

MECHANICAL SUPPORT SYSTEMS

CABLE MESH

KIWI TRAY

CABLE TRAY

ALUMINIUM CABLE LADDER

CABLE TRUNKING

ALUMINIUM SKIRTING DUCT

PRODUCT CATALOGUE

Electrical Cable Containment



The Cable Containment Specialist

Offering a range of smart off-the-shelf products and the ability to provide bespoke solutions to suit your specific needs, Mechanical Support Systems (MSS) can support all your cable containment requirements. MSS design, engineer, manufacture and install, for a true end-to-end cable containment solution. Whether we utilise our traditional trapeze cable containment systems, our highly efficient and cost effective (solid hanging bracket system), or a fully bespoke modular system, MSS is the only company in New Zealand using NZ suppliers and materials to ensure we deliver your job on time and within budget. Put our 50+ years of combined industry experience to the test.

We specialise in the Design, Engineering, Manufacture & Install of:

Electrical Cable Containment



Metal Framing Systems



Pipe Supports



Seismic Engineering Solutions



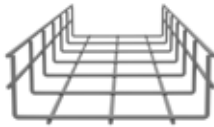
Fastening Solutions



Bespoke Fabrication



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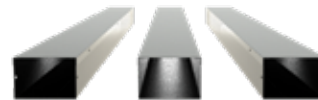
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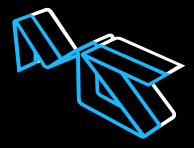


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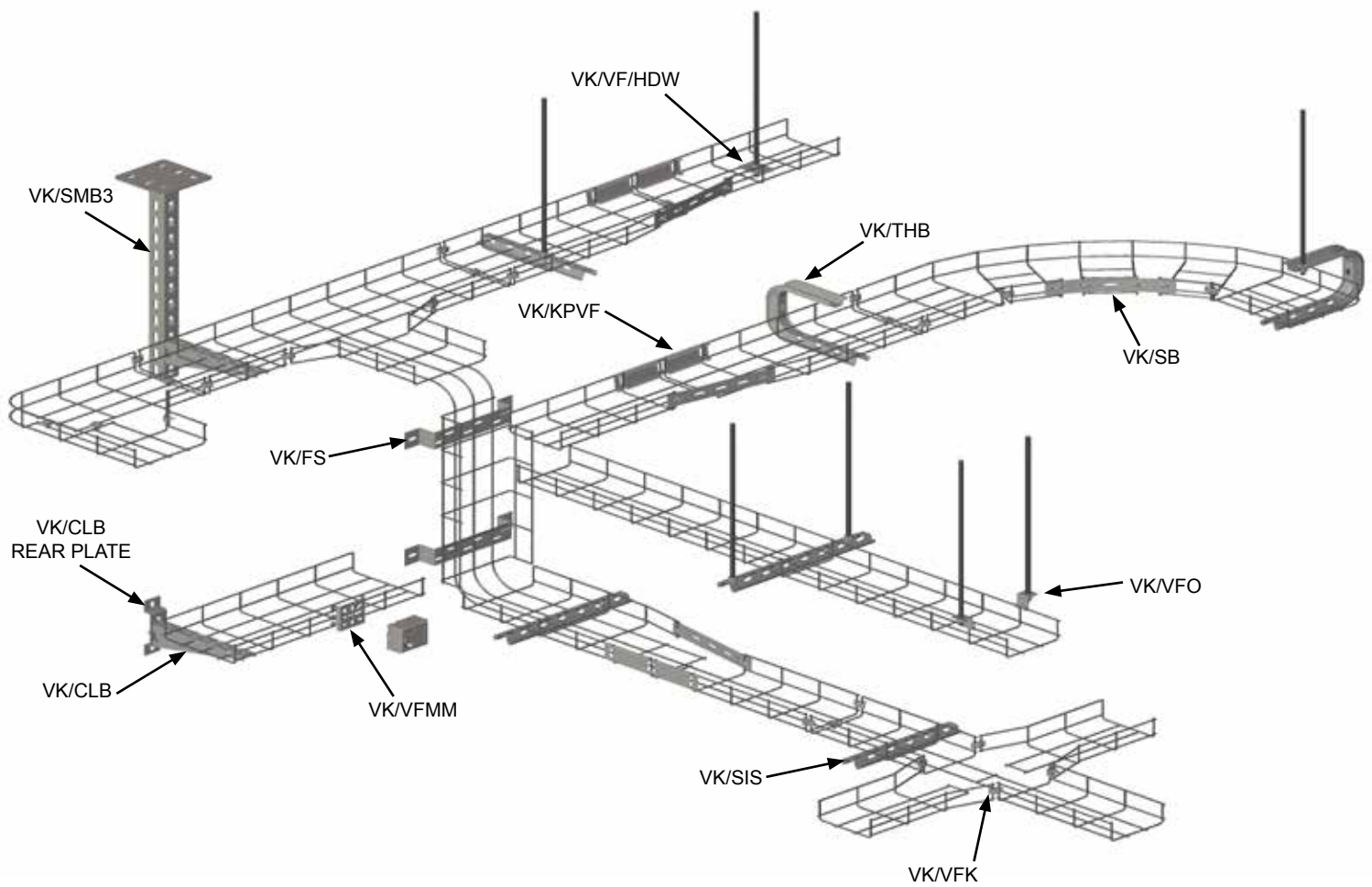


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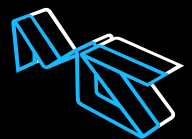
CABLE MESH



CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



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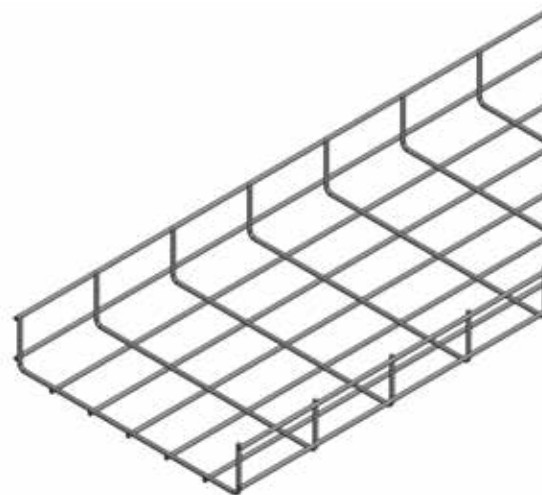
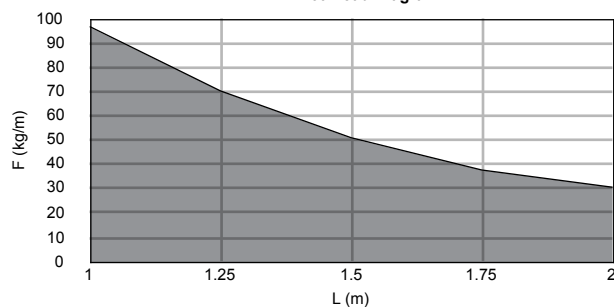
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CABLE MESH

VK/VF60 Cable Mesh



VK/VF60 Load Diagram



Screen Size: 50mm x 100mm
Wire Diameter: Ø4.0mm
Standard Length: 3.0m
Material: Steel
Standard Finish: Pre-Galvanised

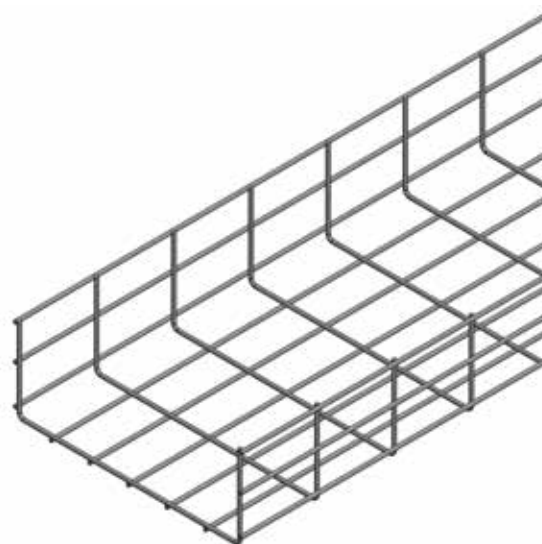
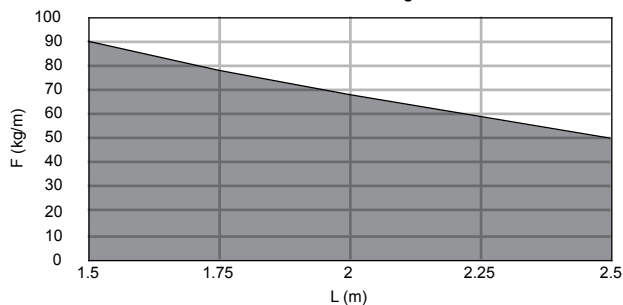
Width: Part Number:

99	VK/VF60/100 PG
149	VK/VF60/150 PG
199	VK/VF60/200 PG
299	VK/VF60/300 PG
399	VK/VF60/400 PG
499	VK/VF60/500 PG

VK/VF110 Cable Mesh



VK/VF110 Load Diagram



Screen Size: 50mm x 100mm
Wire Diameter: Ø4.0mm
Standard Length: 3.0m
Material: Steel
Standard Finish: Pre-Galvanised

Width: Part Number:

199	VK/VF110/200 PG
299	VK/VF110/300 PG
399	VK/VF110/400 PG

Load Diagrams

These diagrams illustrate the permissible uniformly distributed loads applied to multiple supports. They comply with IEC 61537 par 10.3.3 test type III with connection to 1/5 of the span.

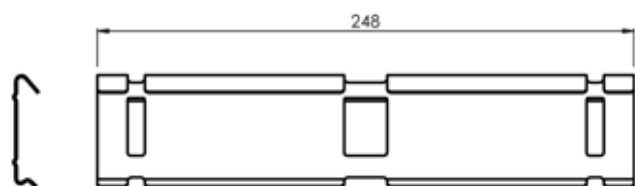
F = max. admissible load (kg/m)

L = support distance (m)

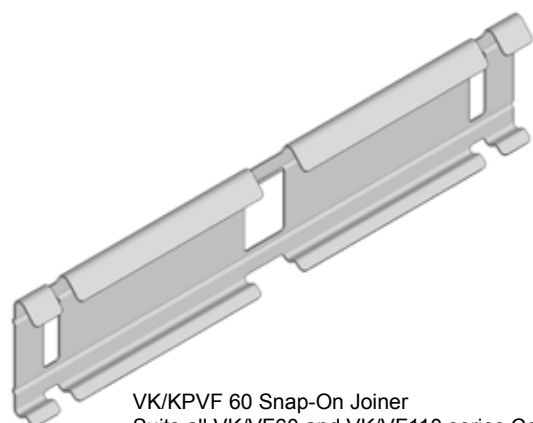
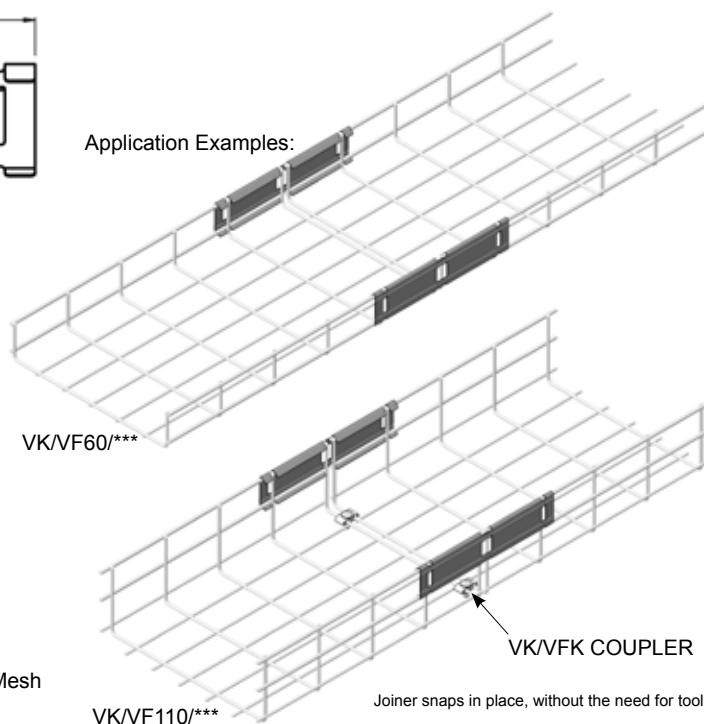
Max. deflection (m) = L/100

CABLE MESH - ACCESSORIES

VK/KPVF 60 Snap-On Joiner



Application Examples:



VK/KPVF 60 Snap-On Joiner
Suits all VK/VF60 and VK/VF110 series Cable Mesh

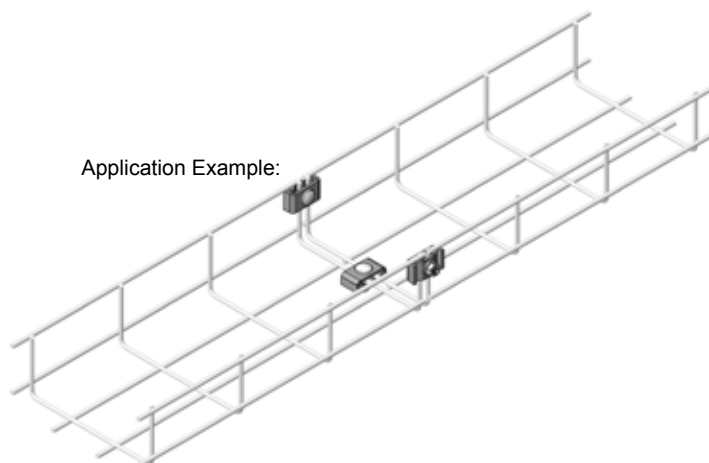
Joiner snaps in place, without the need for tools.

VK/VFK COUPLER

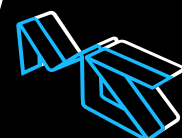


VK/VFK COUPLER

Application Example:



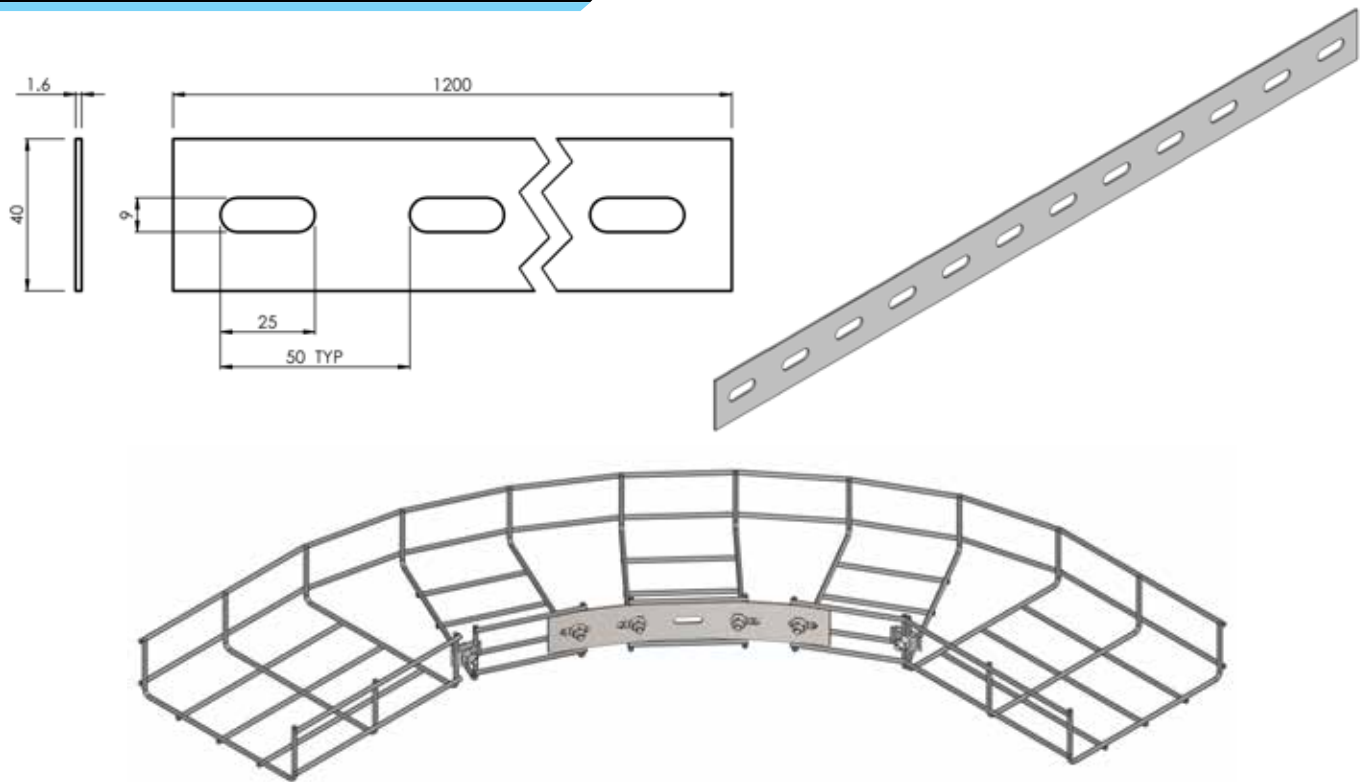
CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



