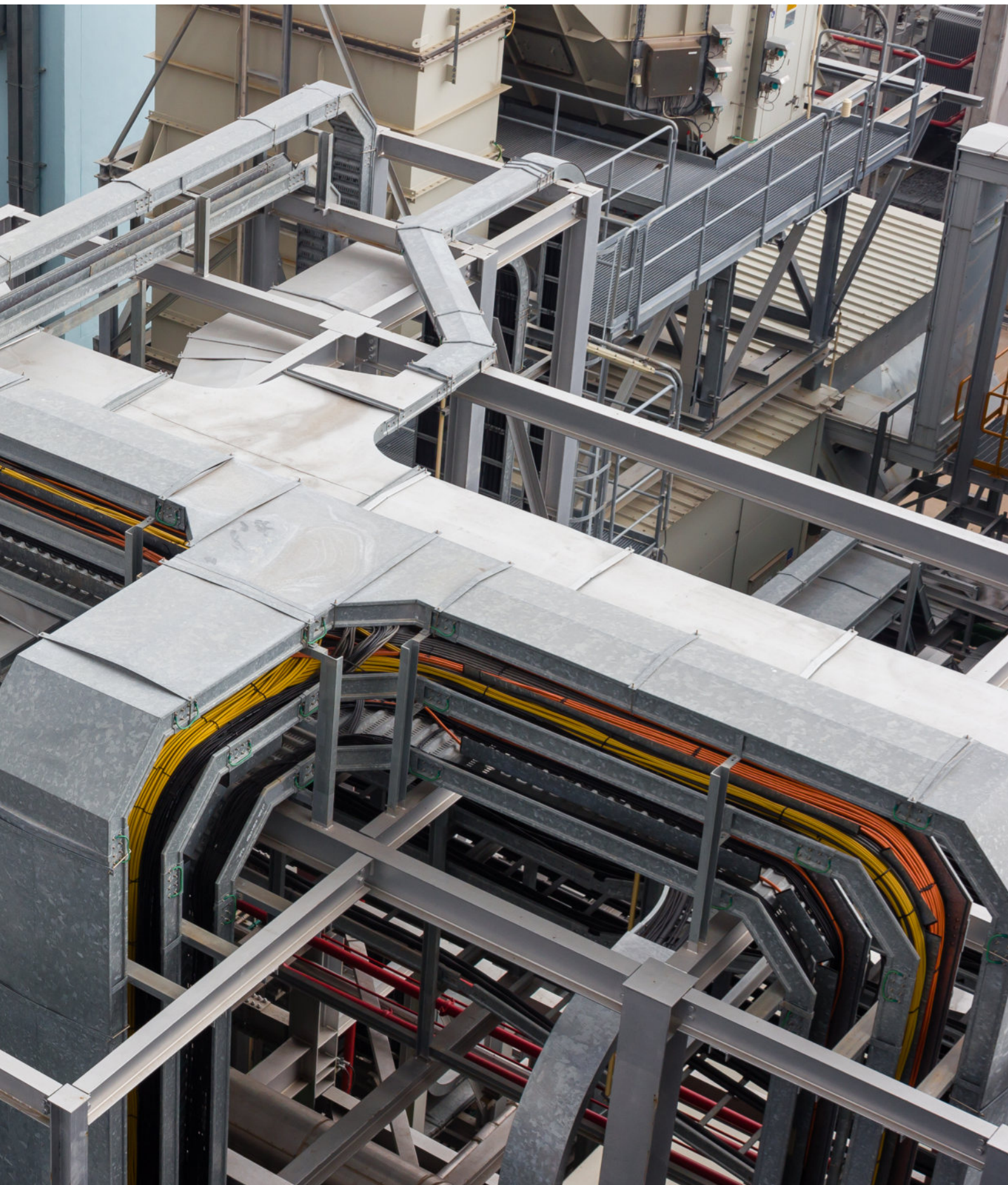


CABLE TRAY MANAGEMENT SYSTEM





SGS

Certificate SA15/2492

The management system of

**Arabian International Co. for
Steel Structures.**

Makkah and Medina Highway, Al Hijra Street, Asfan Industrial Area,
P.O. Box 41017, Jeddah, 21521, Saudi Arabia

has been assessed and certified as meeting the requirements of

ISO 9001:2015

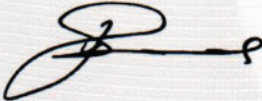
For the following activities

**Marketing, Design, Fabrication of Plate Work, Pressure Vessels,
Piping, power boilers, Tanks, Steel Structures, steel ducts, metal work,
Mechanical work and surface treatment.**

Further clarifications regarding the scope of this certificate and the applicability of
ISO 9001:2015 requirements may be obtained by consulting the organisation

This certificate is valid from 5 June 2016 until 5 November 2018 and
remains valid subject to satisfactory surveillance audits.
Re certification audit due before 22 September 2018
Issue 2. Certified since 5 November 2015


Authorised by

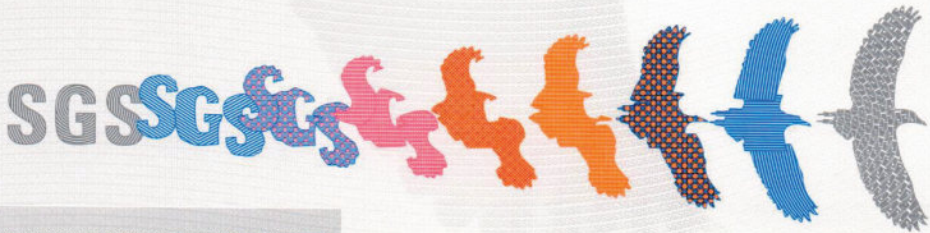


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Page 1 of 1


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SGS

Certificate CH17/0097

The management system of

**Arabian International Company
for Steel Structures**

Makkah and Medina Highway, Al Hijra Street, Asfan Industrial Area,
P.O. Box 41017, Jeddah, 21521, Saudi Arabia



has been assessed and certified as meeting the requirements of

OHSAS 18001:2007

For the following activities

**Marketing, Design, Built up, Fabrication, Erection and Installation of
Plate Work, Pressure Vessels, Piping (Low & High Pressure), Power
Boilers, Tanks, Steel Structures, Steel Ducts, Metal Work, Mechanical
Work and Surface Treatment.**

This certificate is valid from 24 January 2017 until 23 January 2020
and remains valid subject to satisfactory surveillance audits
Recertification audit due before 22 December 2019
Issue 1. Certified since January 2017

Authorised by



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Arabian International Co. for Steel Structures and Sheet Metal Works (AIC Steel) is leading designer, fabricator and erector of structural steel, sheet metal and towers. We are AIC Sheet Metal Works committed to deliver a wide range of sheet metal work solutions across the world. Incorporated in 2016, AIC sheet metal Works has been serving the needs of HVAC Systems, Cable Management systems, and Sheet Metal Fabrication services. Our industrial facilities are spread across Saudi Arabia, UAE, Egypt, serving the needs of the MENA region. We are qualified professionals who are fully dedicated to serve our clients.

AIC Sheet Metal Works assure high quality standard and committed to maintain an effective Quality Assurance System complying with International Standard ISO9001-2015 (Quality Systems), that will sustain the company's reputation and achieve customer satisfaction. The certificates that AIC holds, is a proof of how serious we are emerging to reach an international standard that we are proud of and keep us on top of the industry in the region.

AIC Sheet Metal Works product designs are always based on the relevant international standards and codes to produce cost effective solutions based on accurate calculations validated by advanced testing measures in our labs to ensure products reliability followed by continuous development to fulfill our customer satisfaction.

Cable Management systems offered are conforming to NEMA VE1-2017, NEMA VE2-2013, BEAMA, IEC 61537:2007 and NFPA 70-2017 (NEC).

Cable Tray

Cable trays have the advantage of giving you continuous support for your cables along their entire lengths. They are precisely formed and engineered to maximize the strength capabilities of their steel. Often, they are fabricated from pregalvanized steel, for a long corrosion resistant life, with a clean looking, high quality surface which is great for inside installation where they could be seen. Alternatively, most trays can be hot dip galvanized after fabrication to provide a long, corrosion resistant service life even when used outside. Depending on the design of the tray, you either use pre-made fittings to change your cable direction or level, or fabricate these from the product itself onsite.

Cable Tray is used outdoor and indoor, have ventilation openings for air circulation and prevent accumulation of dust without cables sagging .

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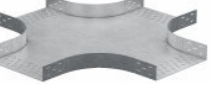

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Product	Page	Product	Page
Straight Cable Tray 	8-9	Curved Inside Riser 	16
Straight Cable Tray (Roll Formed) 	10-11	Cornered Inside Riser 	17
Cornered Bend (Type A) 	12	Curved Outside Riser 	18
Cornered Bend (Type B) 	13	Cornered Outside Riser 	19
Cornered Bend (Type C) 	14	Cornered Horizontal Tee (Type A) 	20
Curved Bend 	15	Cornered Horizontal Tee (Type B) 	21

Product	Page	Product	Page
<p>Cornered Horizontal Tee (Type C)</p> 	22	<p>Central Cornered Reducer (Type A)</p> 	28
<p>Curved Horizontal Tee</p> 	23	<p>Central Cornered Reducer (Type B)</p> 	29
<p>Cornered Cross (Type A)</p> 	24	<p>Central Cornered Reducer (Type C)</p> 	30
<p>Cornered Cross (Type B)</p> 	25	<p>Side Cornered Reducer (Type A)</p> 	31
<p>Cornered Cross (Type C)</p> 	26	<p>Side Cornered Reducer (Type B)</p> 	32
<p>Curved Cross</p> 	27	<p>Side Cornered Reducer (Type C)</p> 	33

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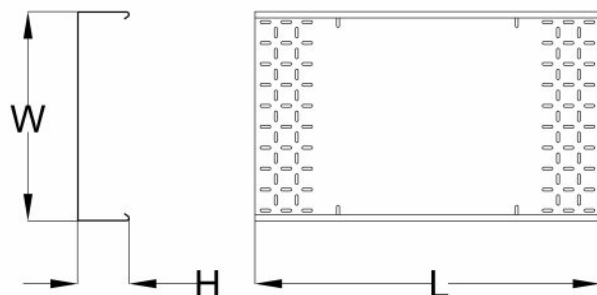
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MC01-Straight Cable Tray (Cut)



Ordering Code

Product Code : MC01 - M TH FLG PAT F - W x H x L

Material									
Thickness									
Flange									
Pattern									
Finishing									
Width									
Height									
Length									

Description

- Fabricated from sheet metal with high quality to protect cables.
- Provide various sizes.
- Various thicknesses for different load requirements.
- Different Pattern and flange types are available.

Construction

Material:

MC01 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC01 is offered with different thicknesses - from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC01 is offered with different pattern options Solid, Wide, Narrow, Straight 100 and Staggered 100. For more detail please refer to page 9.

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

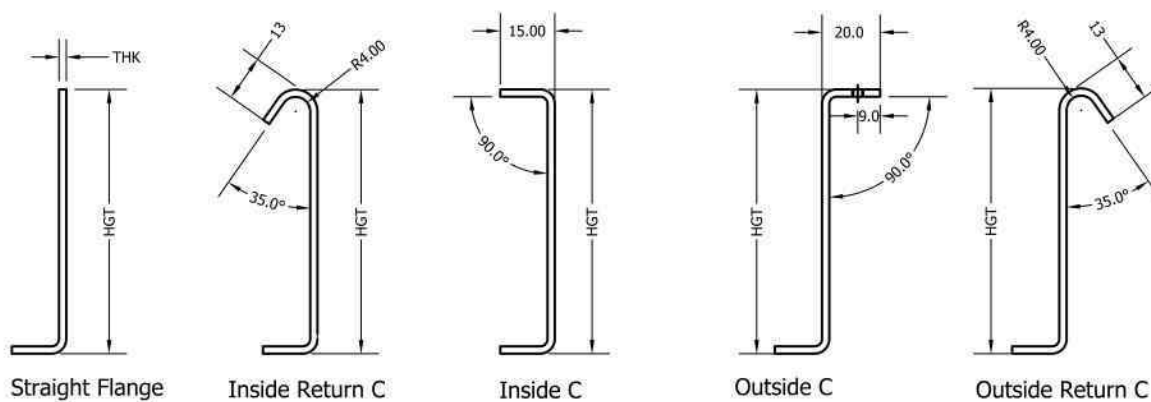
MC01 is offered with various sizes.
Length starting from 200 up to 3000 mm.
Width starting from 100 up to 900 mm.
Flange Height starting from 25 up to 150 mm.

*Other sizes are available upon request.

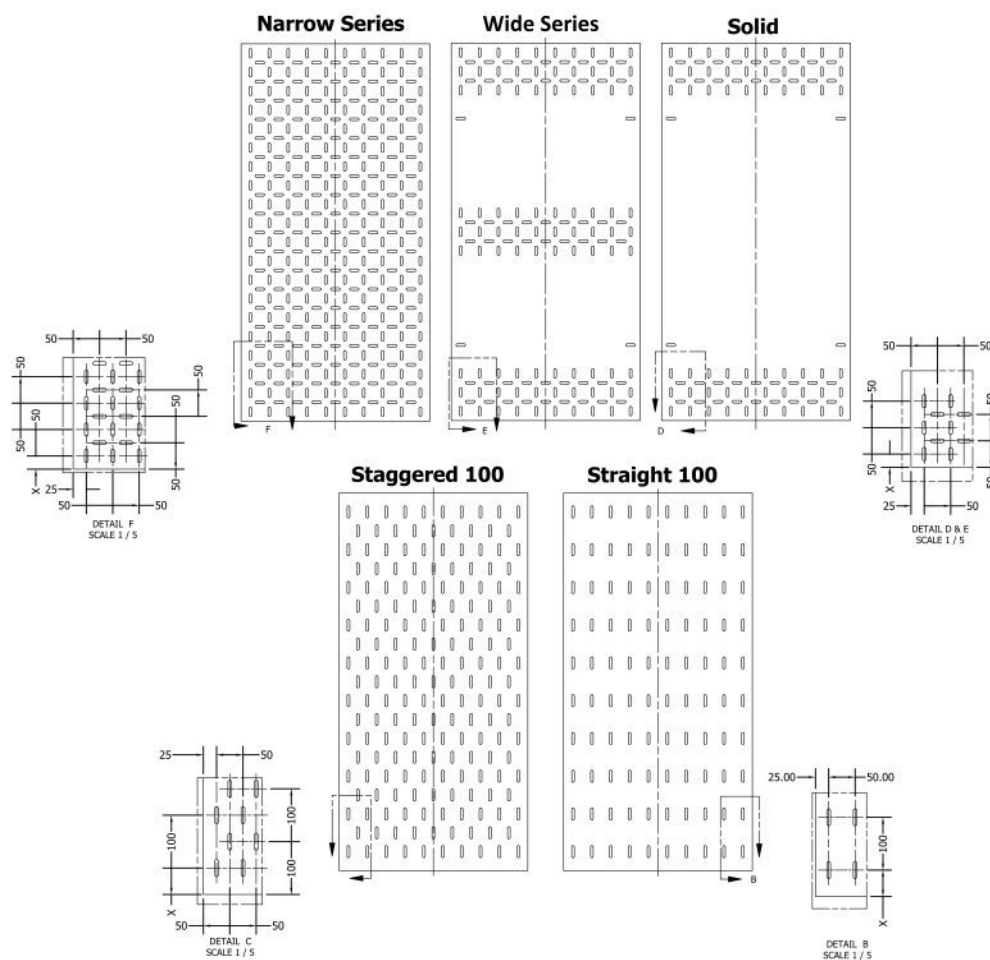
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For loading classifications and tables Please refer to Pages no. 85 to 93.

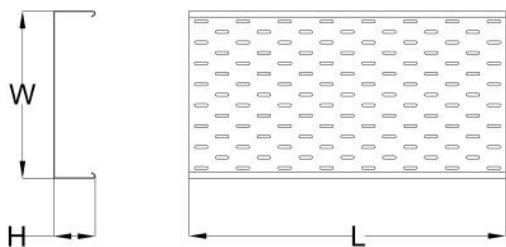
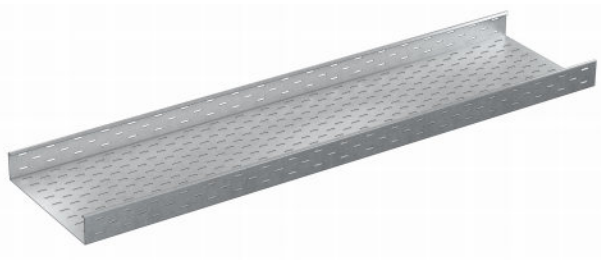
MC01-Flange Option



MC01-Tray Pattern



MC02-Straight Cable Tray (Roll Formed)



Ordering Code

Product Code : MC02 - M TH FLG PAT F - W x H x L

Material	M	TH	FLG	PAT	F	-	W	x	H	x	L
Thickness											
Flange											
Pattern											
Finishing											
Width											
Height											
Length											

Description

- Fabricated from sheet metal with high quality to protect cables.
- Provide various sizes.
- Various thicknesses for different load requirements.
- Different Pattern and flange types are available.

Construction

Material:

MC02 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Rolled Steel in accordance with ASTM A36 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC02 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 11.

Pattern Option:

MC02 is offered with different pattern options, Solid, Straight 50, Straight 100, Staggered 50 and Staggered 100. For more detail please refer to page 11.

