

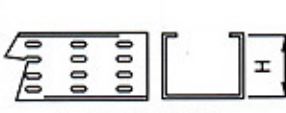
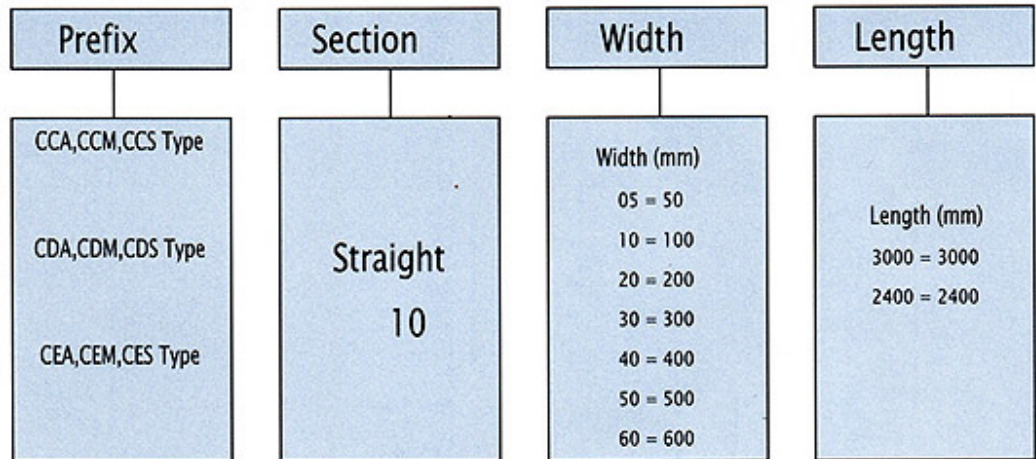


Cable Tray Selection Guide & Part Number (Prefix)

		H (mm)	Prefix Code	Material & Finishing	
Cable Tray Perforated	CC	50	CCA	Material : Aluminum Alloy 5052 H-32 Finishing : Natural	 for CC H=50 mm
			CCM	Material : Mild Steel JIS G3131 (SPHC) Finishing : Hot Dip Galvanize Comply to ASTM A123 or ISO 1461	
			CCS	Material : Stainless Steel SA 240 Type 316L Finishing : Natural	
	CD	75	CDA	Material : Aluminum Alloy 5052 H-32 Finishing : Natural	 for CD H=75 mm
			CDM	Material : Mild Steel JIS G3131 (SPHC) Finishing : Hot Dip Galvanize Comply to ASTM A123 or ISO 1461	
			CDS	Material : Stainless Steel SA 240 Type 316L Finishing : Natural	
	CE	100	CEA	Material : Aluminum Alloy 5052 H-32 Finishing : Natural	 for CE H=100 mm
			CEM	Material : Mild Steel JIS G3131 (SPHC) Finishing : Hot Dip Galvanize Comply to ASTM A123 or ISO 1461	
			CES	Material : Stainless Steel SA 240 Type 316L Finishing : Natural	

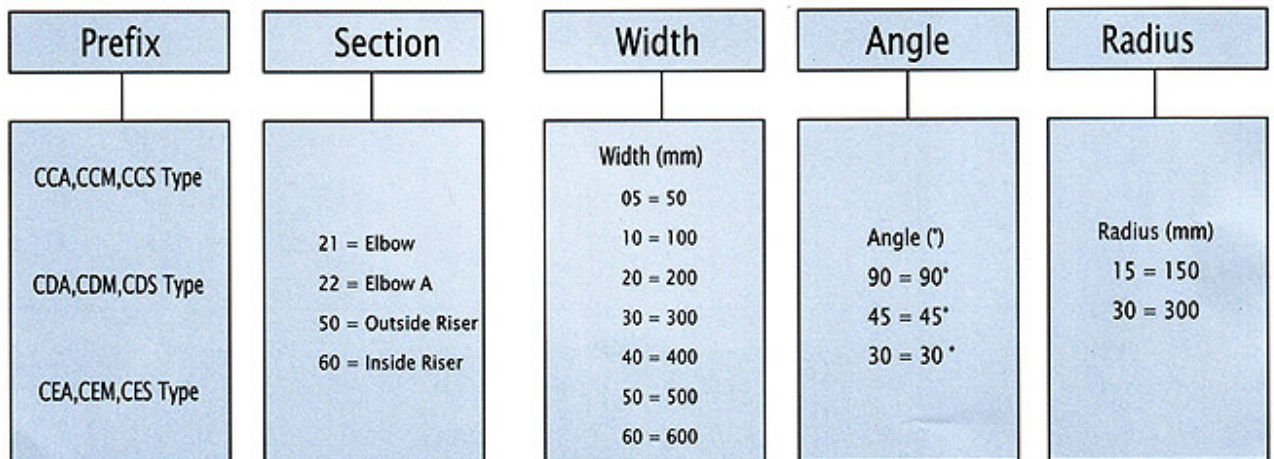
Straight Section Numbering System



Example :

CCM 10503000	= Straight 50 W x 50 H x 3000 L
Material	= Mild Steel JIS G3131 (SPHC)
CDA 10103000	= Straight 100 W x 75 H x 3000 L
Material	= Aluminum Alloy 5052 H-32
CES 10303000	= Straight 300 W x 100 H x 3000 L
Material	= Stainless Steel SA 240 Type 316 L

Elbow, Elbow A, Outside Riser, Inside Riser Section Numbering System



Example :

CCA 21 05 90 30	= Elbow 50 mm H, 50 mm W, 90°, 300 mm Radius
Material	= Aluminum Alloy 5052 H-32
CDS 22 10 90 15	= Elbow A 75 mm H, 100 mm W, 90°, 150 mm Radius
Material	= Stainless Steel SA 240 Type 316 L
CEM 50 30 90 30	= Outside Riser 100 mm H, 300 mm W, 90°, 300 mm Radius
Material	= Mild Steel JIS G3131 (SPHC)
CCS 60 30 90 15	= Inside Riser 50 mm H, 300 mm W, 90°, 150 mm Radius
Material	= Stainless Steel SA 240 Type 316 L

Tee And Cross Section Numbering System

Prefix	Section	Width (W1-W2)	Radius
CCA,CCM,CCS Type CDA,CDM,CDS Type CEA,CEM,CES Type	31 = Equal Tee 32 = Unequal Tee 41 = Equal Cross 42 = Unequal Cross	Width (W1)-Width (W2) 1010 — W1 = 100 mm W2 = 100 mm 3005 — W1 = 300 mm W2 = 50 mm	Radius (mm) 15 = 150 30 = 300

Example :