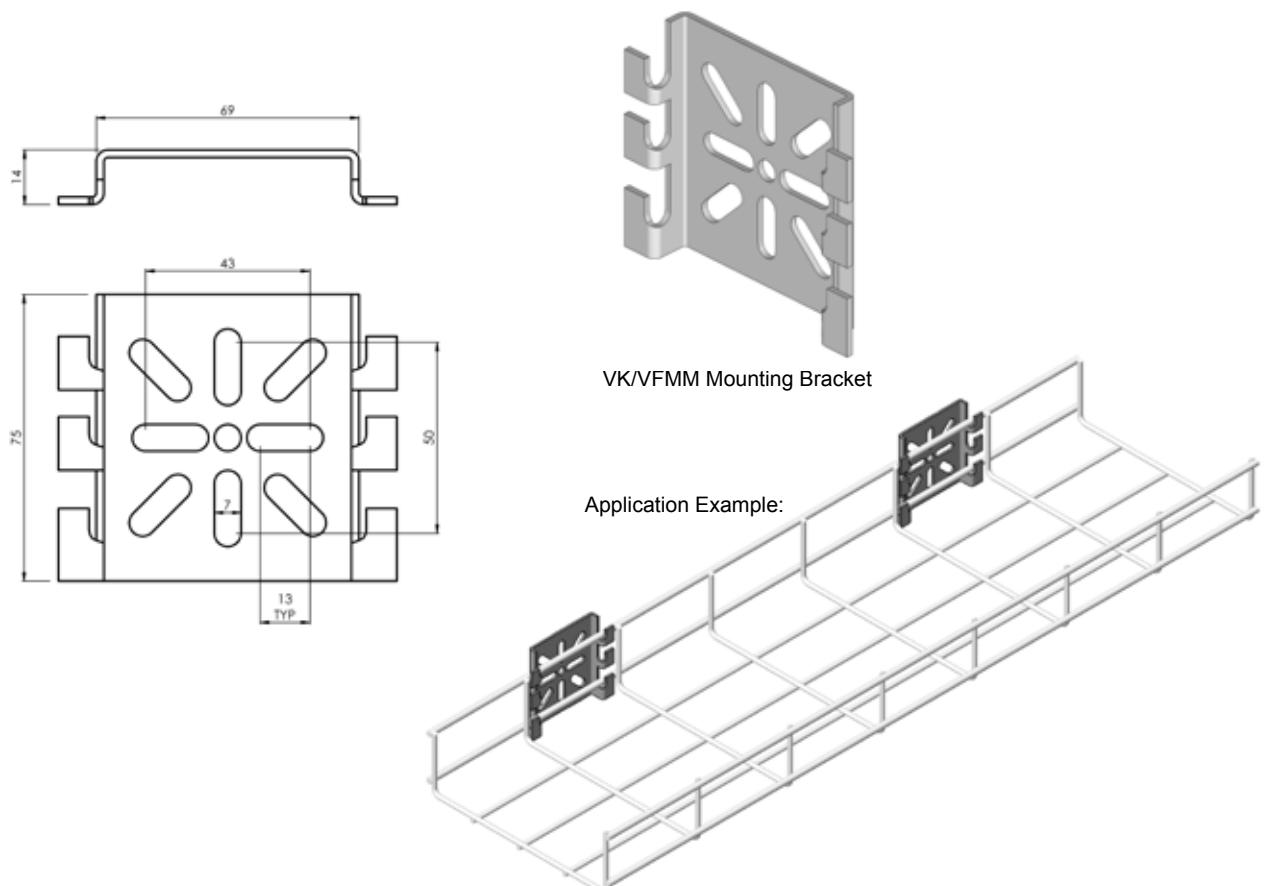
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CABLE MESH - ACCESSORIES

VK/SB Strengthening Bar

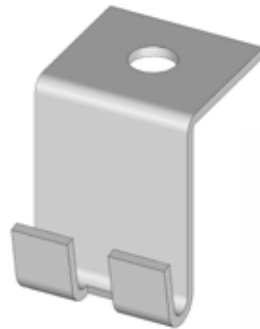
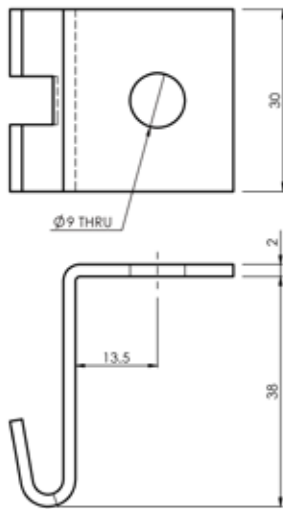


VK/VFMM Mounting Bracket



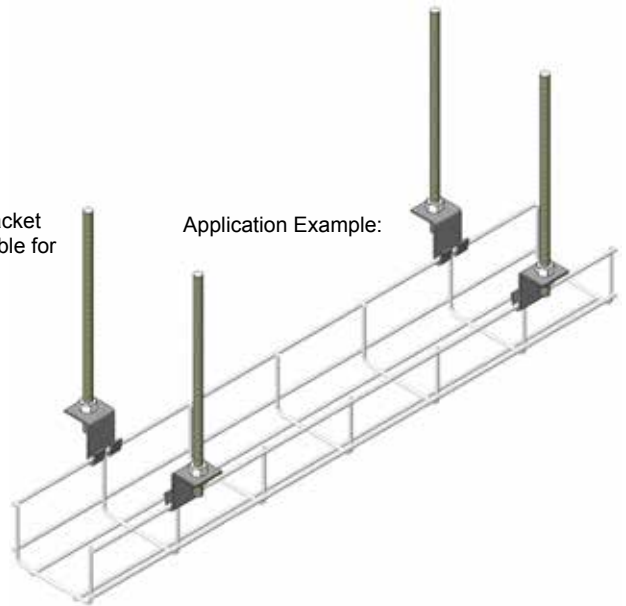
CABLE MESH - ACCESSORIES

VK/VFO FOR VF Mounting Bracket

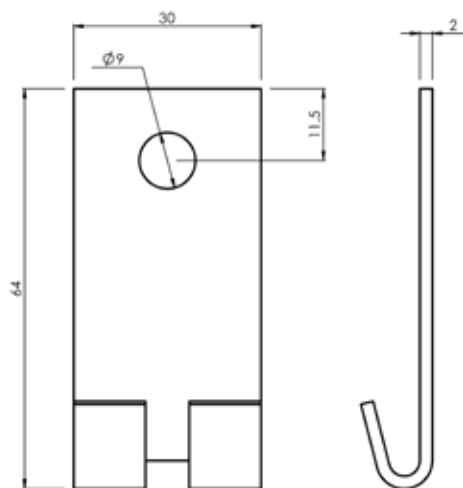


VK/VFO FOR VF Mounting Bracket
Note - this bracket is only suitable for up to 200mm wide Cable Mesh

Application Example:

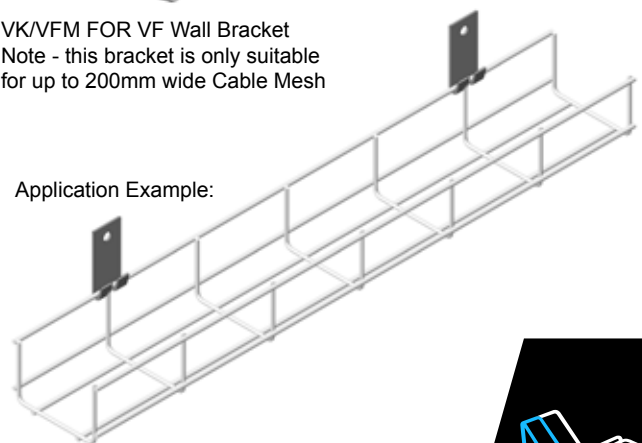


VK/VFM FOR VF Wall Bracket



VK/VFM FOR VF Wall Bracket
Note - this bracket is only suitable for up to 200mm wide Cable Mesh

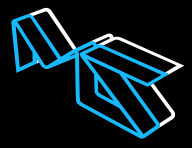
Application Example:



CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
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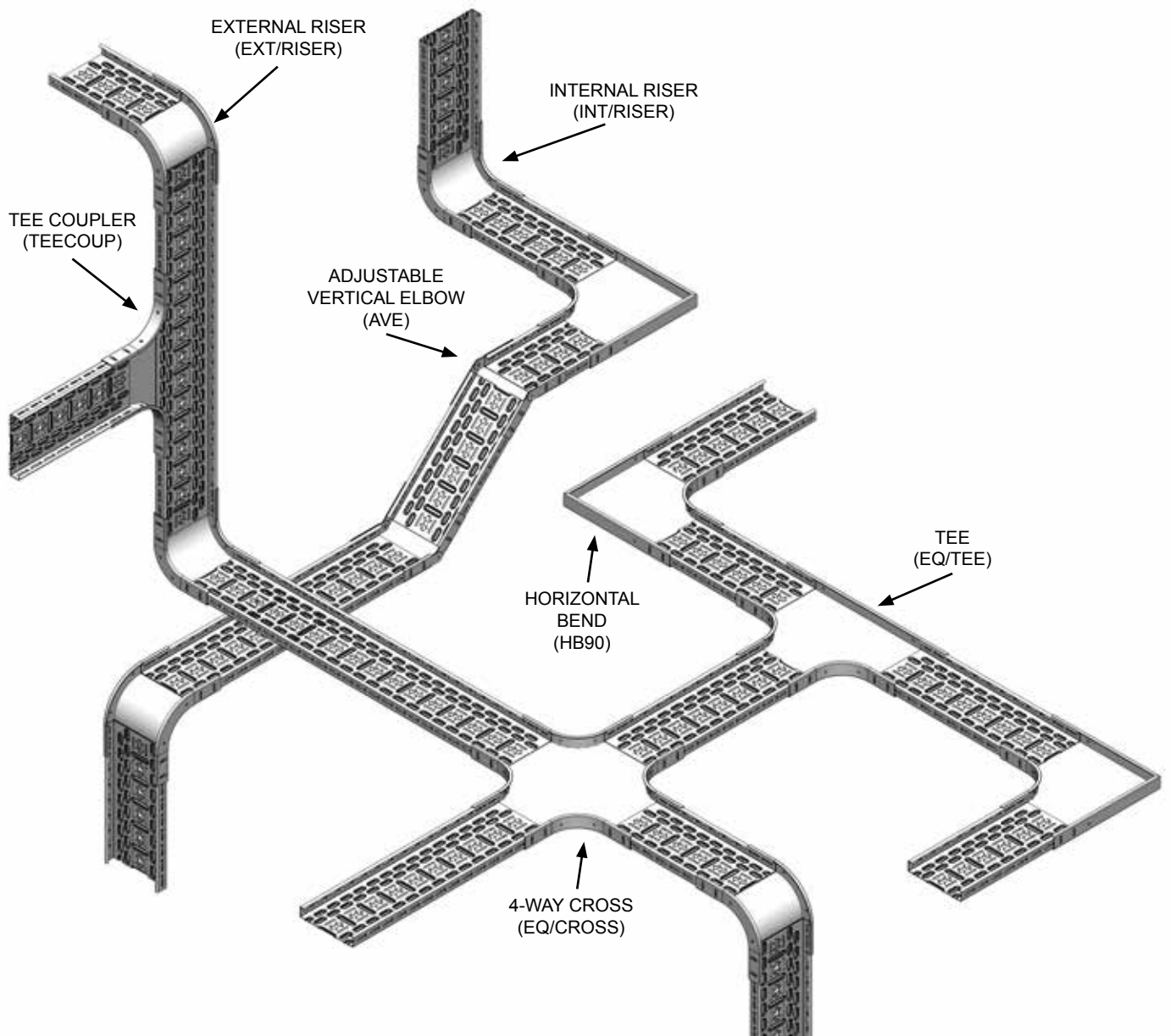
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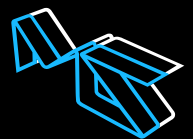
KIWI TRAY



CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
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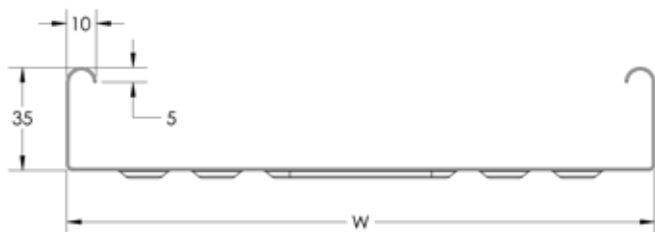


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KT35 CABLE TRAY

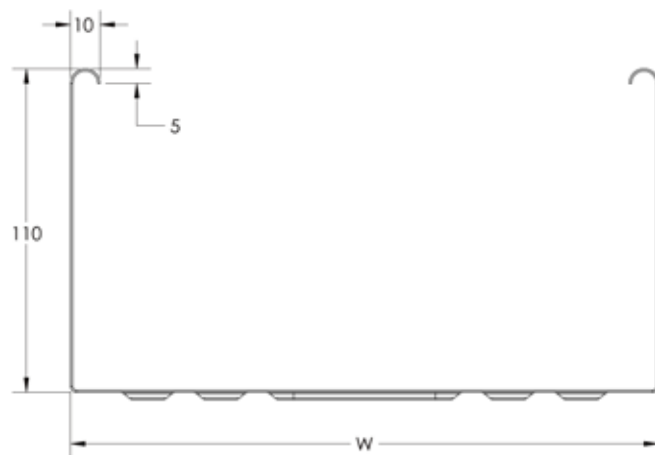


Standard Finish: Pre-Galvanised
Standard Length: 3.0m
Thickness: 0.75mm

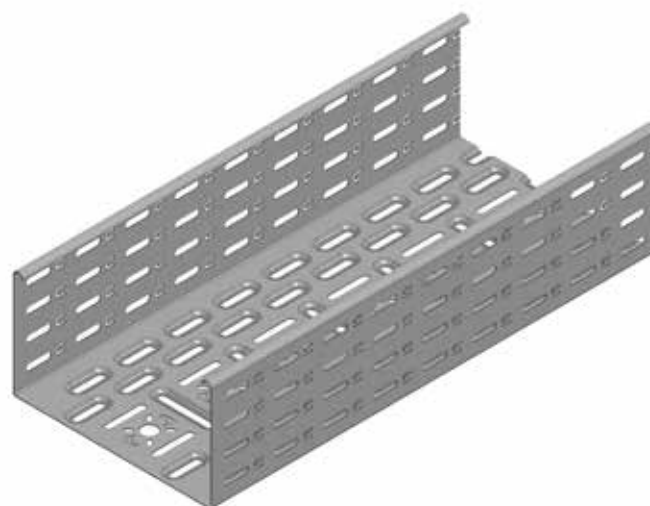


Height:	Width:	Part Number:	Finish:
35	100	KT35/100	PG / HDG
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35	200	KT35/200	PG / HDG
35	300	KT35/300	PG / HDG

KT110 CABLE TRAY

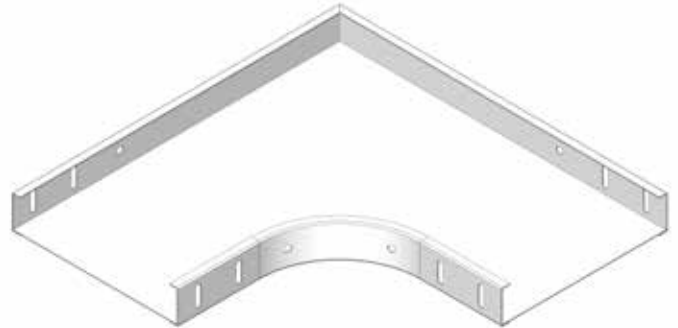
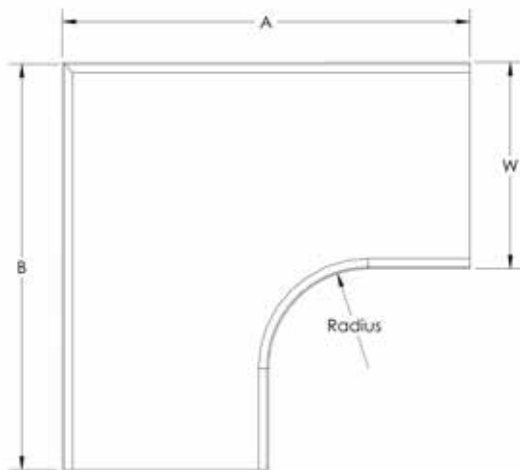


Standard Finish: Pre-Galvanised
Standard Length: 3.0m
Thickness: 0.75mm



Height:	Width:	Part Number:	Finish:
110	150	KT110/150	PG / HDG
110	200	KT110/200	PG / HDG
110	300	KT110/300	PG / HDG
110	400	KT110/400	PG / HDG

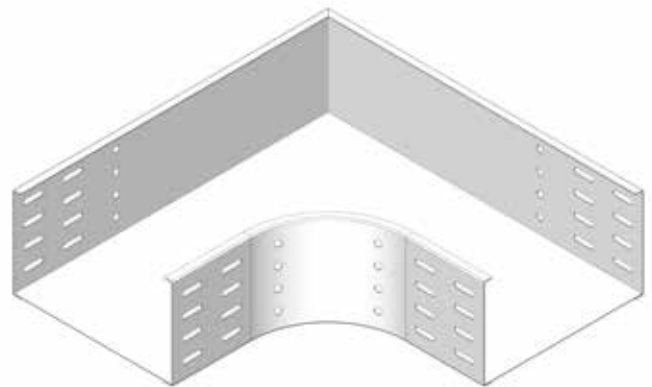
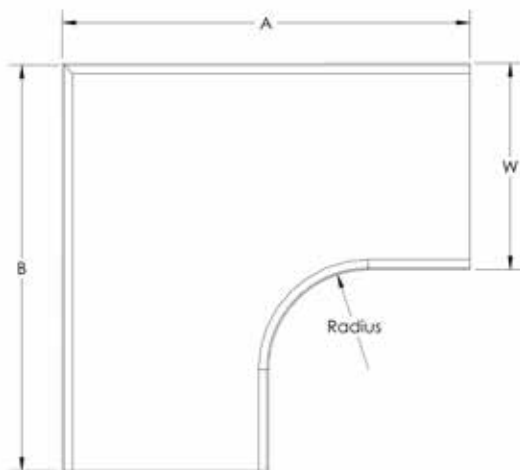
KT35 HORIZONTAL 90deg BEND



Standard Finish: Pre-Galvanised

Width W:	Length A:	Length B:	Radius:	Part Number:	Finish:
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150	355	355	100	KT35/HB90/150	PG / HDG
200	405	405	100	KT35/HB90/200	PG / HDG
300	505	505	100	KT35/HB90/300	PG / HDG

