



**KING POWER**



**CABLE TRAY, CABLE LADDER, CABLE TRUNKING  
CATALOGUE**

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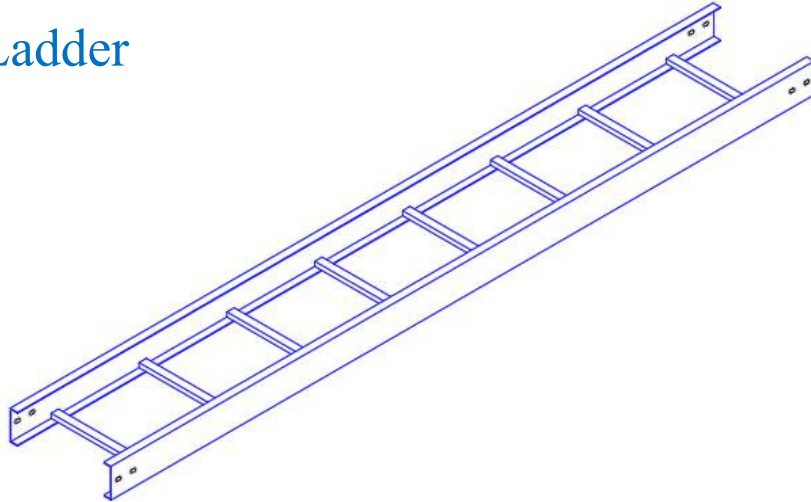
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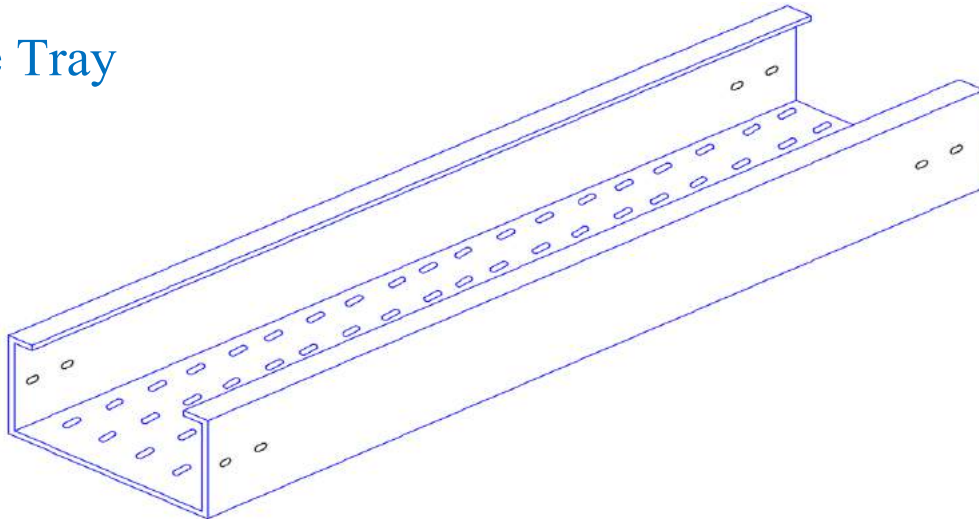
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# Introduction

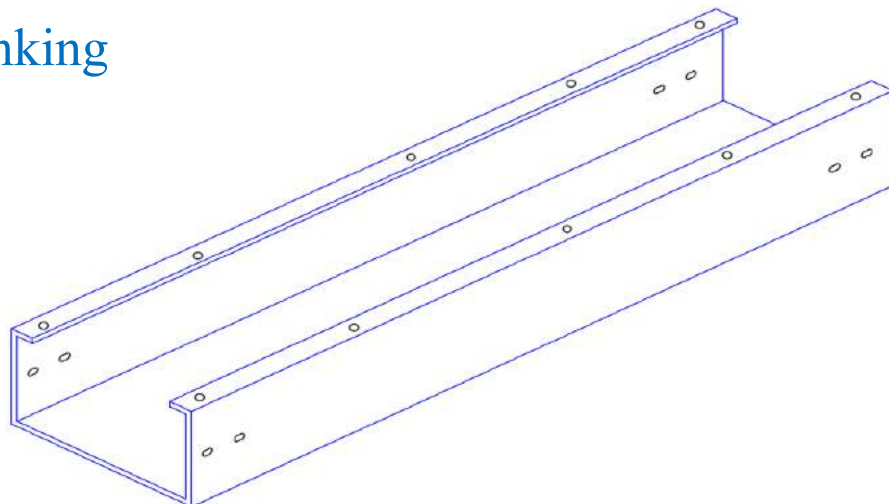
Cable Ladder



Cable Tray



Cable Trunking



## GENERAL INFORMATION

### **Cable Ladder.**

Straight sections of ladder type cable trays consist of two longitudinal side rails, connected by individual transverse, or rungs, which are welded to the side rails or bolted in case of GI trays.

This type of cable tray provides maximum ventilation to heat producing cables such as power cables.

### **Cable Tray.**

Constructed from single sheet of perforated metal, they are convenient for cables which require both a degree of protection from external damage and some ventilation.

### **Cable Trunking.**

Straight sections of solid bottom cable trays constructed from single sheet of metal, providing excellent protection from external damage, they are used primarily for intrumental control, communication and other non-heat producing cables.

### **Fitting and accessories.**

Fittings are accessories that connect this cable tray to another cable tray to changing direction with the same or different width of the cable run. All fittings are available in sizes and types corresponding to the straight cable tray sections. These fittings include: elbow, horizontal cross, vertical inside riser, reducers, cover clip, joint connector, horizontal cable tray tee, horizontal cable tray 90 degree...

### **General Specification.**

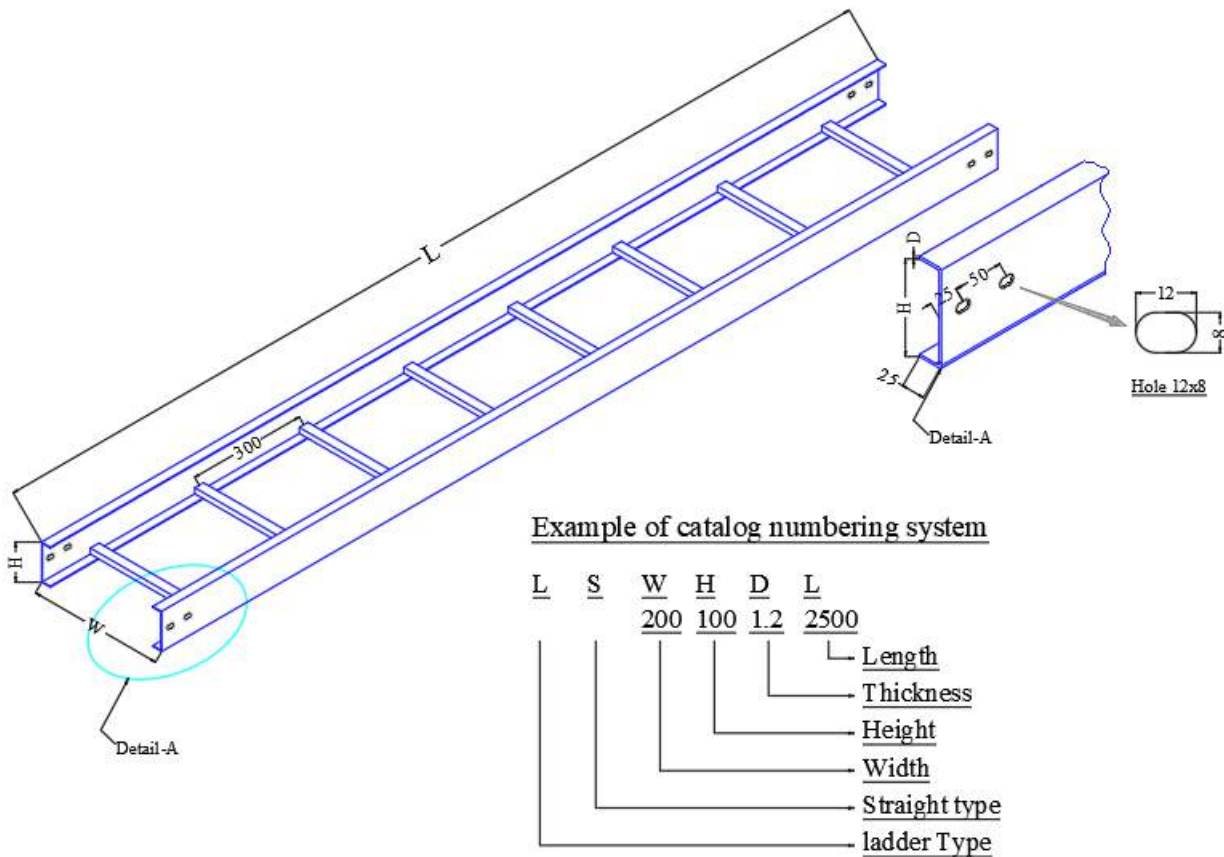
- Cable ladder and other accessories are manufactured from pick and oil (PO) sheet metal and meet requirement of surface treatment as below.
  - Epoxy powder coating.
  - Hot dip galvanized.
  - Bare galvanized.
- Standard thickness.
  - 1.2mm for light load.
  - 1.5mm for medium load.
  - 2.0mm for heavy load.
  - 2.5mm for extra heavy load.