CCM 31 10 15	= Equal Tee 50 mm H, 100 mm (W1), 100 mm (W2) 150 mm Radius, Mild Steel JIS G3131 (SPHC), CCM Type
CDA 32 30 10 30	= Unequal Tee, 75 mm H, 300 mm (W1), 100 mm (W2) 300 mm Radius, Aluminum Alloy 5052 H-32 CDA Type
CES 41 50 15	= Equal Cross, 100 mm H, 50 mm (W1), 50 mm (W2) 150 mm Radius, Stainless Steel SUS 316 L, CES Type
CEA 42 10 05 30	= Unequal Cross, 100 mm H, 100 mm (W1), 50 mm (W2) 300 mm Radius, Aluminum Alloy 5052 H-32, CEA Type

Reducer Section Numbering System

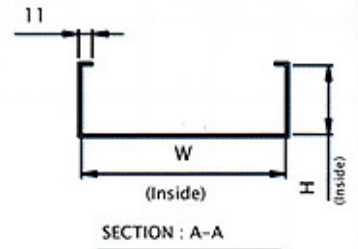
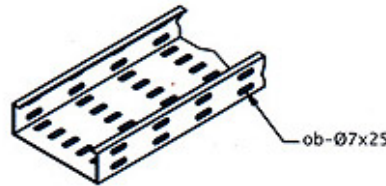
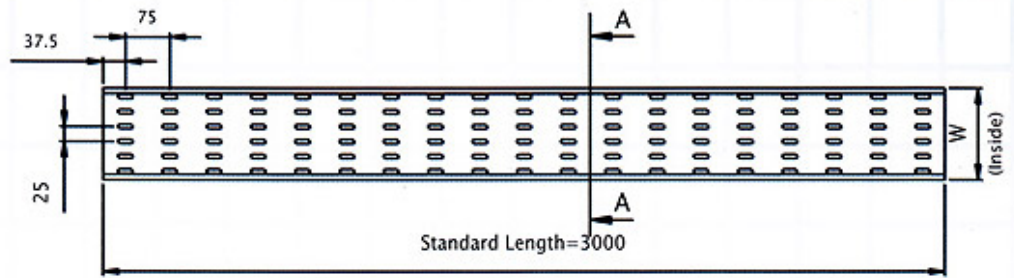
Prefix	Section	Width (W1-W2)
CCA,CCM,CCS Type CDA,CDM,CDS Type CEA,CEM,CES Type	71 = Straight Reducer 72 = Plate Reducer 73 = Right Reducer 74 = Left Reducer	Width (W1)-Width (W2) 1005 — W1 = 100 mm W2 = 50 mm

Example :

CCS 71 10 05 Material	= Straight Reducer 50 mm H, 100 mm (W1), 50 mm (W2) = Stainless Steel SUS 316 L, CCS Type
CDA 73 30 10 Material	= Right Reducer 75 mm H, 300 mm (W1), 100 mm (W2) = Aluminum Alloy 5052 H-32, CDA Type
CEM 74 30 05 Material	= Left Reducer 100 mm H, 300 mm (W1), 50 mm (W2) = Mild Steel JIS G3131 (SPHC), CEM Type
CCM 72 30 10 Material	= Plate Reducer 50 mm H, 300 mm (W1), 100 mm (W2) = Mild Steel JIS G3131 (SPHC), CCM Type

1. Straight

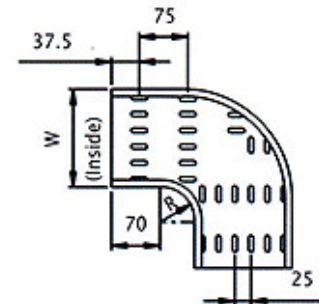
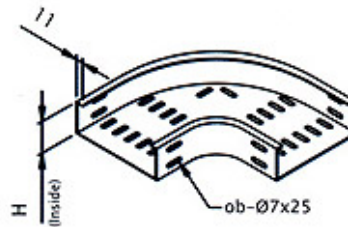
Part Number	Width (W)mm
Prefix10053000	50
Prefix10103000	100
Prefix10203000	200
Prefix10303000	300
Prefix10403000	400
Prefix10503000	500
Prefix10603000	600



2.1. Elbow

Part Number	Width (W)mm	Radius mm
Prefix210515	50	150
Prefix211015	100	
Prefix212015	200	
Prefix213015	300	
Prefix214015	400	
Prefix215015	500	
Prefix216015	600	

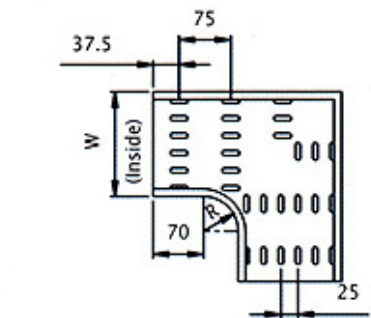
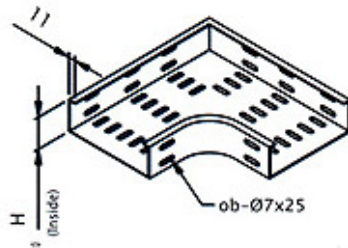
* Optional Radius (R) = 300mm



2.2. Elbow A

Part Number	Width (W)mm	Radius mm
Prefix220515	50	150
Prefix221015	100	
Prefix222015	200	
Prefix223015	300	
Prefix224015	400	
Prefix225015	500	
Prefix226015	600	

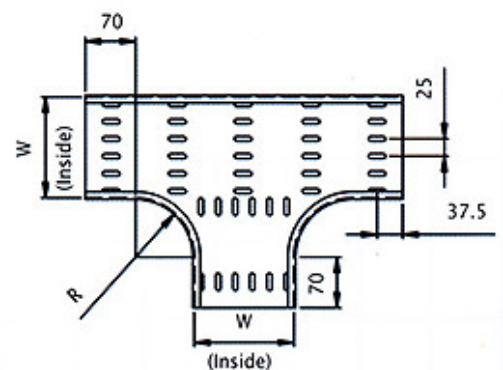
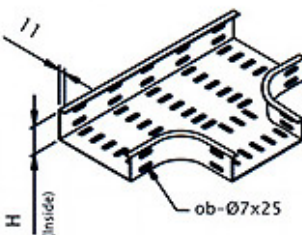
* Optional Radius (R) = 300mm



3.1. Equal Tee

Part Number	Width (W)mm	Radius mm
Prefix310515	50	150
Prefix311015	100	
Prefix312015	200	
Prefix313015	300	
Prefix314015	400	
Prefix315015	500	
Prefix316015	600	

* Optional Radius (R) = 300mm



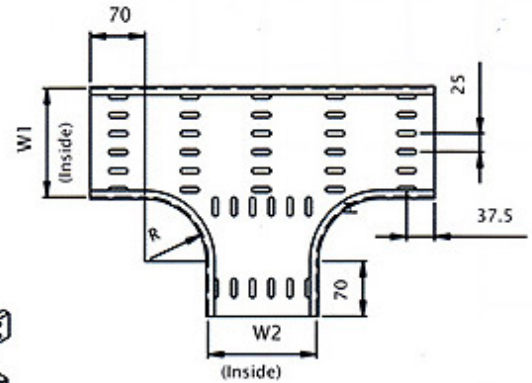
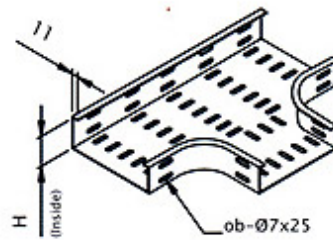
Note :