KT110 HORIZONTAL 90deg BEND

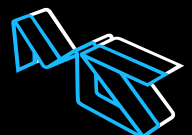


Standard Finish: Pre-Galvanised

Width W:	Length A:	Length B:	Radius:	Part Number:	Finish:
150	355	355	100	KT110/HB90/150	PG / HDG
200	405	405	100	KT110/HB90/200	PG / HDG
300	505	505	100	KT110/HB90/300	PG / HDG
400	605	605	100	KT110/HB90/400	PG / HDG

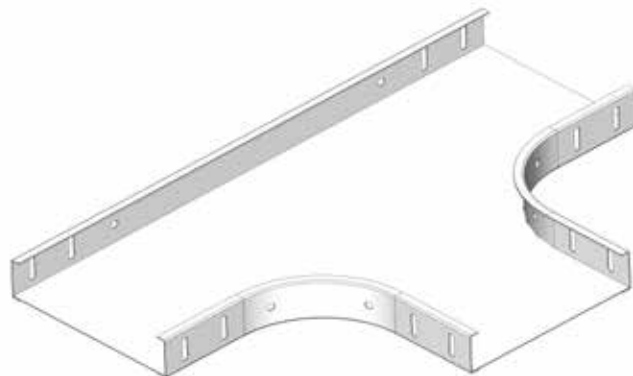
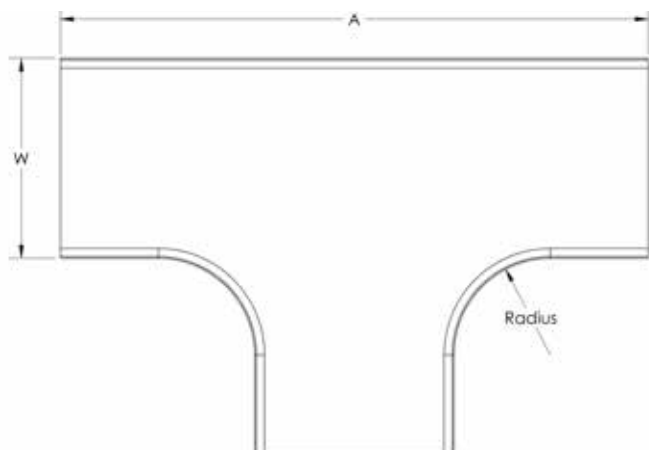


**CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018**



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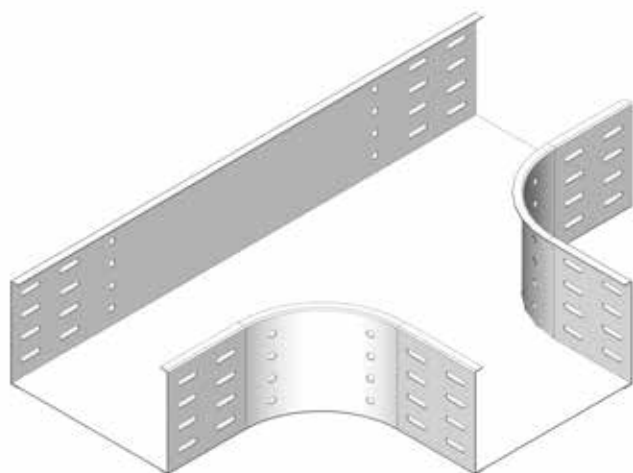
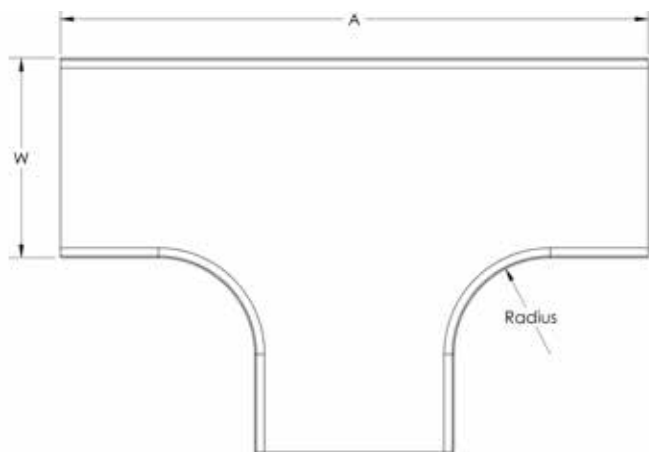
KT35 EQUAL TEE



Standard Finish: Pre-Galvanised

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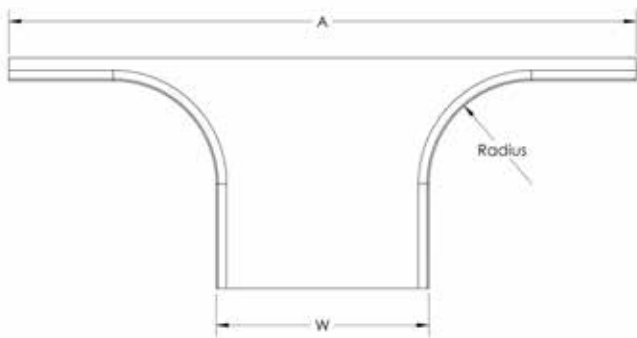
KT110 EQUAL TEE



Standard Finish: Pre-Galvanised

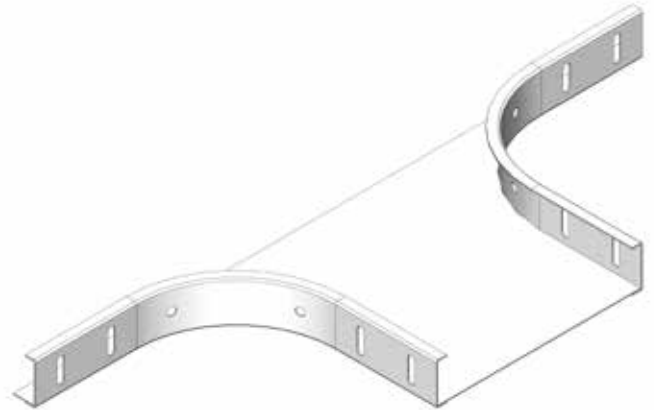
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200	608	100	KT110/EQTEE/200	PG / HDG
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400	808	100	KT110/EQTEE/400	PG / HDG

KT35 HORIZONTAL TEE COUPLER

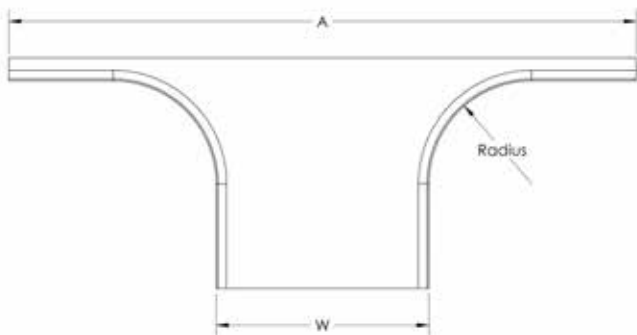


Standard Finish: Pre-Galvanised

Width:	Length A:	Radius:	Part Number:	Finish:
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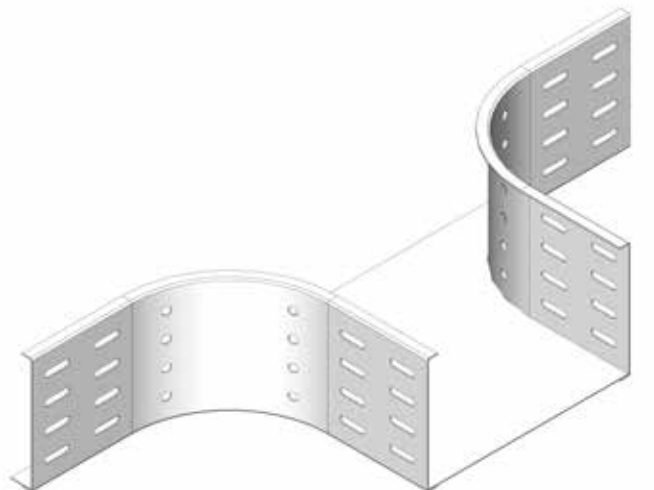


KT110 HORIZONTAL TEE COUPLER

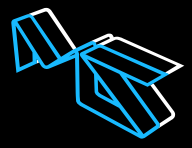


Standard Finish: Pre-Galvanised

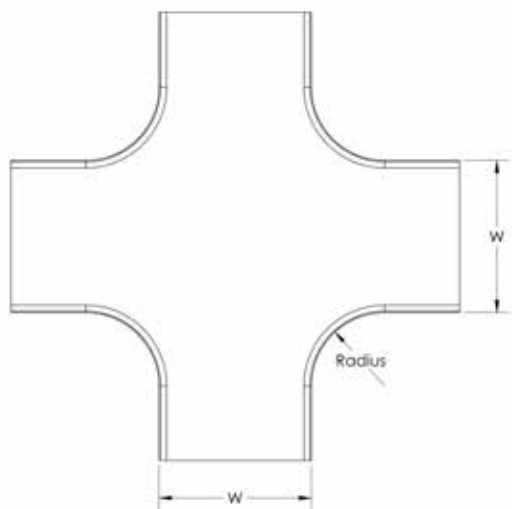
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200	608	100	KT110/TEECOUP/200	PG / HDG
300	708	100	KT110/TEECOUP/300	PG / HDG
400	808	100	KT110/TEECOUP/400	PG / HDG



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18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018**

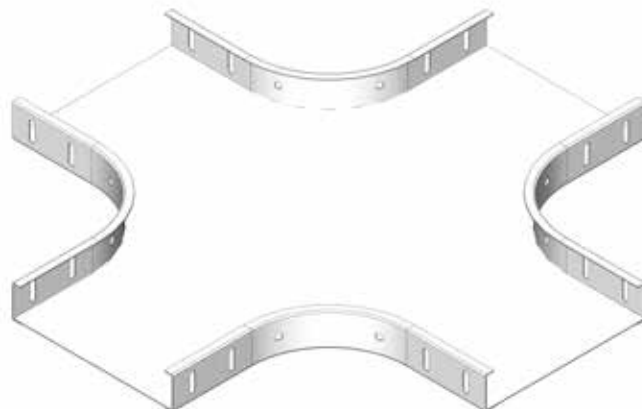


KT35 4-WAY CROSS

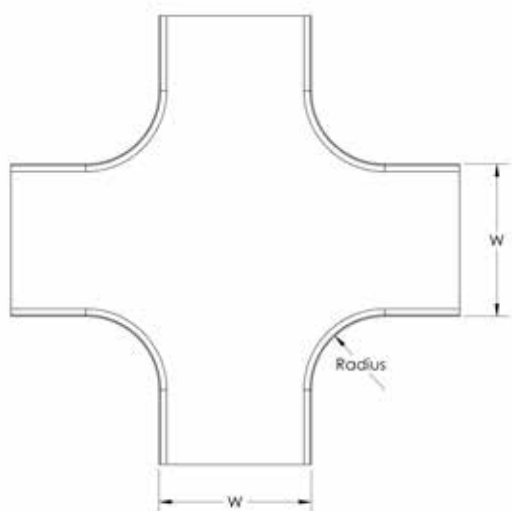


Standard Finish: Pre-Galvanised

Width:	Radius:	Part Number:	Finish:
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200	100	KT35/EQCROSS/200	PG / HDG
300	100	KT35/EQCROSS/300	PG / HDG

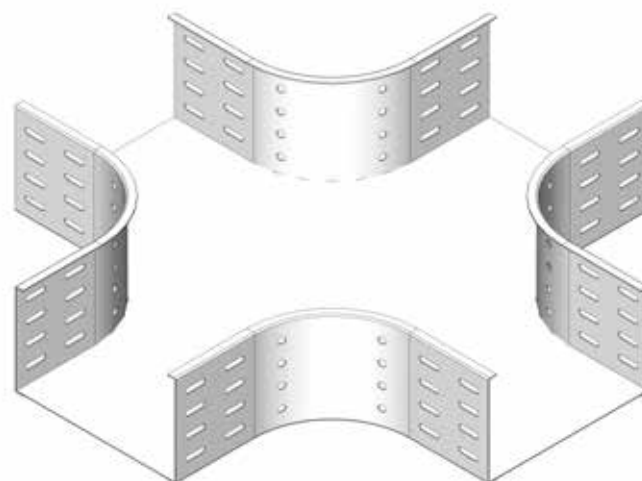


KT110 4-WAY CROSS

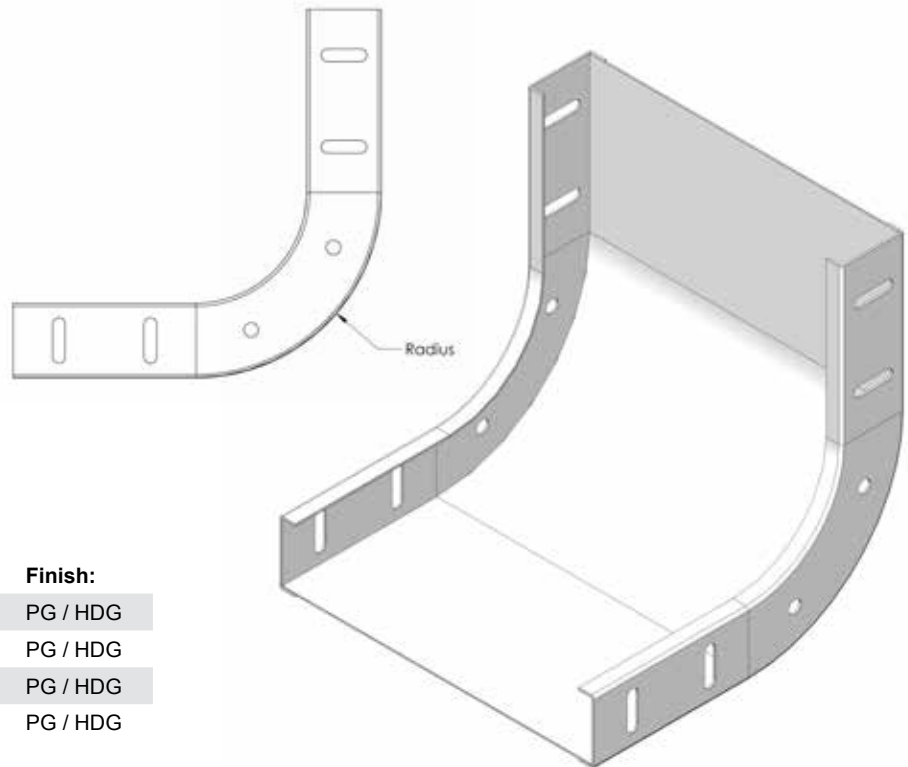
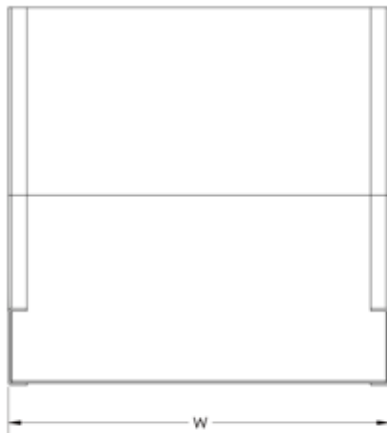


Standard Finish: Pre-Galvanised

Width:	Radius:	Part Number:	Finish:
150	100	KT110/EQCROSS/150	PG / HDG
200	100	KT110/EQCROSS/200	PG / HDG
300	100	KT110/EQCROSS/300	PG / HDG
400	100	KT110/EQCROSS/400	PG / HDG



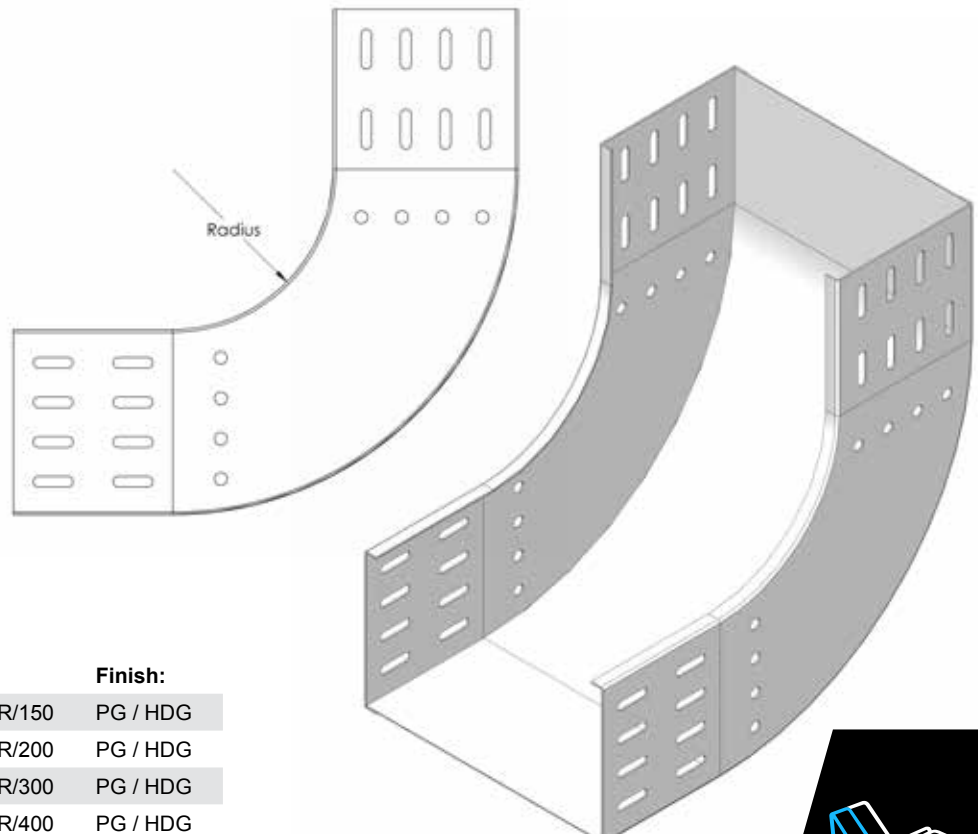
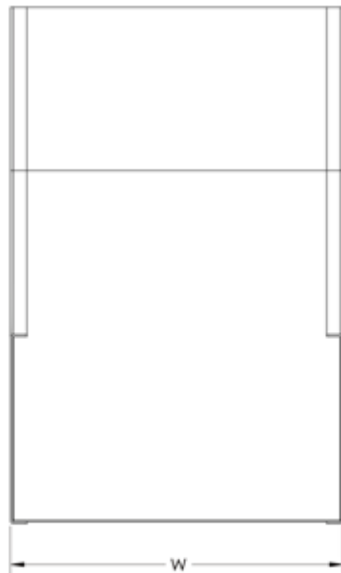
KT35 INTERNAL RISER