Loading capacity: All of tray are manufactured according to IEC 61537.



## CABLE LADDER.

### 1.1 Straight Section.



#### STANDARD DIMENSIONS:

**Length (L):** 2500mm, 3000mm.

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

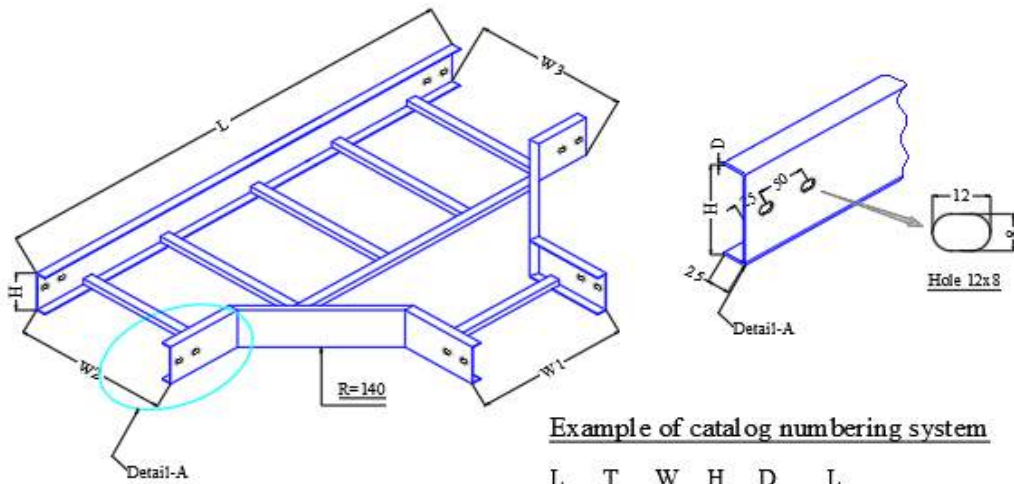
**Rung spacing:** 300mm.

**Material:** Mild steel sheet / PO steel sheet.

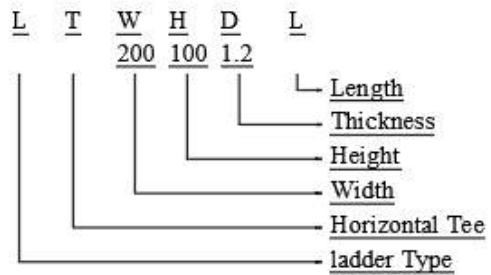
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

## Horizontal Tee.



### Example of catalog numbering system



### STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

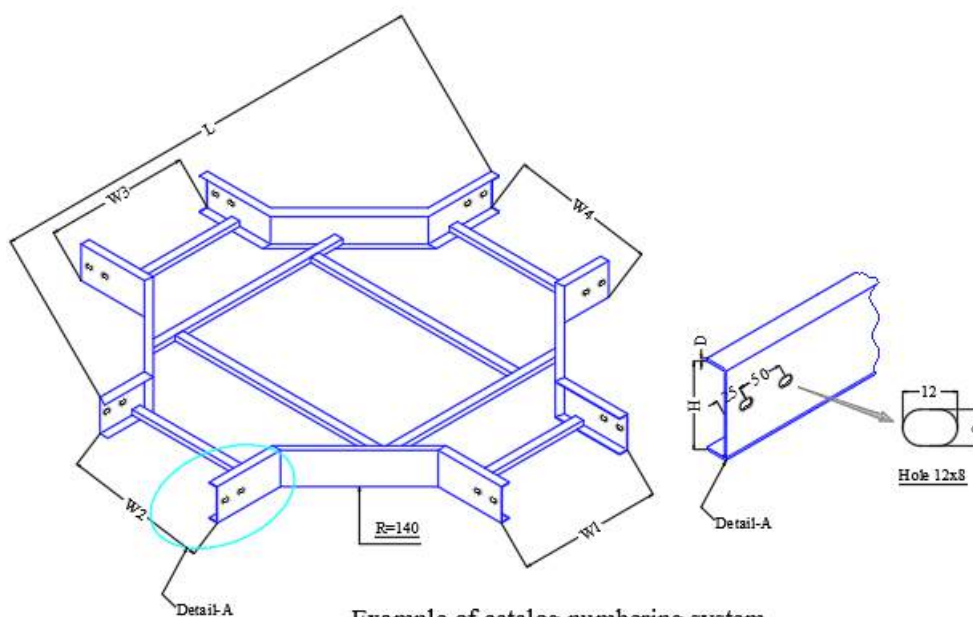
**Material:** Mild steel sheet / PO steel sheet.

**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.



## Horizontal Cross.



### Example of catalog numbering system

<u>L</u>	<u>C</u>	<u>W</u>	<u>H</u>	<u>D</u>	<u>L</u>
		200	100	1.2	
					└─ Length
				└─ Thickness	
			└─ Height		
		└─ Width			
		└─ Horizontal Cross			
		└─ ladder Type			

## STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm, ... 900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

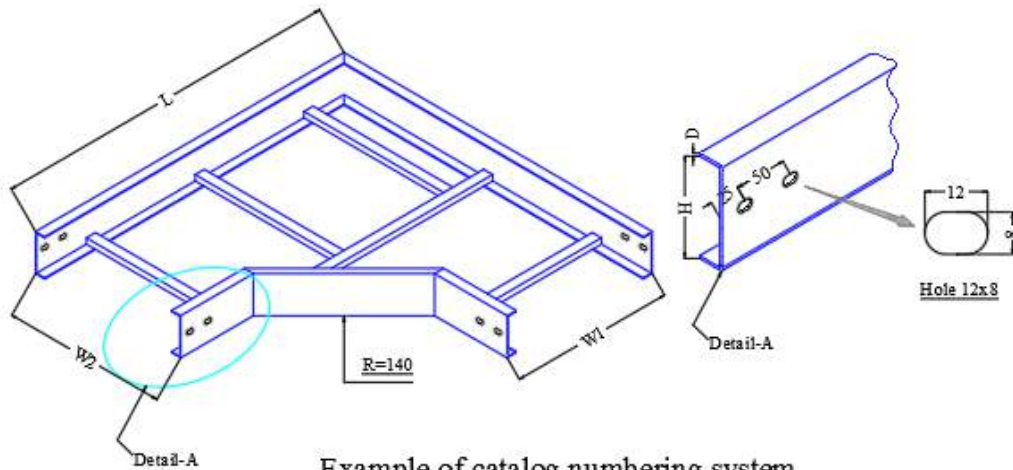
**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

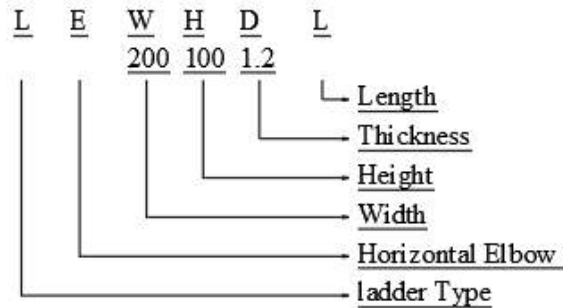
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

## Horizontal Elbow.



### Example of catalog numbering system



## STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

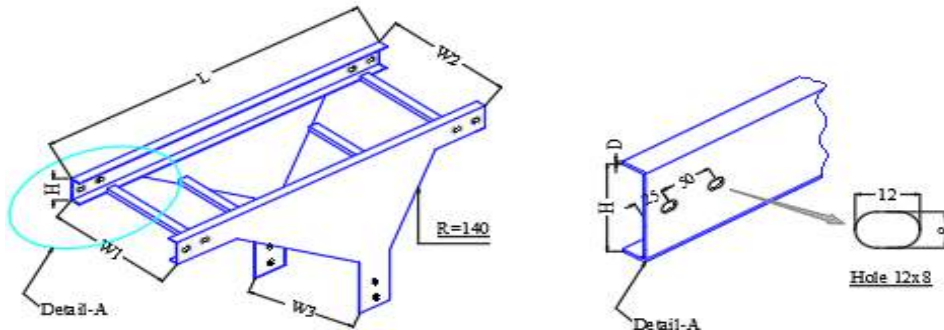
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