- Prefix: Perforated Tray System Code; See Page 15 for Information
- See Page 15 for Information of H (Height) of Perforated Tray Type
- Above Drawing is for Prefix CCM, CCA & CCS Type

3.2. Unequal Tee

Part Number	Width (W1)mm	Width (W2)mm	Radius (mm)
Prefix32100515	100	50	150
Prefix32201015	200	100	
Prefix32301015	300	100	
Prefix32302015	300	200	
Prefix32402015	400	200	
Prefix32403015	400	300	
Prefix32503015	500	300	
Prefix32504015	500	400	
Prefix32604015	600	400	
Prefix32605015	600	500	

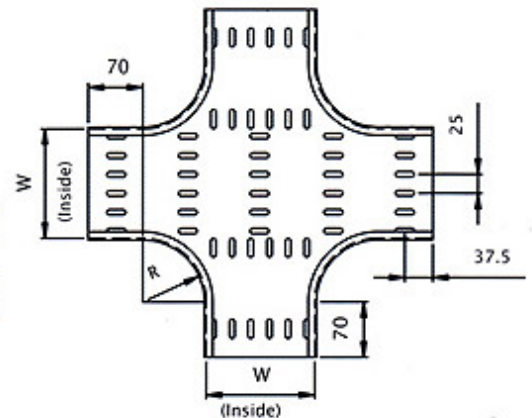
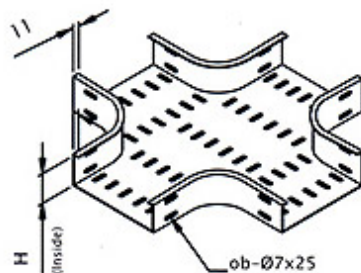
* Optional Radius (R)=300mm



4.1. Equal Cross

Part Number	Width (W)mm	Radius (mm)
Prefix410515	50	150
Prefix411015	100	
Prefix412015	200	
Prefix413015	300	
Prefix414015	400	
Prefix415015	500	
Prefix416015	600	

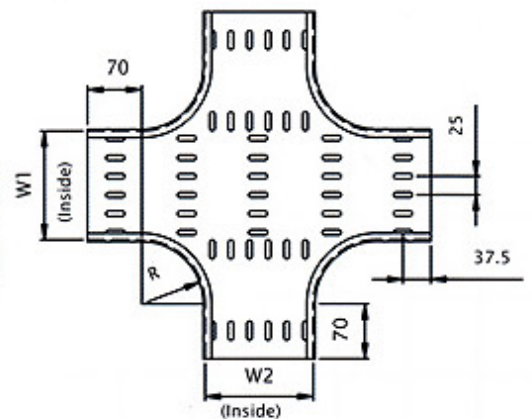
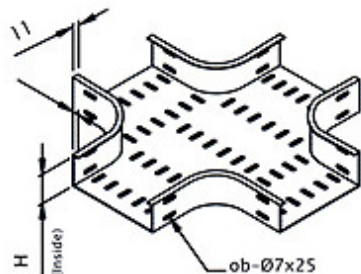
* Optional Radius (R)=300mm



4.2. Unequal Cross

Part Number	Width (W1)mm	Width (W2)mm	Radius (mm)
Prefix 42100515	100	50	150
Prefix 42201015	200	100	
Prefix 42301015	300	100	
Prefix 42302015	300	200	
Prefix 42402015	400	200	
Prefix 42403015	400	300	
Prefix 42503015	500	300	
Prefix 42504015	500	400	
Prefix 42604015	600	400	
Prefix 42605015	600	500	

* Optional Radius (R)=300mm



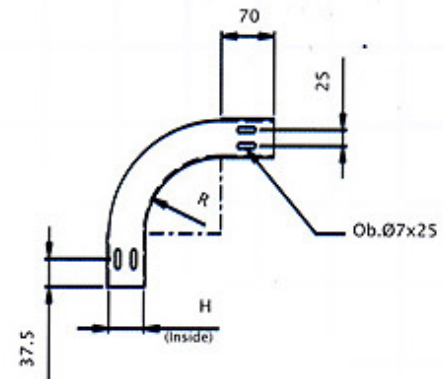
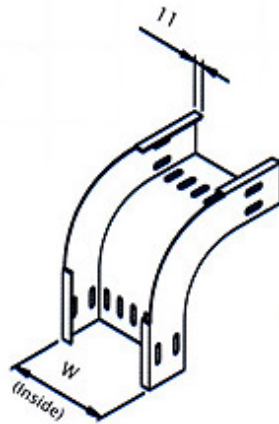
Note :

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- Above Drawing is for Prefix CCM, CCA & CCS Type

5.0. Outside Riser

Part Number	Width (W)mm	
Prefix500515	50	150
Prefix501015	100	
Prefix502015	200	
Prefix503015	300	
Prefix504015	400	
Prefix505015	500	
Prefix506015	600	

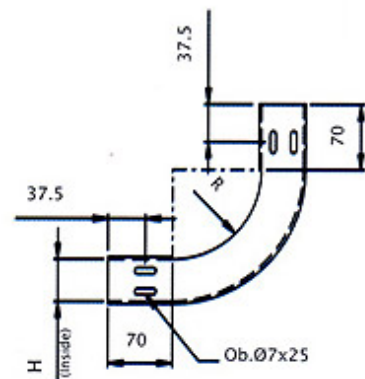
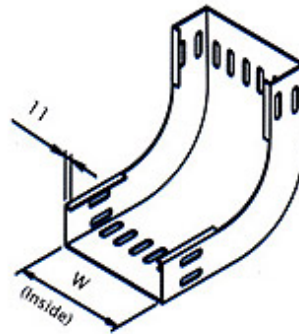
* Optional Radius (R) = 300mm



6.0. Inside Riser

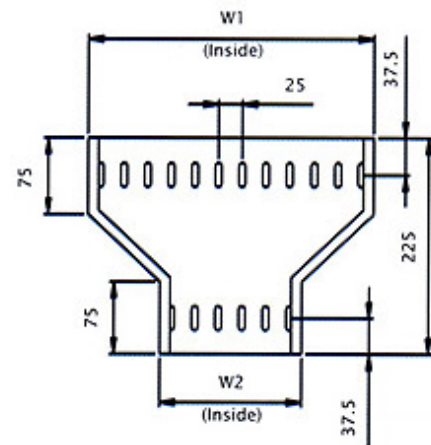
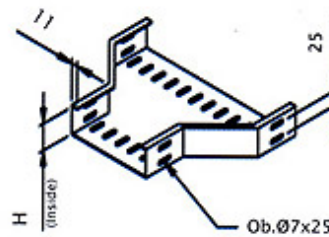
Part Number	Width (W)mm	Radius mm
Prefix600515	50	150
Prefix601015	100	
Prefix602015	200	
Prefix603015	300	
Prefix604015	400	
Prefix605015	500	
Prefix606015	600	