Standard Finish: Pre-Galvanised

Width:	Radius:	Part Number:	Finish:
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150	100	KT35/INTRISER/150	PG / HDG
200	100	KT35/INTRISER/200	PG / HDG
300	100	KT35/INTRISER/300	PG / HDG

KT110 INTERNAL RISER

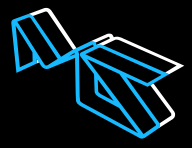


Standard Finish: Pre-Galvanised

Width:	Radius:	Part Number:	Finish:
150	100	KT110/INTRISER/150	PG / HDG
200	100	KT110/INTRISER/200	PG / HDG
300	100	KT110/INTRISER/300	PG / HDG
400	100	KT110/INTRISER/400	PG / HDG

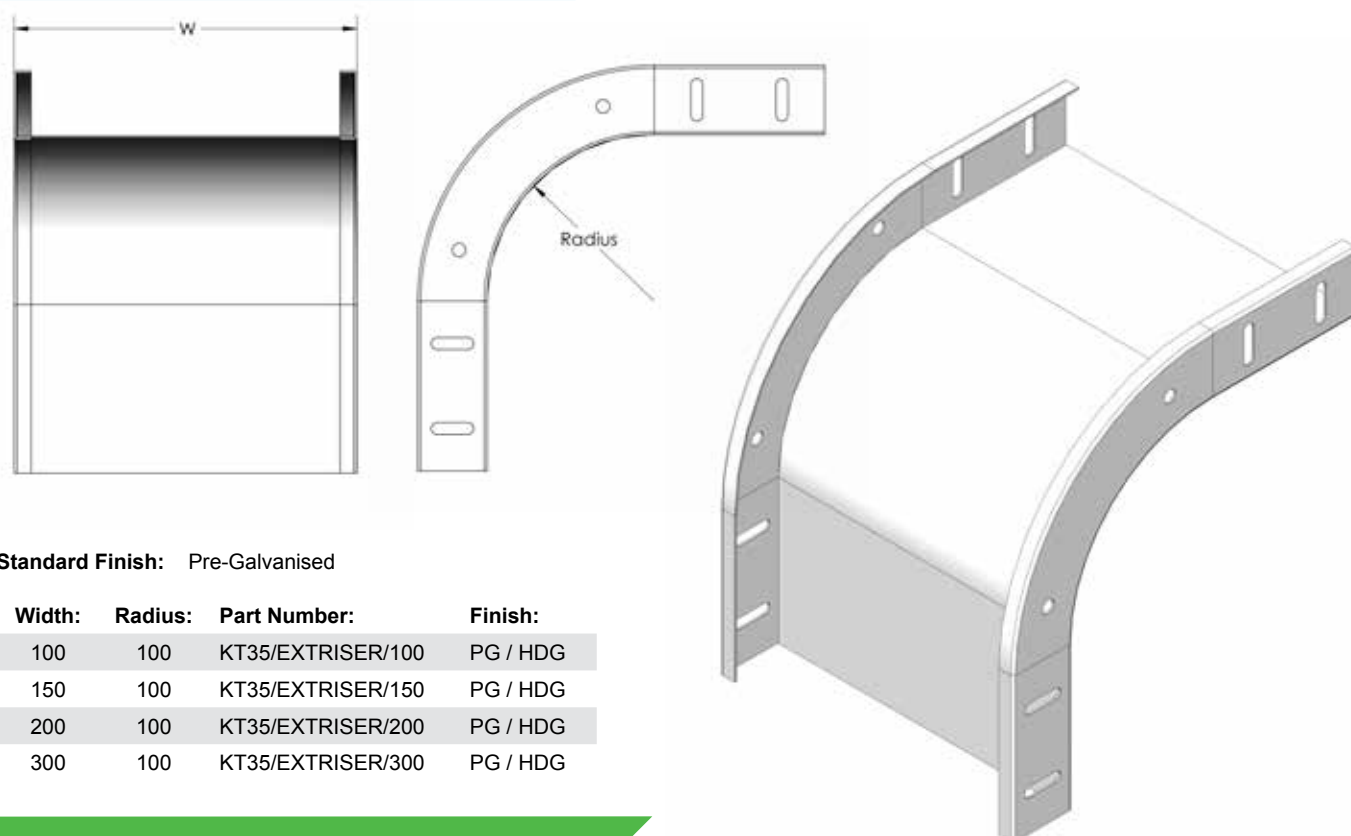


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18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018**



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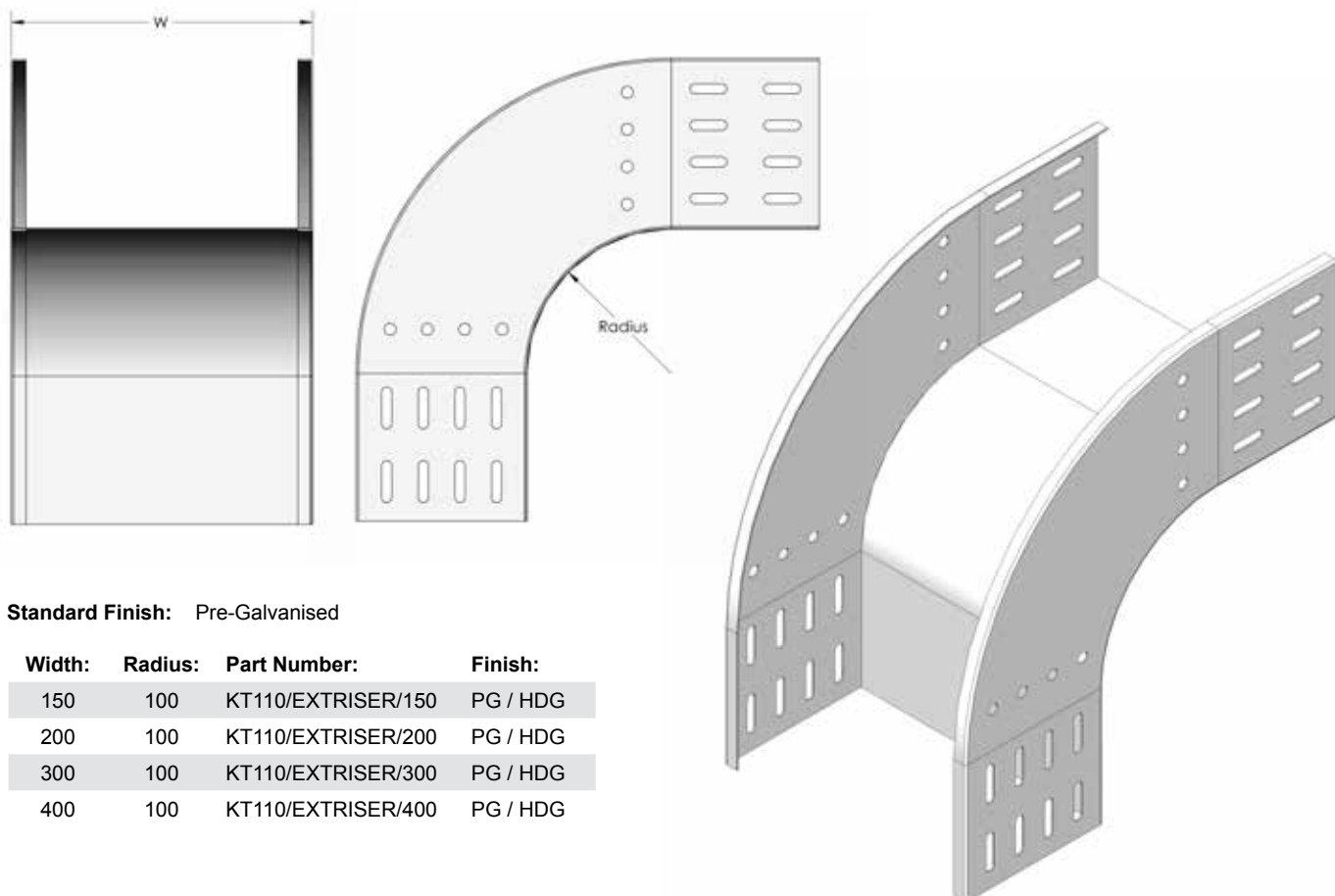
KT35 EXTERNAL RISER



Standard Finish: Pre-Galvanised

Width:	Radius:	Part Number:	Finish:
100	100	KT35/EXTRISER/100	PG / HDG
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200	100	KT35/EXTRISER/200	PG / HDG
300	100	KT35/EXTRISER/300	PG / HDG

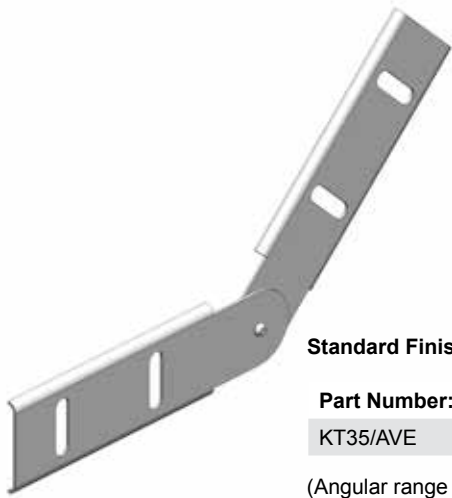
KT110 EXTERNAL RISER



Standard Finish: Pre-Galvanised

Width:	Radius:	Part Number:	Finish:
150	100	KT110/EXTRISER/150	PG / HDG
200	100	KT110/EXTRISER/200	PG / HDG
300	100	KT110/EXTRISER/300	PG / HDG
400	100	KT110/EXTRISER/400	PG / HDG

KT35 ADJUSTABLE VERTICAL ELBOW

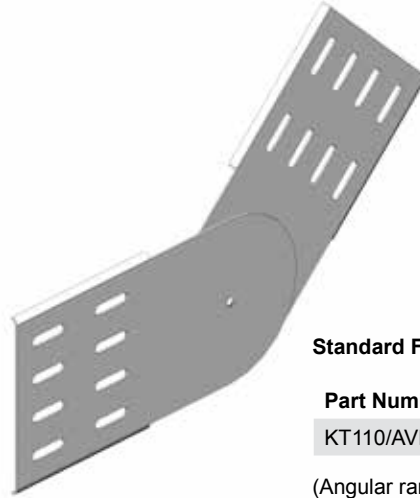


Standard Finish: Pre-Galvanised

Part Number:	Finish:
KT35/AVE	PG / HDG

(Angular range = +/- 90°)

KT110 ADJUSTABLE VERTICAL ELBOW

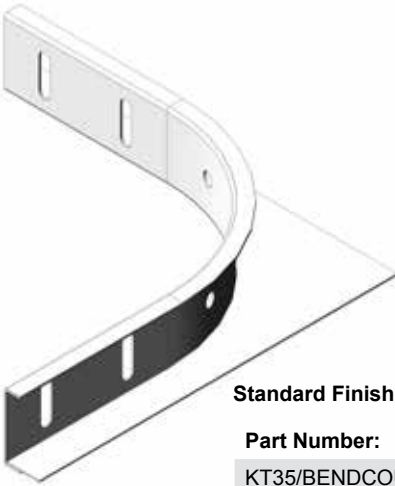


Standard Finish: Pre-Galvanised

Part Number:	Finish:
KT110/AVE	PG / HDG

(Angular range = +/- 90°)

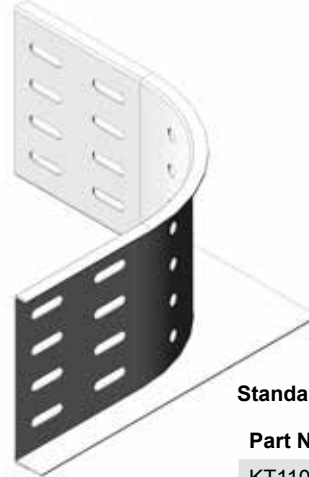
KT35 UNIVERSAL BEND COUPLER



Standard Finish: Pre-Galvanised

Part Number:	Finish:
KT35/BENDCOUPLER	PG / HDG

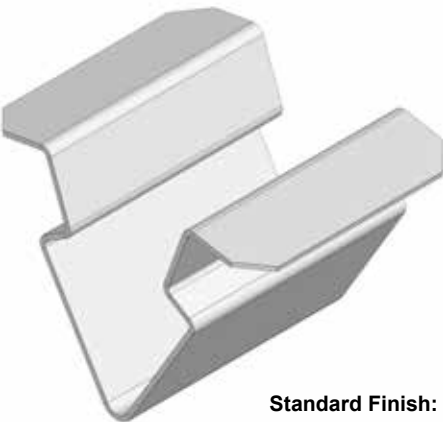
KT110 UNIVERSAL BEND COUPLER



Standard Finish: Pre-Galvanised

Part Number:	Finish:
KT110/BENDCOUPLER	PG / HDG

KT FAST LOCKING CLIP

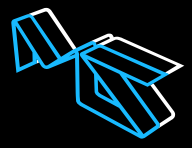


Standard Finish: Stainless Steel 316

Part Number:
KT/KBV



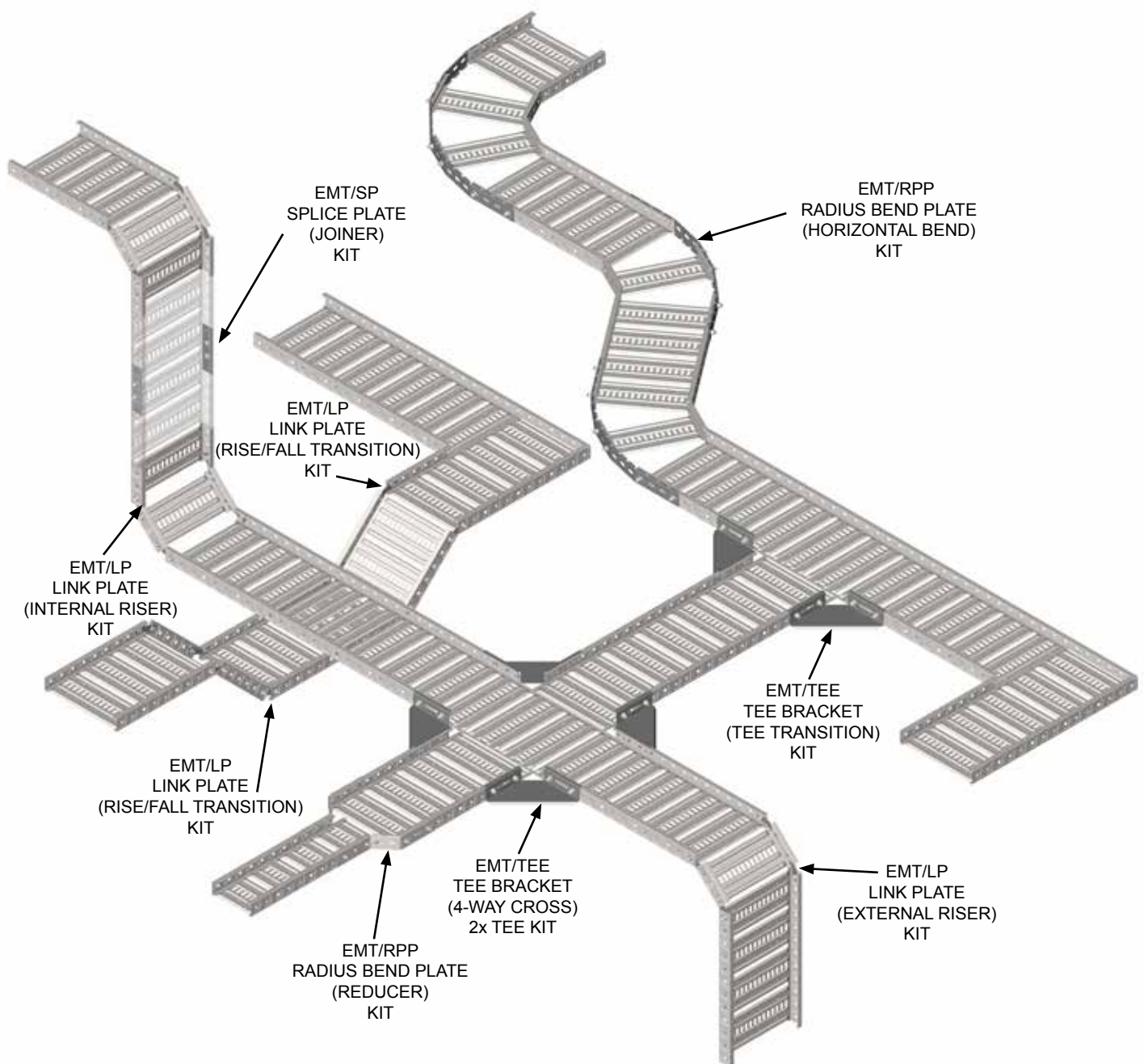
CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



