

Cable tray perforated

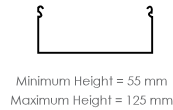


# Cable tray perforated

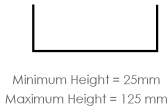
## Perforated cable tray

Steel - Stainless steel - Aluminum

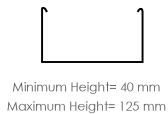
Snap on tray ( Standard )



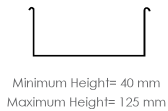
U shape



Internal flange



External flange

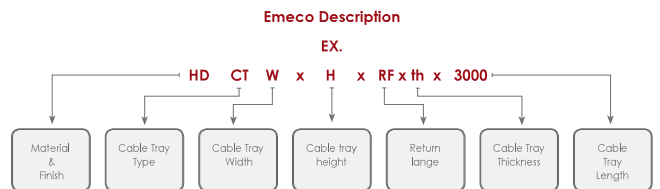


\* Cable tray width ≥ side height.

## Manufacture

All cable trays manufactured according to NEMA STANDARED VE1.

We can express about cable tray by the following example.



## Material & finish:

### Steel 37

HD Hot dip galvanized after fabrication.  
PG Pre galvanized .  
EP Electro plated.  
ES Electro static painted.

### Stainless steel

SS316 Stain less steel 316  
SS316L Stain less steel 316L  
SS304 Stain less steel 304  
SS304L Stain less steel 304L

### Aluminum

AL Aluminum alloy 6063.

### Cable tray type:

CT Cable tray perforated type (Snap on tray).  
CTU Cable tray perforated U shape.  
CTI Cable tray perforated internal flange.  
CTE Cable tray external flange.

### Cable tray width:

Cable tray width (W) its value varies from 50 mm to 600 mm.

### Cable tray height:

Cable tray height (H) standard value ( snap on tray = 55 mm to 125 mm.

### Return Flange:

Cable tray return flange standard value is 10 mm.  
In case of tray U shape return flange value is 0.

### Cable tray thickness:

Cable tray thickness value is from 1 to 2 mm.

### Cable tray Length:

Cable tray length standard value is 2000, 3000 mm  
(6000 mm length is as client required).



# Cable tray perforated

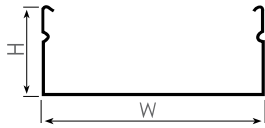
## Cable tray perforated

### (Snap on tray)

#### Straight Element

Steel - Stainless Steel - Aluminum  
 - Snap on tray is standard cable tray produced in emeco.  
 - Standard length 2000 mm – 3000 mm.

Width (W)	Height (H)	Thickness (T)
50	55	1
100		
200		
300	to	to
400	125	2
500		
600		



Cable trays width 700 to 1000 mm is available with 2 mm thickness up on request.

### Example for order

#### Emeco Description

#### EX.

#### HD CT 300 x 55 x 10 x 1 x 3000

Hot dip galvanized after fabrication cable tray perforated, 300 mm width, 55mm side height, 10mm return flange 1mm thickness, 3000 mm length.

## Cable tray perforated (Fitting)

Steel - Stainless steel - Aluminum

### Example for order Emeco Description

#### Ex.



### Fitting type means

HE90: Horizontal Elbow 90.

HE45: Horizontal Elbow 45.

HT: Horizontal Tee.

HOT: Horizontal offset Tee.

HC: Horizontal Cross

HRR: Horizontal Right Reducer.

HCR: Horizontal Center Reducer.

HLR: Horizontal Left Reducer.

VOE 90 : Vertical Outside elbow 90

VIE 90 : Vertical Inside elbow 90

VOE 45 : Vertical Outside elbow 45

VIE 45 : Vertical Outside elbow 90

VJOE : Vertical Jointed Outside elbow

VJOE : Vertical Jointed Inside elbow

VT : Vertical Tee

### Standard Radius :

- 140 mm for tray width up to 250 mm

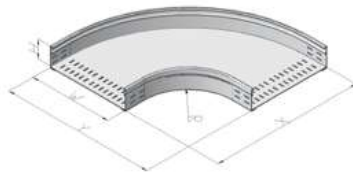
- 240 mm for tray width from 300 mm to 1000 mm.