* Optional Radius (R) = 300mm



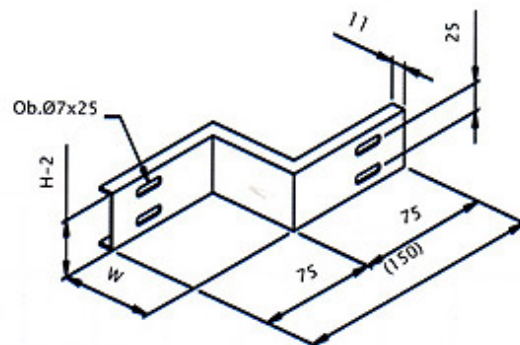
7.1. Straight Reducer

Part Number	Width (W1)mm	Width (W2)mm
Prefix711005	100	50
Prefix712010	200	100
Prefix713010	300	100
Prefix713020	300	200
Prefix714020	400	200
Prefix714030	400	300
Prefix715030	500	300
Prefix715040	500	400
Prefix716040	600	400
Prefix716050	600	500



7.2. Reducer Plate

Part Number	Width (W)mm
Prefix7210	100
Prefix7215	150
Prefix7220	200
Prefix7230	300

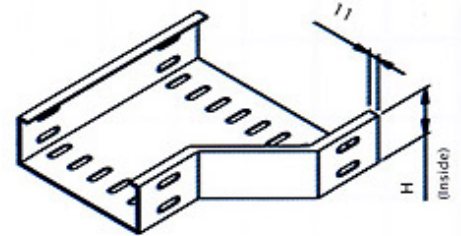
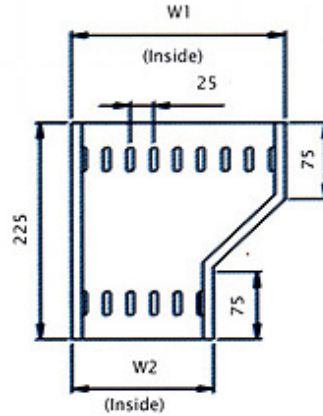


Note :

- Prefix: Perforated Tray System Code; See Page 15 for Information
- See Page 15 for Information of H (Height) of Perforated Tray Type
- Above Drawing is for Prefix CCM, CCA & CCS Type

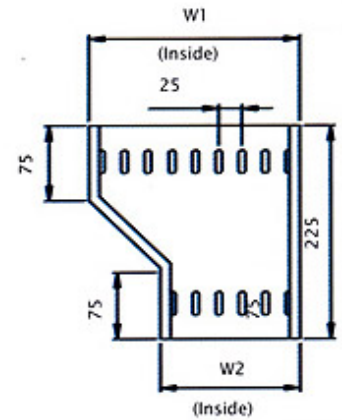
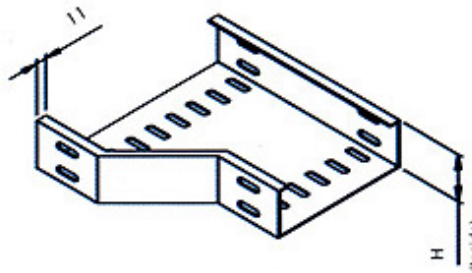
7.3. Right Reducer

Part Number	Width (W1)mm	Width (W2)mm
Prefix 731005	100	50
Prefix 732010	200	100
Prefix 733010	300	100
Prefix 733020	300	200
Prefix 734020	400	200
Prefix 734030	400	300
Prefix 735030	500	300
Prefix 735040	500	400
Prefix 736040	600	400
Prefix 736050	600	500



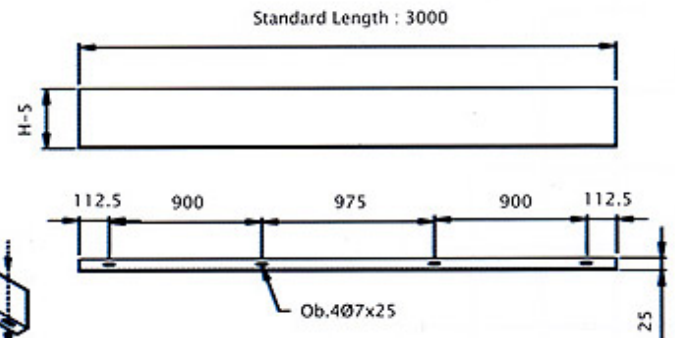
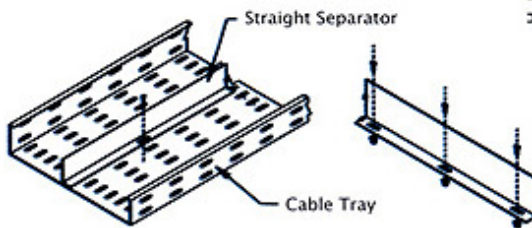
7.4. Left Reducer

Part Number	Width (W1)mm	Width (W2)mm
Prefix 741005	100	50
Prefix 742010	200	100
Prefix 743010	300	100
Prefix 743020	300	200
Prefix 744020	400	200
Prefix 744030	400	300
Prefix 745030	500	300
Prefix 745040	500	400
Prefix 746040	600	400
Prefix 746050	600	500



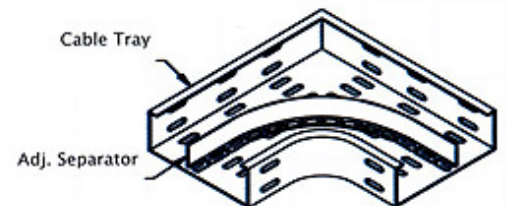
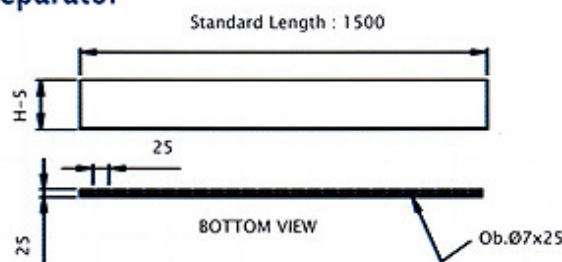
8.1. Straight Separator

Prefix 81



8.2. Adjustable Separator

Prefix 82

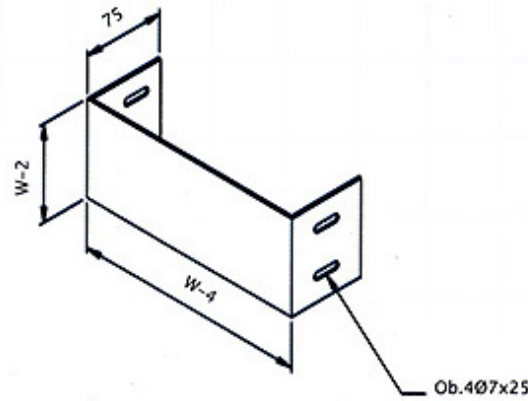


Note :