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SYSTEMS



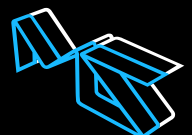
MEDIUM DUTY CABLE TRAY



CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



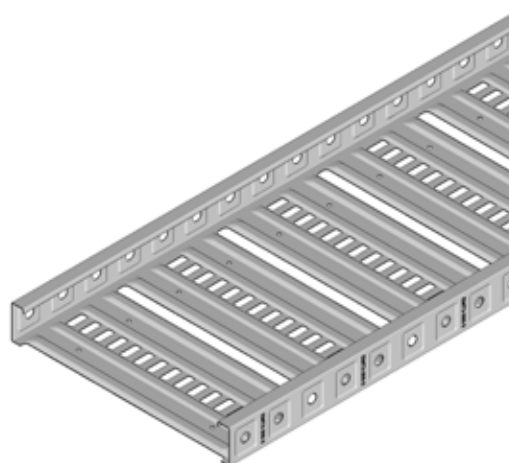
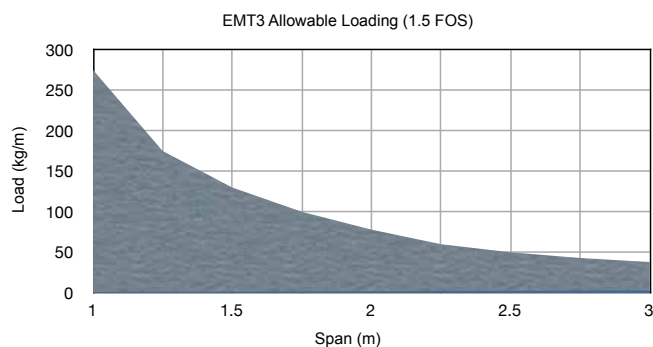
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MECHANICAL
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CABLE TRAY

EMT3 Cable Tray

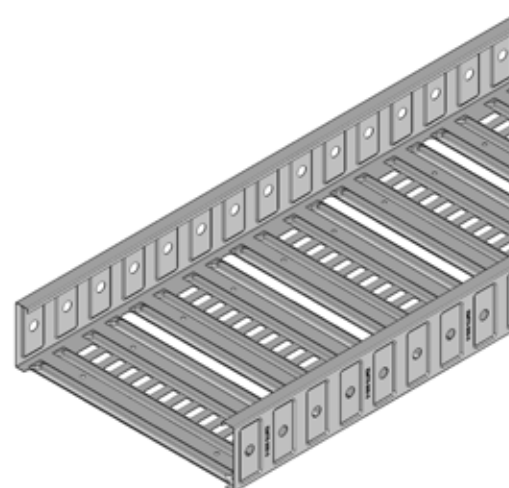
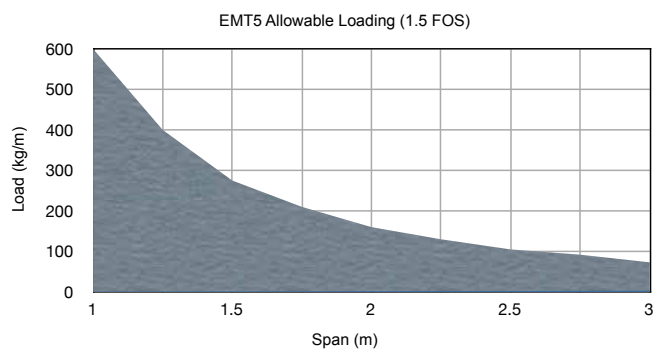
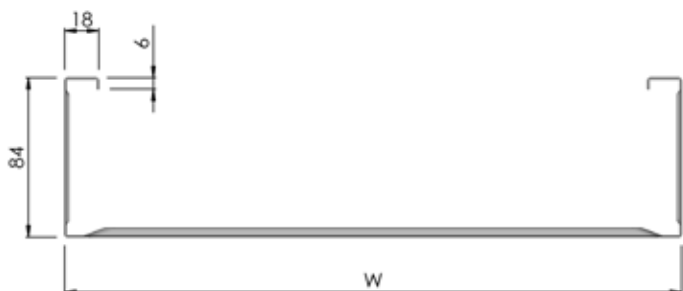


Standard Length: 3.0m
Standard Finish: Pre-Galvanised or Hot Dip Galvanised
Cable Laying Depth: 45mm

Width: Part Number:

176	EMT3/150
326	EMT3/300
476	EMT3/450
626	EMT3/600

EMT5 Cable Tray



Standard Length: 3.0m
Standard Finish: Pre-Galvanised or Hot Dip Galvanised
Cable Laying Depth: 79mm

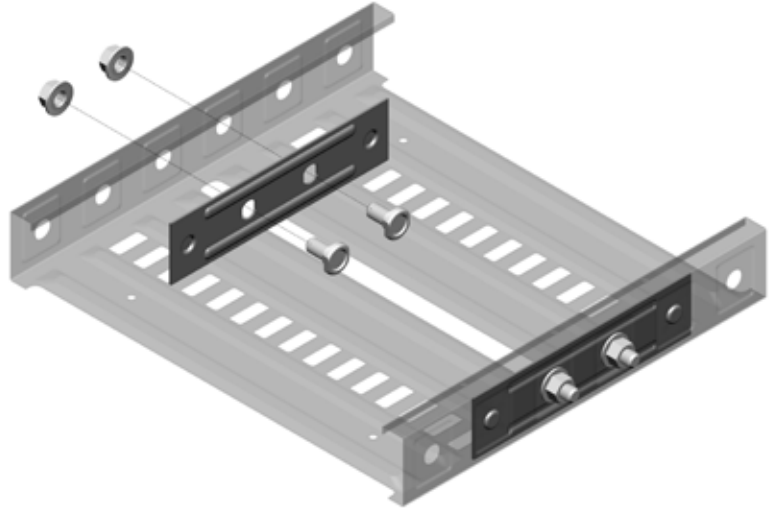
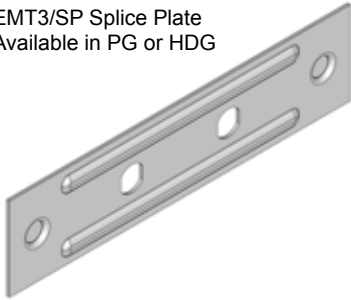
Width: Part Number:

176	EMT5/150
326	EMT5/300
476	EMT5/450
626	EMT5/600

CABLE TRAY - ACCESSORIES

EMT3/SP KIT

EMT3/SP Splice Plate
Available in PG or HDG

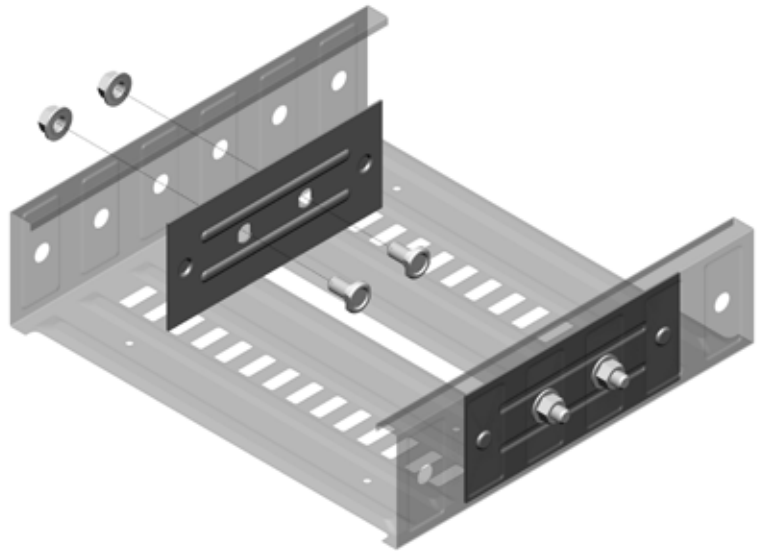
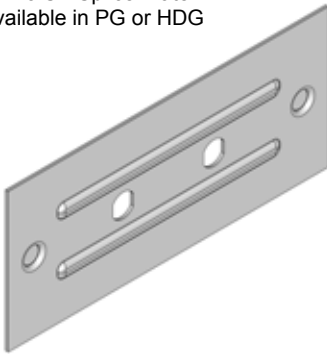


KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	Splice Plate	2	PG / HDG
	Tray Bolt	4	PG / HDG
	Tray Nut	4	PG / HDG

EMT5/SP KIT

EMT5/SP Splice Plate
Available in PG or HDG

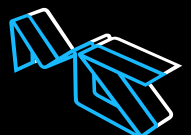


KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	Splice Plate	2	PG / HDG
	Tray Bolt	4	PG / HDG
	Tray Nut	4	PG / HDG



CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



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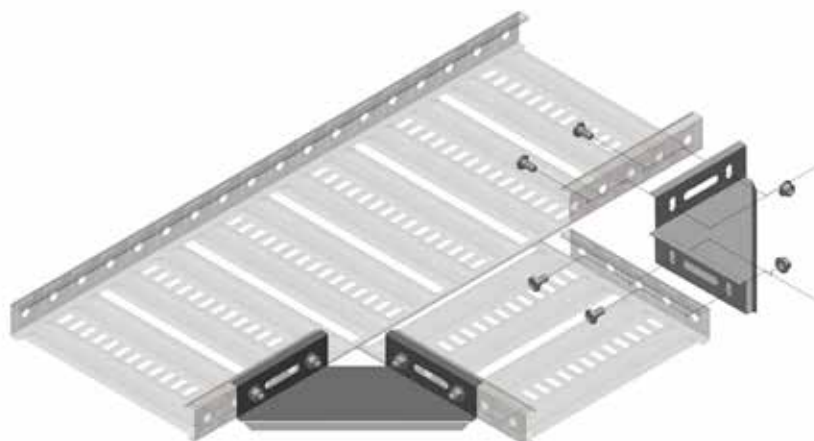
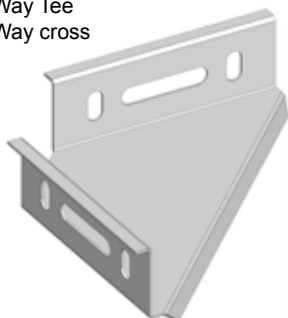
CABLE TRAY - ACCESSORIES

EMT3/TEE KIT

Use:

2 Brackets to make a 3-Way Tee

4 Brackets to make a 4-Way cross



KIT COMPONENTS:

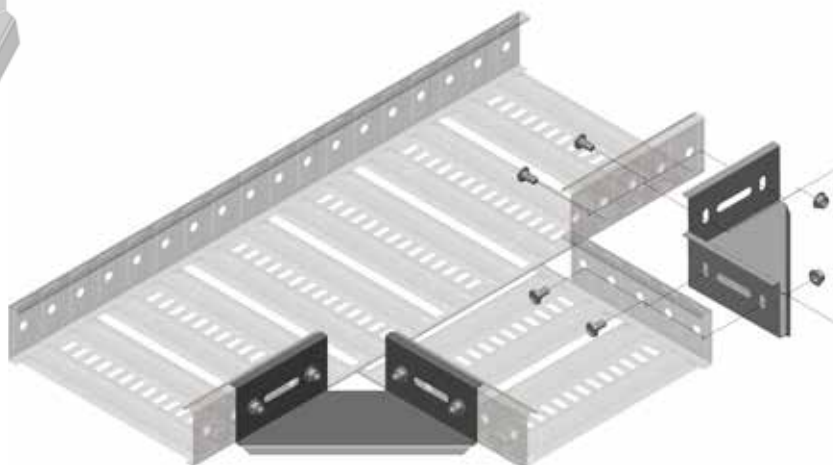
ITEM	DESCRIPTION	QTY	FINISH
	TEE Bracket	2	PG / HDG
	Tray Bolt	8	PG / HDG
	Tray Nut	8	PG / HDG

EMT5/TEE KIT

Use:

2 Brackets to make a 3-Way Tee

4 Brackets to make a 4-Way cross

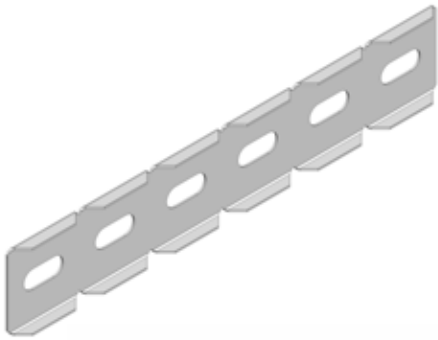


KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	TEE Bracket	2	PG / HDG
	Tray Bolt	8	PG / HDG
	Tray Nut	8	PG / HDG

CABLE TRAY - ACCESSORIES

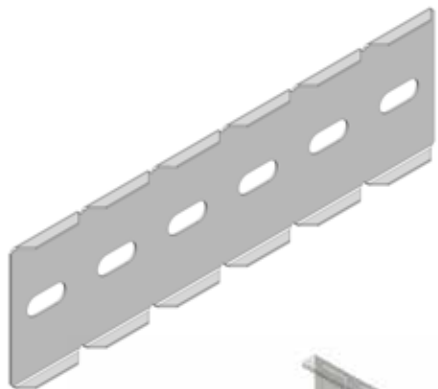
EMT3/RPP KIT



KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	Radius Plate	1	PG / HDG
	Tray Bolt	12	PG / HDG
	Tray Nut	12	PG / HDG

EMT5/RPP KIT



KIT COMPONENTS:

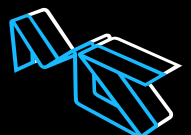
ITEM	DESCRIPTION	QTY	FINISH
	Radius Plate	1	PG / HDG
	Tray Bolt	12	PG / HDG
	Tray Nut	12	PG / HDG



CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



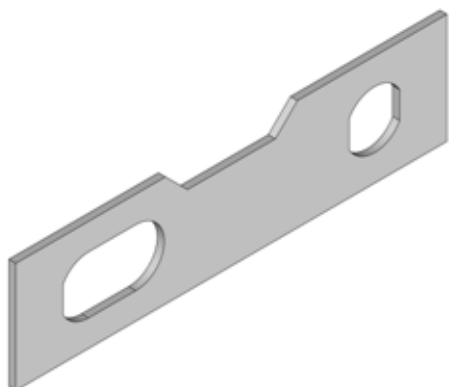
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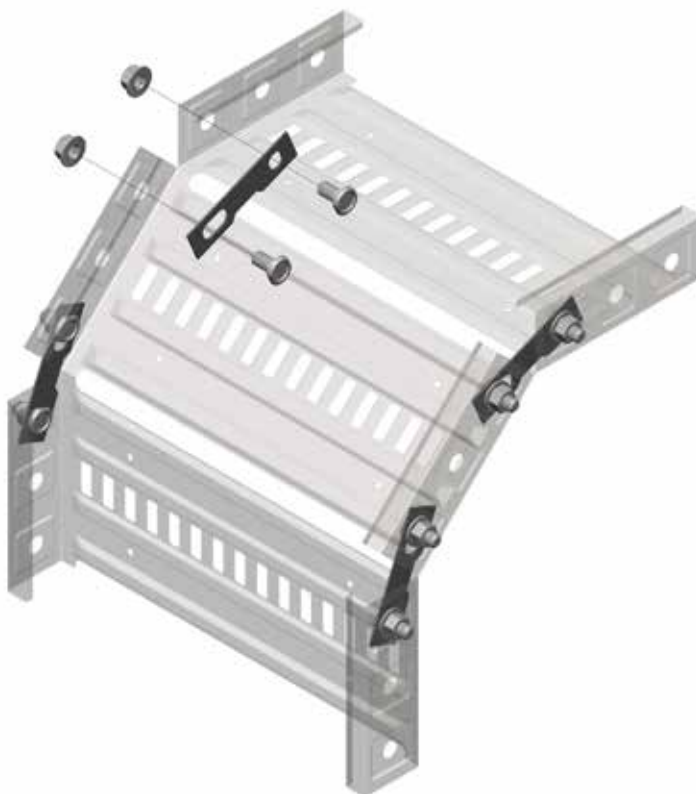
CABLE TRAY - ACCESSORIES

EMT3/LP KIT

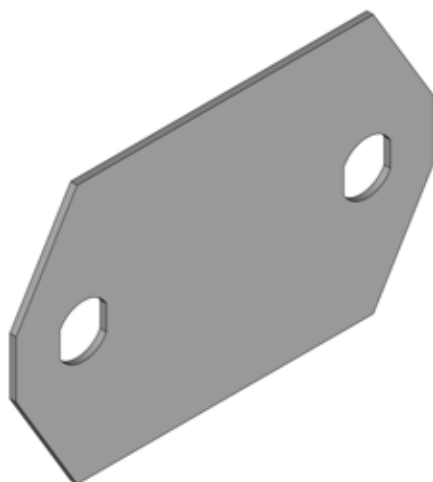


KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	Link Plate	4	PG / HDG
	Tray Bolt	8	PG / HDG
	Tray Nut	8	PG / HDG

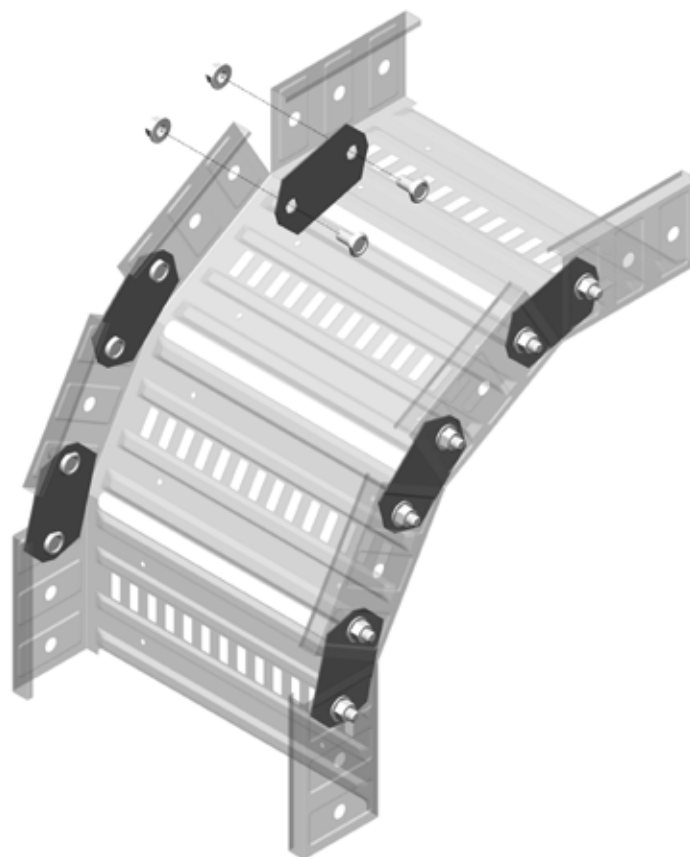


EMT5/LP KIT



KIT COMPONENTS:

