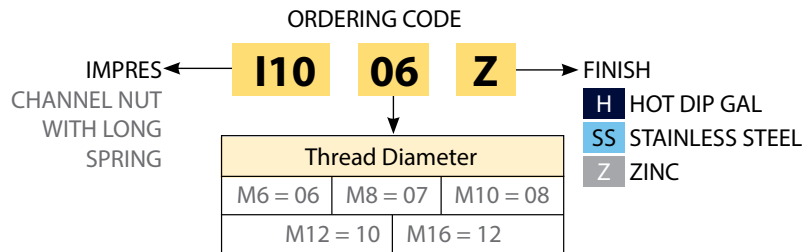
Diameter	Zinc
M6	IVHC06Z
M8	IVHC08Z
M10	IVHC10Z
M12	IVHC12Z
M16	IVHC16Z



# NUTS & BOLTS

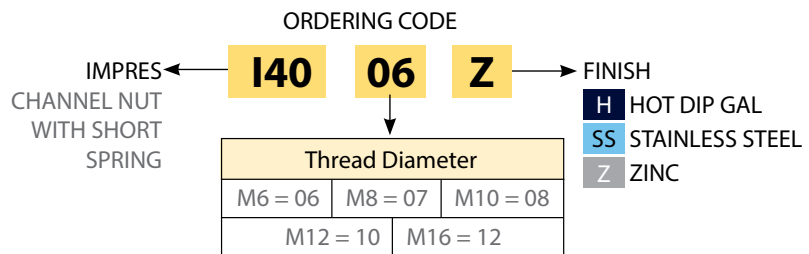
## CHANNEL NUTS

### CHANNEL NUT (LONG SPRING)



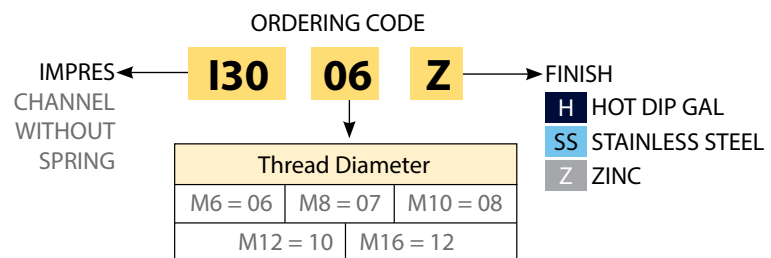
**NOTE: Fits all 41mm channels (1000, 2000 series)**

### CHANNEL NUT (SHORT SPRING)



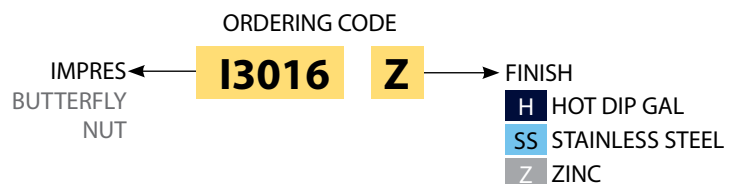
**NOTE: Fits all 21mm channels (4000, 3300 series)**

### CHANNEL NUT (WITHOUT SPRING)



**NOTE: Fits all 21mm channels (4000, 3300 series)**

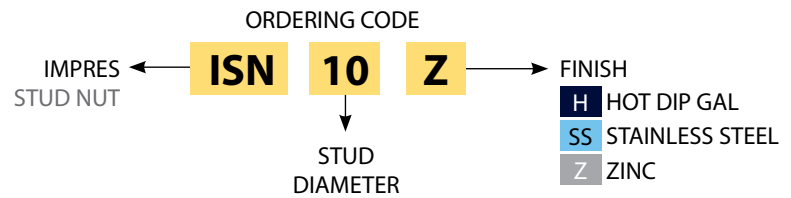
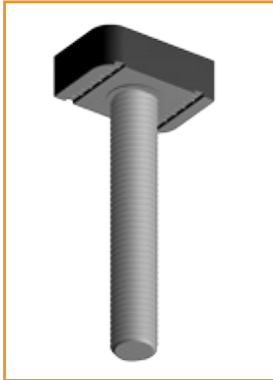
### BUTTERFLY NUT



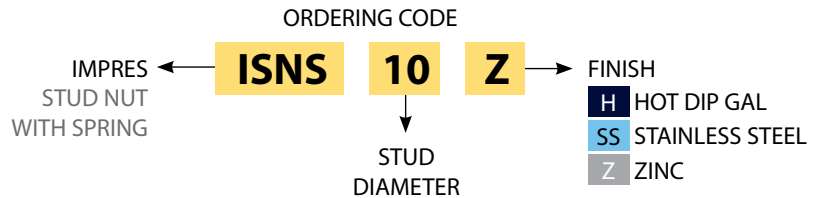
# NUTS & BOLTS

## CHANNEL NUTS

### STUD NUT



### STUD NUT WITH SPRING



The One-Stop-Shop  
for all Your cable & pipe  
support requirements!



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