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

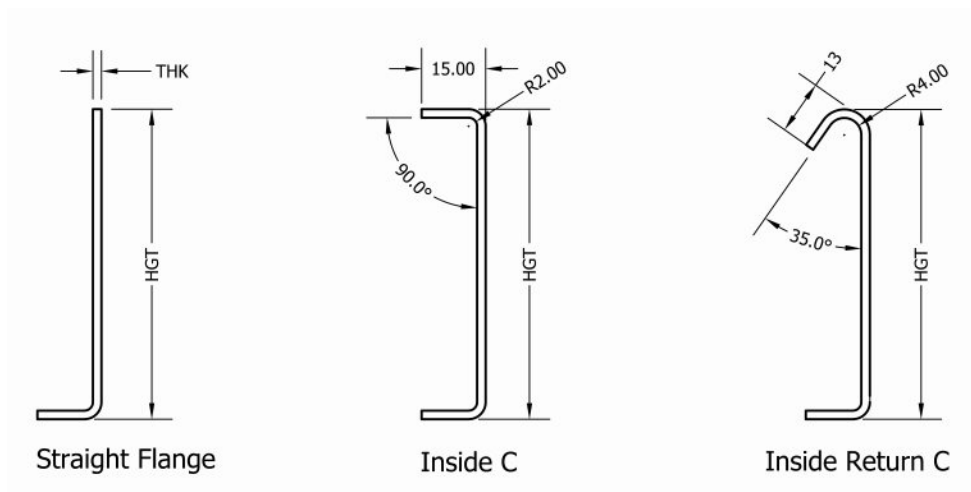
MC02 is offered with various sizes.
Length starting from 2000 up to 6000 mm.
Width starting from 100 up to 900 mm.
Flange Height starting from 25 up to 150 mm.

*Other sizes are available upon request.

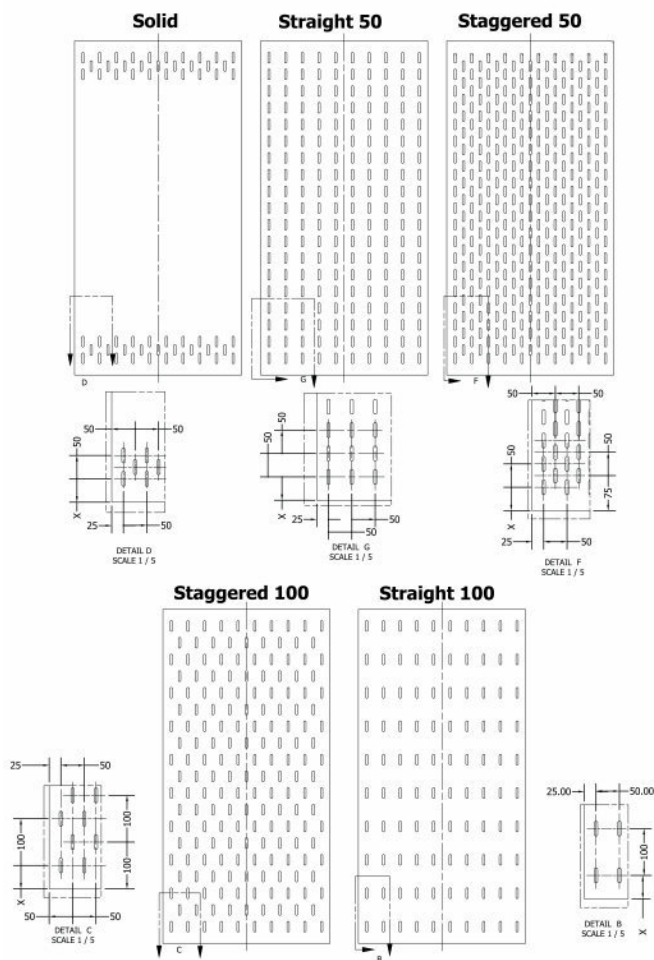
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For loading classifications and tables Please refer to Pages no. 85 to 93.

MC02-Flange Option

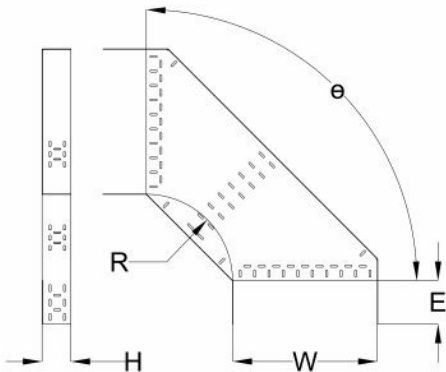
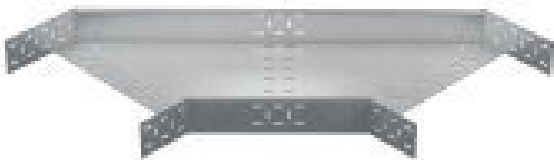


MC02-Tray Pattern



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MC11- Cornered Bend (Type A)



Ordering Code

Product Code :	MC11	-	M	TH	FLG	PAT	F	-	W	x	H	x	R	x	Θ
Material															
Thickness															
Flange															
Pattern State															
Finishing															
Width															
Height															
Radius															
Angle															

Description

- Type of fitting that changes direction of cables to meet building design.
- Fittings are provided with covers upon request.

Construction

Material:

MC11 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

Thickness:

MC11 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC11 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

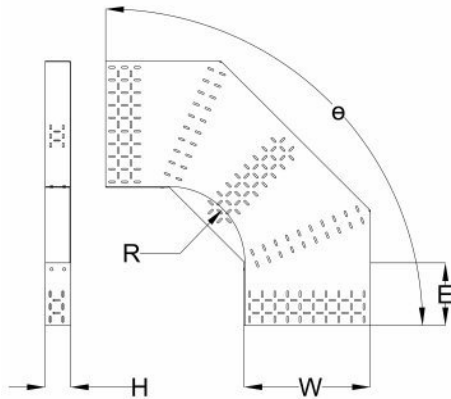
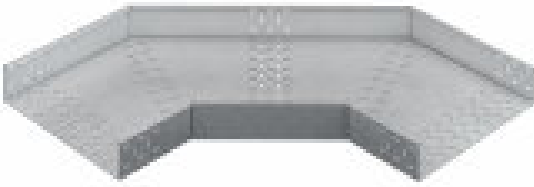
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC11 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°.
Height starting from 25 up to 150 mm.
Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

MC12- Cornered Bend (Type B)



Ordering Code

Product Code : MC12 - M TH FLG PAT F - W x H x R x Θ

Material									
Thickness									
Flange									
Pattern State									
Finishing									
Width									
Height									
Radius									
Angle									

Description

- Type of fitting that changes direction of cables to meet building design.
- Fittings are provided with covers upon request.

Construction

Material:

MC12 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC12 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC12 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

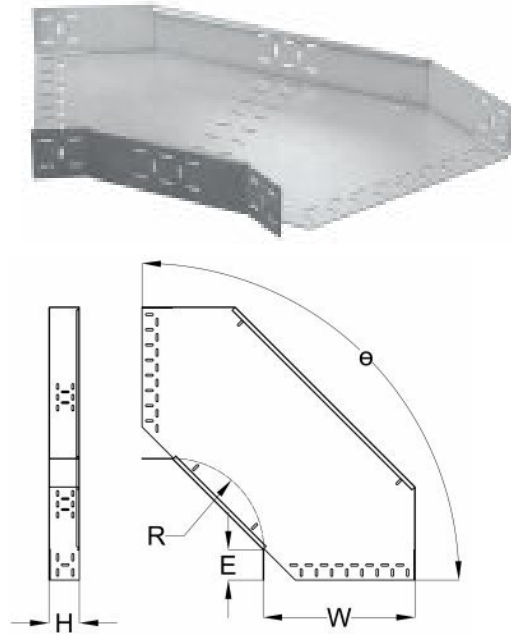
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC12 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°.
Height starting from 25 up to 150 mm.
Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

MC13- Cornered Bend (Type C)



Description

- Type of fitting that changes direction of cables to meet building design.
- Fittings are provided with covers upon request.

Construction

Material:

MC13 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC13 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC13 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC13 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°.
Height starting from 25 up to 150 mm.
Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

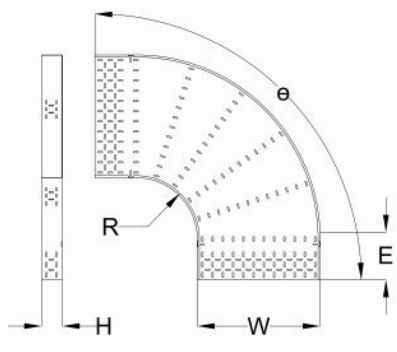
*Other sizes are available upon request.

Ordering Code

Product Code : MC13 - M TH FLG PAT F - W x H x R x Θ

Material									
Thickness									
Flange									
Pattern State									
Finishing									
Width									
Height									
Radius									
Angle									

MC14- Curved Bend



Ordering Code

Product Code : MC14 - M TH PAT F - W x H x R x Θ

Material									
Thickness									
Pattern State									
Finishing									
Width									
Height									
Radius									
Angle									

Description

- Offers a wide range of angles to change cables direction according to user requirements.
- Fittings are provided with covers upon request.

Construction

Material:

MC14 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC14 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Pattern Option:

MC14 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

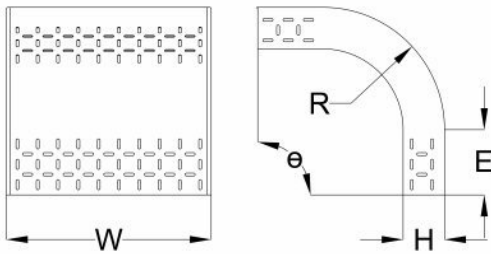
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC14 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°.
Height starting from 25 up to 150 mm.
Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

MC21- Curved Inside Riser



Ordering Code

Product Code : MC21 - M TH PAT F - W x H x R x θ

Material

Thickness

Pattern State

Finishing

Width

Height

Radius

Angle

Description:

- Changes cable direction very smoothly from horizontal direction to vertical direction.
- Fittings are provided with covers upon request.

Construction

Material:

MC21 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC21 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Pattern Option:

MC21 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

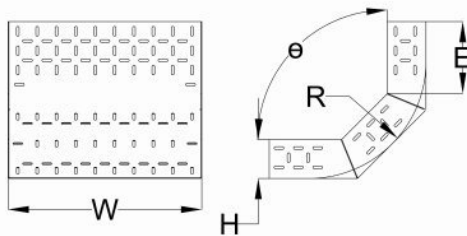
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC21 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°.
Height starting from 25 up to 150 mm.
Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

MC22- Cornered Inside Riser



Ordering Code

Product Code : MC22 - M TH FLG PAT F - W x H x R x θ

Material									
Thickness									
Flange									
Pattern State									
Finishing									
Width									
Height									
Radius									
Angle									

Description:

- Changes cable direction from horizontal direction to vertical direction.
- Fittings are provided with covers upon request.

Construction

Material:

MC22 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC22 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC22 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

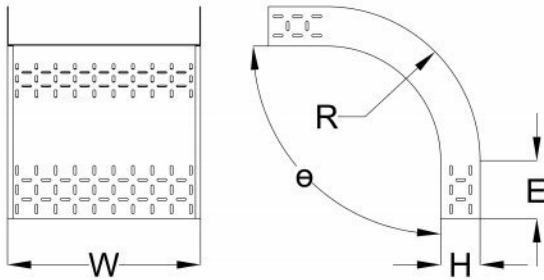
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC22 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°.
Height starting from 25 up to 150 mm.
Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

MC23- Curved Outside Riser



Ordering Code

Product Code : MC23 - M TH PAT F - W x H x R x θ

Material								
Thickness								
Pattern State								
Finishing								
Width								
Height								
Radius								
Angle								

Description

- Changes cable direction very smoothly from vertical direction to horizontal direction.
- Fittings are provided with covers upon request.

Construction

Material:

MC23 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC23 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Pattern Option:

MC23 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

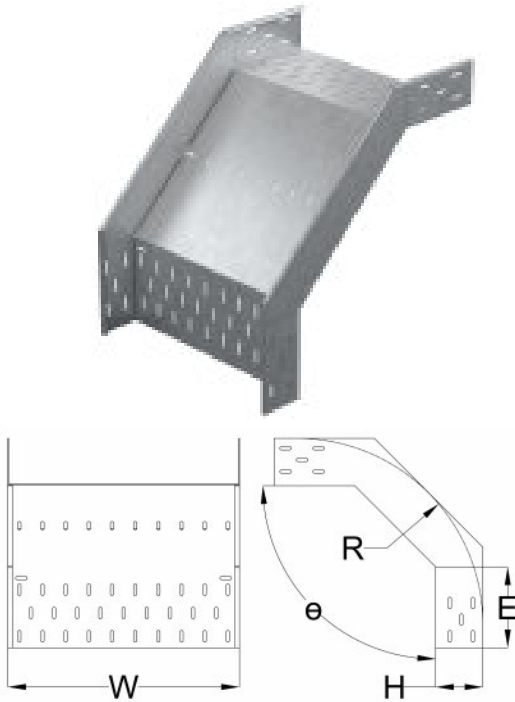
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC23 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°.
Height starting from 25 up to 150 mm.
Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

MC24- Cornered Outside Riser



Ordering Code

Product Code : MC24 - M TH FLG PAT F - W x H x R x θ

Material	
Thickness	
Flange	
Pattern State	
Finishing	
Width	
Height	
Radius	
Angle	

Description

- Changes cable direction from horizontal direction to vertical direction.
- Fittings are provided with covers upon request.

Construction

Material:

MC24 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC24 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC24 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

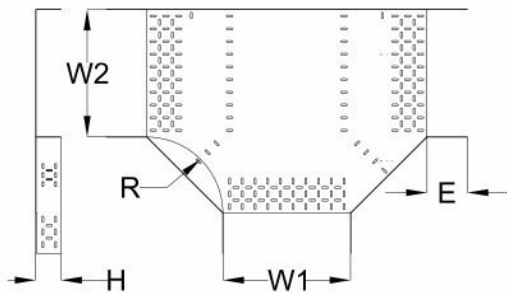
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC24 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°.
Height starting from 25 up to 150 mm.
Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

MC31- Cornered Horizontal Tee (Type A)



Ordering Code

Product Code : MC31 - M TH FLG PAT F - W1 x H x R x W2

Material	M	TH	FLG	PAT	F	W1	H	R	W2
Thickness									
Flange									
Pattern State									
Finishing									
Width 1									
Height									
Radius									
Width 2									

Description

- Distribute cables in two directions.
- Fittings are provided with covers upon request.

Construction

Material:

MC31 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC31 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC31 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

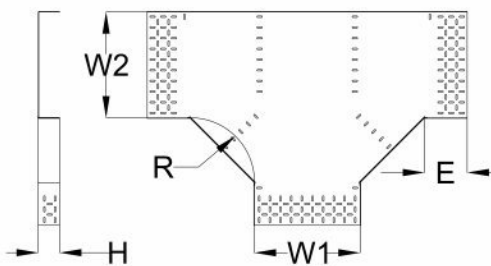
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC31 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 100 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

MC32- Cornered Horizontal Tee (Type B)



Ordering Code

Product Code : MC32 - M TH FLG PAT F - W1 x H x R x W2

Material									
Thickness									
Flange									
Pattern State									
Finishing									
Width 1									
Height									
Radius									
Width 2									

Description

- Distribute cables in two directions.
- Welding should increase part strength.
- Fittings are provided with covers upon request.

Construction

Material:

MC32 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC32 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC32 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

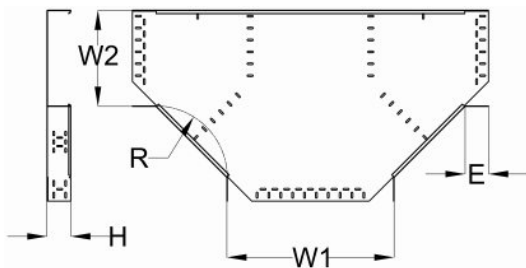
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC32 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 100 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

MC33- Cornered Horizontal Tee (Type C)



Ordering Code

Product Code : MC33 - M TH FLG PAT F - W1 x H x R x W2

Material	
Thickness	
Flange	
Pattern State	
Finishing	
Width 1	
Height	
Radius	
Width 2	

Description

- Distribute cables in two directions.
- Welding should increase part strength.
- Fittings are provided with covers upon request.

Construction

Material:

MC33 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC33 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC33 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

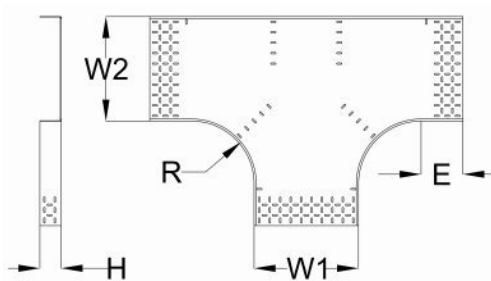
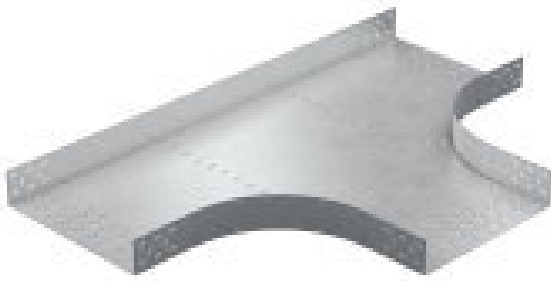
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC33 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 100 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

MC34- Curved Horizontal Tee



Ordering Code

Product Code : MC34 - M TH PAT F - W1 x H x R x W2

Material						
Thickness						
Pattern State						
Finishing						
Width 1						
Height						
Radius						
Width 2						

Description

- Distribute cables in two directions.
- Fittings are provided with covers upon request.