# Cable tray perforated

## HORIZONTAL ELBOW 90°

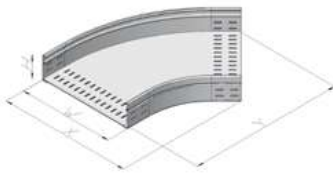
Width (W)	Height (H)	(X)	(Y)	Radius (R)
50	55	290	290	140
100		340	340	
200		440	440	
300	To	640	640	240
400	740	740		
500	1340	1340		
600	940	940	940	



Emeco Description  
 Example for order:  
**HD HE90 CT300 x 100 x 1.5**  
 Hot dip galvanized after fabrication horizontal Elbow 90° for cable tray 300 mm width, 100 mm side height, and 10mm return flange, 1.5 mm thickness.

## HORIZONTAL ELBOW 45°

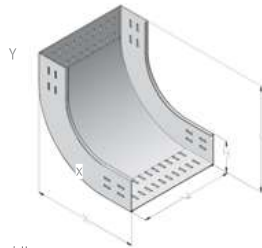
Width (W)	Height (H)	(X)	(Y)	Radius (R)
50	55	305	161	140
100		340	211	
200		411	311	
300	To	552	441	240
400	623	541		
500	694	641		
600	764	741	741	



Emeco Description  
 Example for order:  
**PG HE45 CT400 x 90 x 10 x 1.5**  
 Pre galvanized before fabrication horizontal Elbow 45° for cable tray 400 mm width, 90 mm side height, and 10mm return flange, 1.5 mm thickness.

## VERTICAL INSIDE ELBOW 90°

Width (W)	Height (H)	X	Y	Radius (R)
50	55	295	295	140
To	60	300	300	
	90	330	330	
200	110	350	350	240
300	55	495	495	
To	60	400	400	
	80	430	430	
600	100	450	450	



Emeco Description  
 Example for order:  
**EC VE190 CT200 x 60 x 10 x 1**  
 Electro plated Vertical Elbow inside 90° for cable tray 200 mm width, 60 mm side height, and 10mm return flange, 1 mm thickness.

## VERTICAL INSIDE ELBOW 45°

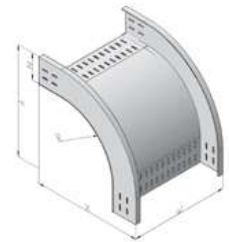
Width (W)	Height (H)	X	Y	Radius (R)
50	55	295	151.7	140
To	60	300	171.7	
	90	320	201.7	
200	110	340	221.7	240
300	55	395	181	
To	60	400	201	
	90	420	231	
600	110	440	251	



Emeco Description  
 Example for order:  
**EC VE145 CT200 x 60 x 10 x 1**  
 Electro plated Vertical Elbow inside 45° for cable tray 200 mm width, 60 mm side height, and 10mm return flange, 1 mm thickness.

## VERTICAL OUTSIDE ELBOW 90°

Height (H)	Width (W)	(X)	(Y)	Radius (R)
55	50	295	295	140
60	To	300	300	
90		330	330	
110	200	350	350	240
55	300	495	495	
60	To	400	400	
80		430	430	
100	600	450	450	



Emeco Description  
 Example for order:  
**SS316 VEO90 CT300 x 100 x 10 x 1**  
 Stainless steel 316 Vertical Elbow outside 90° for cable tray 300 mm width, 100 mm side height, and 10mm return flange, 1 mm thickness.

## VERTICAL OUTSIDE ELBOW 45°

Width (W)	Height (H)	X	Y	Radius (R)
50	55	151.7	295	140
To	60	171.7	300	
	90	201.7	320	
200	110	221.7	340	240
300	55	181	395	
To	60	201	400	
	90	231	420	
600	110	251	440	



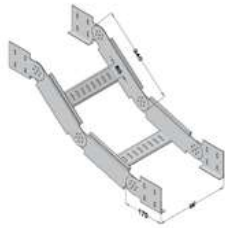
Emeco Description  
 EX.  
**SS316 VEO45 CT300 x 100 x 10 x 1**  
 Stainless steel 316 Vertical Elbow outside 45° for cable tray 300 mm width, 100 mm side height, and 10mm return flange, 1 mm thickness.