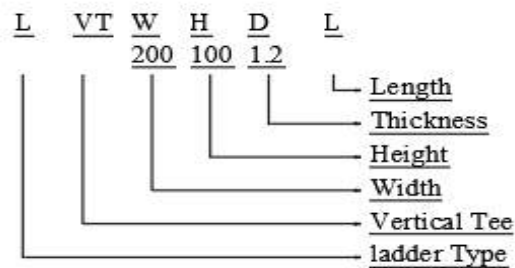




## Vertical Tee.



### Example of catalog numbering system



### STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

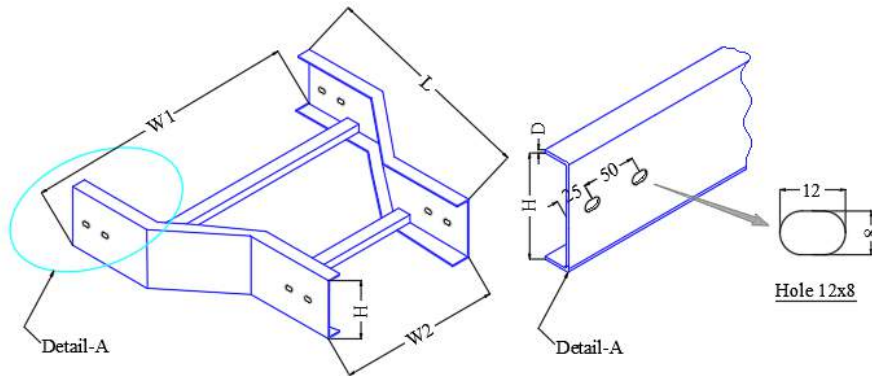
**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

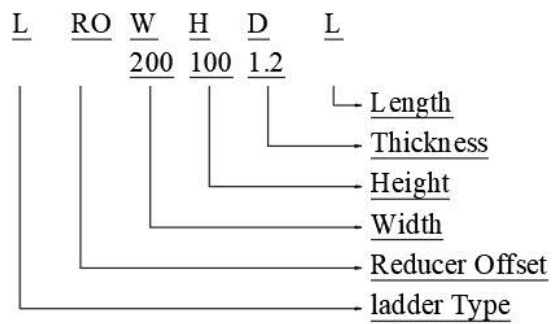
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

## Reducer Offset.



### Example of catalog numbering system



## STANDARD DIMENSIONS:

**Length (L):**

**Material:** Mild steel sheet / PO steel sheet.

**Width (W):** 100mm, 200mm,...900mm.

**Constructed Type:** MIG welding.

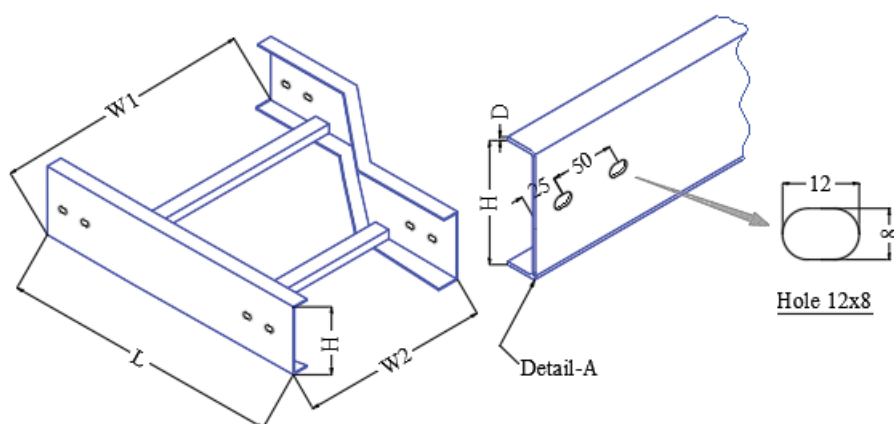
**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

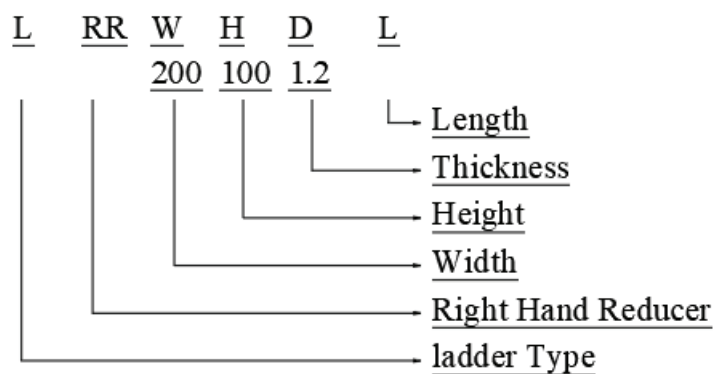
**Depth (D):** 1.2mm, 1.5mm, 2.0mm.



## Right Hand Reducer.



### Example of catalog numbering system



### STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

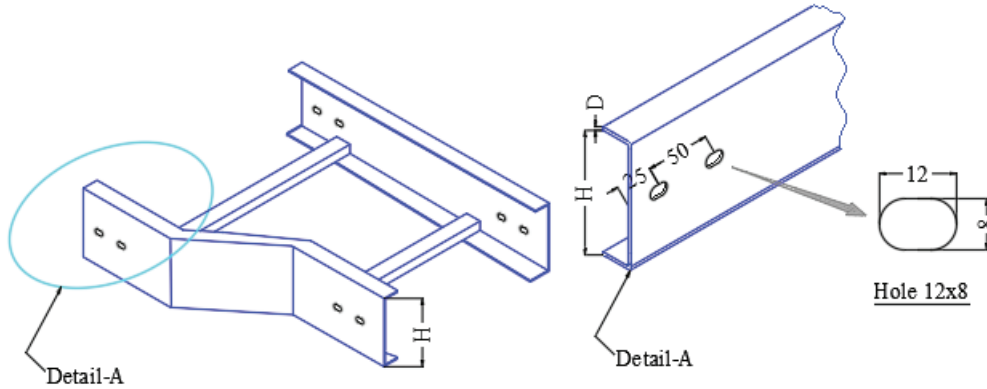
**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

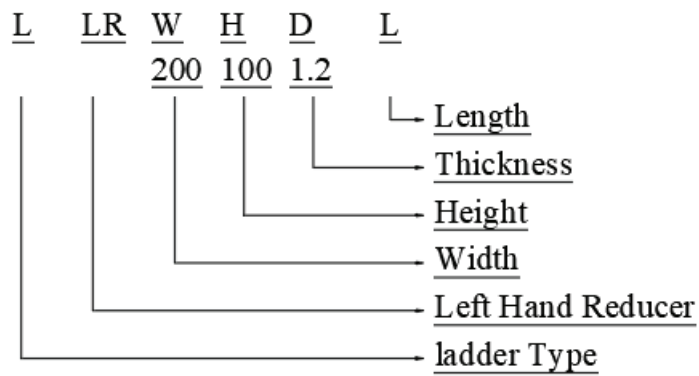
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

## Left Hand Reducer.



### Example of catalog numbering system



### STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

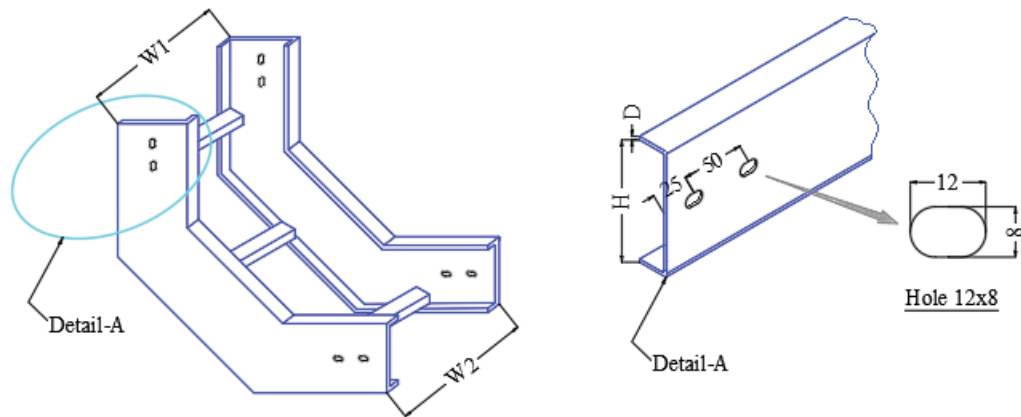
**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

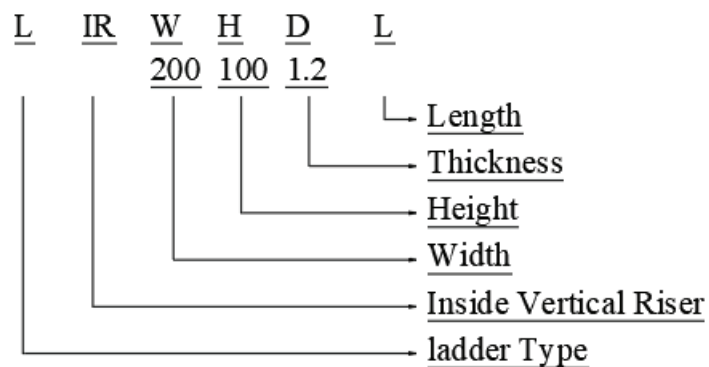
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