Construction

Material:

MC34 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC34 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Pattern Option:

MC34 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC34 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 100 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

1

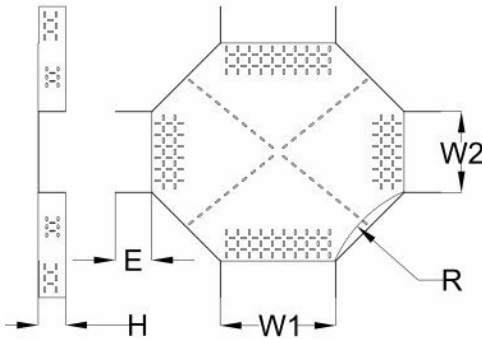
2

3

4

5

MC41- Cornered Cross (Type A)



Ordering Code

Product Code : MC41 - M TH FLG PAT F - W1 x H x R x W2

Material									
Thickness									
Flange									
Pattern State									
Finishing									
Width 1									
Height									
Radius									
Width 2									

Description

- Making a manifold point in network.
- Reduces tray width to another.
- Fittings are provided with covers upon request.

Construction

Material:

MC41 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC41 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC41 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

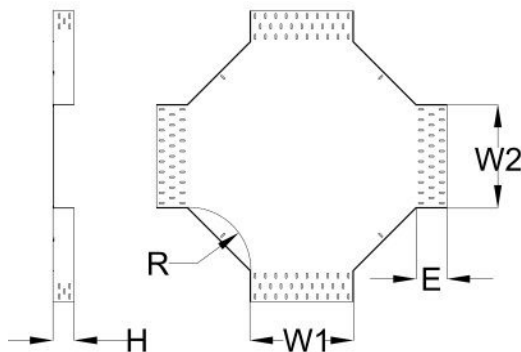
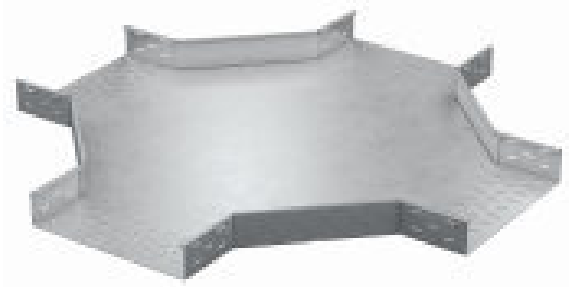
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC41 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 150 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 150 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

MC42- Cornered Cross (Type B)



Ordering Code

Product Code : MC42 - M TH FLG PAT F - W1 x H x R x W2

Material									
Thickness									
Flange									
Pattern State									
Finishing									
Width 1									
Height									
Radius									
Width 2									

Description

- Making a manifold point in network.
- Reduces tray width to another.
- Welding should increase part strength.
- Fittings are provided with covers upon request.

Construction

Material:

MC42 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC42 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC42 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

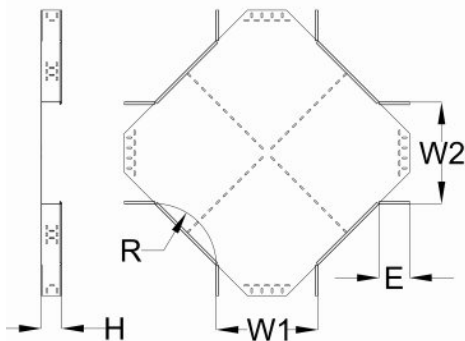
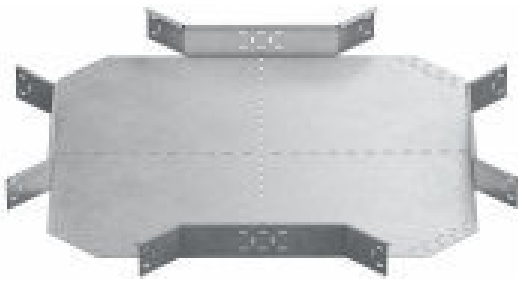
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC42 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 100 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

MC43- Cornered Cross (Type C)



Ordering Code

Product Code :	MC43	-	M	TH	FLG	PAT	F	-	W1	x	H	x	R	x	W2
Material															
Thickness															
Flange															
Pattern State															
Finishing															
Width 1															
Height															
Radius															
Width 2															

Description

- Making a manifold point in network.
- Reduces tray width to another.
- Welding should increase part strength.
- Fittings are provided with covers upon request.

Construction

Material:

MC43 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC43 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC43 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

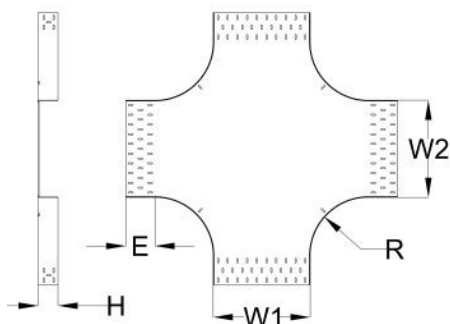
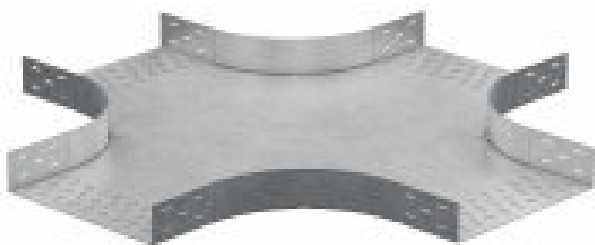
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC43 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 100 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

MC44- Curved Cross



Ordering Code

Product Code : MC44 - M T H PAT F - W1 x H x R x W2

Material

Thickness

Pattern State

Finishing

Width 1

Height

Radius

Width 2

Description

- Making a manifold point in network.
- Reduces tray width to another.
- Fittings are provided with covers upon request.

Construction

Material:

MC44 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC44 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Pattern Option:

MC44 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

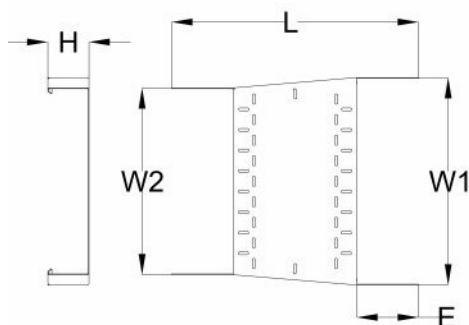
Different finish is offered, Electrostatic powder coating, or Primer paint.
Different packaging option is available upon request.

Size:

MC44 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 100 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

*Other sizes are available upon request.

MC51- Central Cornered Reducer (Type A)



Ordering Code

Product Code : MC51 - M TH FLG PAT F - W1 x H x W2

Material									
Thickness									
Flange									
Pattern State									
Finishing									
Width 1									
Height									
Width 2									

Description:

- Reduces cable tray width to another with single fitting.
- Fittings are provided with covers upon request.

Construction

Material:

MC51 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC51 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC51 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

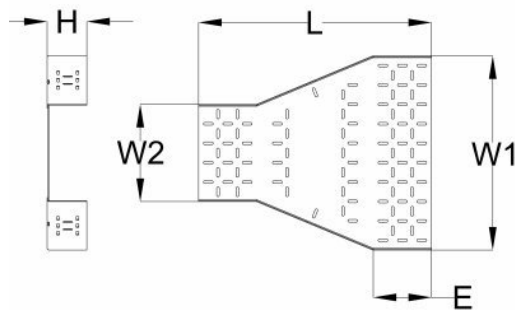
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC51 is offered with various sizes.
Width 1 starting from 150 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 150 up to 900 mm.
Extension minimum value is 100 mm.
Length is 500 mm minimum.

*Other sizes are available upon request.

MC52- Central Cornered Reducer (Type B)



Ordering Code

Product Code : MC52 - M TH FLG PAT F - W1 x H x W2

Material									
Thickness									
Flange									
Pattern State									
Finishing									
Width 1									
Height									
Width 2									

Description

- Reduces cable tray width to another with single fitting.
- Welding should increase part strength.
- Fittings are provided with covers upon request.

Construction

Material:

MC52 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC52 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC52 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC52 is offered with various sizes.
Width 1 starting from 100 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Length is 500 mm minimum.

*Other sizes are available upon request.

1

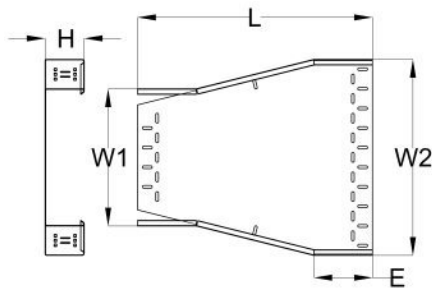
2

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5

MC53- Central Cornered Reducer (Type C)



Ordering Code

Product Code : MC53 - M TH FLG PAT F - W1 x H x W2

Material									
Thickness									
Flange									
Pattern State									
Finishing									
Width 1									
Height									
Width 2									

Description

- Reduces cable tray width to another with single fitting.
- Welding should increase part strength.
- Fittings are provided with covers upon request.

Construction

Material:

MC53 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC53 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Pattern Option:

MC53 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

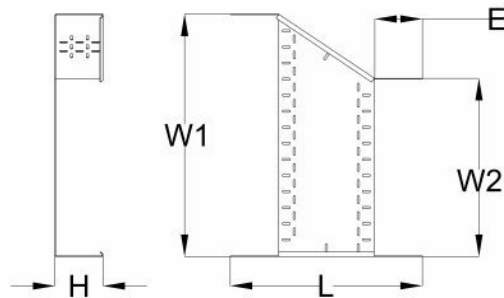
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC53 is offered with various sizes.
Width 1 starting from 150 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 150 up to 900 mm.
Extension minimum value is 100 mm.
Length is 500 mm minimum.

*Other sizes are available upon request.

MC61- Side Cornered Reducer (Type A)



Ordering Code

Product Code : MC61 - M TH FLG RDT PAT F - W1 x H x W2

Material	
Thickness	
Flange	
Reducer Type	
Pattern State	
Finishing	
Width 1	
Height	
Width 2	

Description

- Used to collect cables from large width to small width or vice versa.
- Fittings are provided with covers upon request.

Construction

Material:

MC61 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC61 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Reducer Type:

MC61 is available with two types Right and Left upon your request.

Pattern Option:

MC61 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

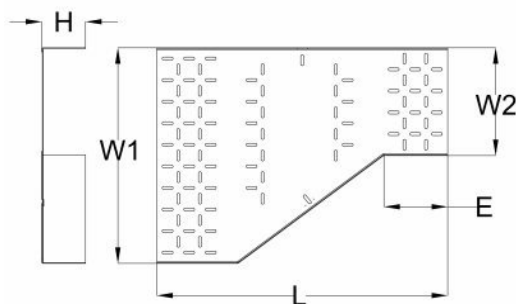
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC61 is offered with various sizes.
Width 1 starting from 100 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Length is 500 mm minimum.

*Other sizes are available upon request.

MC62- Side Cornered Reducer (Type B)



Ordering Code

Product Code : MC62 - M TH FLG RDT PAT F - W1 x H x W2

Material	
Thickness	
Flange	
Reducer Type	
Pattern State	
Finishing	
Width 1	
Height	
Width 2	

Description

- Used to collect cables from large width to small width or vice versa.
- Welding increases part strength.
- Fittings are provided with covers upon request.

Construction

Material:

MC62 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC62 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Reducer Type:

MC62 is available with two types Right and Left upon your request.

Pattern Option:

MC62 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

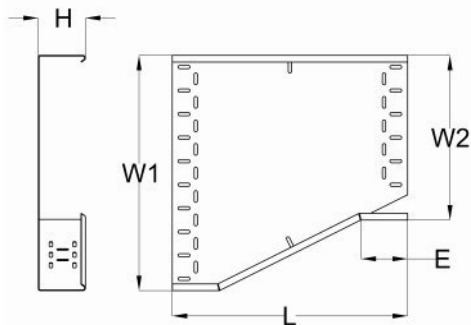
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC62 is offered with various sizes.
Width 1 starting from 100 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Length is 500 mm minimum.

*Other sizes are available upon request.

MC63- Side Cornered Reducer (Type C)



Ordering Code

Product Code : MC63 - M TH FLG RDT PAT F - W1 x H x W2

Material	
Thickness	
Flange	
Reducer Type	
Pattern State	
Finishing	
Width 1	
Height	
Width 2	

Description

- Used to collect cables from large width to small width or vice versa.
- Welding increases part strength.
- Fittings are provided with covers upon request.

Construction

Material:

MC63 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MC63 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

Please refer to page 9.

Reducer Type:

MC63 is available with two types Right and Left upon your request.

Pattern Option:

MC63 is offered with several pattern options Solid, Wide and Staggered. Please refer to page 9.

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MC63 is offered with various sizes.
Width 1 starting from 100 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Length is 500 mm minimum.

*Other sizes are available upon request.

MD01- Straight Divider

Description

- Used when cable separation is needed, as required by the National Electrical Code (NEC).

Construction

Material:

MD01 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MD01 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Slot Orientation:

MD01 is offered with two type Aligned and Normal oblongs
Oblong Size is 25x7mm.

Pattern:

MD01 is offered with two type Narrow and Wide series.

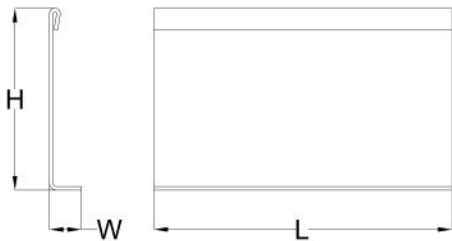
Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint.
Different packaging option is available upon request.

Size:

MD01 is offered with various sizes Suitable for cable tray height starting from 25 up to 150 mm.
Length starting from 200 up to 4000 mm.
W = 23 mm for Aligned slot orientation
W = 41 mm for Normal slot orientation.

*Other sizes are available upon request.



Ordering Code

Product Code : MD01 - M TH SLO PAT F - H x L

Material

Thickness

Slot Orientation

Pattern

Finishing

Height

Length

1

2

3

4

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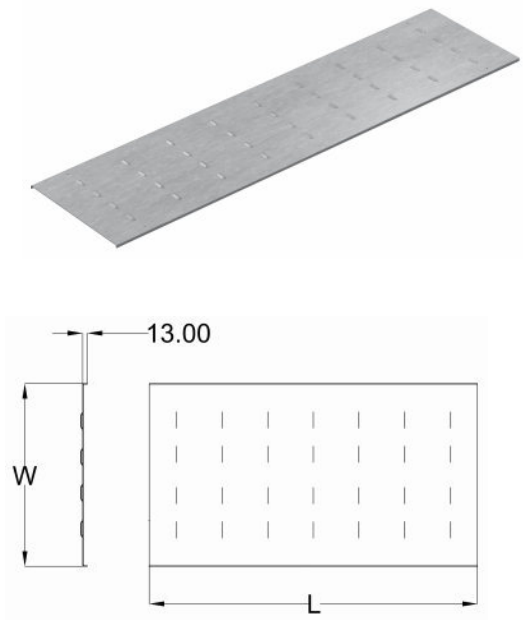


System Covers



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2
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4
5

MV01- Straight Cable Tray Cover



Ordering Code

Product Code :	MV01	-	M	TH	PAT	CF	F	-	W	x	L
Material											
Thickness											
Pattern State											
Cable Tray Flange											
Finishing											
Width											
Length											

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV01 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV01 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5mm.

Pattern Option:

MV01 is offered with two different patterns Solid and Louvered.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

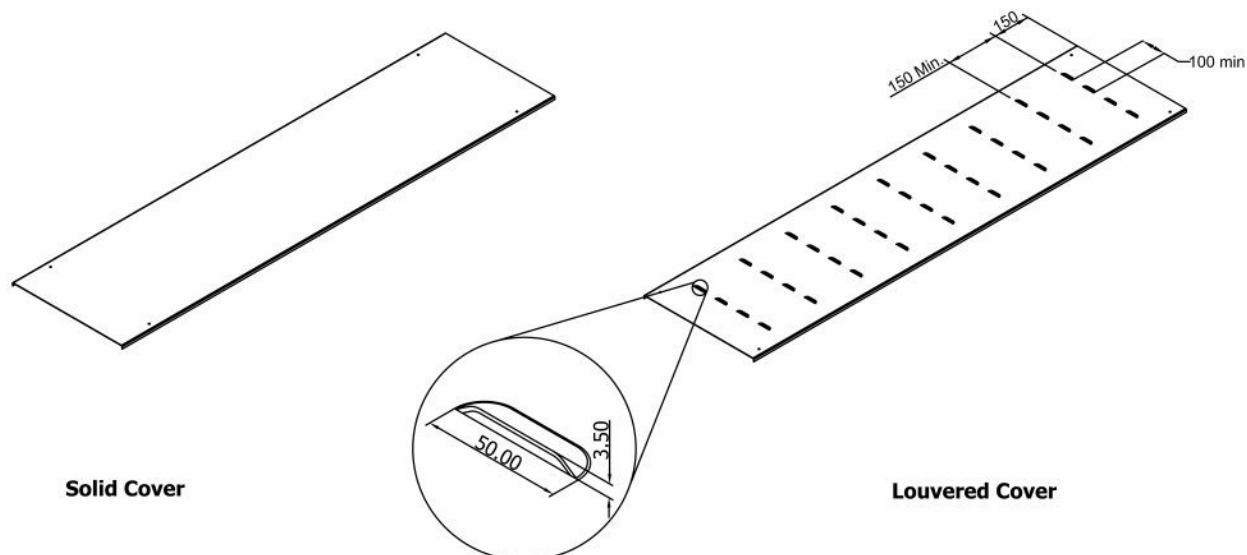
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