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- Above Drawing is for Prefix CCM, CCA & CCS Type

8.3. End Plate

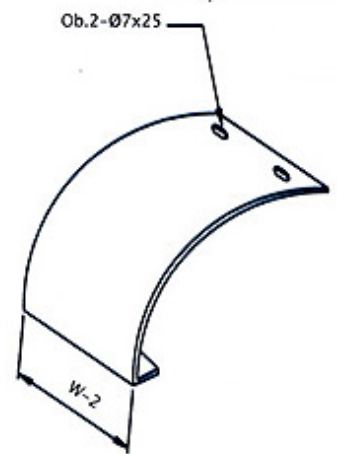
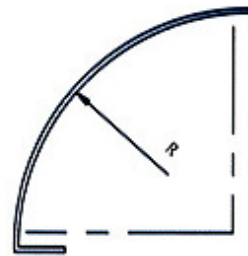
Part Number	Width (W)mm
Prefix 8305	50
Prefix 8310	100
Prefix 8320	200
Prefix 8330	300
Prefix 8340	400
Prefix 8350	500
Prefix 8360	600



8.4. Drop Out

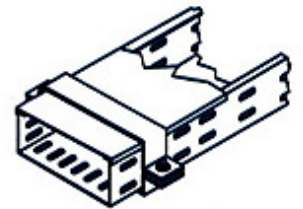
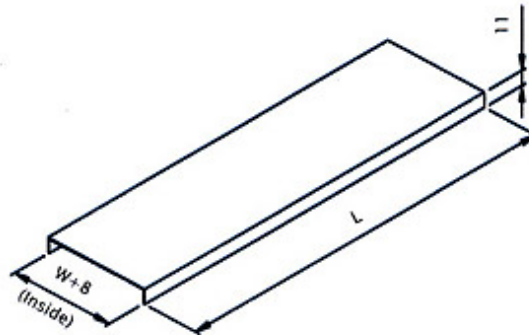
Part Number	Width (W)mm	Radius mm
Prefix 840515	50	150
Prefix 841015	100	
Prefix 842015	200	
Prefix 843015	300	
Prefix 844015	400	
Prefix 845015	500	
Prefix 846015	600	

* Optional Radius (R) = 300mm



9.1.0. Straight Cover

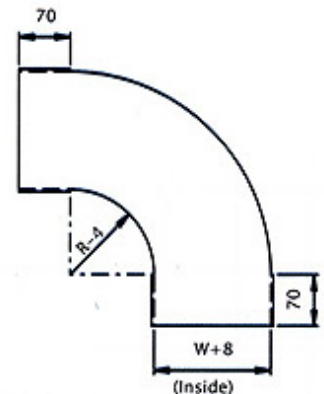
Part Number	Width (W)mm	Length (L)mm
Prefix 910053000	50	3000
Prefix 910103000	100	
Prefix 910203000	200	
Prefix 910303000	300	
Prefix 910403000	400	1500
Prefix 910503000	500	
Prefix 910603000	600	



9.2.1. Elbow Cover

Part Number	Width (W)mm	Radius mm
Prefix 9210515	50	150
Prefix 9211015	100	
Prefix 9212015	200	
Prefix 9213015	300	
Prefix 9214015	400	
Prefix 9215015	500	
Prefix 9216015	600	

* Optional Radius (R) = 300mm



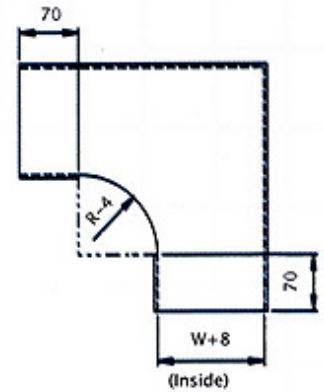
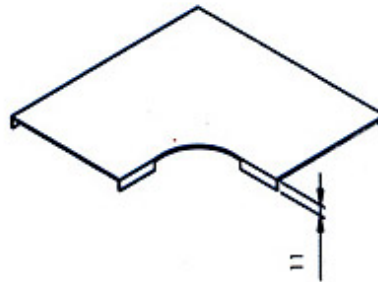
Note :

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9.2.2. Elbow A Cover

Part Number	Width (W)mm	Radius mm
Prefix 9220515	50	150
Prefix 9221015	100	
Prefix 9222015	200	
Prefix 9223015	300	
Prefix 9224015	400	
Prefix 9225015	500	
Prefix 9226015	600	

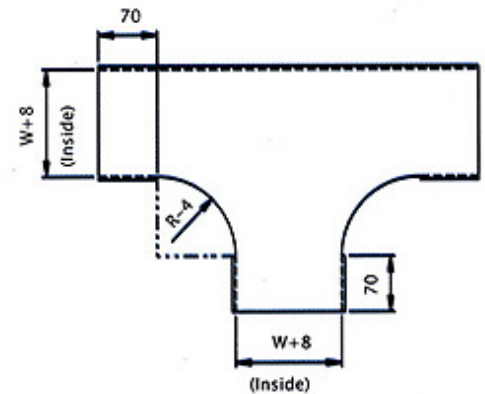
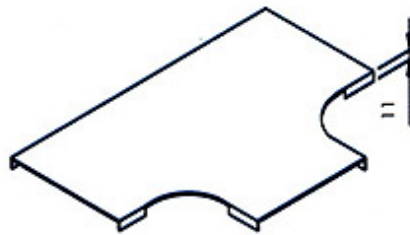
* Optional Radius (R) = 300mm



9.3.1. Equal Tee Cover

Code No.	Width (W)mm	Radius mm
Prefix 9310515	50	150
Prefix 9311015	100	
Prefix 9312015	200	
Prefix 9313015	300	
Prefix 9314015	400	
Prefix 9315015	500	
Prefix 9316015	600	

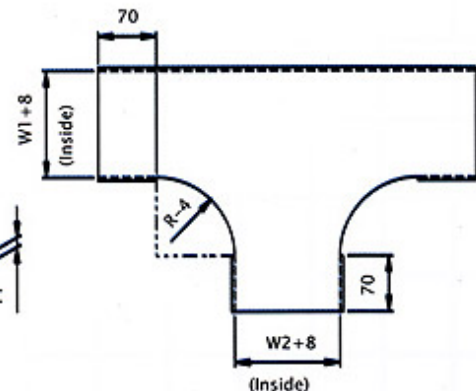
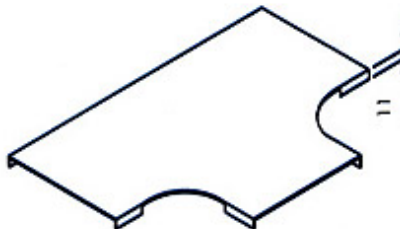
* Optional Radius (R) = 300mm