## Inside Vertical Riser.



### Example of catalog numbering system



### STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

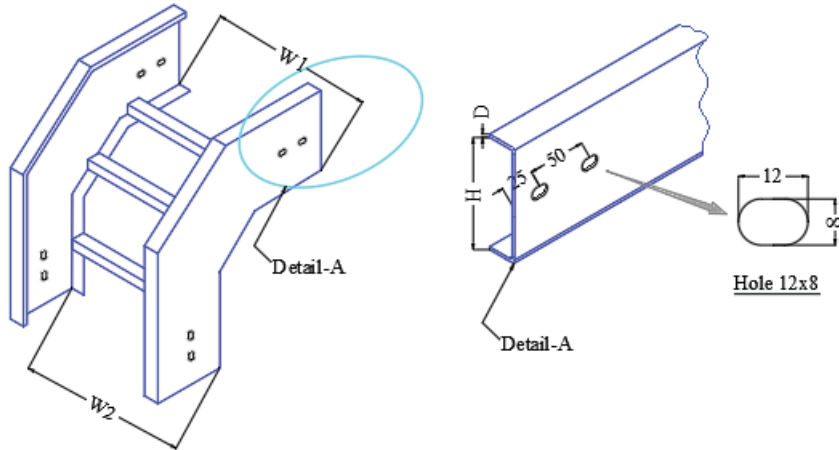
**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

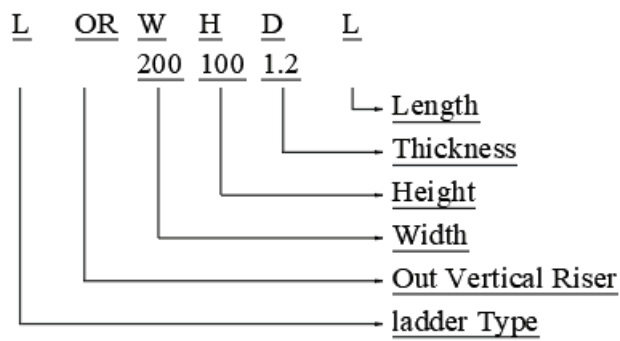
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

## Out Vertical Riser.



### Example of catalog numbering system



### STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

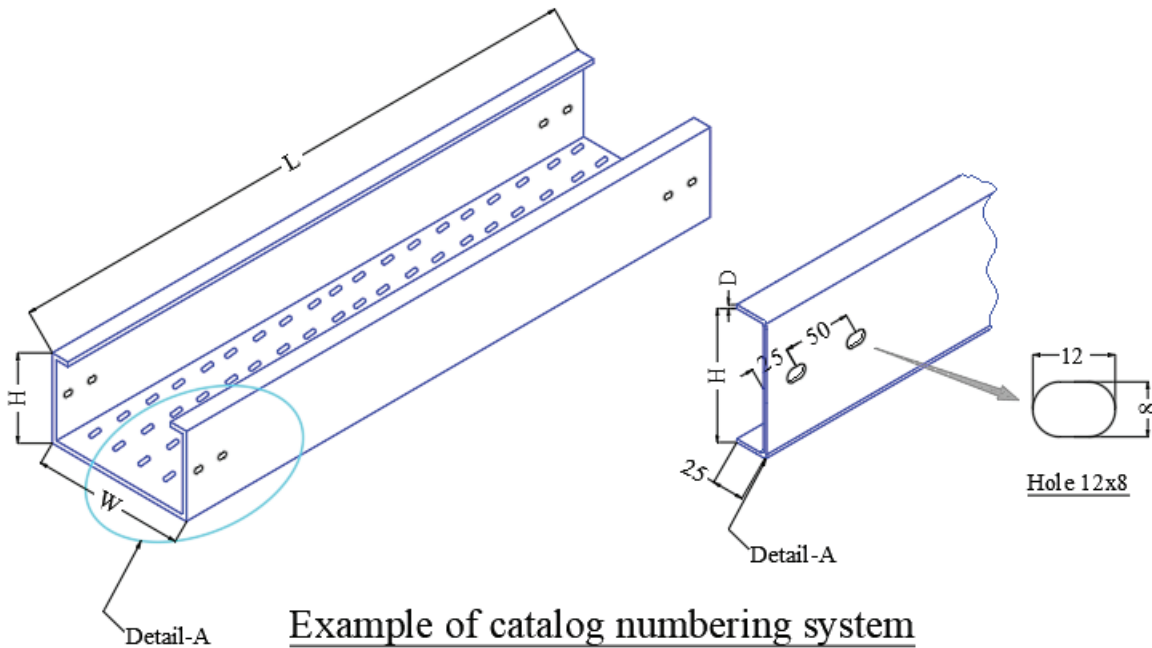
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

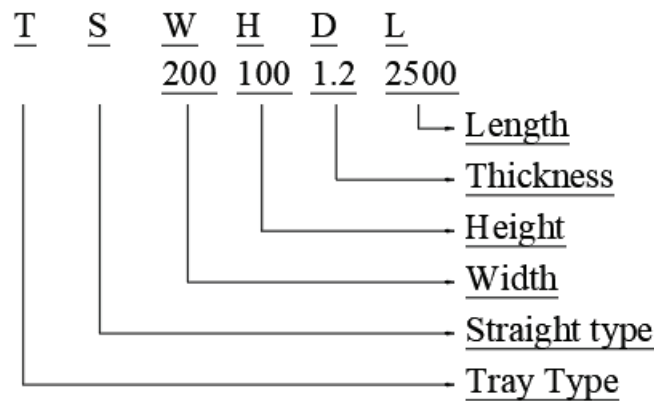


**CABLE TRAY**

**Straight Section.**



Example of catalog numbering system



**STANDARD DIMENSIONS:**

**Length (L):** 2500mm, 3000mm.

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

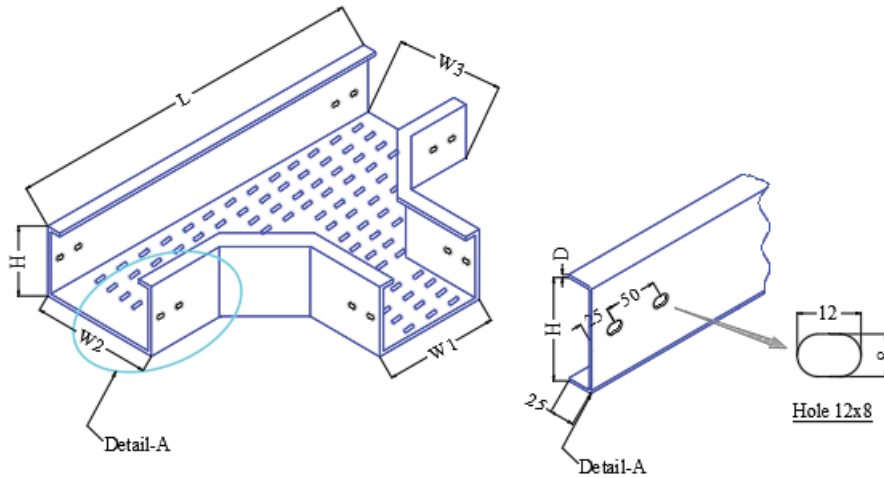
**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

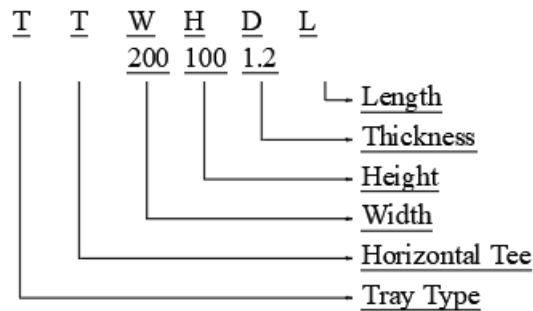
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