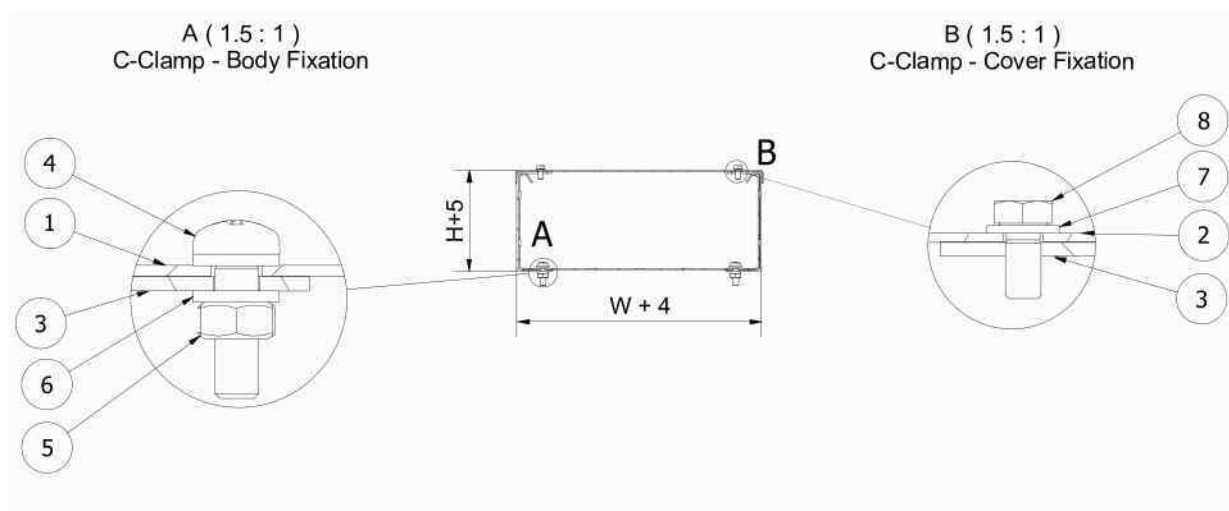
MV01 is offered with various sizes.
Width starting from 100 up to 900 mm.
Length starting from 200 up to 4000 mm.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

Cover- Pattern option

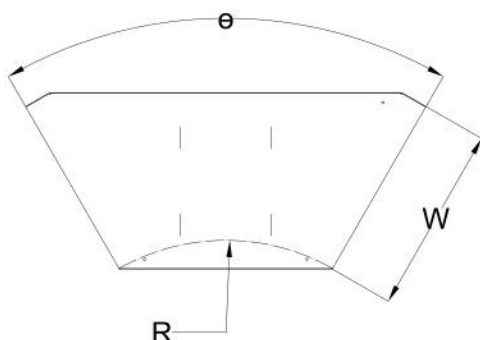
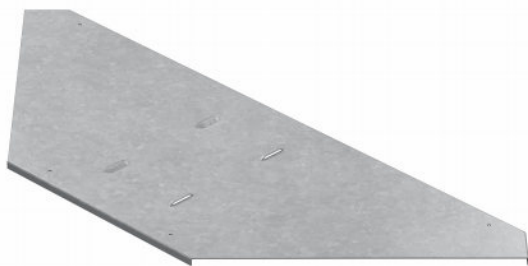


Schematic Drawing for Cover Assembly



1	Cable Tray Body	2	Cover
3	MA71 C-CLAMP	4	Fastner
5	Hexagon Nut	6	Washer
7	washer	8	Hexagonal screw

MV11 -Cornered Bend Cover (Type A)



Ordering Code

Product Code : MV11 - M TH PAT CF F - W x R x θ

Material								
Thickness								
Pattern State								
Cable Tray Flange								
Finishing								
Width								
Radius								
Angle								

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV11 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV11 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV11 is offered with two different patterns Solid and Louvered, for More detail about louver dimensions please refer to pager no. 39.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

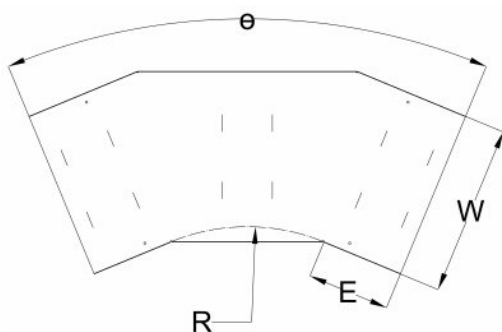
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV11 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°.
Width starting from 100 up to 900 mm.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV12- Cornered Bend Cover (Type B)



Ordering Code

Product Code : MV12 - M TH PAT CF F - W x R x θ

Material

Thickness

Pattern State

Cable Tray Flange

Finishing

Width

Radius

Angle

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV12 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV12 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV12 is offered with two different patterns Solid and Louvered, for More detail about louver dimensions please refer to pager no. 39.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV12 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°. Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV13- Cornered Bend Cover (Type C)

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV13 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV13 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV13 is offered with two different patterns Solid and Louvered, for More detail about louver dimensions please refer to pager no. 39.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV13 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°. Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

Ordering Code

Product Code : MV13 - M TH PAT CF F - W x R x Θ

Material

Thickness

Pattern State

Cable Tray Flange

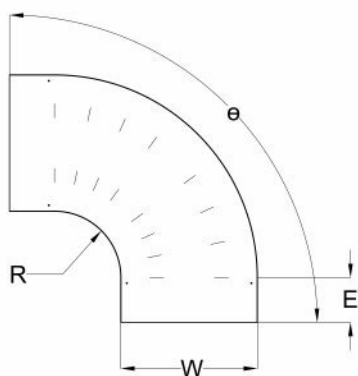
Finishing

Width

Radius

Angle

MV14- Curved Bend Cover



Ordering Code

Product Code : MV14 - M TH PAT F - W x R x Θ

Material						
Thickness						
Pattern State						
Finishing						
Width						
Radius						
Angle						

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV14 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV14 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV14 is offered with two different patterns Solid and Louvered. For More detail about louver dimensions please refer to pager no. 39.

Finish:

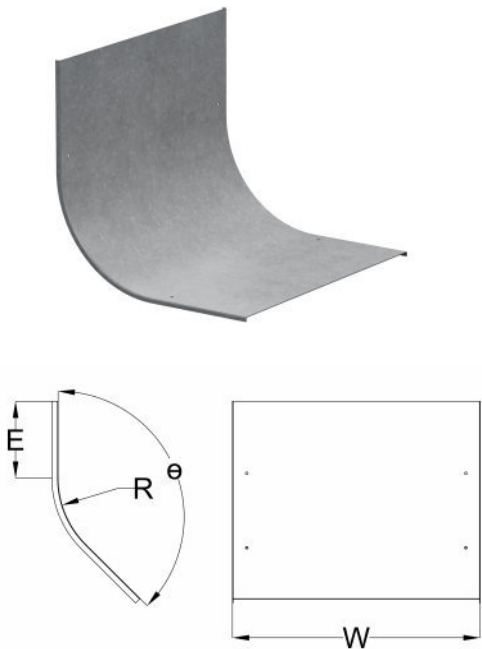
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV14 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°. Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Cover Flange Height is 10mm.

*Other sizes are available upon request.

MV21-Curved Inside Riser Cover



Ordering Code

Product Code : MV21 - M TH PAT F - W x R x Θ

Material

Thickness

Pattern State

Finishing

Width

Radius

Angle

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV21 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV21 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV21 is offered with two different patterns Solid and Louvered.

Finish:

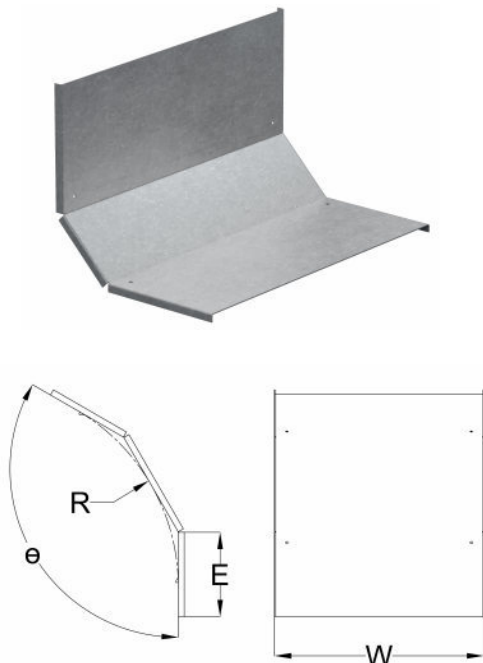
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV21 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°. Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Cover Flange Height is 10mm.

* Other sizes are available upon request.

MV22- Cornered Inside Rise Cover



Ordering Code

Product Code : MV22 - M TH PAT CF F - W x R x Θ

Material									
Thickness									
Pattern State									
Cable Tray Flange									
Finishing									
Width									
Radius									
Angle									

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV22 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV22 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV22 is offered with two different patterns Solid and Louvered.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

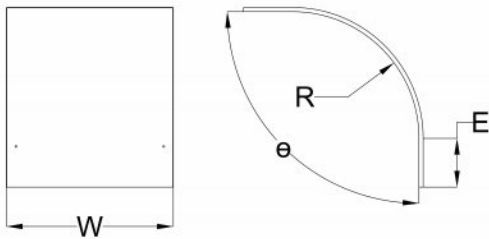
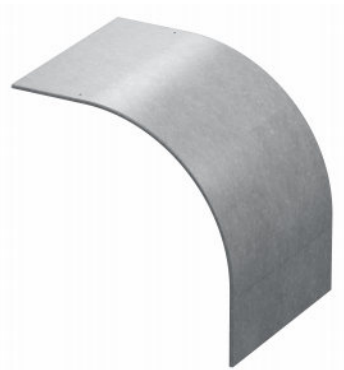
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV22 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°. Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV23- Curved Outside Riser Cover



Ordering Code

Product Code :	MV23	-	M	TH	PAT	F	-	W	x	R	x	θ
Material												
Thickness												
Pattern State												
Finishing												
Width												
Radius												
Angle												

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV23 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV23 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV23 is offered with two different patterns Solid and Louvered.

Finish:

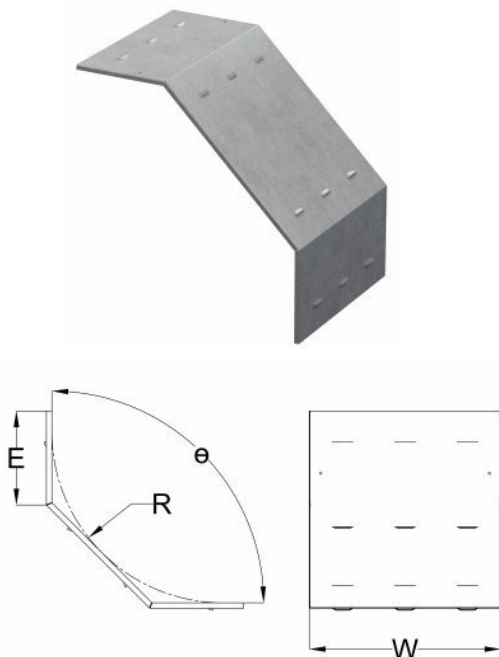
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV23 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°. Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Cover Flange Height is 10mm.

*Other sizes are available upon request.

MV24- Cornered Outside Riser Cover



Ordering Code

Product Code : MV24 - M TH PAT CF F - W x R x θ

Material									
Thickness									
Pattern State									
Cable Tray Flange									
Finishing									
Width									
Radius									
Angle									

Description

- covers a e typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be p otedcted from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV24 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV24 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Pattern Option:

MV24 is offered with two different patterns Solid and Louvered.

Finish:

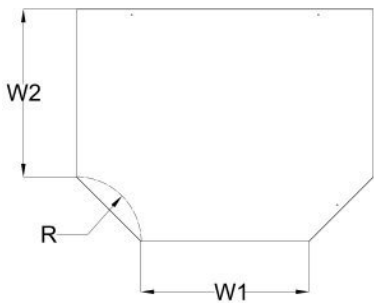
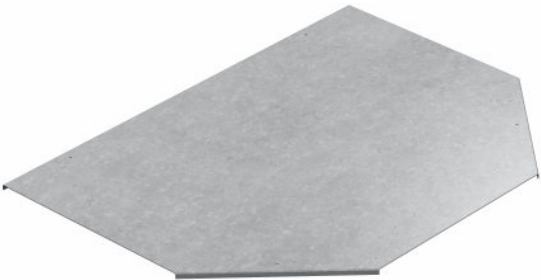
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV24 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Angle starting from 30° up to 90°. Width starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV31- Cornered Horizontal Tee Cover (Type A)



Ordering Code

Product Code : MV31 - M TH PAT CF F - W1 x R x W2

Material

Thickness

Pattern State

Cable Tray Flange

Finishing

Width 1

Radius

Width 2

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV31 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV31 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV31 is offered with two different patterns Solid and Louvered.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

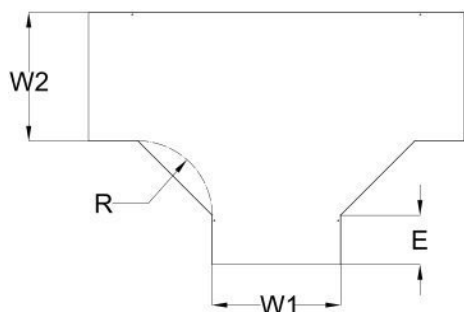
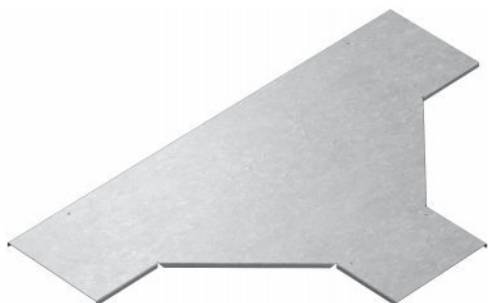
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV31 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 100 up to 900 mm.
Width 2 starting from 100 up to 900 mm.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV32- Cornered Horizontal Tee Cover (Type B)



Ordering Code

Product Code : MV32 - M TH PAT CF F - W1 x R x W2

Material									
Thickness									
Pattern State									
Cable Tray Flange									
Finishing									
Width 1									
Radius									
Width 2									

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV32 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV32 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV32 is offered with two different patterns Solid and Louvered.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

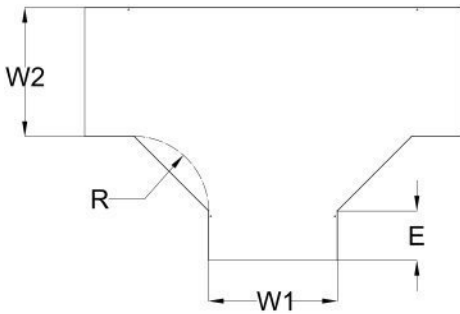
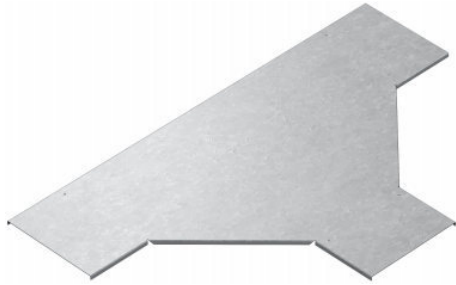
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV32 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 100 up to 900 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV33- Cornered Horizontal Tee Cover (Type C)



Ordering Code

Product Code : MV33 - M TH PAT CF F - W1 x R x W2

Material								
Thickness								
Pattern State								
Cable Tray Flange								
Finishing								
Width 1								
Radius								
Width 2								

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV33 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV33 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV33 is offered with two different patterns Solid and Louvered.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

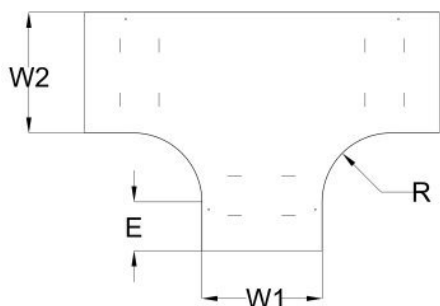
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV33 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 100 up to 900 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV34- Curved Horizontal Tee Cover



Ordering Code

Product Code : MV34 - M TH PAT F - W1 x R x W2

Material					
Thickness					
Pattern State					
Finishing					
Width 1					
Radius					
Width 2					

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV34 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV34 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV34 is offered with two different patterns Solid and Louvered.

Finish:

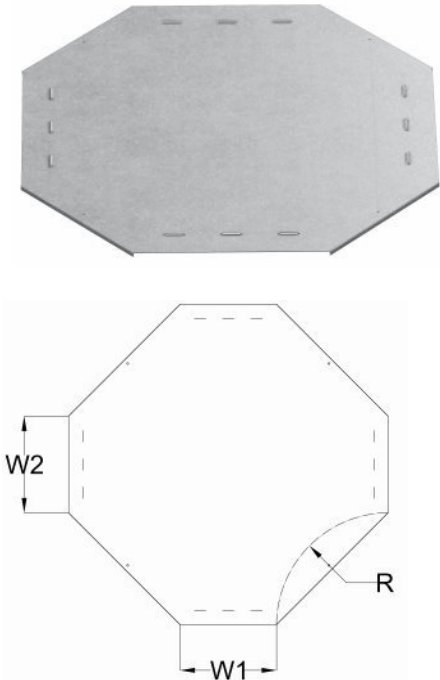
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV34 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 100 up to 900 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Cover Flange Height is 10mm.

*Other sizes are available upon request.