9.3.2. Unequal Tee Cover

Code No.	Width (W1)mm	Width (W2)mm	Radius mm
Prefix 932100515	100	50	150
Prefix 932201015	200	100	
Prefix 932301015	300	100	
Prefix 932302015	300	200	
Prefix 932402015	400	200	
Prefix 932403015	400	300	
Prefix 932503015	500	300	
Prefix 932504015	500	400	
Prefix 932604015	600	400	
Prefix 932605015	600	500	

* Optional Radius (R) = 300mm



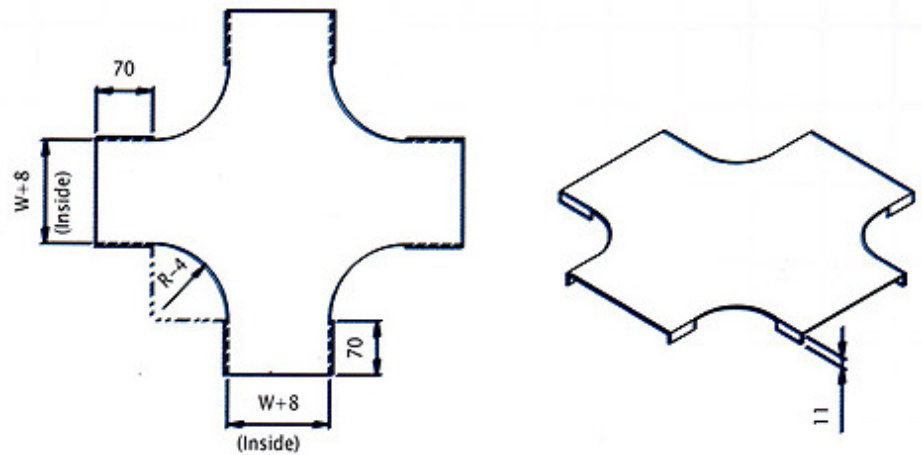
Note :

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- Above Drawing is for Prefix CCM, CCA & CCS Type

9.4.1. Equal Cross Cover

Part Number	Width (W)mm	Radius mm
Prefix 9410515	50	150
Prefix 9411015	100	
Prefix 9412015	200	
Prefix 9413015	300	
Prefix 9414015	400	
Prefix 9415015	500	
Prefix 9416015	600	

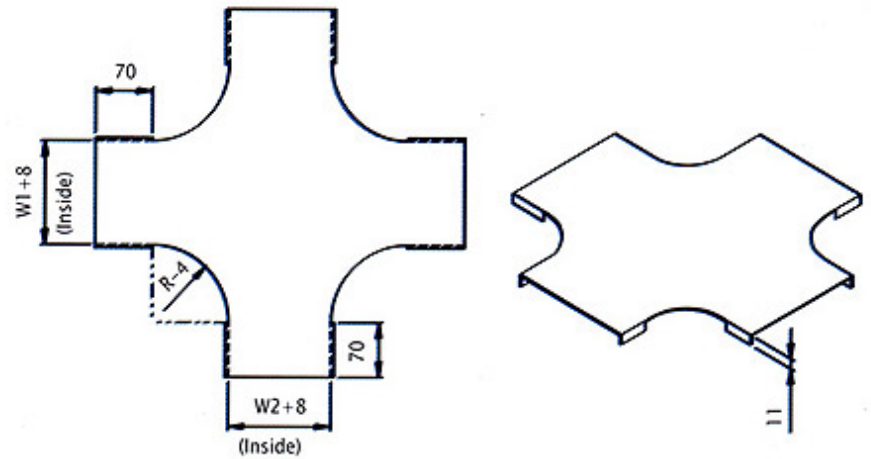
* Optional Radius (R) = 300mm



9.4.2. Unequal Cross Cover

Part Number	Width (W1)mm	Width (W2)mm	Radius mm
Prefix 942100515	100	50	150
Prefix 942201015	200	100	
Prefix 942301015	300	100	
Prefix 942302015	300	200	
Prefix 942402015	400	200	
Prefix 942403015	400	300	
Prefix 942503015	500	300	
Prefix 942504015	500	400	
Prefix 942604015	600	400	
Prefix 942604015	600	500	

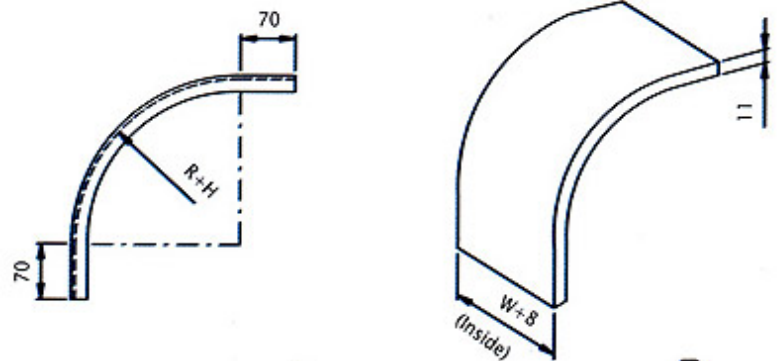
* Optional Radius (R) = 300mm



9.5.0. Outside Riser Cover

Part Number	Width (W)mm	Radius mm
Prefix 9500515	50	150
Prefix 9501015	100	
Prefix 9502015	200	
Prefix 9503015	300	
Prefix 9504015	400	
Prefix 9505015	500	
Prefix 9506015	600	

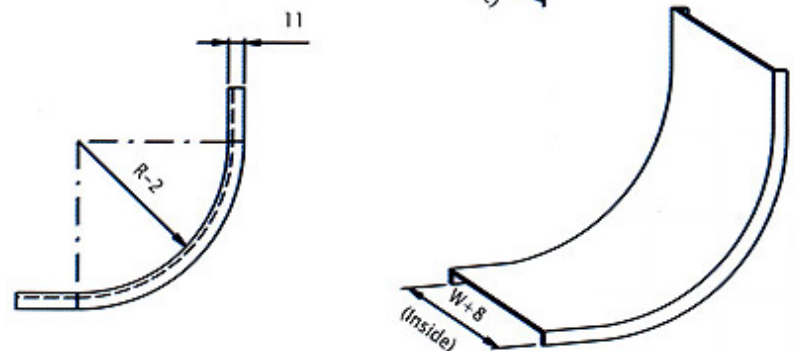
* Optional Radius (R) = 300mm



9.6.0. Inside Riser Cover

Part Number	Width (W)mm	Radius mm
Prefix 960015	50	150
Prefix 9601015	100	
Prefix 9602015	200	
Prefix 9603015	300	
Prefix 9604015	400	
Prefix 9605015	500	
Prefix 9606015	600	