## Horizontal Tee.



### Example of catalog numbering system



## STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

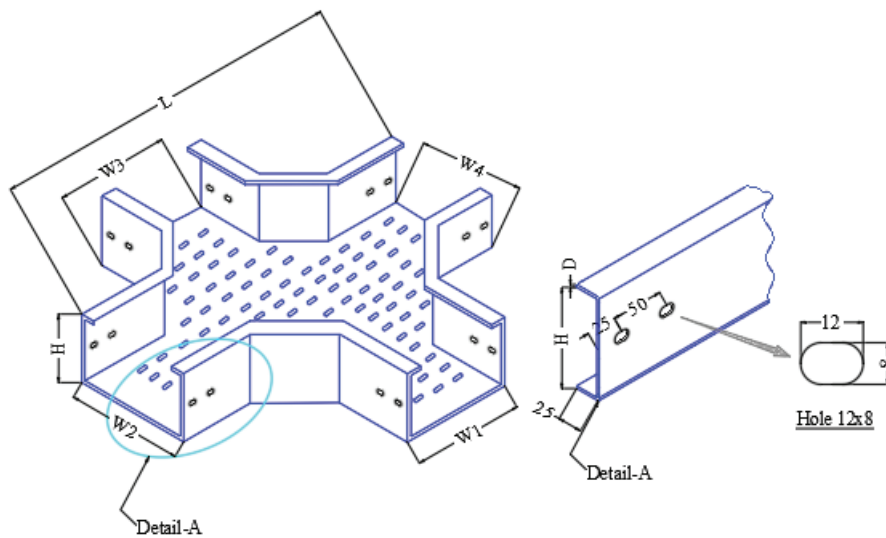
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

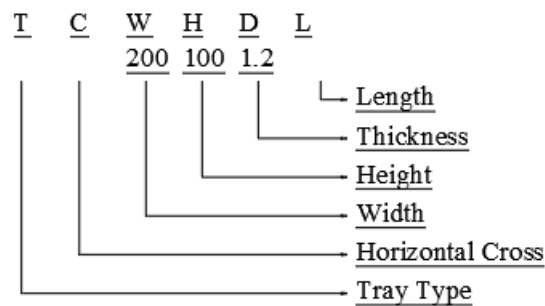




## Horizontal Cross.



### Example of catalog numbering system



## STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

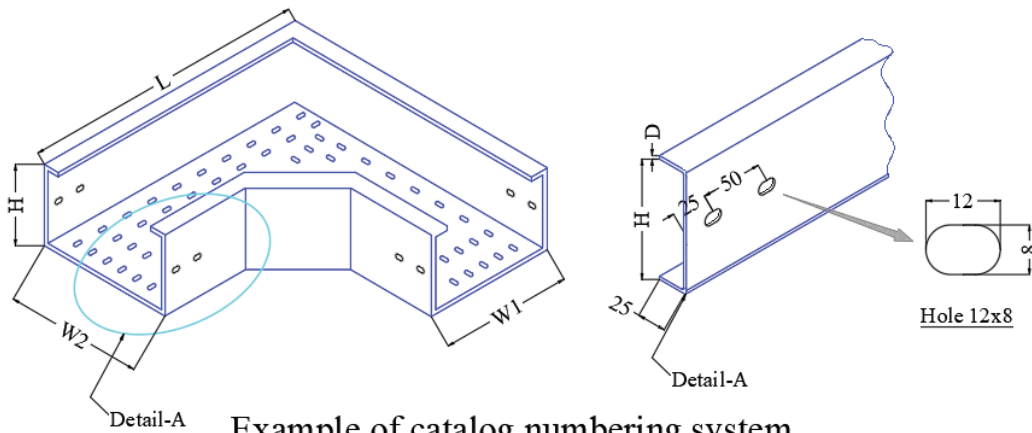
**Material:** Mild steel sheet / PO steel sheet.

**Constructed Type:** MIG welding.

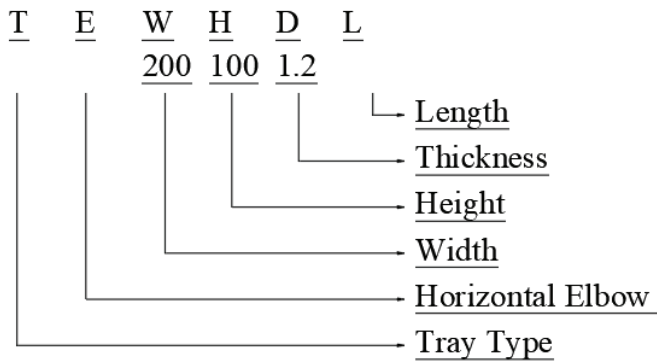
**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.



## Horizontal Elbow.



Example of catalog numbering system



### STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

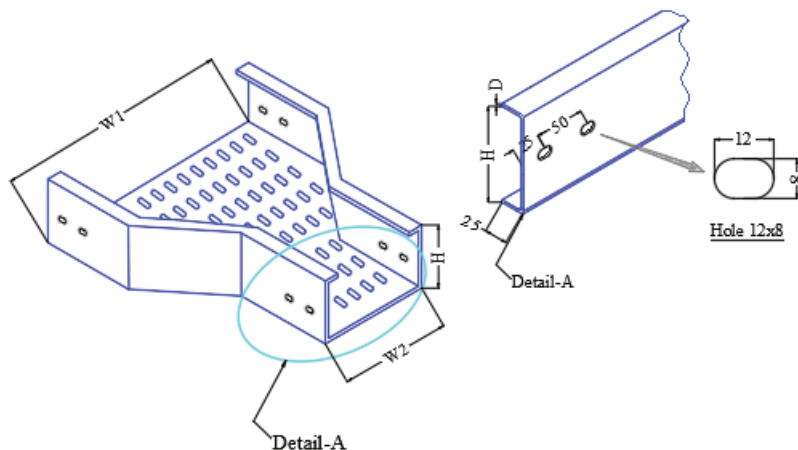
**Material:** Mild steel sheet / PO steel sheet.

**Constructed Type:** MIG welding.

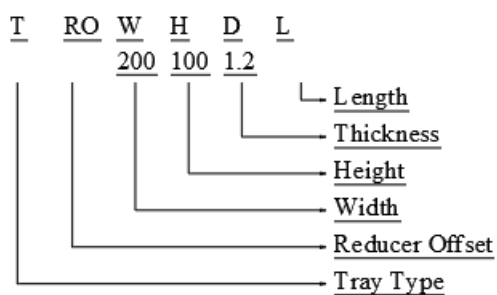
**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.



## Reducer Offset.



### Example of catalog numbering system



## STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

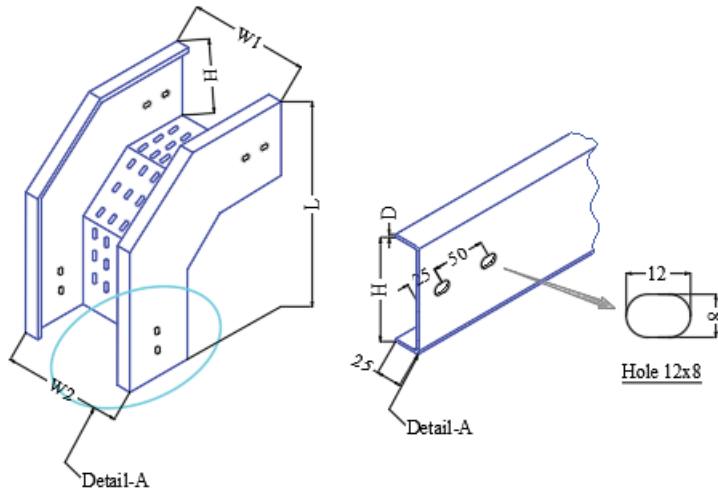
**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

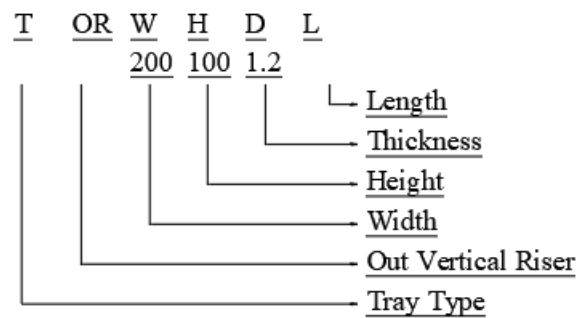
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

## Out Vertical Riser.



### Example of catalog numbering system



## STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

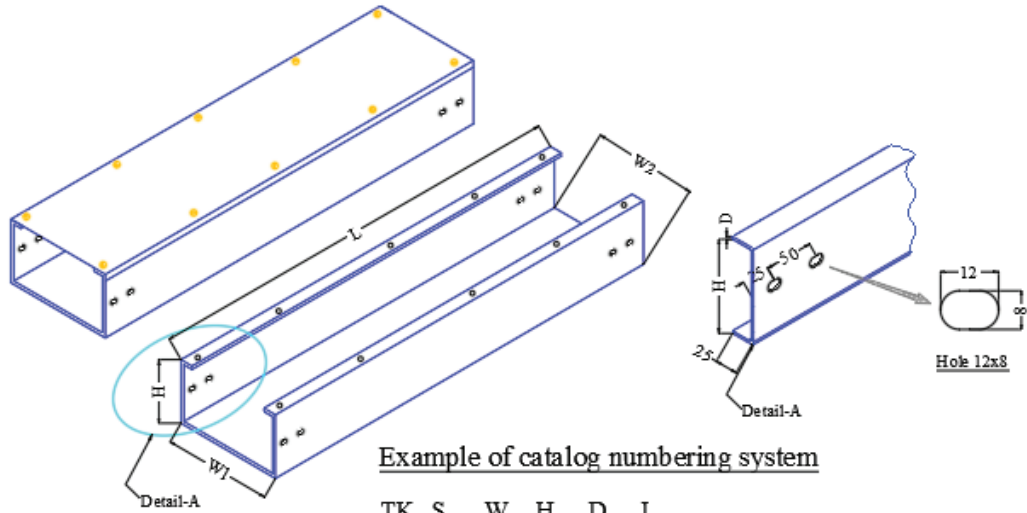
**Material:** Mild steel sheet / PO steel sheet.