MV41- Cornered Cross Cover (Type A)



Ordering Code

Product Code : MV41 - M TH PAT CF F - W1 x R x W2

Material	
Thickness	
Pattern State	
Cable Tray Flange	
Finishing	
Width 1	
Radius	
Width 2	

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV41 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV41 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV41 is offered with two different patterns Solid and Louvered.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

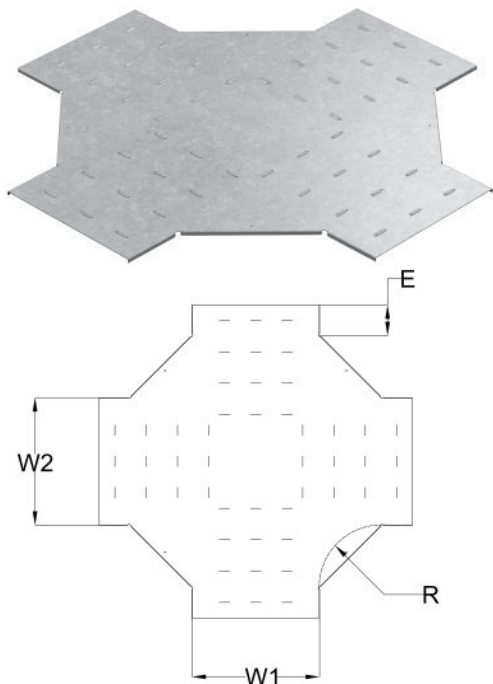
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV41 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 150 up to 900 mm.
Width 2 starting from 150 up to 900 mm.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV42- Cornered Cross Cover (Type B)



Ordering Code

Product Code : MV42 - M TH PAT CF F - W1 x R x W2

Material	
Thickness	
Pattern State	
Cable Tray Flange	
Finishing	
Width 1	
Radius	
Width 2	

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV42 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV42 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV42 is offered with two different patterns Solid and Louvered.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

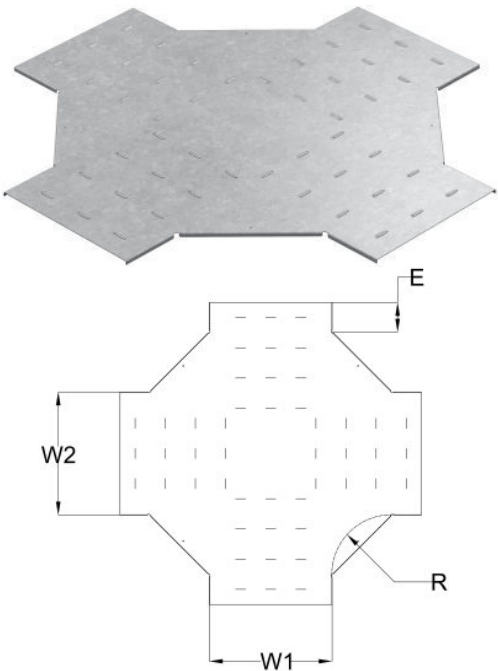
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV42 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 100 up to 900 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV43- Cornered Cross Cover (Type C)



Ordering Code

Product Code : MV43 - M TH PAT CF F - W1 x R x W2

Material	
Thickness	
Pattern State	
Cable Tray Flange	
Finishing	
Width 1	
Radius	
Width 2	

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV43 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV43 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV43 is offered with two different patterns Solid and Louvered.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

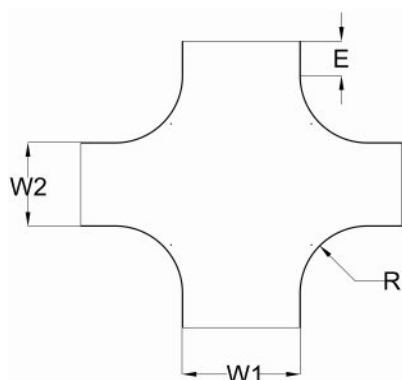
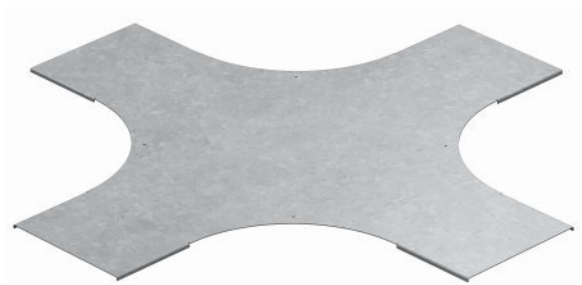
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV43 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 100 up to 900 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV44- Curved Cross Cover



Ordering Code

Product Code : MV44 - M TH PAT F - W1 x R x W2

Material	
Thickness	
Pattern State	
Finishing	
Width 1	
Radius	
Width 2	

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV44 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV44 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV44 is offered with two different patterns Solid and Louvered.

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

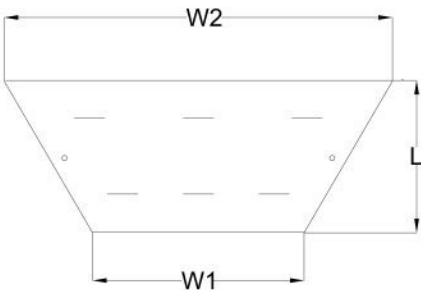
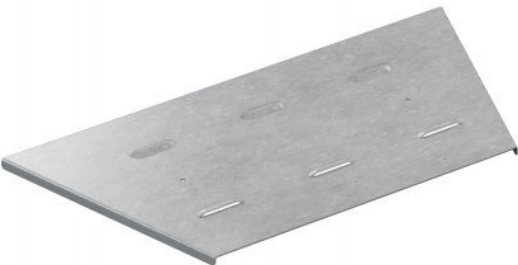
Size:

MV44 is offered with various sizes.
Radius starting from 300 up to 900 mm.
Width 1 starting from 100 up to 900 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.

Cover Flange Height is 10mm.

*Other sizes are available upon request.

MV51- Central Cornered Reducer Cover (Type A)



Ordering Code

Product Code : MV51 - M TH PAT CF F - W1 x W2

Material					
Thickness					
Pattern State					
Cable Tray Flange					
Finishing					
Width 1					
Width 2					

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV51 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV51 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV51 is offered with two different patterns Solid and Louvered.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

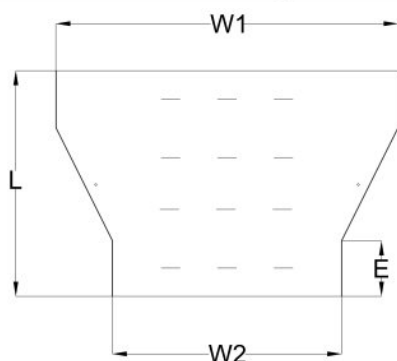
Size:

MV51 is offered with various sizes.
Width 1 starting from 150 up to 900 mm.
Width 2 starting from 150 up to 900 mm.
Length is 300 mm.

Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV52- Central Cornered Reducer Cover (Type B)



Ordering Code

Product Code : MV52 - M TH PAT CF F - W1 x W2

Material

Thickness

Pattern State

Cable Tray Flange

Finishing

Width 1

Width 2

Description

- covers are typically added when additional cable protection is required.
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV52 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV52 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV52 is offered with two different patterns Solid and Louvered.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

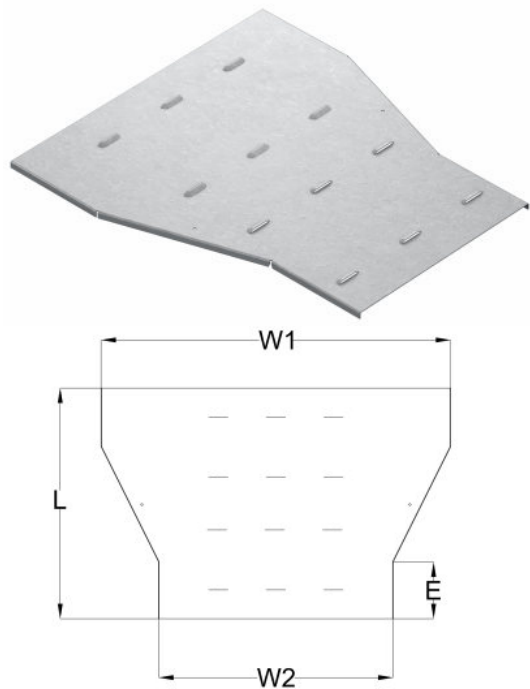
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV52 is offered with various sizes.
Width 1 starting from 100 up to 900 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Length is 500 mm minimum.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV53- Central Cornered Reducer Cover (Type C)



Ordering Code

Product Code : MV53 - M TH PAT CF F - W1 x W2

Material					
Thickness					
Pattern State					
Cable Tray Flange					
Finishing					
Width 1					
Width 2					

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV53 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV53 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Pattern Option:

MV53 is offered with two different patterns Solid and Louvered.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

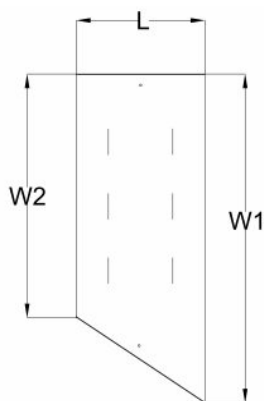
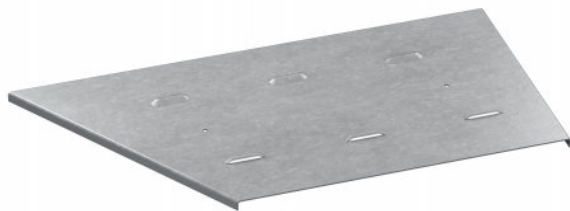
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV53 is offered with various sizes.
Width 1 starting from 150 up to 900 mm.
Width 2 starting from 150 up to 900 mm.
Extension minimum value is 100 mm.
Length is 500 mm minimum.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV61- Side Cornered Reducer Cover (Type A)



Ordering Code

Product Code : MV61 - M TH RDT PAT CF F - W1 x W2

Material

Thickness

Reducer Type

Pattern State

Cable Tray Flange

Finishing

Width 1

Width 2

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV61 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV61 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Reducer Type:

MV61 is offered with two different reducer Right and Left.

Pattern Option:

MV61 is offered with two different patterns Solid and Louvered.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

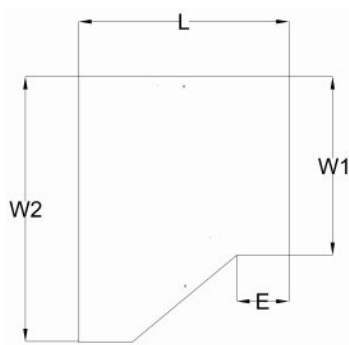
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV61 is offered with various sizes.
Width 1 starting from 100 up to 900 mm.
Width 2 starting from 100 up to 900 mm.
Length is 300 mm.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV62- Side Cornered Reducer Cover (Type B)



Ordering Code

Product Code : MV62 - M TH RDT PAT CF F - W1 x W2

Material	
Thickness	
Reducer Type	
Pattern State	
Cable Tray Flange	
Finishing	
Width 1	
Width 2	

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV62 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV62 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Reducer Type:

MV62 is offered with two different reducer Right and Left.

Pattern Option:

MV62 is offered with two different patterns Solid and Louvered.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

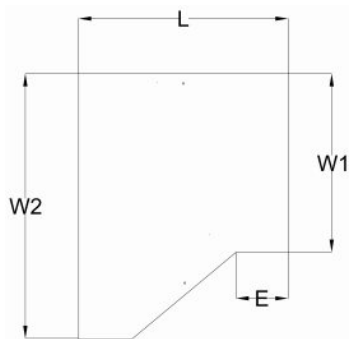
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV62 is offered with various sizes.
Width 1 starting from 100 up to 900 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Length is 500 mm minimum.
Cover Flange Height is 13mm.

*Other sizes are available upon request.

MV63- Side Cornered Reducer Cover (Type C)



Ordering Code

Product Code : MV63 - M TH RDT PAT CF F - W1 x W2

Material

Thickness

Reducer Type

Pattern State

Cable Tray Flange

Finishing

Width 1

Width 2

Description

- covers are typically added when additional cable protection is required .
- It is recommended to install covers the first six feet of a cable tray system extending vertically from a floor penetration.
- Cables should always be protected from possible falling objects.
- Covers come with louvered option for more air ventilation.

Construction

Material:

MV63 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MV63 is offered with different thicknesses 0.8, 1.0, 1.2 and 1.5 mm.

Reducer Type:

MV63 is offered with two different reducer Right and Left.

Pattern Option:

MV63 is offered with two different patterns Solid and Louvered.

Cable Tray Flange option:

Cover design suitable for the corresponding Cable Tray Flange option.

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MV63 is offered with various sizes.
Width 1 starting from 100 up to 900 mm.
Width 2 starting from 100 up to 900 mm.
Extension minimum value is 100 mm.
Length is 500 mm minimum.
Cover Flange Height is 13mm.

*Other sizes are available upon request.



System Accessories



Bolts, Nuts and Washers



Description

MA01	Electroplating galvanized Carriage bolts, DIN 603.
MA02	Electroplating galvanized bolts, DIN 933, DIN 6921, DIN 7045
MA03	Electroplating galvanized nuts, DIN 934, DIN 6923.
MA04	Electroplating galvanized washer, DIN 125-1A, DIN 128.
MA05	Hot dipped galvanized Carriage bolts, DIN 603.
MA06	Hot dipped galvanized bolts, DIN 933, DIN 6921, DIN 7045.
MA07	Hot dipped galvanized nuts, DIN 934, DIN 6923.
MA08	Hot dipped galvanized washers, DIN 125-1A, DIN 128.
MA09	Stainless steel Carriage bolts, DIN 603.
MA10	Stainless steel 304 bolts, DIN 933, DIN 6921, DIN 7045.
MA11	Stainless steel 304 nuts, DIN 934, DIN 6923.
MA12	Stainless steel 304 washers, DIN 125-1A, DIN 128.

MA23- THREADED RODS



Description

MA23 are supplied with various material Galvanized steel. G90 accordance with ASTM A653 and Stainless steel 304 in accordance with ASTM A240.

MA23 are supplied with different diameters (M6, M8, M10, M12, M16 and M20).

*Available length is 3 meters.

MA24-Angle Bars



Description

MA24 are supplied with various material Galvanized steel G90 accordance with ASTM A653 and Stainless steel 304 in accordance with ASTM A240.

MA24 are supplied with oblong (cut) 30x12 equally spaced 150mm along the length.

MA24 are supplied with different sizes:

- 25x25x2.5 and 3.0mm
- 30x30x3.0 mm
- 40x40x3.0 and 4.0mm
- 50x50x3.0, 4.0 and 5.0 mm
- 60x60x5.0 and 6.0 mm

*Available length is 3 meters

MA29- ADHESIVE TAPES

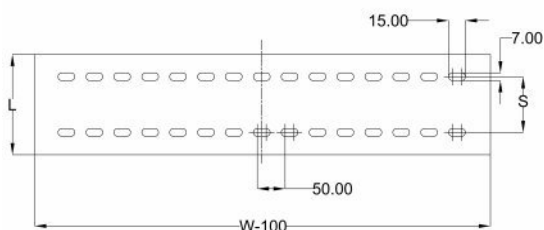


Description

MA29 are one side self-adhesive used to cover the separation between two cable tray covers.

- 1 - GASKT-ADH_TAPE-AL-48mm X 50 Yard
- 2 - GASKT-ADH_TAPE-48mm X 50 Yard

MA61- Fish Plate



Ordering Code

Product Code : MA61 - M TH F - W x L

Material

Thickness

Finishing

Tray Width

Length

Description

- Used for Straight connection between cable tray.

Construction

Material:

MA61 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MA61 is offered with different thicknesses - from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MA61 is offered with various sizes.

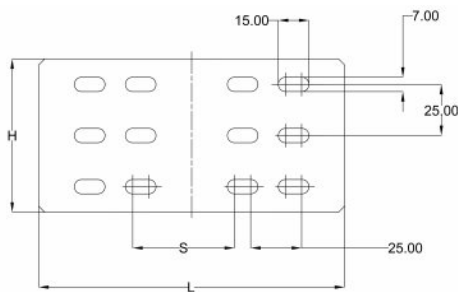
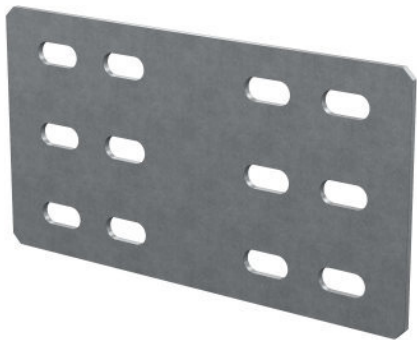
Width starting from 200 up to 900 mm,

and with different lengths according to the below table:

Length "L" (mm)	Spacing "S" (mm)
90	50
110	85
140	100

*Other sizes are available upon request.

MA62- Expansion Joint



Ordering Code

Product Code : MA62 - M TH F - H x L

Material

Thickness

Finishing

Tray Height

Length

Description

- MA62, Expansion joint is designed to help the system withstand the thermal expansion (due to temperature difference) considering the weather in the region throughout the year.

Construction

Material:

MA62 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MA62 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

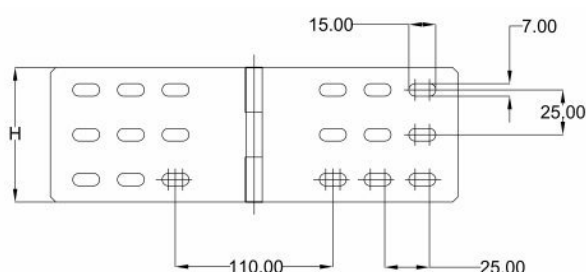
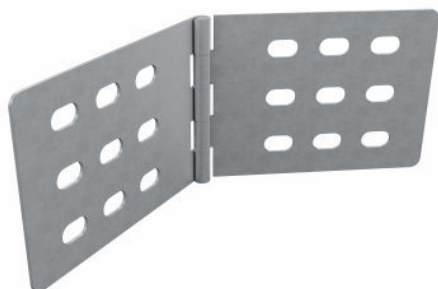
Size:

MA62 is offered with various sizes. Height starting from 25 up to 150 mm, and with different lengths according to the below table:

Length "L" (mm)	Spacing "S" (mm)
140	50
180	90
190	100

*Other sizes are available upon request.

MA63- Adjustable Horizontal Connector



Ordering Code

Product Code : MA63 - M TH F - H

Material

Thickness

Finishing

Height

Description

- For changes in Horizontal direction that not requiring a large radius, MA63 can be used.
- Designed to maximize the rigidity of the cable tray.
- Hinge Rod 5 mm diameter
- Angle less than 30 degrees.