* Optional Radius (R) = 300mm

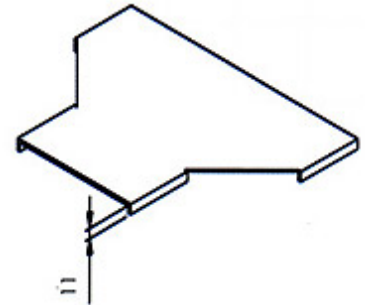
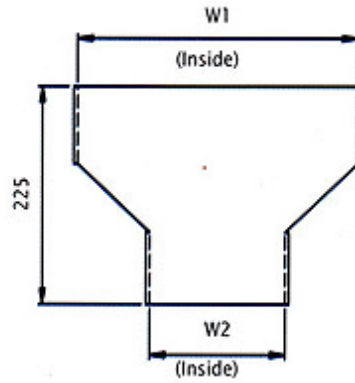


Note :

- Prefix: Perforated Tray System Code; See Page 15 for Information
- See Page 15 for Information of H (Height) of Perforated Tray Type
- Above Drawing is for Prefix CCM, CCA & CCS Type

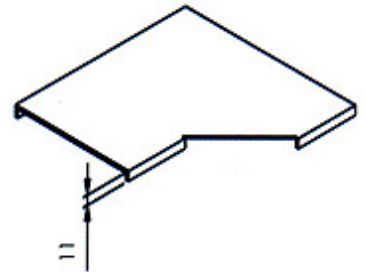
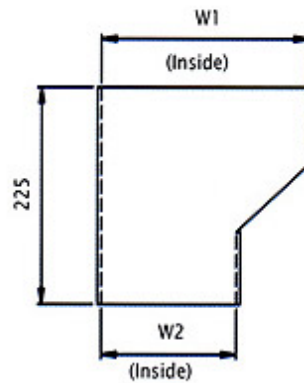
9.7.1. Straight Reducer Cover

Part Number	Width (W1)mm	Width (W2)mm
Prefix 9711005	100	50
Prefix 9712010	200	100
Prefix 9713010	300	100
Prefix 9711020	300	200
Prefix 9714020	400	200
Prefix 9714030	400	300
Prefix 9715030	500	300
Prefix 9715040	500	400
Prefix 9716040	600	400
Prefix 9716050	600	500



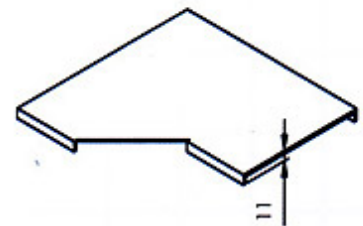
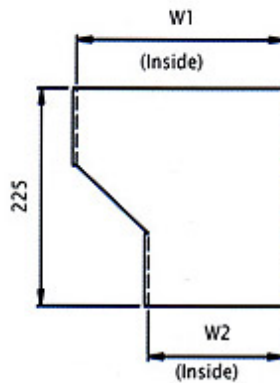
9.7.3. Right Reducer Cover

Part Number	Width (W1)mm	Width (W2)mm
Prefix 9731005	100	50
Prefix 9732010	200	100
Prefix 9733010	300	100
Prefix 9731020	300	200
Prefix 97304020	400	200
Prefix 9734030	400	300
Prefix 9735030	500	300
Prefix 9735040	500	400
Prefix 9736040	600	400
Prefix 9736050	600	500



9.7.4. Left Reducer Cover

Part Number	Width (W1)mm	Width (W2)mm
Prefix 9741005	100	50
Prefix 9742010	200	100
Prefix 9743010	300	100
Prefix 9741020	300	200
Prefix 9744020	400	200
Prefix 9744030	400	300
Prefix 9745030	500	300
Prefix 9745040	500	400
Prefix 9746040	600	400
Prefix 9746050	600	500



Note :

- Prefix: Perforated Tray System Code; See Page 15 for Information
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- Above Drawing is for Prefix CCM, CCA & CCS Type

10. U-Splice Plate

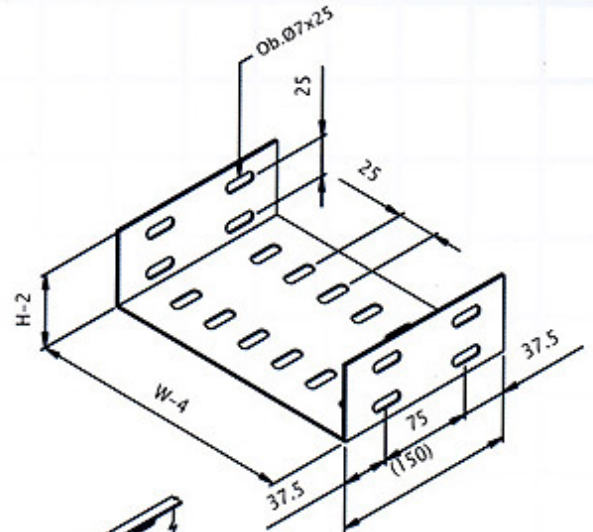
Part Number
Prefix 10

To avoid the deflection of total system may happen possibly U type joint shall be applied.

Note : Supply complete with 8 ea Pan head screw bolt M6 x 15.(*)

(*) Material of bolt :

- (S) - Stainless Steel SUS 316, or
- (S) - Stainless Steel SUS 304, or
- (E) - Electro Galvanize.



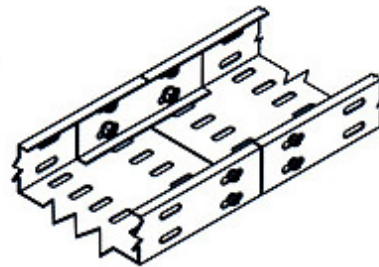
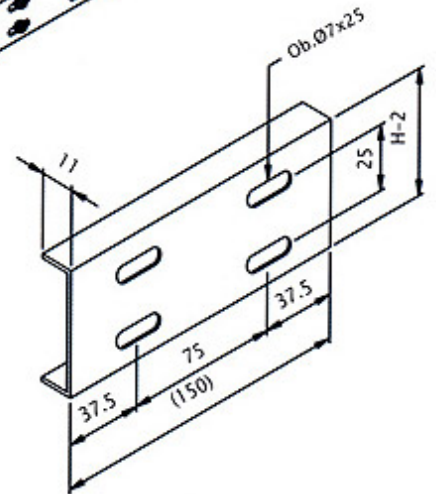
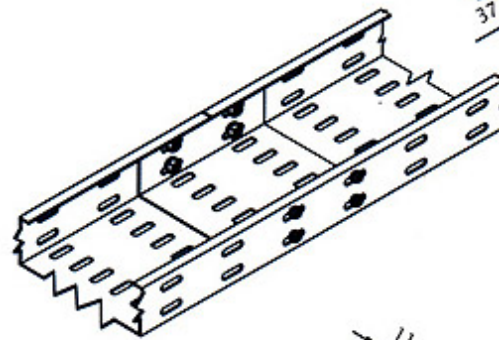
11. Splice Plate

Part Number
Prefix 11

Note : Supply complete with 4 ea Pan head screw bolt M6 x 15.(*)