**Constructed Type:** MIG welding.

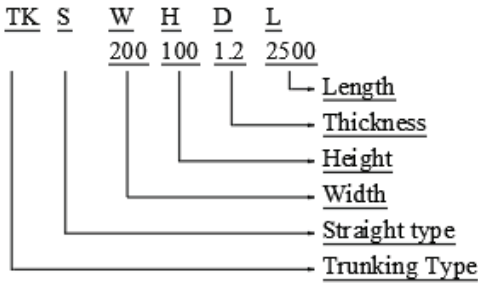
**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

**CABLE TRUNKING**

**Straight Section.**



Example of catalog numbering system

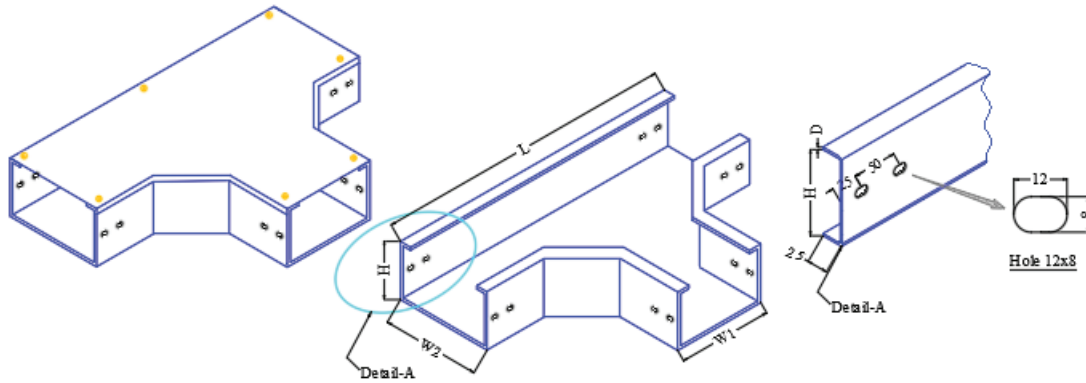


**STANDARD DIMENSIONS:**

- Length (L):** 2500mm, 3000mm.
- Width (W):** 100mm, 200mm,...900mm.
- Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.
- Depth (D):** 1.2mm, 1.5mm, 2.0mm.

- Material:** Mild steel sheet / PO steel sheet.
- Constructed Type:** MIG welding.
- Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

## Horizontal Tee.



Example of catalog numbering system

<u>TK</u>	<u>T</u>	<u>W</u>	<u>H</u>	<u>D</u>	<u>L</u>	
		200	100	1.2	2500	
						└─ Length
						└─ Thickness
						└─ Height
						└─ Width
						└─ Horizontal Tee
						└─ Trunking Type

### STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

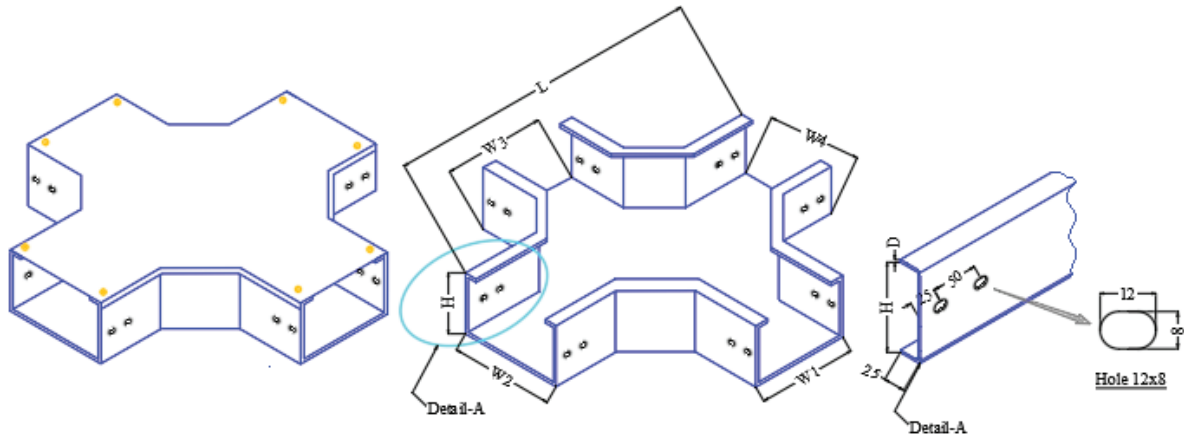
**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

## Horizontal Cross.



Example of catalog numbering system

<u>TK</u>	<u>C</u>	<u>W</u>	<u>H</u>	<u>D</u>	<u>L</u>	
		200	100	1.2	2500	
						Length
						Thickness
						Height
						Width
						Horizontal Cross
						Trunking Type

## STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

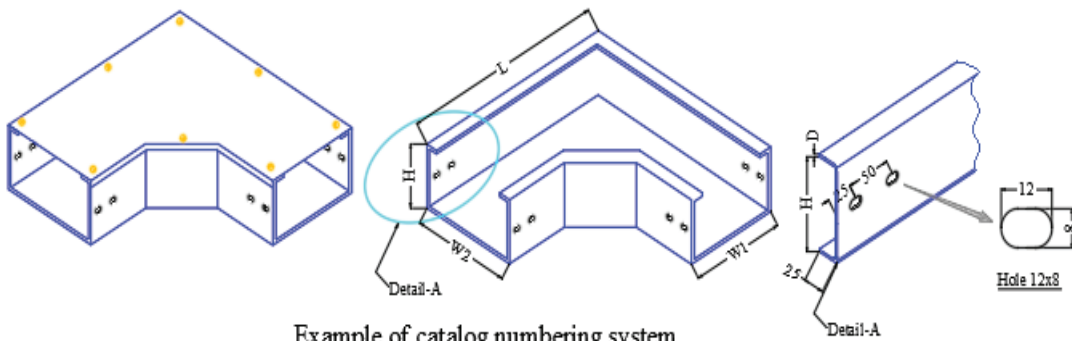
**Material:** Mild steel sheet / PO steel sheet.

**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.



## Horizontal Elbow.



Example of catalog numbering system

<u>TK</u>	<u>E</u>	<u>W</u>	<u>H</u>	<u>D</u>	<u>L</u>	
		200	100	1.2	2500	
						└─ Length
						└─ Thickness
						└─ Height
						└─ Width
						└─ Horizontal Elbow
						└─ Trunking Type

### STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

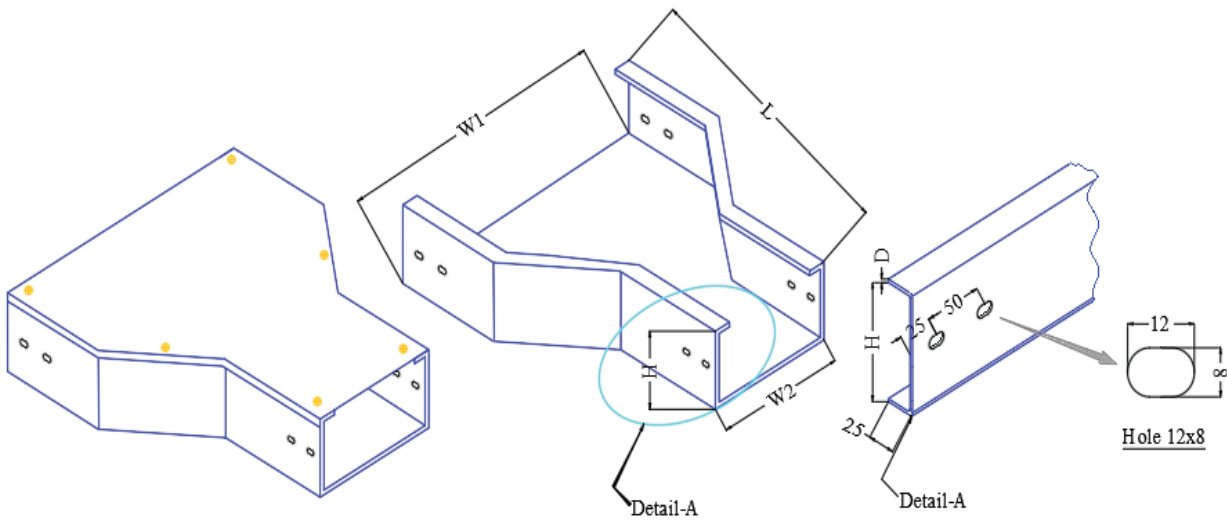
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.