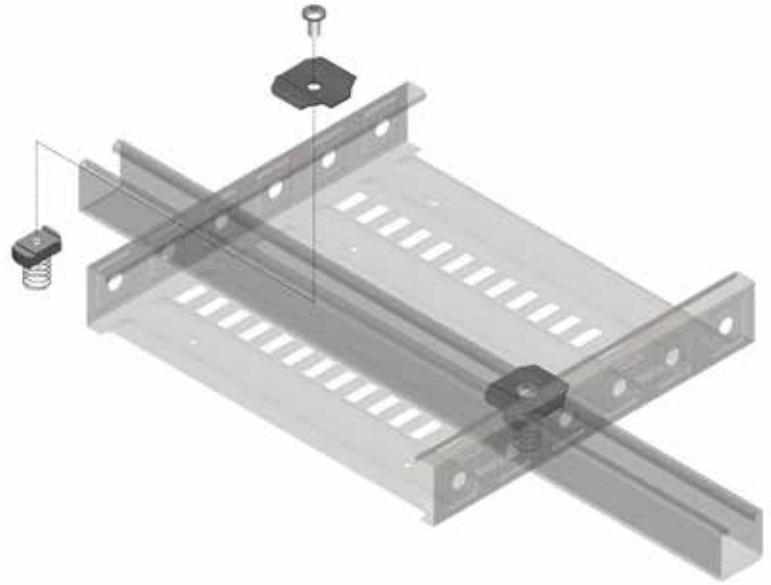
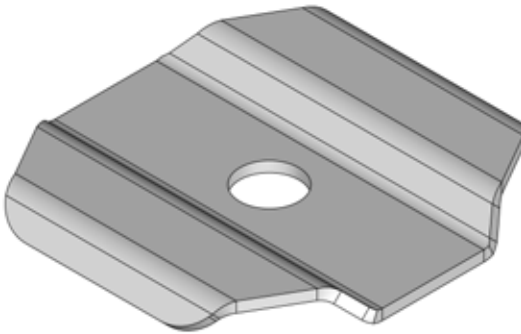
ITEM	DESCRIPTION	QTY	FINISH
	Link Plate	6	PG / HDG
	Tray Bolt	12	PG / HDG
	Tray Nut	12	PG / HDG



CABLE TRAY - ACCESSORIES

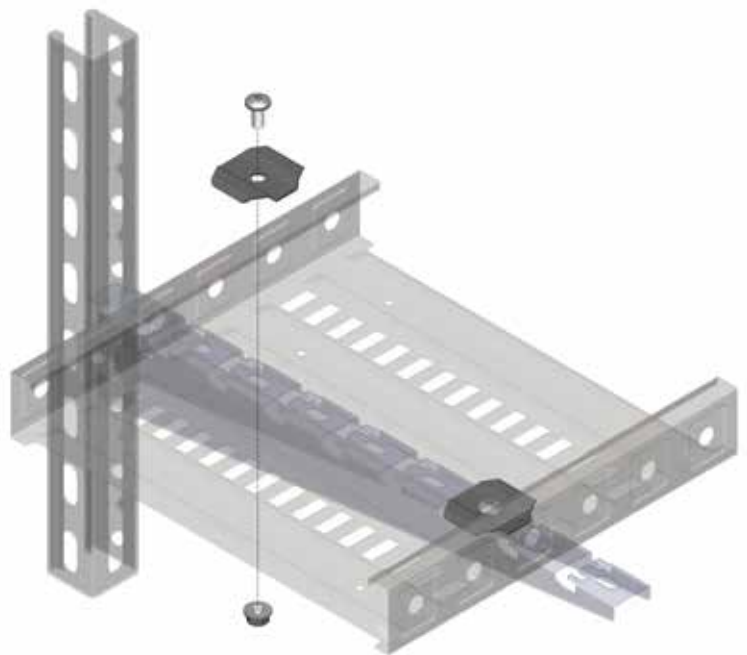
EMT/HDW KIT

EMT/HDW Hold Down Washer
Suitable for EMT3 and EMT5 Series Cable Tray



KIT COMPONENTS:

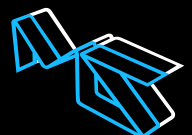
ITEM	DESCRIPTION	QTY	FINISH
	Hold Down Washer	2	PG / HDG
	Pan Head Pozi Drive	2	PG / HDG
	Spring Nut	2	PG / HDG
	Round Washer	2	PG / HDG
	Flange Nut	2	PG / HDG



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18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



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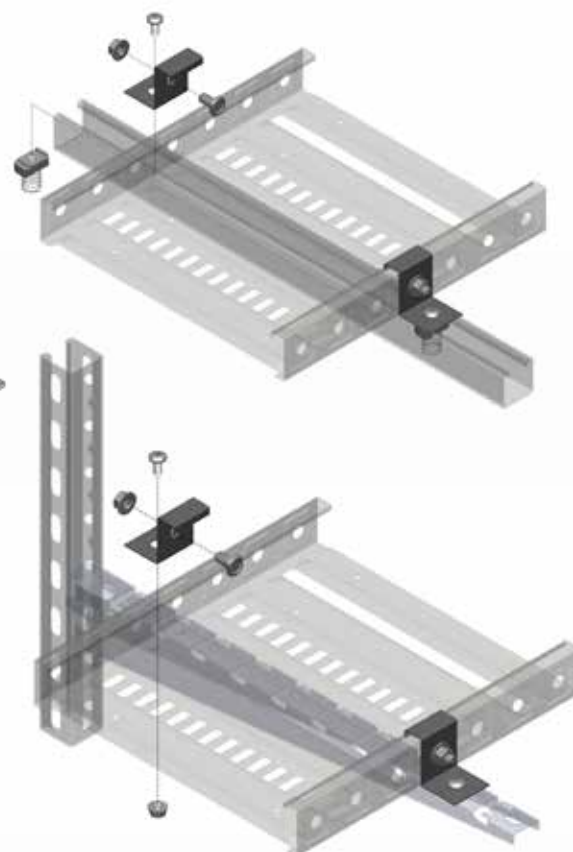
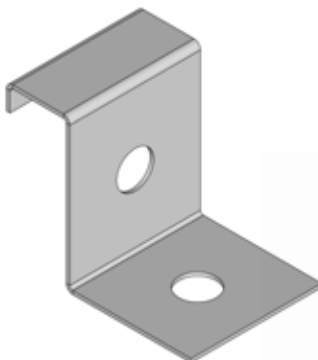
MECHANICAL
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CABLE TRAY - ACCESSORIES

EMT3/EXT/HDB KIT

KIT COMPONENTS:

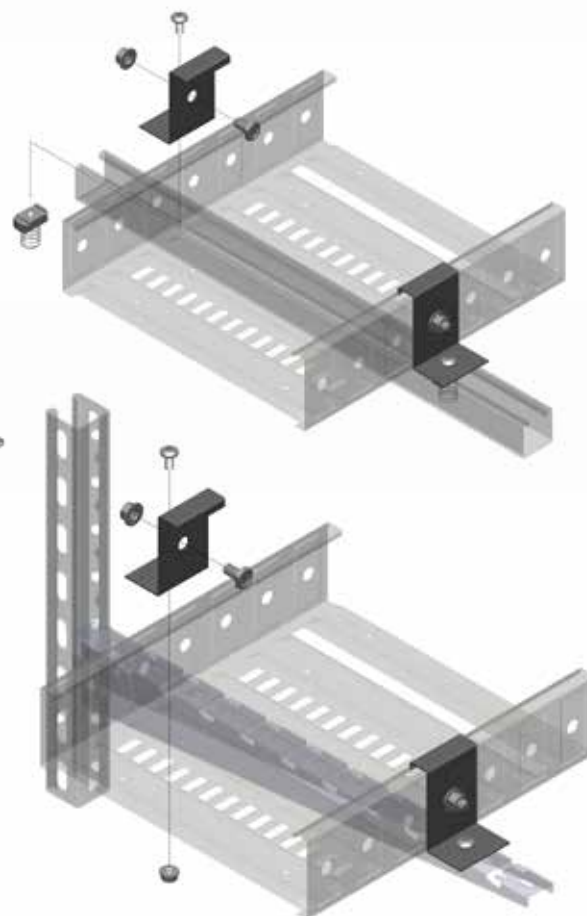
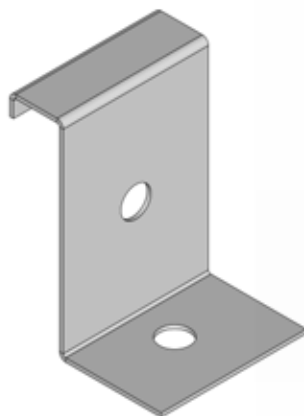
ITEM	DESCRIPTION	QTY	FINISH
	Hold Down Bracket	2	PG / HDG
	Tray Bolt	2	PG / HDG
	Tray Nut	2	PG / HDG
	Pan Head Pozi Drive	2	PG / HDG
	Spring Nut	2	PG / HDG
	Washer	2	PG / HDG
	Flange Nut	2	PG / HDG



EMT5/EXT/HDB KIT

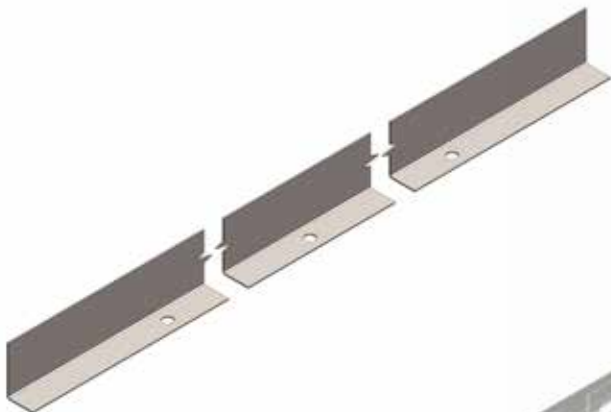
KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	Hold Down Bracket	2	PG / HDG
	Tray Bolt	2	PG / HDG
	Tray Nut	2	PG / HDG
	Pan Head Pozi Drive	2	PG / HDG
	Spring Nut	2	PG / HDG
	Washer	2	PG / HDG
	Flange Nut	2	PG / HDG

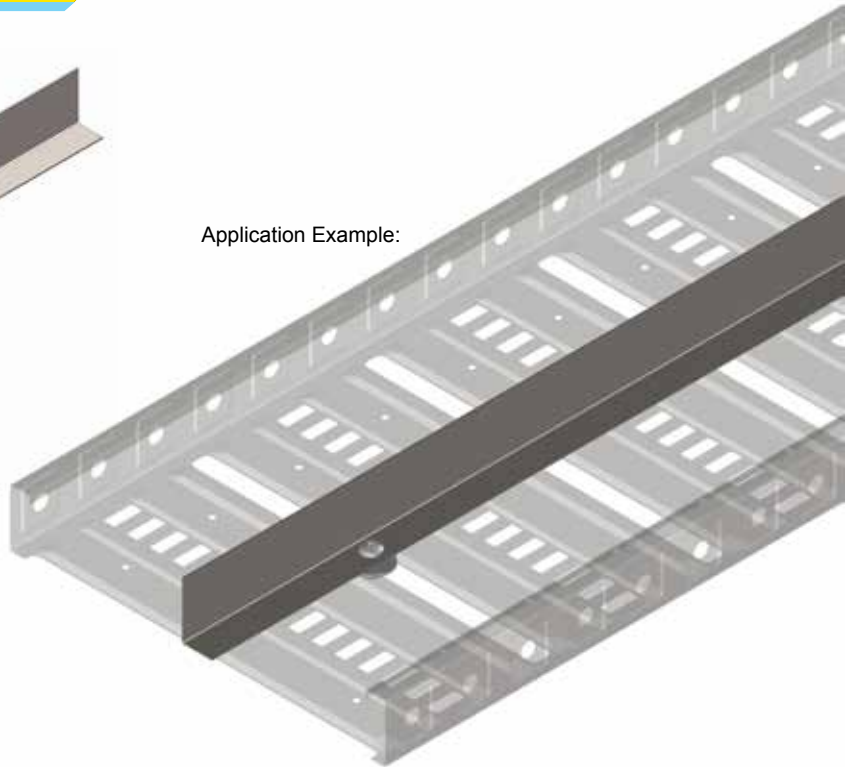


CABLE TRAY - ACCESSORIES

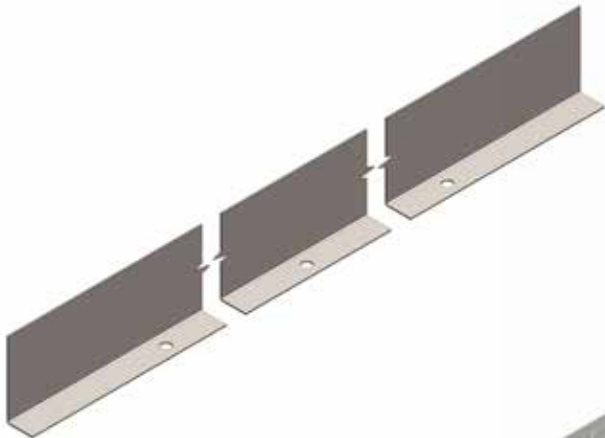
EMT3/DIVIDER STRIP



Application Example:



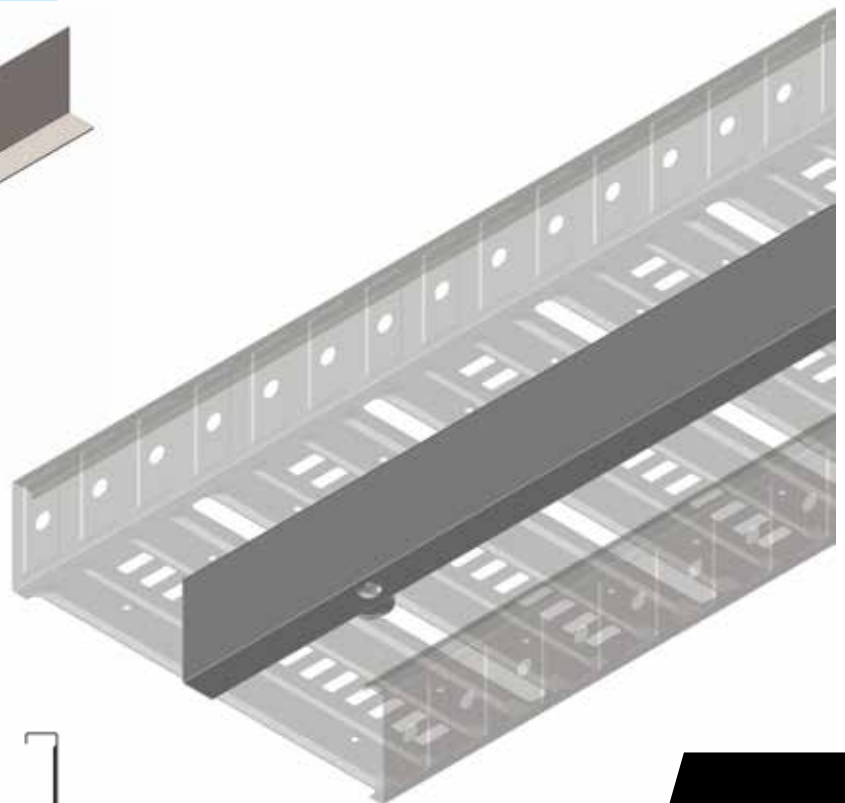
EMT5/DIVIDER STRIP



FASTENERS SOLD SEPARATELY:

PHSM08X16 (x3)
PWSM08 (x3)
HNFM08 (x3)

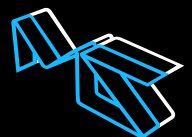
Fastening Principle:



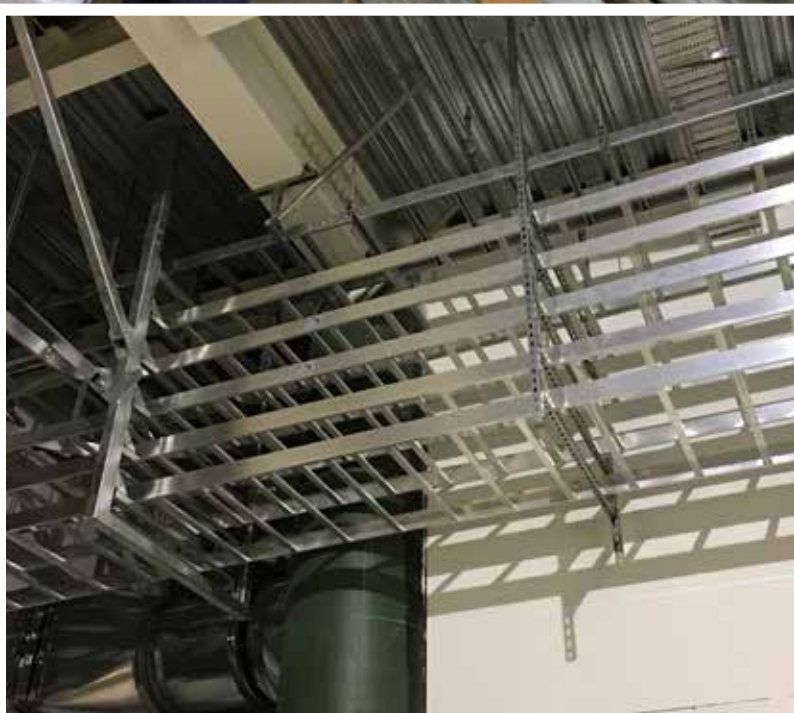
CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