Construction

Material:

MA63 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MA63 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Finish:

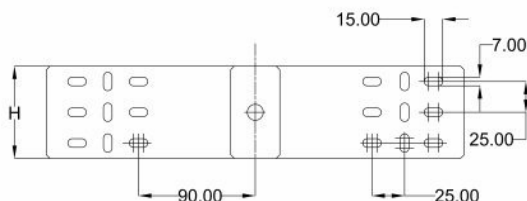
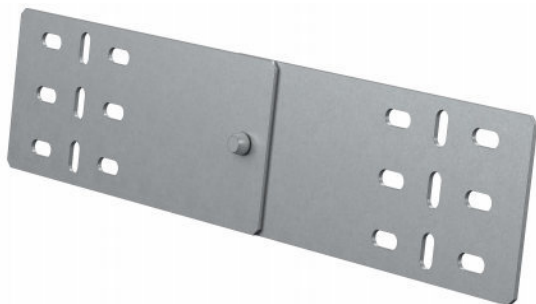
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MA63 is offered with various sizes suitable for cable tray height starting from 25 up to 150 mm.

*Other sizes are available upon request.

MA64- Adjustable Vertical Connector



Ordering Code

Product Code : MA64 - M TH F - H

Material

Thickness

Finishing

Tray Height

Description

- For changes in Vertical direction not requiring a large radius, MA64 can be used.
- designed to maximize the rigidity of the cable tray.
- Angle less than 30 degree.

Construction

Material:

MA64 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MA64 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Finish:

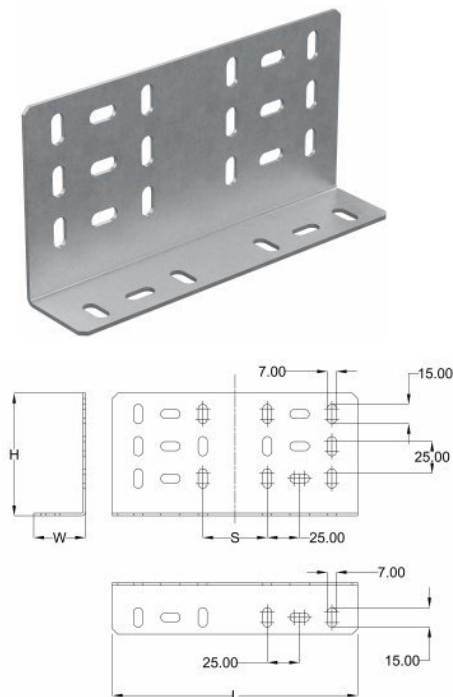
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MA64 is offered with various sizes suitable for cable tray height starting from 25 up to 150 mm.

*Other sizes are available upon request.

MA66- L-Angle connector



Ordering Code

Product Code : MA66 - M TH F - W x H x L

Material

Thickness

Finishing

Width

Tray Height

Length

Description

- Connect two trays from both side and bottom with bolts.

Construction

Material:

MA66 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MA66 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MA66 is offered with various sizes.

Height starting from 25 up to 150 mm,
Flange widths 25 mm ,40 mm and 65 mm.

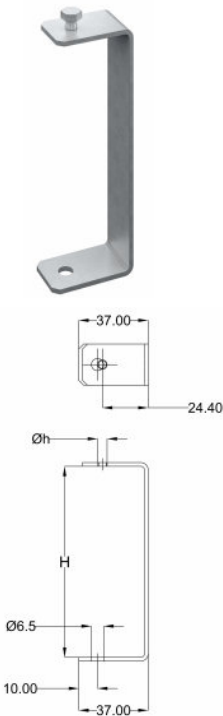
and with different lengths according to the below table:

Length "L" (mm)	Spacing "S" (mm)
185	50
225	90
235	100

*Other sizes are available upon request.

1
2
3
4
5

MA71- C-Clamp



Ordering Code

Product Code : MA71 - M TH h F - H

Material	
Thickness	
Threaded Hole Size	
Finishing	
Height	

Description

- Used for cover assembly with tray body.

Construction

Material:

MA71 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

- Default thickness is 2mm, other thicknesses are available upon request.

Threaded Hole:

MA71 is available with two threaded hole sizes M5 and M6

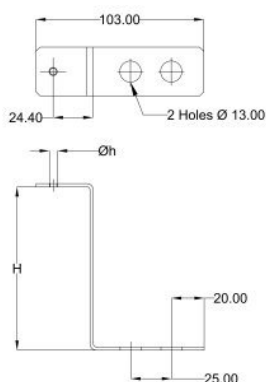
Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MA71 is offered with various sizes suitable for cable tray height starting from 25 up to 150 mm.

MA72- Z-Clamp



Ordering Code

Product Code : MA72 - M TH h F - H

Material

Thickness

Threaded Hole Size

Finishing

Height

Description

- Holds cable tray with supporting system.

Construction

Material:

MA72 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

- Default thickness is 2mm, other thicknesses are available upon request.

Threaded Hole:

MA72 is available with two threaded hole sizes M5 and M6

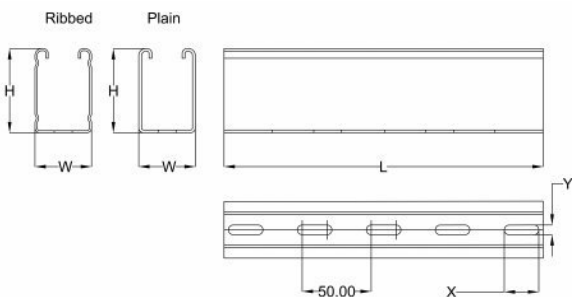
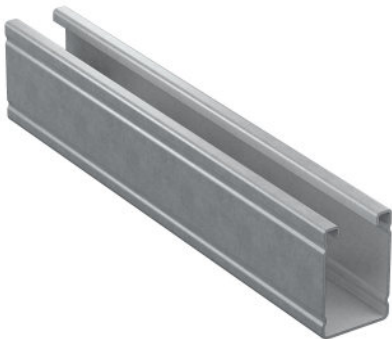
Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MA72 is offered with various sizes suitable for cable tray height starting from 25 up to 150 mm.

MA81- Single C-Channel (Strut)



Ordering Code

Product Code : MA81 - M TH FLG COR SLT F - W x H x L

Material	
Thickness	
Flange	
Corrugation Option	
Slot	
Finishing	
Width	
Height	
Length	

Description

- Used in supporting system with three option to provide high strength.
- Plain-Ribbed-Toothed.

Construction

Material:

MA81 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Rolled Black Steel in accordance with ASTM-A36 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MA81 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

MA81 is offered with different two options toothless flange and toothed flange for spring nut fixation.

Corrugation Option:

MA81 is offered with two different options plain for moderate load and ribbed option for heavy load. .

Slot Option:

MA81 is offered with two different options solid and slotted with two different slot size (11X25) & (13X30).

Finish:

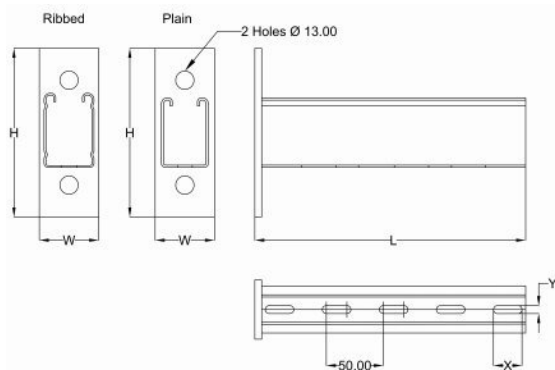
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MA81 is offered with various sizes
Width is 41 mm.
Height starting from 21, 41 and 61 mm.
Length starting from 200 up to 4000 mm.

*Other sizes are available upon request.

Description



Construction

MA82 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Rolled Black Steel in accordance with ASTM-A36 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

MA82 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

MA82 is offered with different two option toothless flange and toothed flange for spring nut fixation.

MA82 is offered with two different options plain for moderate load and ribbed option for heavy load.

MA82 is offered with two different options solid and slotted with two different slot size (11X25) & (13X30) mm.

Different finish is offered, Electrostatic powder coating, or Primer paint.
Different packaging option is available upon request.

MA82 is offered with various sizes
Width is 51 mm.
Strut Heights are 21, 41 and 61 mm.
Bracket Height are 80, 100 and 120 mm.
Length starting from 150 up to 1000 mm.

*Other sizes are available upon request.

Material

Thickness

Flange

Corrugation Option

Slot

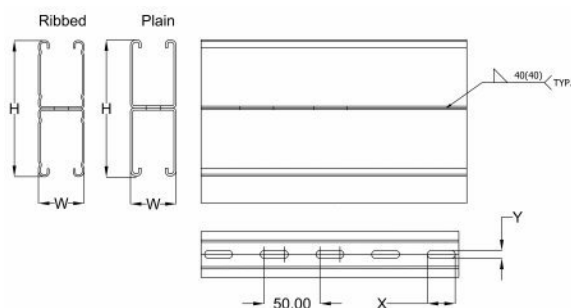
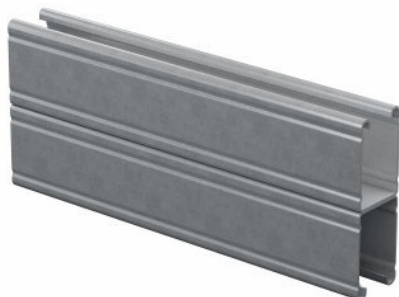
Finishing

Width

Height

Length

MA83- Double C-Channel (Strut)



Ordering Code

Product Code : MA83 - M TH FLG COR SLT F - W x H x L

Material									
Thickness									
Flange									
Ribbed Option									
Slot									
Finishing									
Width									
Height									
Length									

Description

- Used in supporting system with three option to provide high strength
- Plain-Ribbed-Toothed.
- Can endure higher loads.

Construction

Material:

MA83 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Rolled Black Steel in accordance with ASTM-A36 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MA83 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

MA83 is offered with different two option toothless flange and toothed flange for spring nut fixation.

Corrugation Option:

MA83 is offered with two different options plain for moderate load and ribbed option for heavy load.

Slot Option:

MA83 is offered with two different options solid and slotted with two different slot size (11X25) & (13X30).

Finish:

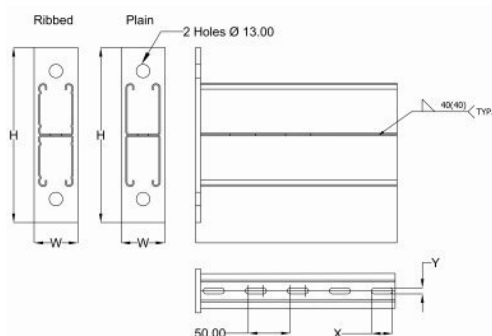
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MA83 is offered with various sizes
Width is 41 mm.
Height starting from 42, 82 and 122 mm.
Length starting from 200 up to 4000 mm

*Other sizes are available upon request.

MA84- Double Cantilever Arm



Ordering Code

Product Code : MA84 - M TH FLG COR SLT F - W x H x L

Material									
Thickness									
Flange									
Corrugation Option									
Slot									
Finishing									
Width									
Height									
Length									

Description

- Used in supporting system to hold cable tray to nearest wall (wall-mounting)
- Can endure higher loads.

Construction

Material:

MA84 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Rolled Black Steel in accordance with ASTM-A36 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MA84 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Flange Option:

MA84 is offered with different two option toothless flange and toothed flange for spring nut fixation.

Corrugation Option:

MA84 is offered with two different options plain for moderate load and ribbed option for heavy load.

Slot Option:

MA84 is offered with two different options solid and slotted with two different slot size (11X25) & (13X30) mm.

Finish:

Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

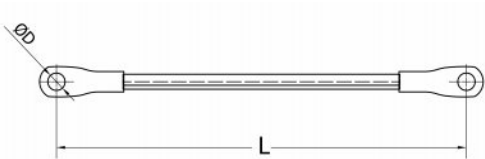
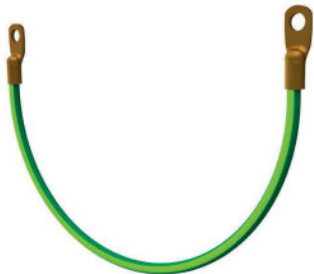
Size:

MA84 is offered with various sizes
Width is 51 mm.
Strut Heights are 21, 41 and 61 mm.
Bracket Height varies from 100 mm up to 180 mm.
Length starting from 200 up to 1000 mm.

*Other sizes are available upon request.

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MA91- Earthing Jumper



Description

- Used for grounding cable tray.

Construction

Cable Size:
MA91 is offered with different cable cross section area sizes start from 4 mm² to 20 mm² based on agreed schedule.

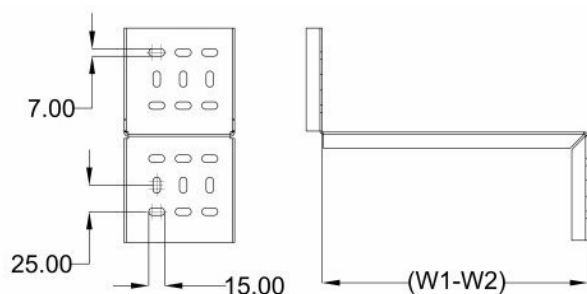
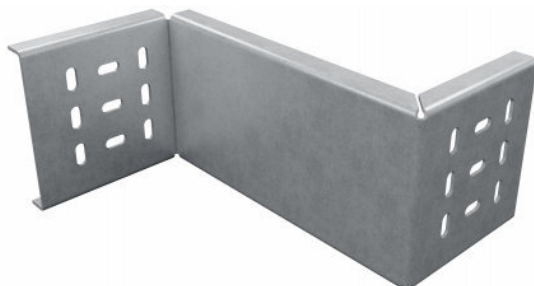
Stud Hole:
MA91 is offered with 6.5 mm stud hole size.

Length:
MA91 is offered with length starting from 100 up to 300 mm.

Ordering Code

Product Code : MA91 - CS STD x L		
Cable Size		
Stud Hole Diameter		
Length		

MA92- Sharp Reducer



Ordering Code

Product Code : MA92 - M TH F - W1 x H x W2

Material	
Thickness	
Finishing	
Width 1	
Height	
Width 2	

Description

- To connect two cable trays with two different widths.

Construction

Material:

MA92 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MA92 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Finish:

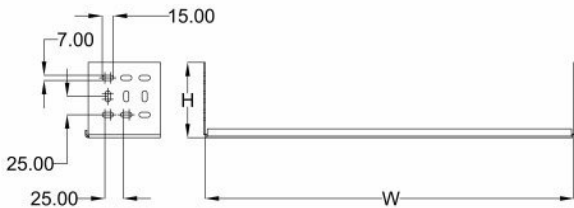
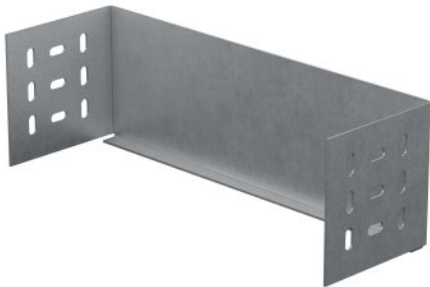
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MA92 is offered with various sizes.
Width 1 starting from 100 up to 900 mm.
Height starting from 25 up to 150 mm.
Width 2 starting from 100 up to 900 mm.

*Other sizes are available upon request.

MA93- End Cover



Ordering Code

Product Code : MA93 - M TH F - W x H

Material

Thickness

Finishing

Width

Height

Description

- Used to secure ends of cable tray line.

Construction

Material:

MA93 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MA93 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Finish:

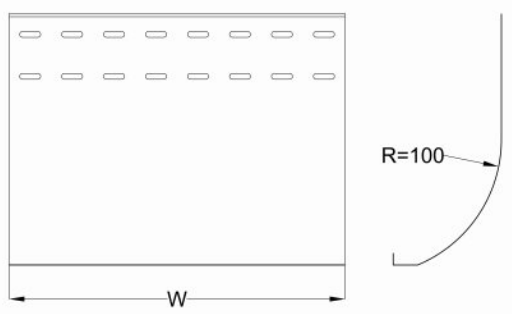
Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MA93 is offered with various sizes.
Height starting from 25 up to 150 mm.
Width starting from 100 up to 900 mm.

*Other sizes are available upon request.

MA94- Drop out Plate



Ordering Code

Product Code : MA94 - M TH F - W

Material

Thickness

Finishing

Width

Description

- The drop-outs provide a smooth surface to protect the cable insulation as it exits the cable tray.

Construction

Material:

MA94 is supplied with various material Galvanized steel G90 and G115 in accordance with ASTM A653, Black Steel in accordance with ASTM A366 with electrostatic powder coating primer paint, Hot Dipped Galvanized steel (in accordance with ASTM A385, applied after fabrication, with local coat thickness 45 microns), Stainless steel 304 and 316 in accordance with ASTM A240 and Aluminum Alloy 3003-H14 in accordance with ASTM B209.

*Other materials, coatings or finish type are available upon request.

Thickness:

MA94 is offered with different thicknesses -from Ga. 20 (1.0 mm) to Ga. 13 (2.5 mm).

Finish:


Different finish is offered, Electrostatic powder coating, or Primer paint. Different packaging option is available upon request.

Size:

MA94 is offered with various sizes. Width starting from 100 up to 900 mm.

*Other sizes are available upon request.