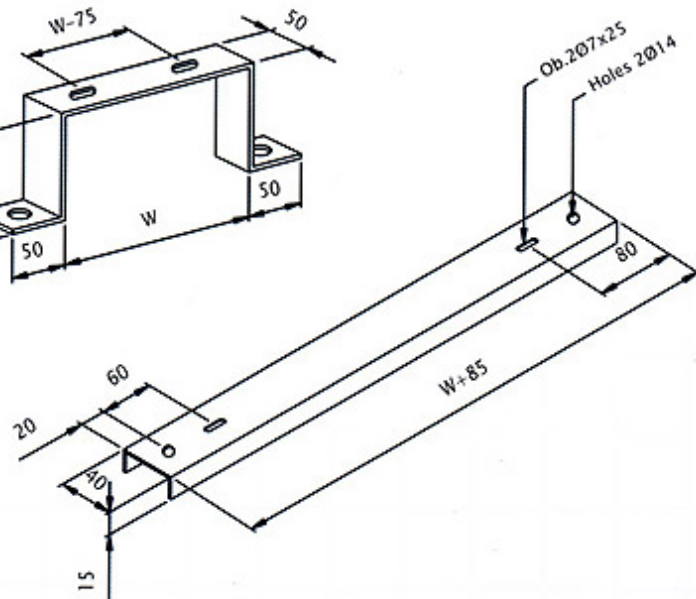
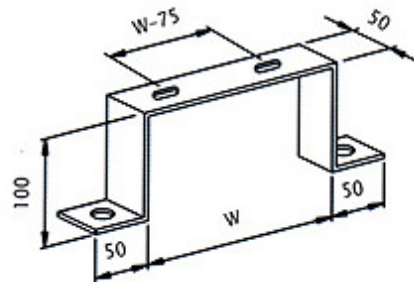
(*) Material of bolt :

- (S) - Stainless Steel SUS 316, or
- (S) - Stainless Steel SUS 304, or
- (E) - Electro Galvanize.



11.1. Wall Bracket

Part Number	Width (W)mm
Prefix 11105	50
Prefix 11110	100
Prefix 11120	200
Prefix 11130	300
Prefix 11140	400
Prefix 11150	500
Prefix 11160	600



11.2. Hanger Beam

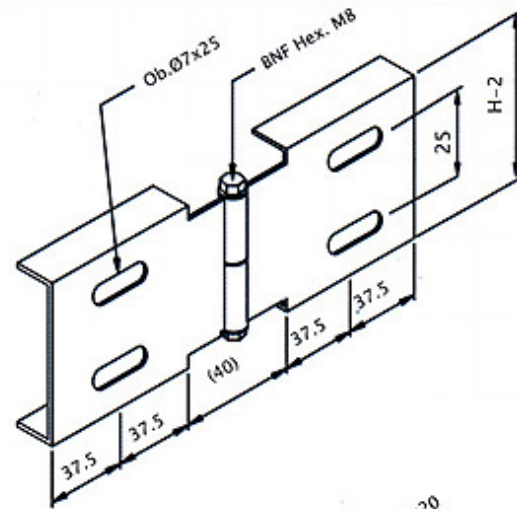
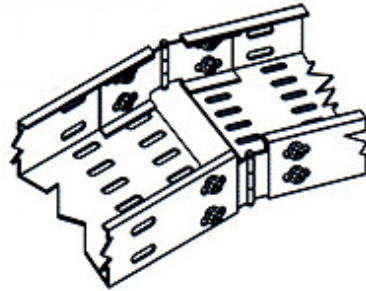
Part Number
Prefix 11.2

Note :

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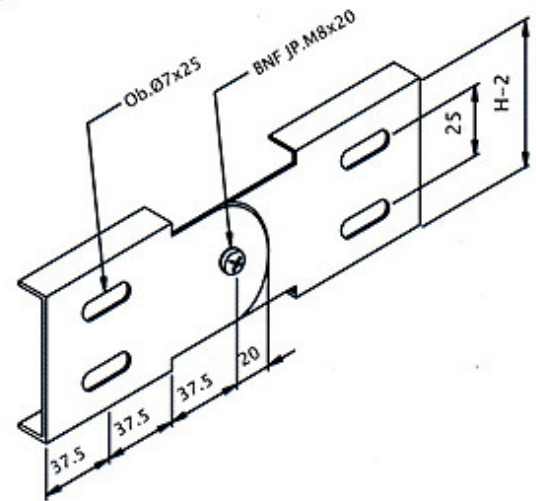
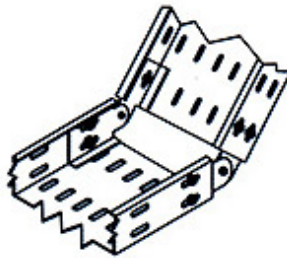
12. Adjustable Horizontal Splice Plate

Part Number
Prefix 12



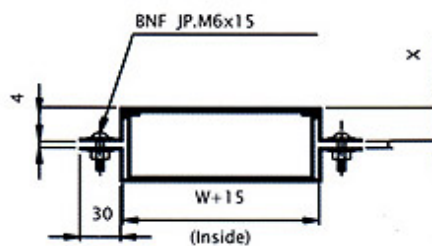
13. Adjustable Vertical Splice Plate

Part Number
Prefix 13



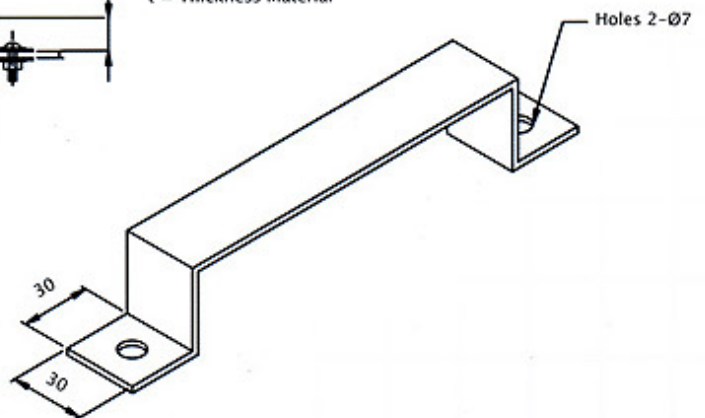
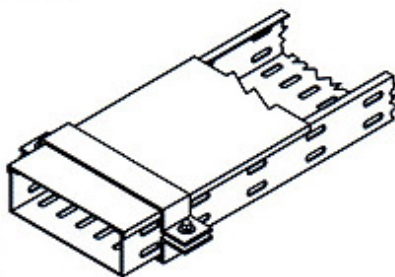
14. Clamp Cover

Part Number	Width (W)mm
Prefix 1405	50
Prefix 1410	100
Prefix 1420	200
Prefix 1430	300
Prefix 1440	400
Prefix 1450	500
Prefix 1460	600



$$X = (H+5t-4)/2$$

t = Thickness Material



Note :

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