# Cable tray perforated

## Vertical jointed (Change of level)

Vertical jointed inside elbow (VJIE)



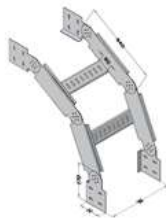
Emeco description

Ex.

**HD VJIE CT 200x100x10x1.5**

Hot dip galvanized after fabrication Vertical jointed Inside elbow for cable tray width 200 mm , side height 100 mm , 10 mm return flange , 1.5 mm thickness.

Vertical jointed outside elbow (VJOE)



Emeco description

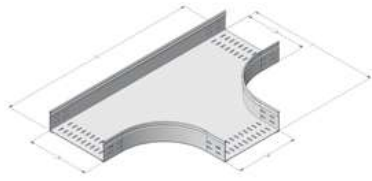
Ex.

**HD VJOE CT 200x100x10x1.5**

Hot dip galvanized after fabrication Vertical jointed outside elbow for cable tray width 200 mm , side height 100 mm , 10 mm return flange , 1.5 mm thickness.

## HORIZONTAL TEE

Width ( W )	Height ( H )	( X )	( Y )	Radius ( R )
50	55	530	290	140
100		580	340	
200		680	440	
300	100	980	640	240
400		1080	740	
500	125	1180	840	
600		1280	940	



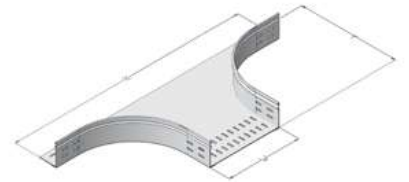
Emeco Description

Example for order:

**HD HT CT300 x 100 x 10 x 1.5**

Hot dip galvanized after fabrication horizontal Tee for cable tray 300 mm width, 100 mm side height, and 10mm return flange, 1.5 mm thickness.

## HORIZONTAL OFFSET TEE



Emeco Description

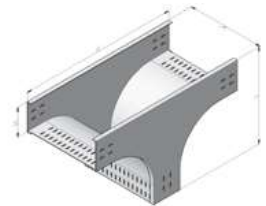
Example for order:

**HD HOT 200 x 100 x 10 x 1**

Hot dip galvanized horizontal offset Tee for tray 200 mm width, 100 mm side height, and 10 mm return flange, 1.5 mm thickness.

## VERTICAL TEE

Width ( W )	Height ( H )	Radius ( R )
50	55	140
100		
200		
300	100	240
400		
500	125	
600		



Emeco Description

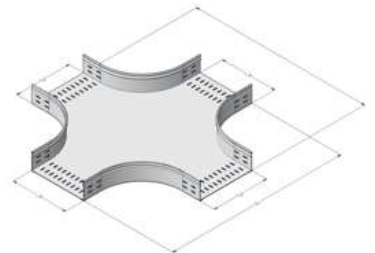
Example for order:

**EC VT CT200 x 80 x 10 x 1**

Electro plated Vertical Tee for cable tray 200 mm width, 80 mm side height, and 10mm return flange, 1 mm thickness.

## HORIZONTAL CROSS

Width ( W )	Height ( H )	( X )	( Y )	Radius ( R )
50	55	530	530	140
100		580	580	
200		680	680	
300	100	980	980	240
400		1080	1080	
500	125	1180	1180	
600		1280	1280	



Emeco Description

Example for order:

**HD HC CT300 x 100 x 10 x 1.5**

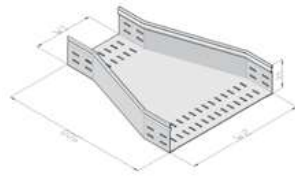
Hot dip galvanized after fabrication horizontal Cross for cable tray 300 mm width, 100 mm side height, and 10mm return flange, 1.5 mm thickness.



# Cable tray perforated

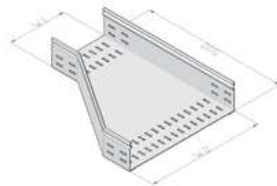
## HORIZONTAL REDUCER

### CENTER REDUCER



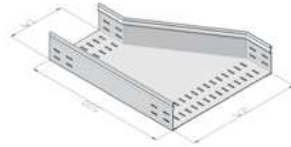
Emeco Description  
 Example for order:  
**HD HCR CT 300 x 100 x 10 x 1.5**  
 Hot dip galvanized after fabrication horizontal Center reducer for cable tray 300 mm width, 100 mm side height, and 10mm return flange, 1.5 mm thickness.