*R= 100 mm



Cable Tray Construction

$$dx = \frac{1}{2} \int \cos^2 2x dx$$

$$\sin 2x = x, \quad \cos$$

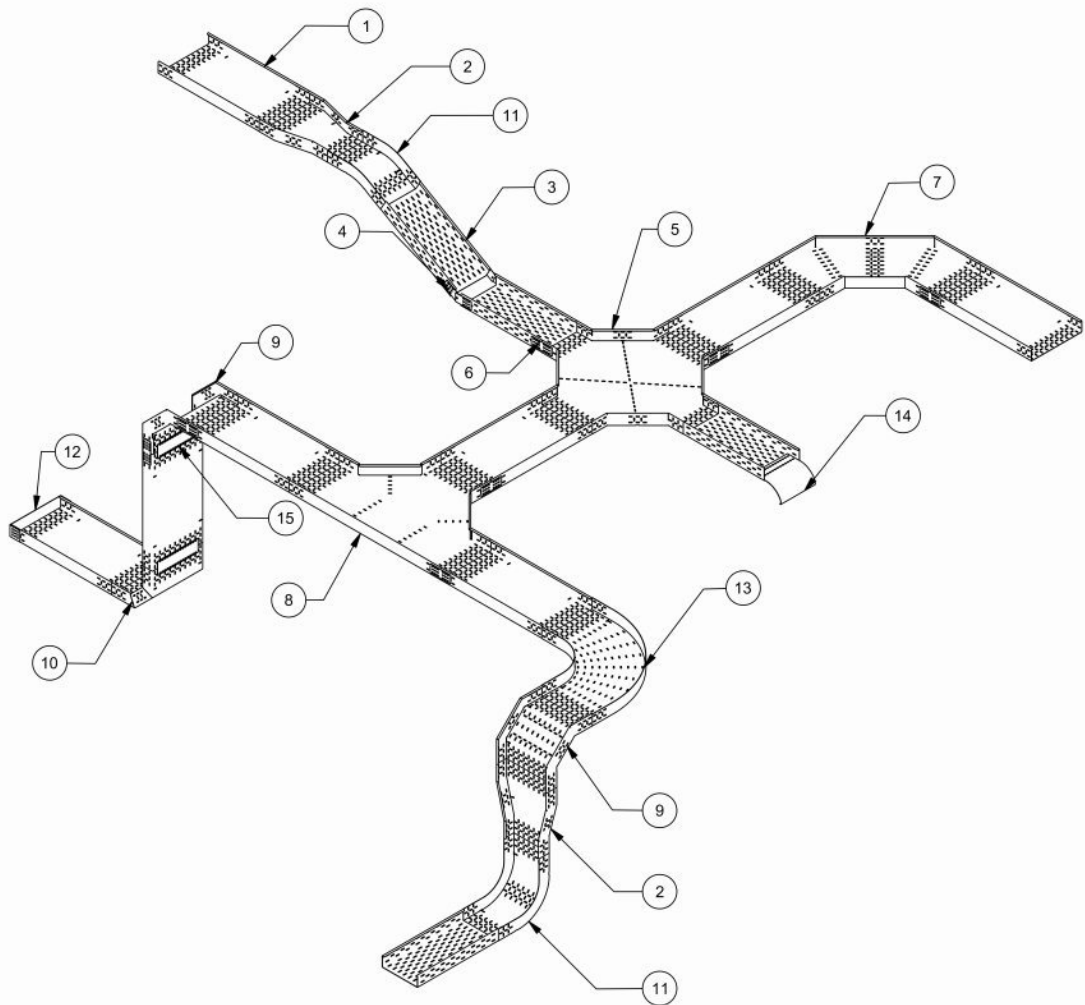
$$dt = \frac{1}{16} \int z^2 dz =$$

$$= \frac{1}{16} \cdot \frac{z^3}{3} = \frac{x}{16} \frac{\sin}{\cos}$$

$$\cos^6 x dx = \int (\sin$$

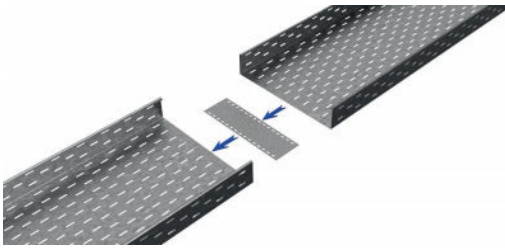


Cable Tray Construction-Schematic



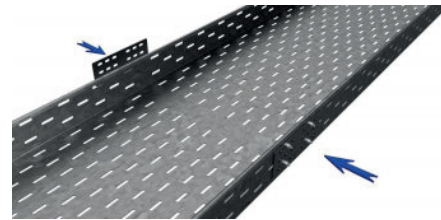
1	Straight Cable Tray	2	Central Reducer	3	Straight Cable Tray (Roll formed)
4	Adjustable Vertical Connector	5	Cross	6	Expansion Joint
7	Horizontal Bend	8	Tee Branch	9	Outside Riser
10	Inside Riser	11	Outside Riser	12	End Cover
13	Horizontal Bend	14	Drop Out	15	Fish Plate

Fish Plate



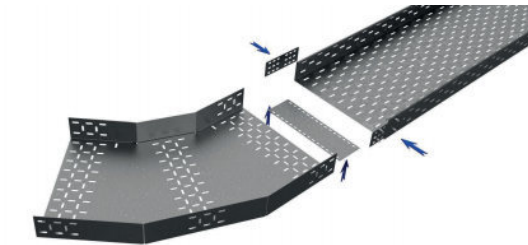
Attach Fish Plate to the cable tray bottom

Expansion Joint



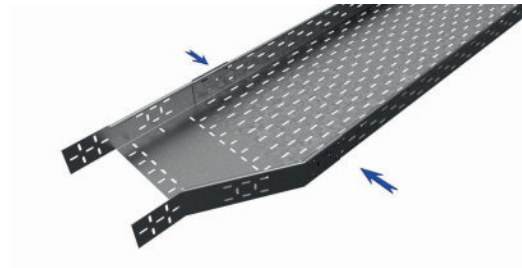
Push the Expansion Joint into the cable tray side rail, screw each side rail tight using screw, then push in the connecting tray and screw to the expansion joint.

Cornered Bend



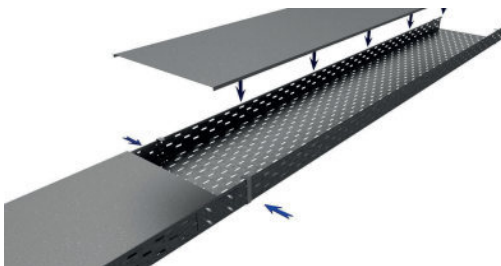
Insert the Expansion joint and fish plate, screw them to the cable tray, then attach the cornered bend.

Reducer



Insert cable tray reducer and L angle connector into the cable tray and screw together in one place per side rail.

Cover



Fasten the C- Clamp from the outside onto the cable tray, place the cover and screw.

End cover



Insert tray end cover at the end of cable trays and screw it to the side rail.

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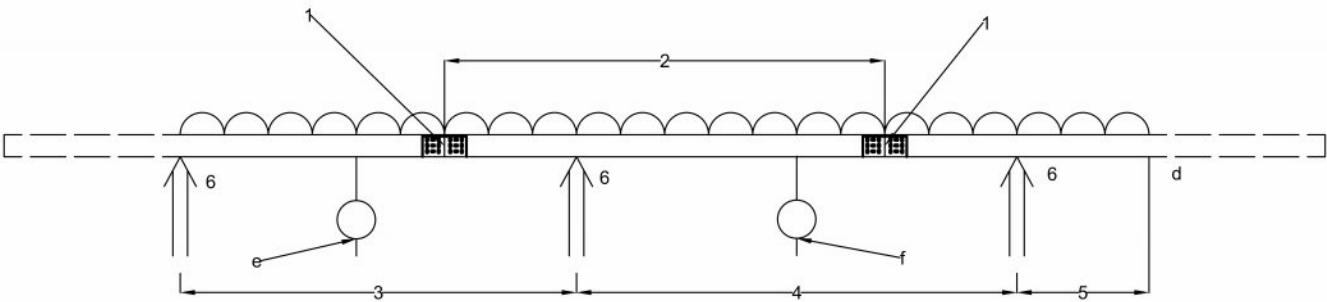
Safe working Load Test - General Arrangement

Load Tests carried out according to IEC 61537:2006 and complying with NEMA.

The loads shown on all tables are the safe recommended maximum loads that can be applied and must include wind, snow and any other external forces in addition to the cables load.

The Tables from page no. 85 up to page no. 93 showing the maximum load for tray installed at a support spacing within different ranges from 1.0 meters up to 3.0 meters.

Illustrative Drawings for Testing Load Application.



Safe working Load Test - General Arrangement

1	joint position withing each span.	2	Cable Tray Standard Length.	3	End span = L .
4	Intermediate span = L.	5	Cantilever = 0.4L.	6	Support positions.
d	End of load.	e	measuring point 1	f	measuring point 2

1

2

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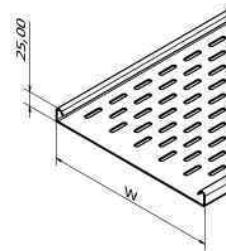
5

Cable Tray

Safe Working Load

MC01- Straight Cable Tray- Flange Height 25 mm

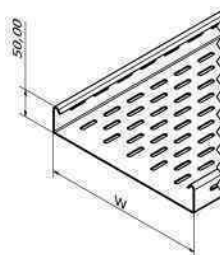
Thickness : 1.0 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	5.2	6.6	5.7	6.2	6.5	6.4	6.1	5.7	5.1	4.5
2.5 m	7.5	10.0	8.2	8.9	10.3	10.9	9.9	8.6	7.4	6.2
2.0 m	11.7	15.6	12.8	13.9	16.1	17.2	16.6	13.2	10.4	8.2
1.5 m	20.8	27.8	22.8	24.7	28.6	30.6	27.5	19.3	12.7	8.5
1.0 m	46.8	62.5	51.2	55.6	64.4	68.8	39.3	20.2	12.5	9.3

MC01- Straight Cable Tray- Flange Height 50 mm

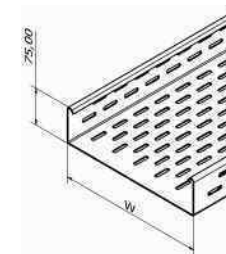
Thickness : 1.0 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	17.4	20.9	18.4	19.3	21.3	22.3	25.2	22.2	15.5	11.2
2.5 m	25.0	30.0	26.4	27.8	30.6	32.0	36.3	25.3	16.7	11.8
2.0 m	39.1	46.9	41.3	43.5	47.9	50.1	47.5	27.2	17.5	11.5
1.5 m	69.5	83.4	73.4	77.3	85.1	89.0	50.4	28.2	15.6	9.7
1.0 m	156.4	187.8	165.2	173.9	176.5	118.6	47.5	22.1	13.3	9.7

MC01- Straight Cable Tray- Flange Height 75 mm

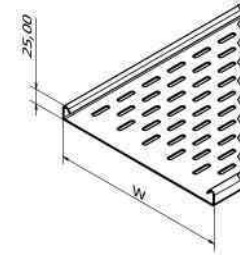
Thickness : 1.0 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	36.5	41.8	38.0	39.5	42.4	43.8	48.2	32.0	19.7	13.2
2.5 m	52.6	60.1	54.7	56.8	61.0	63.1	59.9	31.7	19.3	13.0
2.0 m	82.2	93.9	85.5	88.8	95.4	98.6	58.9	30.6	18.9	12.0
1.5 m	146.1	167.0	151.9	157.8	169.5	142.6	55.2	29.7	16.0	9.9
1.0 m	328.7	375.8	341.9	355.1	193.9	126.3	48.6	22.3	13.3	9.7

MC01- Straight Cable Tray- Flange Height 25 mm

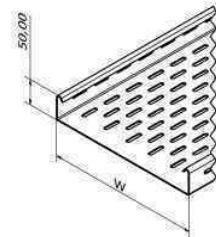
Thickness : 1.2 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	6.3	7.9	6.9	7.5	7.8	7.7	7.5	7.1	6.5	6.0
2.5 m	9.1	12.1	9.9	10.8	12.4	13.2	12.3	11.1	9.9	8.6
2.0 m	14.2	18.9	15.5	16.8	19.4	20.8	21.5	18.0	14.9	12.3
1.5 m	25.2	33.6	27.5	29.9	34.6	36.9	38.6	28.6	20.0	13.8
1.0 m	56.7	75.5	62.0	67.3	77.8	83.1	62.3	33.3	21.1	15.7

MC01- Straight Cable Tray- Flange Height 50 mm

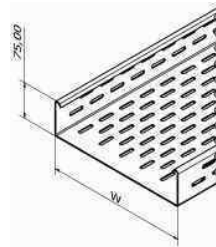
Thickness : 1.2 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	21.0	25.2	22.1	23.3	25.7	26.8	30.3	32.1	23.6	17.6
2.5 m	30.2	36.2	31.9	33.6	36.9	38.6	43.7	38.8	26.6	19.3
2.0 m	47.2	56.6	49.8	52.5	57.7	60.4	68.3	43.9	29.0	19.3
1.5 m	83.9	100.6	88.6	93.3	102.6	107.3	82.6	47.3	26.6	16.7
1.0 m	188.7	226.4	199.3	209.8	230.9	197.4	81.0	38.0	22.8	16.7

MC01- Straight Cable Tray- Flange Height 75 mm

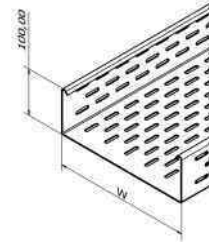
Thickness : 1.2 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	44.0	50.3	45.8	47.5	51.0	52.8	58.1	50.8	32.3	22.0
2.5 m	63.4	72.4	65.9	68.4	73.5	76.0	83.6	52.2	32.4	22.1
2.0 m	99.0	113.1	103.0	106.9	114.8	118.8	97.2	51.6	32.1	20.6
1.5 m	176.0	201.1	183.1	190.1	204.1	211.2	93.6	50.7	27.6	17.1
1.0 m	396.1	452.5	411.9	427.7	328.7	215.4	83.6	38.5	23.0	16.8

MC01- Straight Cable Tray- Flange Height 100 mm

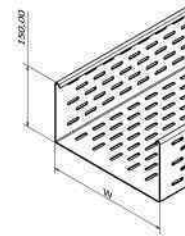
Thickness : 1.2 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	75.4	83.8	77.8	80.1	84.8	87.1	94.2	59.7	35.7	23.5
2.5 m	108.6	120.6	112.0	115.3	122.1	125.5	112.6	57.3	34.2	22.9
2.0 m	169.7	188.5	174.9	180.2	190.8	196.0	106.2	54.0	33.1	20.9
1.5 m	301.6	335.1	311.0	320.4	339.1	257.0	97.0	51.7	27.8	17.1
1.0 m	678.7	754.0	699.8	720.9	340.8	220.6	84.3	38.7	23.1	16.8

MC01- Straight Cable Tray- Flange Height 150 mm

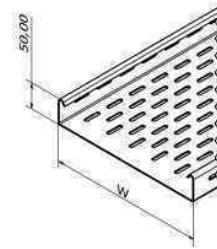
Thickness : 1.2 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	163.3	175.9	166.8	170.3	177.4	180.9	136.9	65.9	37.8	24.5
2.5 m	235.2	253.3	240.2	245.3	255.4	260.5	125.4	60.5	35.3	23.4
2.0 m	367.5	395.7	375.4	383.3	399.1	319.0	111.7	55.4	33.6	21.1
1.5 m	653.3	703.5	667.3	681.4	436.9	270.7	98.9	52.2	27.9	17.2
1.0 m	1469.9	1582.8	1501.5	1326.0	347.7	223.5	84.7	38.8	23.1	16.8

MC01- Straight Cable Tray- Flange Height 50 mm

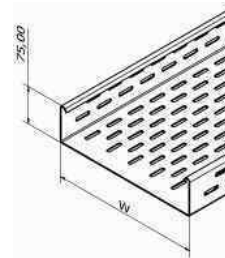
Thickness : 1.5 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	26.4	31.7	27.9	29.4	32.3	33.8	38.2	42.5	37.8	29.5
2.5 m	38.1	45.6	40.2	42.3	46.5	48.6	54.9	61.3	45.5	34.1
2.0 m	59.5	71.3	62.8	66.1	72.7	76.0	85.8	76.5	52.4	36.0
1.5 m	105.8	126.7	111.6	117.5	129.2	135.0	147.2	87.6	50.6	32.0
1.0 m	237.9	285.0	251.1	264.3	290.7	303.8	154.3	73.3	44.3	32.4

MC01- Straight Cable Tray- Flange Height 75 mm

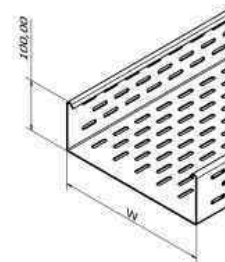
Thickness : 1.5 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	55.3	63.2	57.5	59.7	64.1	66.3	72.9	79.5	57.7	40.5
2.5 m	79.7	91.0	82.9	86.0	92.4	95.5	105.0	93.9	60.0	41.6
2.0 m	124.5	142.2	129.5	134.4	144.3	149.2	164.1	96.5	61.1	39.5
1.5 m	221.4	252.8	230.2	239.0	256.5	265.3	176.9	97.3	53.3	33.1
1.0 m	498.1	568.7	517.9	537.7	577.2	411.3	161.9	75.0	44.9	32.7

MC01- Straight Cable Tray- Flange Height 100 mm

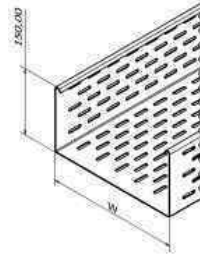
Thickness : 1.5 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	94.7	105.2	97.6	100.6	106.4	109.4	118.1	108.5	66.6	44.7
2.5 m	136.4	151.4	140.6	144.8	153.3	157.5	170.1	107.4	65.2	44.0
2.0 m	213.1	236.6	219.7	226.3	239.5	246.1	199.5	103.4	63.8	40.5
1.5 m	378.9	420.7	390.6	402.3	425.7	437.4	186.5	100.1	54.1	33.4
1.0 m	852.4	946.6	878.8	905.1	655.1	426.4	164.0	75.4	45.1	32.8