## Reducer Offset.



### Example of catalog numbering system

<u>TK</u>	<u>RO</u>	<u>W</u>	<u>H</u>	<u>D</u>	<u>L</u>	
		200	100	1.2	2500	
						Length
						Thickness
						Height
						Width
						Reducer Offset
						Trunking Type

### STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

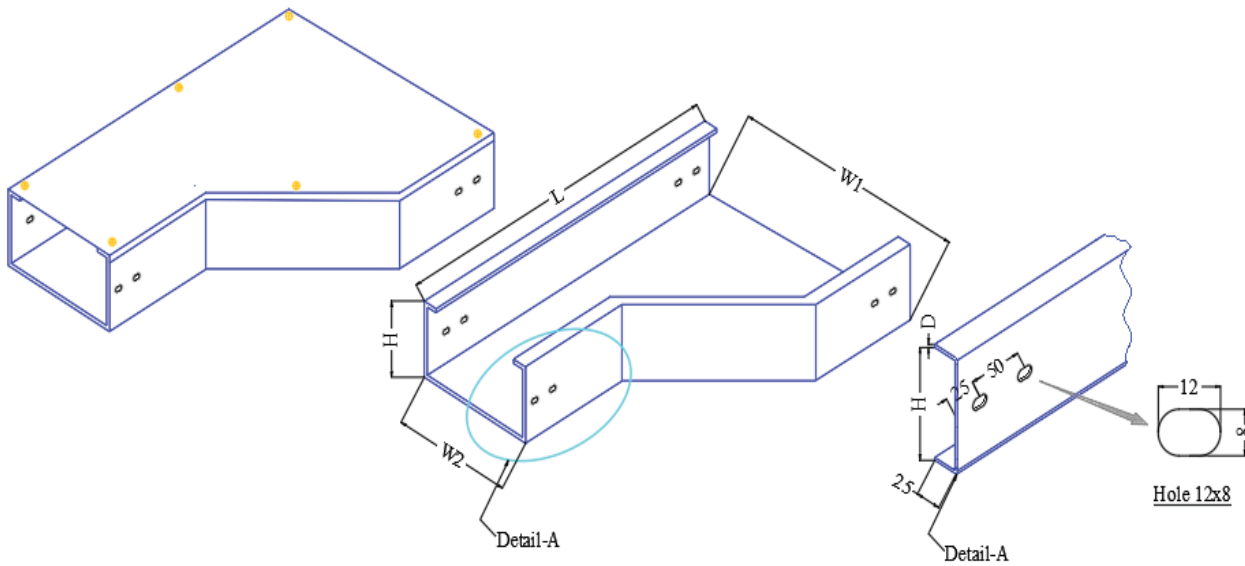
**Material:** Mild steel sheet / PO steel sheet.

**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.



## Right Hand Reducer.



### Example of catalog numbering system

<u>TK</u>	<u>RR</u>	<u>W</u>	<u>H</u>	<u>D</u>	<u>L</u>
		200	100	1.2	2500
					Length
					Thickness
					Height
					Width
					Right Hand Reducer
					Trunking Type

## STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

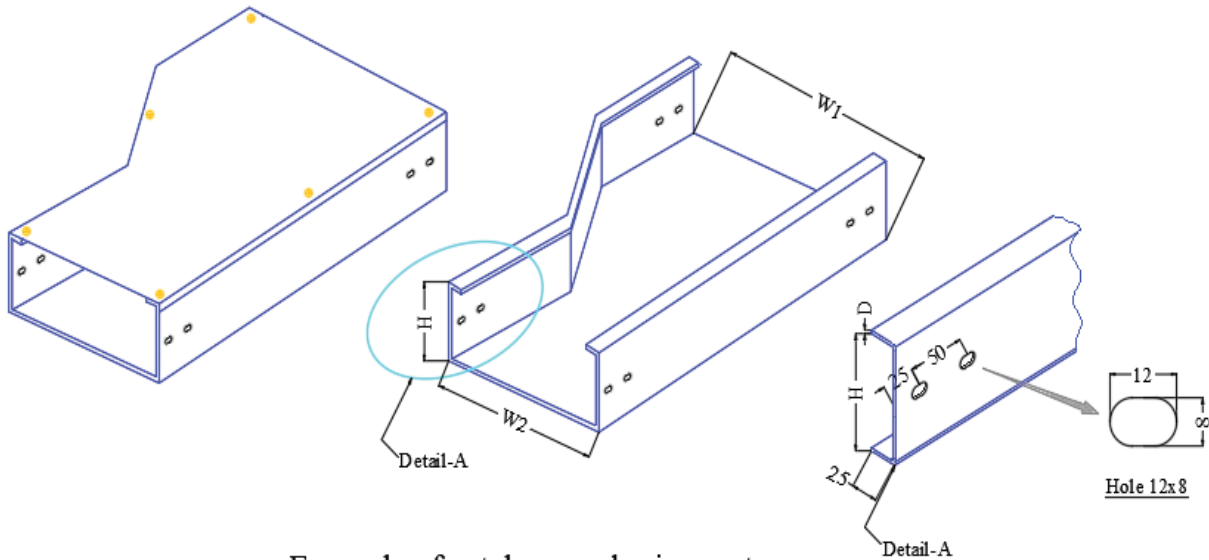
**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

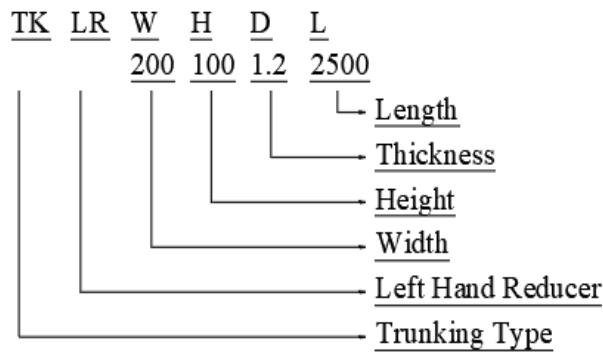
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

### Left Hand Reducer.



#### Example of catalog numbering system



### STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

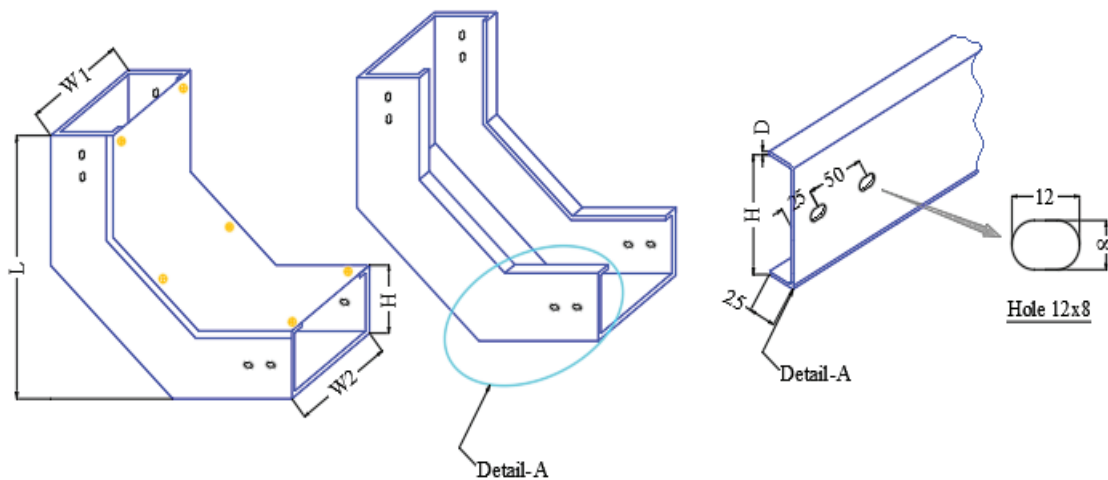
**Material:** Mild steel sheet / PO steel sheet.

**Constructed Type:** MIG welding.

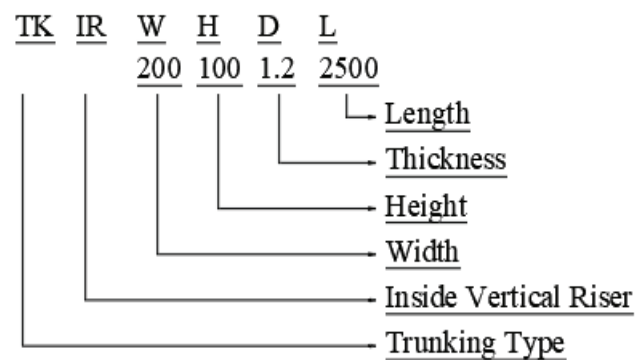
**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.