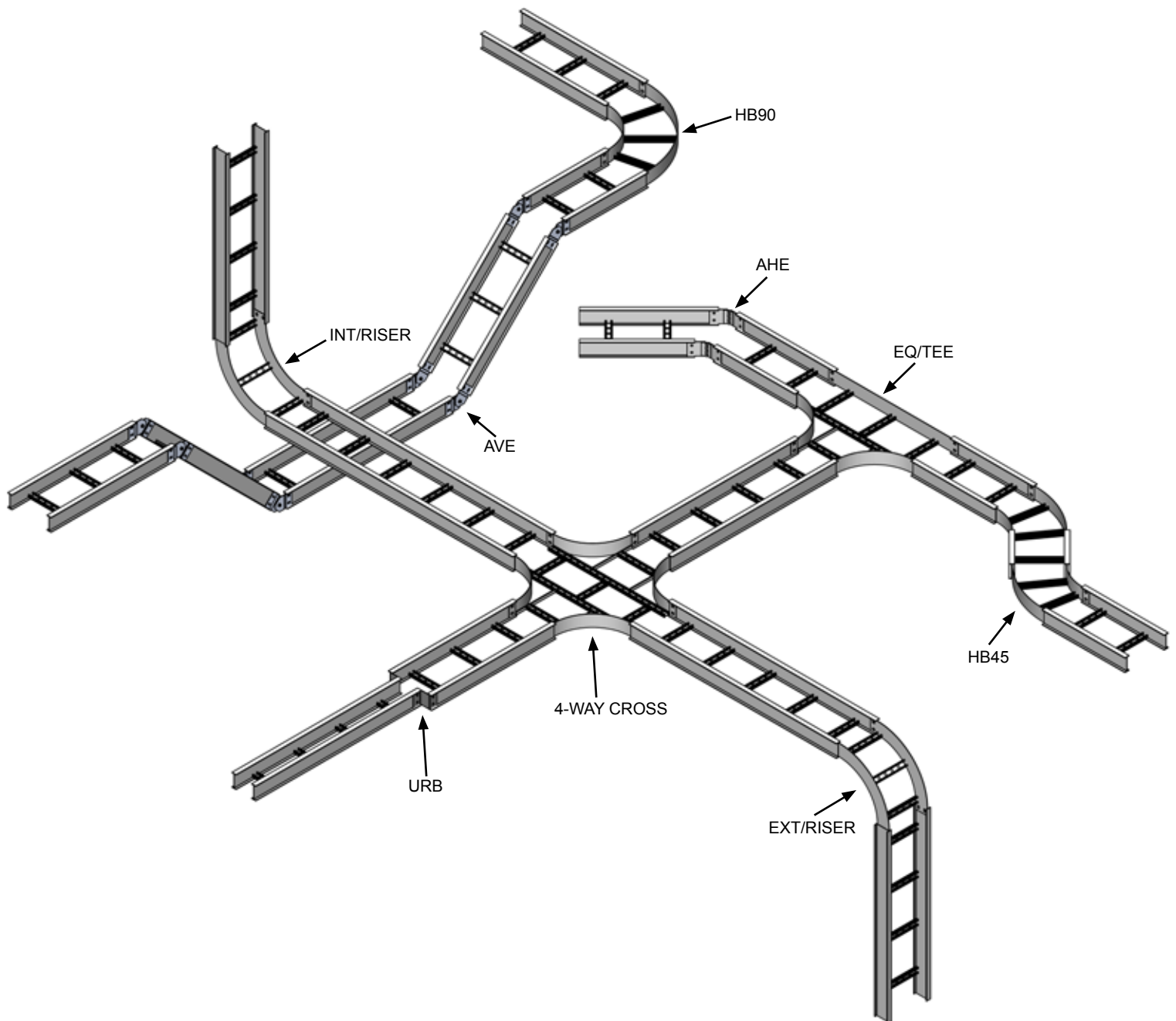
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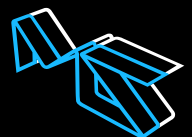
CABLE LADDER



CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



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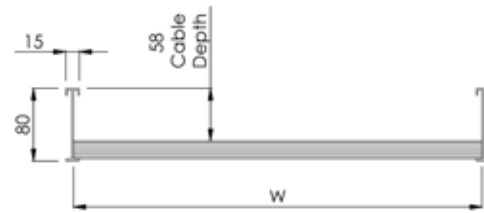
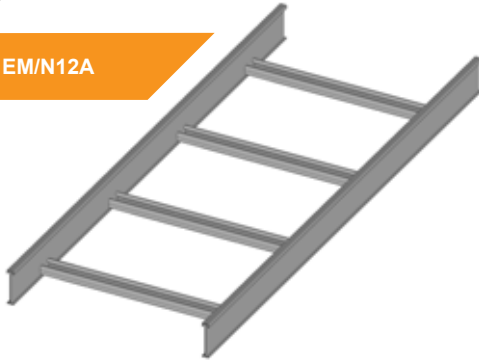
MECHANICAL
SUPPORT
SYSTEMS

CABLE LADDER

NEMA Aluminium Cable Ladder
Width 150, 300, 450, 600, 750, 900

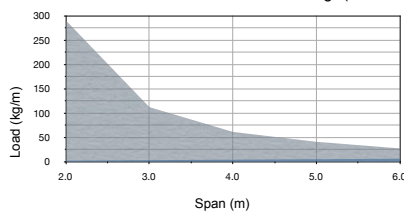
ORDER CODE: EM/N12A/(Insert width) AL
eg: EM/N12A/300 AL

EM/N12A



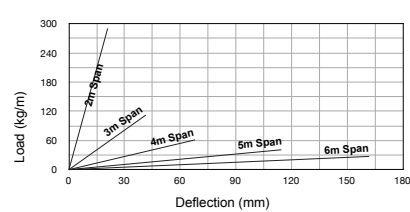
Cable Laying Depth: 58mm
Basic Load Capacity: 112kg/m @ 3m span
Standard Length: 6.0m
Rung Spacing: 300mm Nom.
Material: Aluminium

EM/N12A Cable Ladder Allowable Loading* (1.5 FOS)



*Maximum allowable loads are determined by the failure of a single span using a factor of safety of 1.5. It is generally recommended to not use an unsupported span greater than 2m.

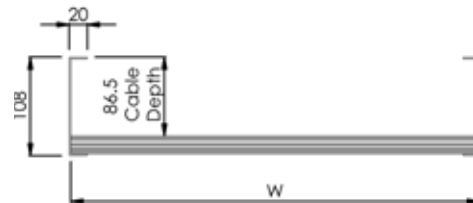
EM/N12A Cable Ladder Deflection**



**Deflection shown above is to be used as a guide only. Actual deflection may vary depending on installation factors (such as location of connectors and support etc).

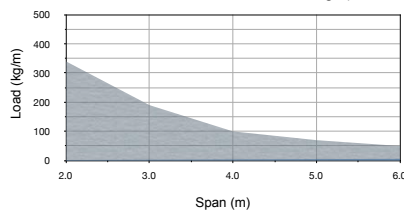
ORDER CODE: EM/N12B/(Insert width) AL
eg: EM/N12B/300 AL

EM/N12B



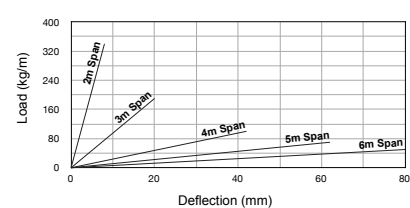
Cable Laying Depth: 86.5mm
Basic Load Capacity: 190kg/m @ 3m span
Standard Length: 6.0m
Rung Spacing: 300mm Nom.
Material: Aluminium

EM/N12B Cable Ladder Allowable Loading* (1.5 FOS)



*Maximum allowable loads are determined by the failure of a single span using a factor of safety of 1.5. It is generally recommended to not use an unsupported span greater than 2m.

EM/N12B Cable Ladder Deflection**



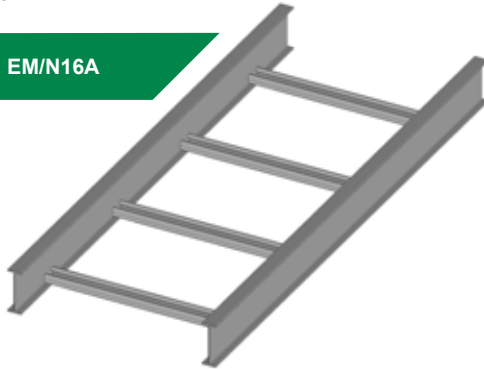
**Deflection shown above is to be used as a guide only. Actual deflection may vary depending on installation factors (such as location of connectors and support etc).

CABLE LADDER

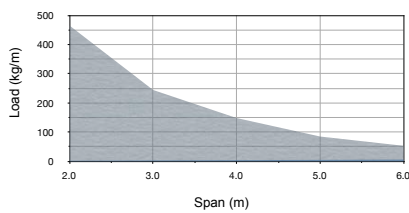
NEMA Aluminium Cable Ladder
Width 150, 300, 450, 600, 750, 900

ORDER CODE: EM/N16A/(Insert width) AL
eg: EM/N16A/300 AL

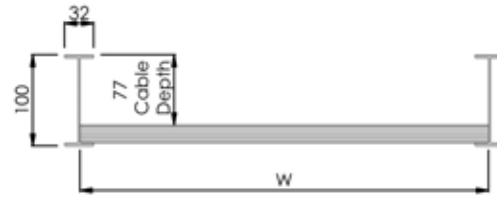
EM/N16A



EM/N16A Cable Ladder Allowable Loading* (1.5 FOS)

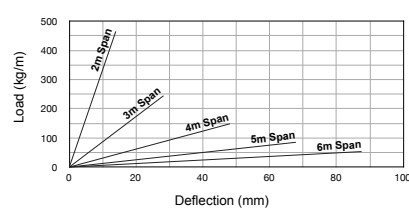


*Maximum allowable loads are determined by the failure of a single span using a factor of safety of 1.5. It is generally recommended to not use an unsupported span greater than 2m.



Cable Laying Depth: 77mm
Basic Load Capacity: 244kg/m @ 3m span
Standard Length: 6.0m
Rung Spacing: 300mm Nom.
Material: Aluminium

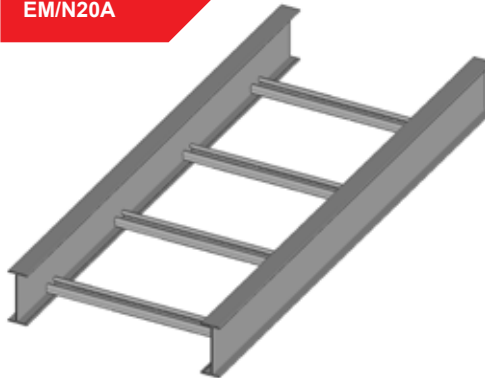
EM/N16A Cable Ladder Deflection**



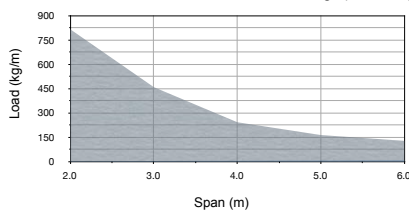
**Deflection shown above is to be used as a guide only. Actual deflection may vary depending on installation factors (such as location of connectors and support etc).

ORDER CODE: EM/N20A/(Insert width) AL
eg: EM/N20A/300 AL

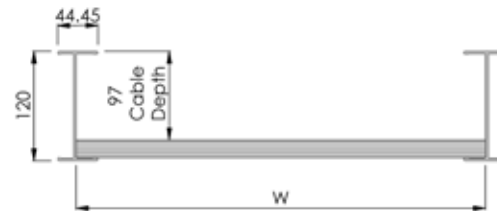
EM/N20A



EM/N20A Cable Ladder Allowable Loading* (1.5 FOS)

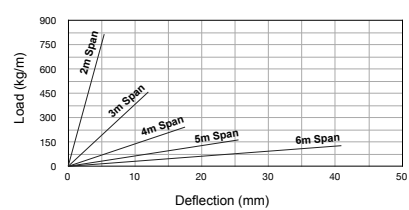


*Maximum allowable loads are determined by the failure of a single span using a factor of safety of 1.5. It is generally recommended to not use an unsupported span greater than 2m.



Cable Laying Depth: 97mm
Basic Load Capacity: 458kg/m @ 3m span
Standard Length: 6.0m
Rung Spacing: 300mm Nom.
Material: Aluminium

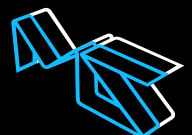
EM/N20A Cable Ladder Deflection**



**Deflection shown above is to be used as a guide only. Actual deflection may vary depending on installation factors (such as location of connectors and support etc).



**CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018**



**MECHANICAL
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CABLE LADDER KITS

EM/_/SP KIT - Splice Plate Kit

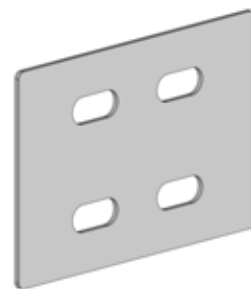
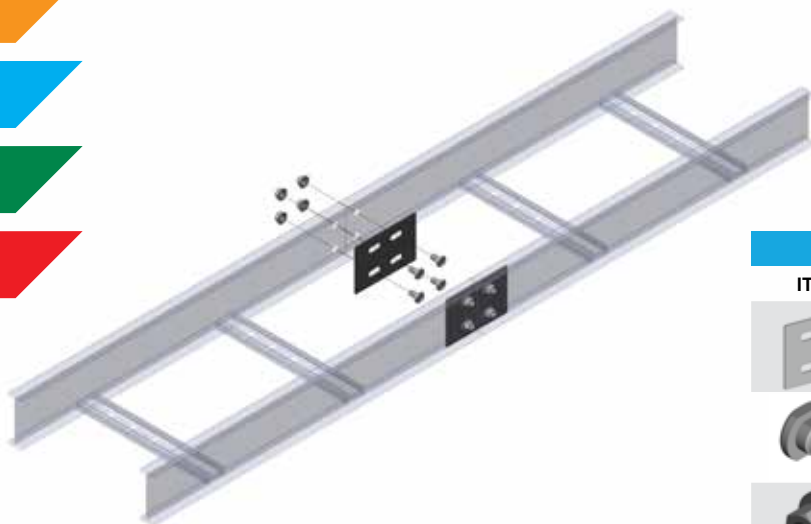
ORDER CODE: EM/(Insert Profile)/SP KIT
eg: EM/N16A/SP KIT

EM/N12A

EM/N12B

EM/N16A

EM/N20A



KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	Splice Plate	2	AL
	Tray Bolt	8	HDG
	Tray Nut	8	HDG

EM/_/AVE KIT - Adjustable Vertical Elbow Kit

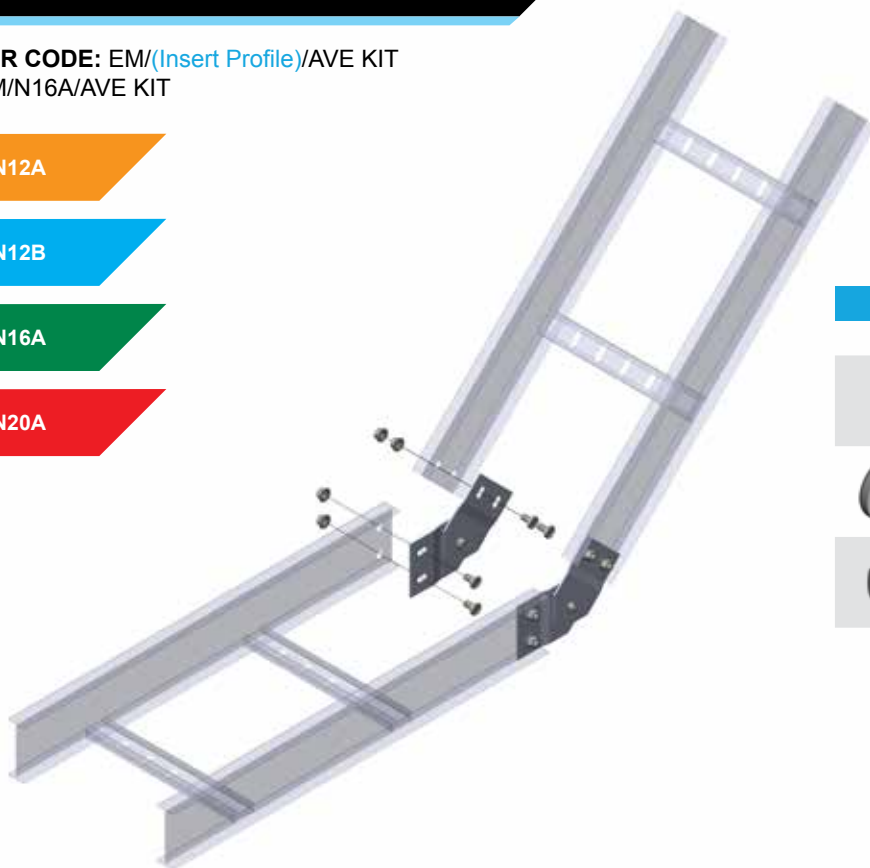
ORDER CODE: EM/(Insert Profile)/AVE KIT
eg: EM/N16A/AVE KIT

EM/N12A

EM/N12B

EM/N16A

EM/N20A



KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	Adjustable Elbow	2	AL
	Tray Bolt	8	HDG
	Tray Nut	8	HDG