### RIGHT HAND REDUCER



Emeco Description  
 Example for order:  
**HD HLR CT 300 x 100 x 10 x 1.5**  
 Hot dip galvanized after fabrication horizontal Right reducer for cable tray 300 mm width, 100 mm side height, and 10mm return flange, 1.5 mm thickness.

### LEFT HAND REDUCER



Emeco Description  
 Example for order:  
**HD HLR CT 300 x 100 x 10 x 1.5**  
 Hot dip galvanized after fabrication horizontal Left reducer for cable tray 300 mm width, 100 mm side height, and 10mm return flange, 1.5 mm thickness.

## Cable tray covers

### Straight element cover

#### Steel - Stainless Steel - Aluminum

All properties of cover are the same properties of its tray.  
 Standard length is 2000, 3000 mm.



(CTC) Snap on cover  
 ( standard)



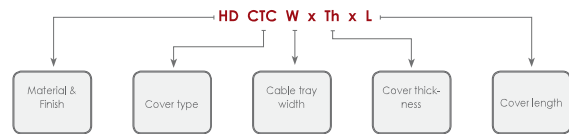
(CTPC)  
 Pyramid Shape cover



(CTUC)  
 U Shape cover

#### Emeco Description

EX.



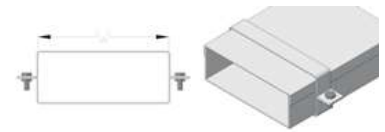
### Example for order

**HD CTC 300X1X3000**

Hot dip galvanized after fabrication cover for cable tray 300 mm width, 1 mm thickness, 3000 mm length.

#### Available sizes of cover

EMECO Description	Width ( W )	Thickness ( T )
cover 50	50	1
cover100	100	
cover200	200	
cover300	300	To
cover 400	400	2
cover 500	500	
cover 600	600	



Cover clamp for fixing U shape cover

Cable trays cover width 700 to 1000 mm is available with 2 mm thickness on request.

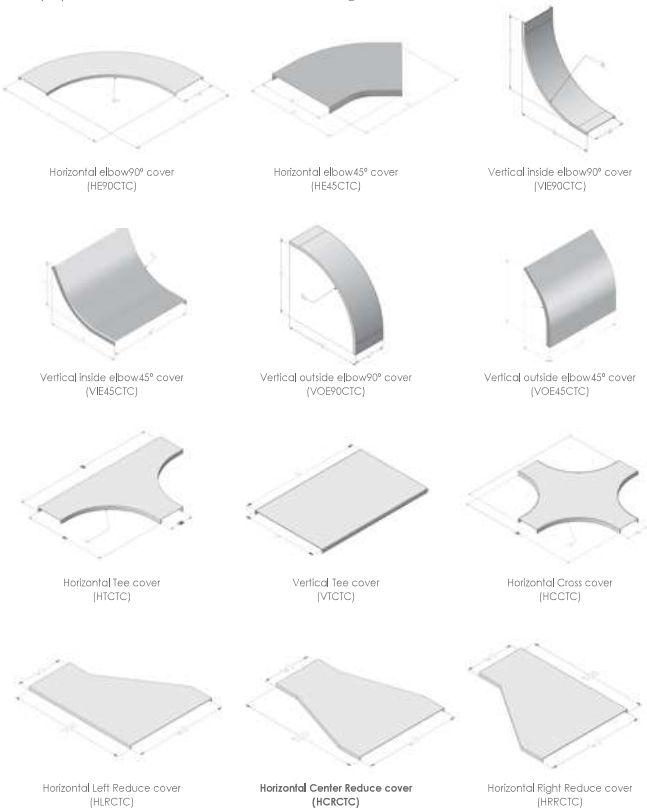


# Cable tray perforated

## Fitting Covers

Steel - Stainless Steel - Aluminum

All properties of cover are the same of its cover of straight element.



## Accessories

Steel - Stainless Steel - Aluminum

All properties of accessories are the same of its straight element