MC01- Straight Cable Tray- Flange Height 150 mm

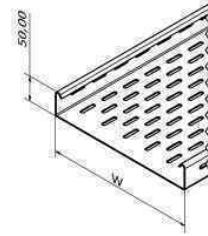
Thickness : 1.5 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	204.8	220.5	209.2	213.6	222.4	226.8	240.0	125.5	72.7	47.3
2.5 m	294.9	317.5	301.3	307.6	320.3	326.6	238.2	116.5	68.4	45.5
2.0 m	460.9	496.2	470.7	480.6	500.4	510.3	215.4	107.5	65.3	41.1
1.5 m	819.3	882.1	836.9	854.4	835.3	521.8	192.1	101.7	54.5	33.6
1.0 m	1843.4	1984.6	1883.0	1922.5	675.6	435.0	165.1	75.7	45.1	32.9

MC01- Straight Cable Tray- Flange Height 50 mm

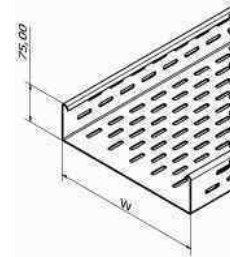
Thickness : 2.0 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	35.8	42.7	37.7	39.7	43.6	45.5	51.4	57.2	63.1	53.7
2.5 m	51.5	61.5	54.3	57.1	62.7	65.5	74.0	82.4	84.9	67.2
2.0 m	80.4	96.1	84.8	89.2	98.0	102.4	115.6	128.8	107.2	77.7
1.5 m	143.0	170.9	150.8	158.6	174.2	182.1	205.5	186.6	113.2	73.2
1.0 m	321.8	384.5	339.3	356.9	392.1	409.6	347.3	169.5	103.4	76.0

MC01- Straight Cable Tray- Flange Height 75 mm

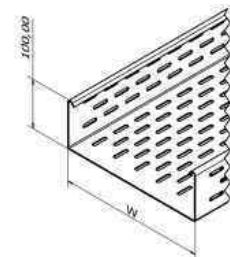
Thickness : 2.0 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	74.5	85.0	77.5	80.4	86.3	89.2	98.0	106.8	115.5	85.0
2.5 m	107.3	122.4	111.6	115.8	124.2	128.4	141.1	153.7	128.1	91.6
2.0 m	167.7	191.3	174.3	180.9	194.1	200.7	220.4	209.8	137.0	90.7
1.5 m	298.2	340.0	309.9	321.6	345.0	356.8	391.9	222.1	124.1	77.6
1.0 m	670.9	765.1	697.3	723.6	776.3	802.7	377.4	176.3	105.9	77.3

MC01- Straight Cable Tray- Flange Height 100 mm

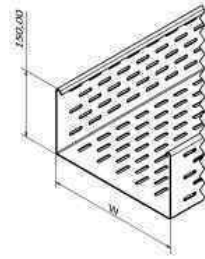
Thickness : 2.0 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	127.3	141.2	131.2	135.1	142.9	146.8	158.5	170.2	144.6	99.7
2.5 m	183.3	203.4	188.9	194.5	205.8	211.4	228.3	234.5	146.9	100.9
2.0 m	286.4	317.8	295.2	304.0	321.5	330.3	356.7	235.1	147.4	94.6
1.5 m	509.1	564.9	524.8	540.4	571.6	587.2	428.3	233.3	127.1	78.8
1.0 m	1145.6	1271.1	1180.7	1215.9	1286.2	989.2	385.8	178.1	106.6	77.7

MC01- Straight Cable Tray- Flange Height 150 mm

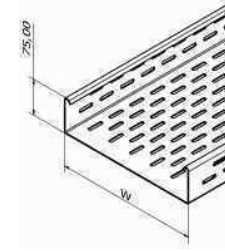
Thickness : 2.0 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	274.6	295.5	280.5	286.3	298.0	303.9	321.5	282.2	167.1	109.9
2.5 m	395.4	425.6	403.9	412.3	429.2	437.6	462.9	268.3	159.5	106.6
2.0 m	617.9	664.9	631.0	644.2	670.6	683.8	496.8	251.3	153.6	96.9
1.5 m	1098.4	1182.1	1121.8	1145.3	1192.1	1203.0	450.8	239.8	128.9	79.4
1.0 m	2471.4	2659.7	2524.1	2576.9	1584.4	1024.1	390.5	179.1	106.9	77.9

MC01- Straight Cable Tray- Flange Height 75 mm

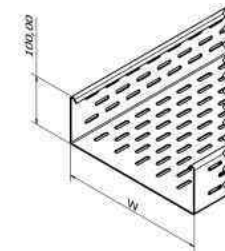
Thickness : 2.5 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	94.1	107.2	97.8	101.4	108.8	112.4	123.4	134.4	145.4	145.0
2.5 m	135.5	154.4	140.8	146.1	156.6	161.9	177.7	193.5	209.3	164.1
2.0 m	211.8	241.2	220.0	228.2	244.7	253.0	277.7	302.4	250.3	170.0
1.5 m	376.5	428.8	391.1	405.8	435.1	449.7	493.6	414.2	236.6	149.3
1.0 m	847.1	964.8	880.0	913.0	978.9	1011.8	721.6	341.0	205.6	150.3

MC01- Straight Cable Tray- Flange Height 100 mm

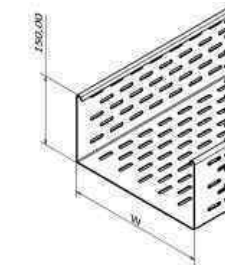
Thickness : 2.5 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	160.4	177.8	165.2	170.1	179.9	184.8	199.4	214.1	228.7	181.3
2.5 m	230.9	256.0	237.9	245.0	259.0	266.1	287.1	308.2	269.9	188.8
2.0 m	360.8	400.0	371.8	382.8	404.7	415.7	448.7	436.6	278.8	181.4
1.5 m	641.4	711.2	661.0	680.5	719.5	739.1	797.6	446.1	245.7	152.9
1.0 m	1443.2	1600.1	1487.2	1531.1	1619.0	1662.9	746.4	346.4	207.6	151.4

MC01- Straight Cable Tray- Flange Height 150 mm


Thickness : 2.5 mm
Length : 300 – 3000 mm



Width [mm]	50	75	100	150	250	300	450	600	750	900
Span [mm]	Item SWL [kg/m]									
3.0 m	345.1	371.3	352.5	359.8	374.4	381.7	403.7	425.7	314.2	209.3
2.5 m	497.0	534.6	507.5	518.1	539.2	549.7	581.3	505.9	305.0	205.3
2.0 m	776.5	835.4	793.0	809.5	842.4	858.9	908.3	482.6	296.9	188.2
1.5 m	1380.5	1485.1	1409.8	1439.1	1497.7	1527.0	869.1	465.2	250.8	154.8
1.0 m	3106.2	3341.5	3172.1	3238.0	3053.2	1982.8	760.5	349.4	208.7	152.0

A red L-shaped line, consisting of a vertical segment on the left and a horizontal segment at the bottom, framing the top-left corner of the page.

Terms & Specifications


$$y^2 + z^2 - 3z = 0$$
$$-3y + 5z = 4$$

$$f(x, y) = xy$$

Galvanized Sheet Thickness Tolerances

Gage	Thickness in Inches			Weight				Thickness in Millimeter		
	Min.	Max.	Nom.	Min. lb/sf	Nom. lb/sf	Max. lb/sf	Nom. kg/m ²	Min.	Max.	Nom.
33	.0060	.0120	.0090	.2409	.376	.486	1.835	.1524	.3048	.2286
32	.0104	.0164	.0134	.4204	.563	.665	2.748	.2642	.4166	.3404
31	.0112	.0172	.0142	.4531	.594	.698	2.900	.2845	.4369	.3607
30	.0127	.0187	.0157	.5143	.656	.759	3.20	.3188	.4783	.3988
29	.0142	.020	.0172	.5755	.719	.820	3.51	.3569	.5169	.4369
28	.0157	.0217	.0187	.6367	.781	.881	3.81	.3950	.5550	.4750
27	.0172	.032	.0202	.6979	.844	.943	4.12	.4331	.5931	.5131
26	.0187	.0247	.0217	.7591	.906	1.004	4.42	.4712	.6312	.5512
25	.0217	.0287	.0247	.8407	1.003	1.167	4.901	.5274	.7274	.6274
24	.0236	.0316	.0276	.9590	1.156	1.285	5.64	.6010	.8010	.7010
23	.0266	.0346	.0306	1.0814	1.244	1.408	6.07	.6772	.8772	.7772
22	.0296	.0376	.0336	1.2038	1.406	1.530	6.86	.7534	.9534	.8534
21	.0326	.0406	.0366	1.3263	1.489	1.653	7.27	.8296	1.0296	.9296
20	.0356	.0436	.0396	1.4486	1.656	1.775	8.08	.906	1.106	1.006
19	.0406	.0506	.0456	1.6526	1.856	2.061	9.07	1.028	1.288	1.158
18	.0466	.0566	.0516	1.8974	2.156	2.305	10.52	1.181	1.441	1.311
17	.0525	.0625	.0575	2.1381	2.342	2.546	11.43	1.331	1.591	1.461
16	.0575	.0695	.0635	2.342	2.656	2.832	12.96	1.463	1.763	1.613
15	.0650	.0770	.0710	2.6481	2.893	3.138	14.12	1.653	1.953	1.803
14	.0705	.0865	.0785	2.8725	3.281	3.525	16.01	1.784	2.204	1.994
13	.0854	.1014	.0934	3.4804	3.806	4.133	18.58	2.162	2.5823	2.372
12	.0994	.1174	.1084	4.0516	4.531	4.786	22.11	2.523	2.983	2.753
11	.1143	.1323	.1233	4.6505	5.002	5.394	24.42	2.902	3.362	3.132
10	.1292	.1472	.1382	5.2675	5.781	6.002	28.21	3.280	3.740	3.510
9	.1442	.1622	.1532	5.8795	6.246	6.614	30.50	3.661	4.121	3.891
8	.1591	.1771	.1681	6.4874	6.875	7.222	33.566	4.040	4.500	4.270

NOTES:

- Based on ASTM A924 924M-94 Standard Specification for general Requirements for Sheet Steel Metallic Coated by the Hot-Dip Process (formerly ASTM A525); and ASTM A653/A-94 Standard Specification for Sheet Steel, Zinc-Coated (Galvanized) or Zinc-iron alloy Coated Zinc-iron alloy Coated (Galvanized) by the Hot-Dip Process.
- Tolerances are valid for 48" for 60" wide coil and cut length stock- other dimensions apply to other sheet widths and to strip.
- The lock forming grade of steel will conform to ASTM A 653 (formerly ASTM A 527).
- The Steel producing industry recommends that steel be ordered by decimal thickness only. Thickness and zinc coating class can be stenciled on the sheet. The gage designation is retained for residual familiarity reference only.
- Minimum weight in this table is based on the following computation:
Minimum sheet thickness minus 0.001" of G60 coating times 40.8 lb per s.f. per inch plus 0.0369 lb/sf zinc.
G60 stock would be comparably calculated from:
(.00153") 40.8 + 0.0564 = minimum weight.
However, scale weight may run 2% (or more) greater than theoretical weight. Actual weight may be near 40.82 lb per s.f. per inch.
- G60 coating, per ASTM A653 and ASTM A90, has 0.60 oz/sf (triple spot test) total for two sides. 0.59 oz/sf of zinc equals 0.001".
1 oz is 0.0017" and is 305.15 g/m²
G90 coating is 0.90 oz/sf (triple spot test), or 0.00153". Magnetic gage measurement of zinc coating may have 15% error.
- ASTM A2092, Practices for Preparation of Zinc-Coated Galvanized Steel Surfaces for paint, includes mill phosphatizing.
- ASTM A755 is the Specification for Sheet Steel, Metallic Coated by the Hot-Dip Process and Prepainted by the Coil-Coating Process for Exterior Building Products. Other information is available from the National Coil Coaters Association, Philadelphia, PA.
- Much chemical and atmospheric corrosion information is available from ASM International in Metals Park, Ohio and from NACE International in Houston, TX.
- A principle international standard is ISO 3575, Continuous Hot-Dip Process, Zinc-Coated Carbon steel Sheet of Commercial, Lock Forming and Drawing Qualities.

Aluminum Sheet Thickness-Alloy 3003-H14

Thickness in Inches				Weight		Thickness in Millimeter		
Nom.	Tolerance 48" & (60") Width	Min.	Max.	lb/ft2	Kg/m2	Nom.	Min.	Max.
.016	.0015	.0145	.0175	.228	1.114	.4068	.3683	.4445
.020	.002	.018	.022	.285	1.393	.508	.4572	.5588
.024	.002	.022	.026	.342	1.671	.6096	.5588	.6604
.025	.002	.023	.027	.358	1.7398	.635	.5842	.6858
.032	.0025	.0295	.0345	.456	2.228	.8128	.7493	.8763
.040	.0035	.0365	.0435	.570	2.786	1.016	.9271	1.1049
.050	.0035	.0465	.0535	.713	3.484	1.27	1.1811	1.3589
.063	.0035	.0595	.0665	.898	4.389	1.600	1.5113	1.6891
.080	.0045	.0755	.0845	1.140	5.571	2.032	1.9117	2.1463
.090	.0045	.0855	.0945	1.283	6.270	2.286	2.1717	2.4003
.100	.0055	.0945	.1055	1.426	6.969	2.54	2.4003	2.6797
.125	.0055	.1195	.1305	1.782	8.709	3.175	3.0353	3.3147

Weight is based on 14.256 lb per square foot per inch of thickness (or 17.1 lb/cf). Alloy 1100 is of slightly lower density.

Specification references: ASTM B209 Standard Specification of Aluminum Alloy Sheet and Plate which references ANSI Standard H35.2 Dimensional Tolerances for Aluminum mill Products.

Other useful references are published by the Aluminum Association: Specification for Aluminum Structures; Engineering Data for Aluminum Structures; Aluminum Standards and Data.

Stainless Steel Thickness

Gage	Thickness in Inches				Weight				Thickness in Millimeter		
	Min	Max.	Tolerance	Norn.	lb/sf		Kg/m2		Nom.	Min.	Max.
					300	400	300	400			
31	.0089	.0129	.002	.0109	.459	.451	2.239	2.200	.2769	.2269	.3269
30	.0111	.0145	.002	.0125	.525	.515	2.562	2.512	.3175	.2675	.3675
29	.0121	.0161	.002	.0141	.591	.579	2.883	2.825	.3581	.3081	.4081
28	.0136	.0176	.002	.0156	.656	.644	3.200	3.142	.3962	.3462	.4462
27	.0142	.0202	.003	.0172	.722	.708	3.522	3.454	.4369	.3569	.5169
26	.0158	.0218	.003	.0188	.788	.773	3.844	3.771	.4775	.3975	.5575
25	.0189	.0249	.003	.0219	.919	.901	4.483	4.395	.5562	.4762	.6362
24	.0220	.0280	.003	.0250	1.050	1.030	5.122	5.025	.6350	.5550	.7150
23	.0241	.0321	.004	.0281	1.181	1.159	5.761	5.654	.7137	.6137	.8137
22	.0273	.0353	.004	.0313	1.313	1.288	6.405	6.283	.7950	.6950	.8950
21	.0304	.0384	.004	.0344	1.444	1.416	7.044	6.908	.8738	.7738	.9738
20	.0335	.0415	.004	.0375	1.575	1.545	7.683	7.537	.9525	.8525	1.0525
19	.0388	.0488	.005	.0438	1.838	1.803	8.966	8.796	1.1125	.9835	1.2425
18	.0450	.0550	.005	.0500	2.100	2.060	10.245	10.050	1.2700	1.1400	1.4000
17	.0513	.0613	.005	.0563	2.363	2.318	11.528	11.308	1.4300	1.300	1.5600
16	.0565	.0685	.006	.0625	2.625	2.575	12.806	12.562	1.5875	1.4375	1.7375
15	.0643	.0763	.006	.0703	2.953	2.897	14.406	14.133	1.2856	1.6356	1.9356
14	.0711	.0851	.007	.0781	3.281	3.219	16.006	15.704	1.9837	1.8037	2.1637
13	.0858	.1018	.008	.0938	3.938	3.863	19.211	18.845	2.3825	2.1825	2.5825
12	.1000	.1184	.009	.1094	4.594	4.506	22.411	21.982	2.7788	2.5488	2.9788
11	.1150	.1350	.010	.1250	5.250	5.150	25.612	25.124	3.1750	2.9250	3.4250
10	.1286	.1526	.012	.1406	5.906	5.794	28.812	28.265	3.5712	3.2712	3.8712
9	.1423	.1703	.014	.1563	6.563	6.438	32.017	31.407	3.9700	3.6100	4.3300
8	.1579	.1859	.014	.1719	7.219	7.081	35.217	34.544	4.3663	4.0063	4.7263

ASTM-A167 - "Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip"(Properties of the 300 series) ASTM-A480 - "Standard Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet and Strip" Finishes.

No. 1 Finish - Hot-rolled, annealed, and descaled.

No. 2 D Finish - cold-rolled, dull finish.

No. 3 B Finish - Cold-rolled, bright finish.

Bright Annealed Finish - A bright cold-rolled finish retained by annealing in a controlled atmosphere furnace.

No. 3 Finish - Intermediate polished finish, one or both sides.

No. 4 Finish - General Purpose polished finish, one or both sides.

No. 6 Finish - Dull stain finish, Tampico brushed, one or both sides.

No. 7 Finish - High luster finish.

No. 8 Finish - Mirror finish.

The 300 series weight is based on 41.99 lb per square foot per inch of thickness (or 504 lb/cf).

The 400 series weight is based on 41.20 lb per square foot per inch of thickness (or 494 lb/cf).

ASTM -A666 covers the structural grade of stainless steel (not used for ducts). For design criteria, generally, consult the AISI Stainless Steel Cold-Formed Structural Design Manual For general application and corrosion data consult the AISI Design Guidelines for the Selection and Use of Stainless Steels and the Specialty Steel Industry of the United States in Washington, D.C.



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