## Inside Vertical Riser.



### Example of catalog numbering system



## STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

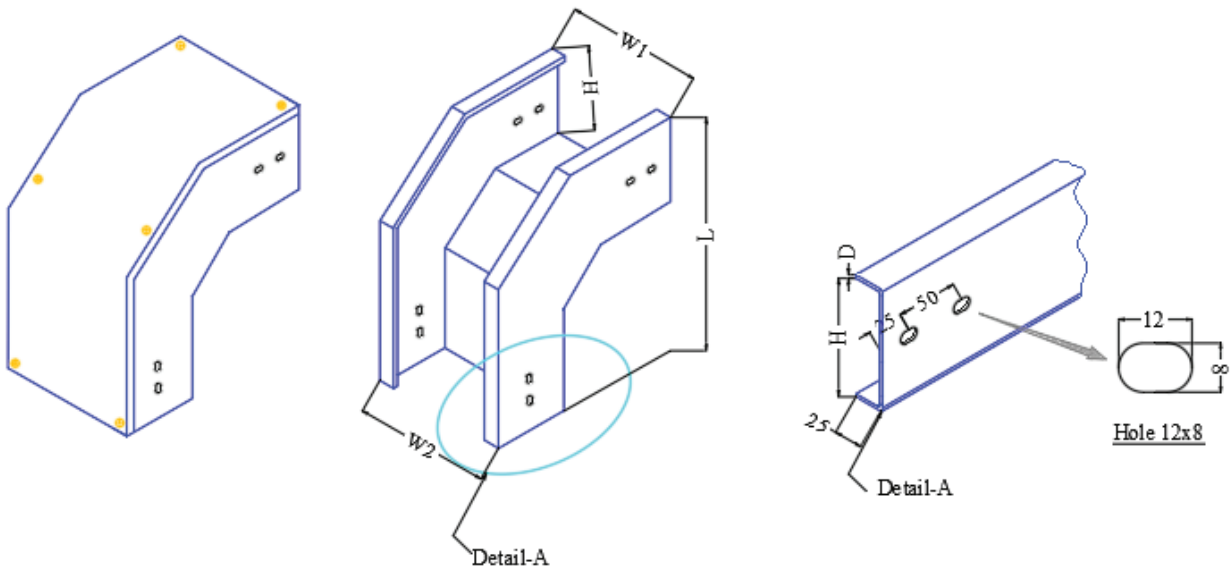
**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

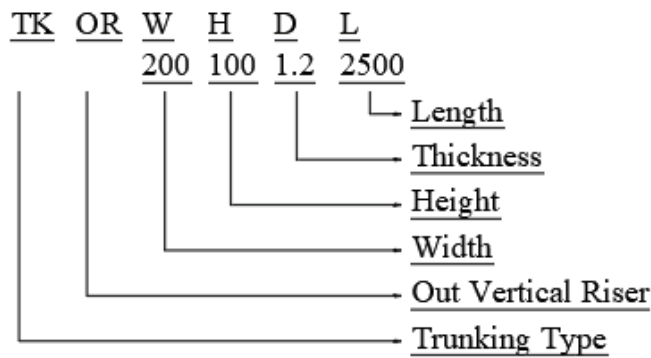
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

### Out Vertical Riser.



#### Example of catalog numbering system



### STANDARD DIMENSIONS:

**Length (L):**

**Width (W):** 100mm, 200mm,...900mm.

**Height (H):** 50mm, 70mm, 100mm, 120mm, 150mm.

**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

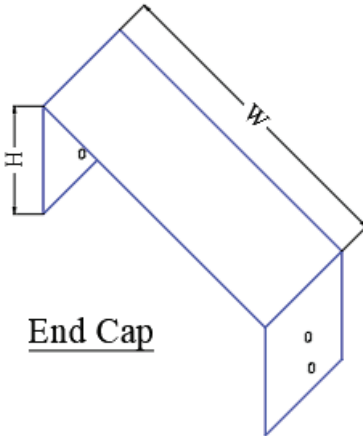
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.



## CAPBLE TRAY ACCESSORIES.

### 4.1 End Cap.



**Width (W):** According to tray width.

**Height (H):** According to tray height.

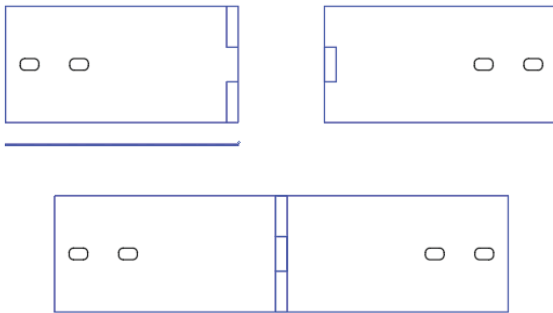
**Depth (D):** 1.2mm, 1.5mm, 2.0mm, 2.5mm.

**Material:** Mild steel sheet / PO steel sheet.

**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

### 4.2 Horizontal Adjustable Plates.



**Length (W):** 200.

**Height (H):** According to tray height.

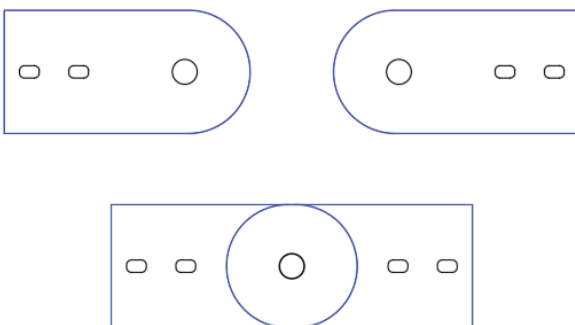
**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

### 4.3 Vertical Adjustable Plates.



**Length (W):** 200.

**Height (H):** According to tray height.

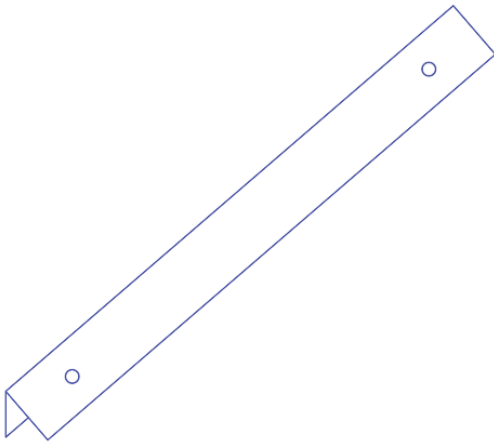
**Depth (D):** 1.2mm, 1.5mm, 2.0mm.

**Material:** Mild steel sheet / PO steel sheet.

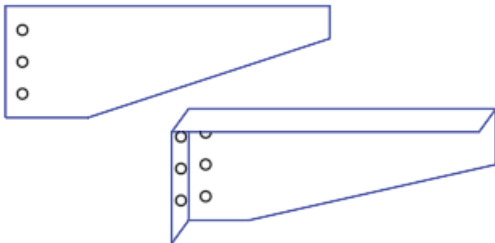
**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

#### 4 Hanger Support.



#### 4.5 Bracket.



**Length (W):** According to require.

**Height (H):** According to require.

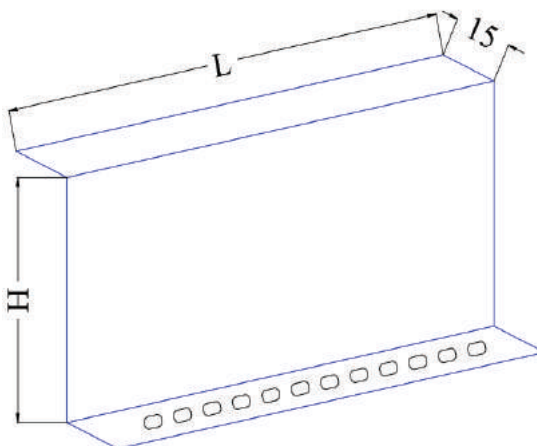
**Depth (D):** 1.2mm, 1.5mm, 2.0mm, 2.5mm.

**Material:** Mild steel sheet / PO steel sheet.

**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

#### 4.6 Seperator.



**Length (W):** 2500mm, 3000mm.

**Height (H):** According to require.

**Depth (D):** 1.2mm, 1.5mm, 2.0mm, 2.5mm.

**Material:** Mild steel sheet / PO steel sheet.

**Constructed Type:** MIG welding.

**Finish:** Epoxy powder coating / Hot dip galvanized / Bare galvanized.