CABLE LADDER KITS

EM/_/AHE KIT - Adjustable Horizontal Elbow Kit

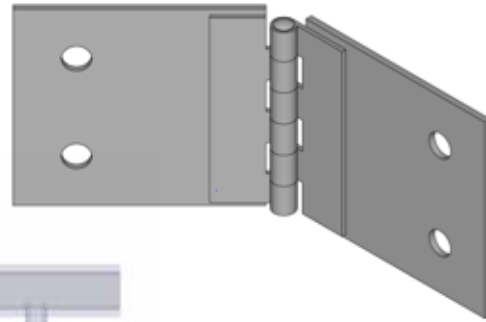
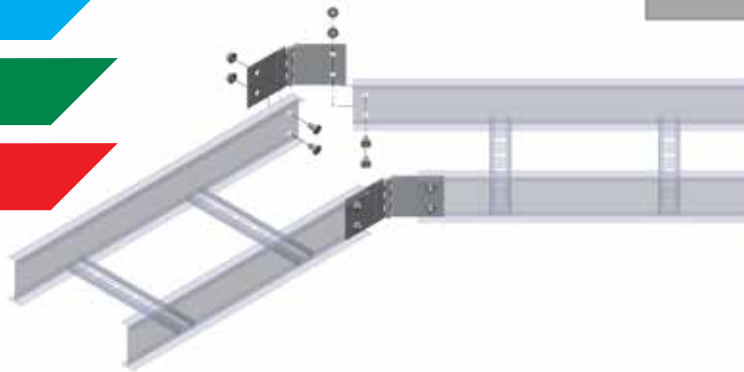
ORDER CODE: EM/(Insert Profile)/AHE KIT
eg: EM/N16A/AHE KIT

EM/N12A

EM/N12B

EM/N16A

EM/N20A



KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	AHE Bracket	2	AL
	Tray Bolt	8	HDG
	Tray Nut	8	HDG

EM/NHDW KIT - Internal Hold Down Washer Kit

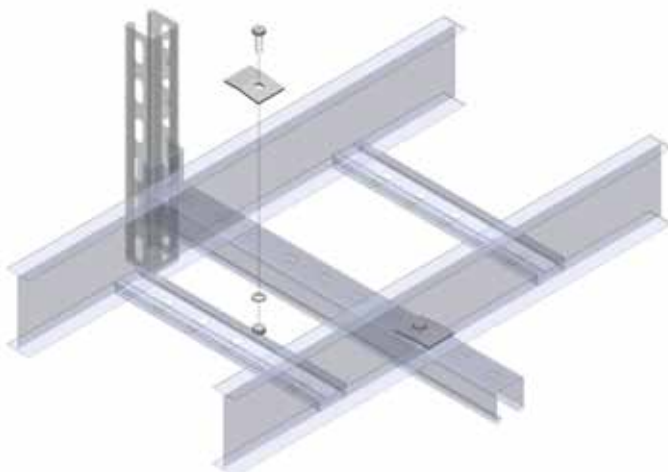
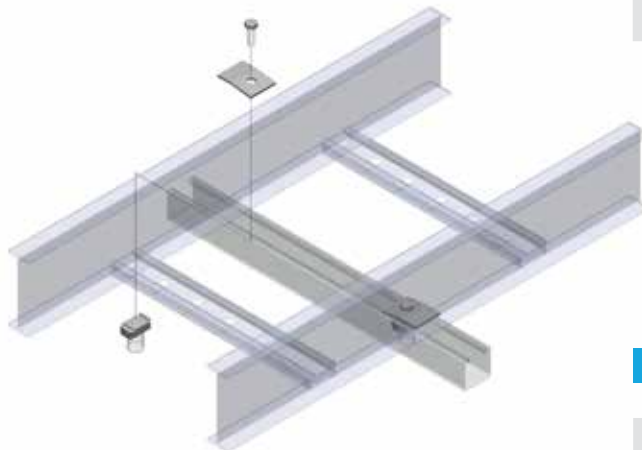
EM/NHDW AL Hold Down Washer
Suitable to all Nema profile series Aluminium Cable Ladder

EM/N12A

EM/N12B

EM/N16A

EM/N20A

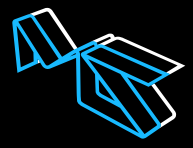


KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	Hold Down Washer	2	AL
	Hex Bolt	2	HDG
	Spring Nut	2	HDG
	Washer	2	HDG
	Hex Nut	2	HDG



CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



MECHANICAL
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CABLE LADDER ACCESSORIES

EM/_/HDB KIT - External Hold Down Bracket Kit

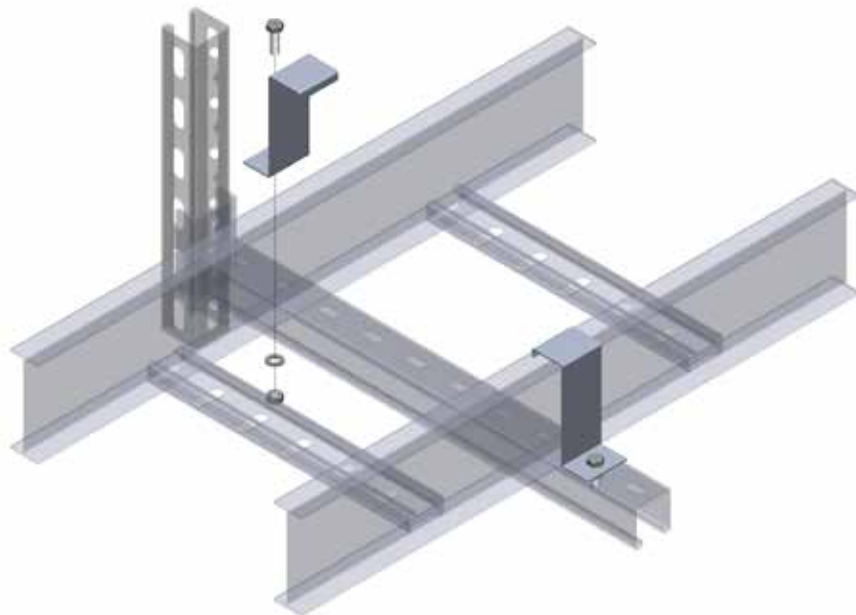
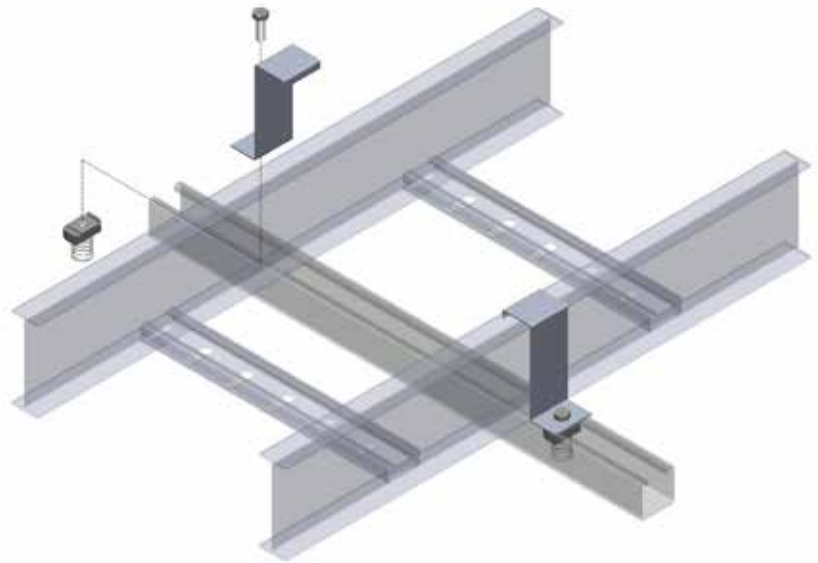
ORDER CODE: EM/([Insert Profile](#))/HDB KIT
eg: EM/N16A/HDB KIT

EM/N12A

EM/N12B

EM/N16A

EM/N20A



KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	Hold Down Bracket	2	AL
	Hex Bolt	2	HDG
	Spring Nut	2	HDG
	Washer	2	HDG
	Hex Nut	2	HDG

CABLE LADDER ACCESSORIES

90° Horizontal Bend Kit Width 150, 300, 450, 600, 750, 900

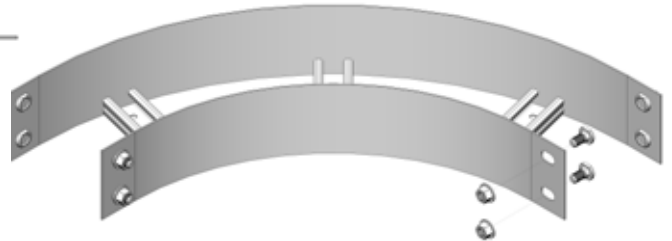
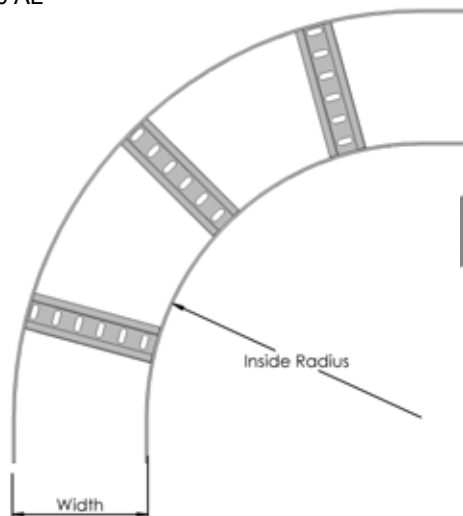
ORDER CODE: EM/(Insert Profile)/HB90/(Insert Width) AL
eg: EM/N16A/HB90/450 AL

EM/N12A

EM/N12B

EM/N16A

EM/N20A



KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	90 Deg Horizontal Bend	1	AL
	Tray Bolt	8	HDG
	Tray Nut	8	HDG

Custom radii and widths are available on request

45° Horizontal Bend Kit Width 150, 300, 450, 600, 750, 900

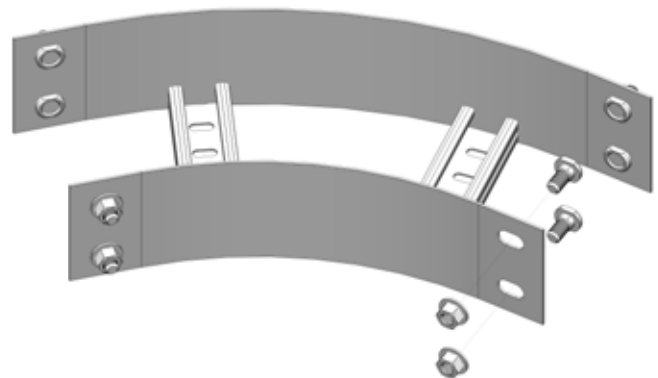
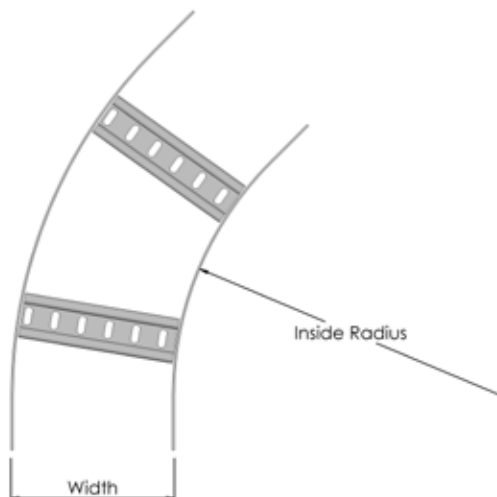
ORDER CODE: EM/(Insert Profile)/HB45/(Insert Width) AL
eg: EM/N16A/HB45/450 AL

EM/N12A

EM/N12B

EM/N16A

EM/N20A



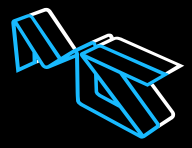
KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	45 Deg Horizontal Bend	1	AL
	Tray Bolt	8	HDG
	Tray Nut	8	HDG

Custom radii and widths are available on request



CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



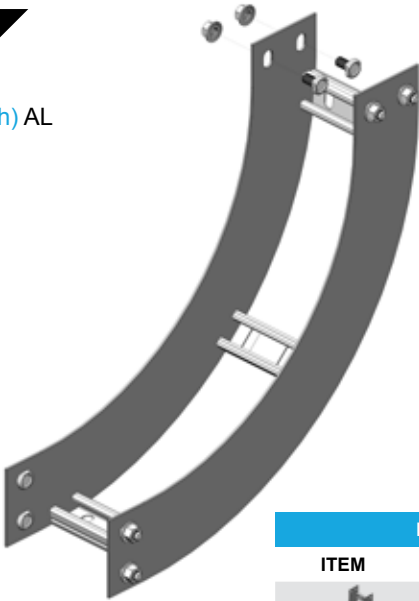
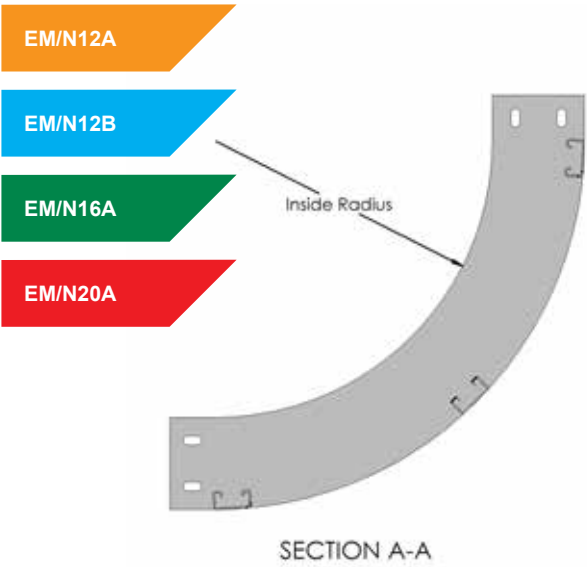
MECHANICAL
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CABLE LADDER ACCESSORIES

90° Internal Vertical Riser Kit Width 150, 300, 450, 600, 750, 900

ORDER CODE: EM/(Insert Profile)/INT/RISER/(Insert Width) AL
eg: EM/N16A/INT/RISER/450 AL

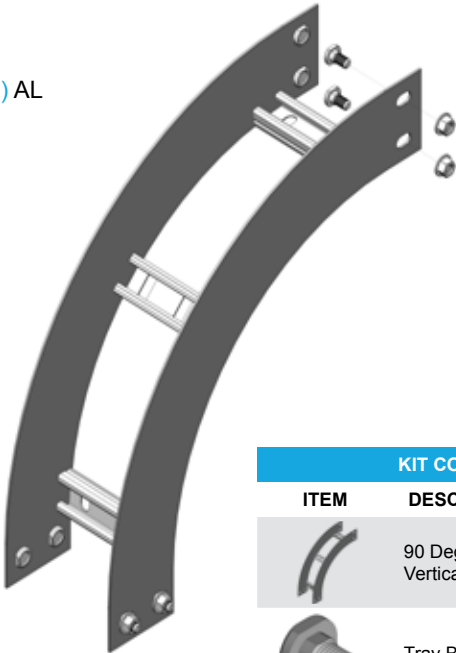
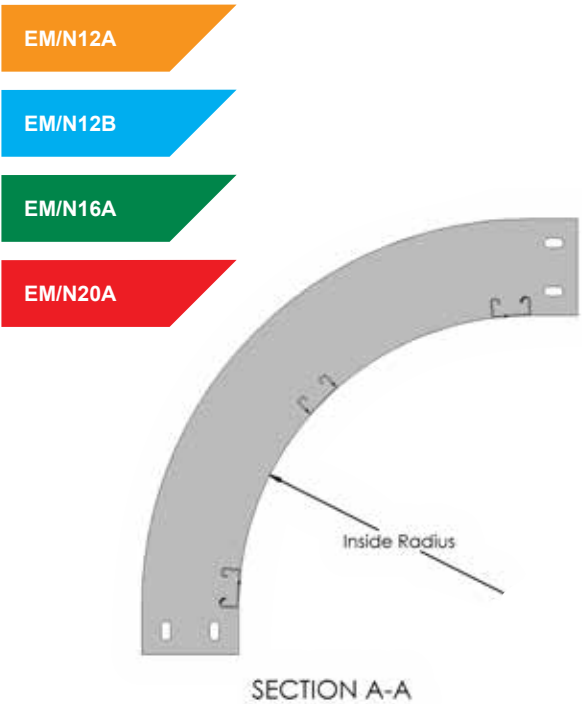


KIT COMPONENTS:			
ITEM	DESCRIPTION	QTY	FINISH
	90 Deg Internal Vertical Riser	1	AL
	Tray Bolt	8	HDG
	Tray Nut	8	HDG

Custom radii and widths are available on request

90° External Vertical Riser Kit Width 150, 300, 450, 600, 750, 900

ORDER CODE: EM/(Insert Profile)/EXT/RISER/(Insert Width) AL
eg: EM/N16A/EXT/RISER/450 AL



KIT COMPONENTS:			
ITEM	DESCRIPTION	QTY	FINISH
	90 Deg External Vertical Riser	1	AL
	Tray Bolt	8	HDG
	Tray Nut	8	HDG

Custom radii and widths are available on request

CABLE LADDER ACCESSORIES

Horizontal Equal Tee Section Kit Width 150, 300, 450, 600, 750, 900

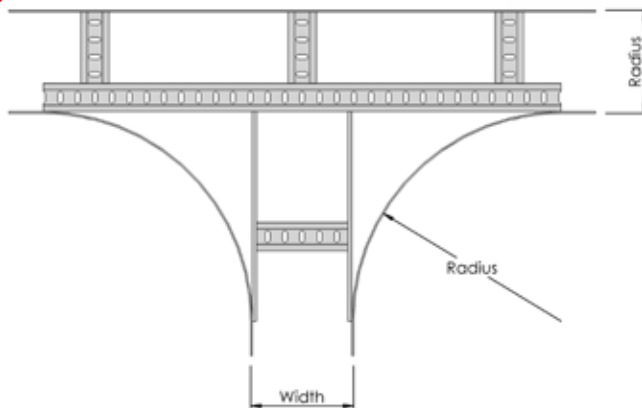
ORDER CODE: EM/(Insert Profile)/EQ/TEE/(Insert Width) AL
eg: EM/N16A/EQ/TEE/300 AL

EM/N12A

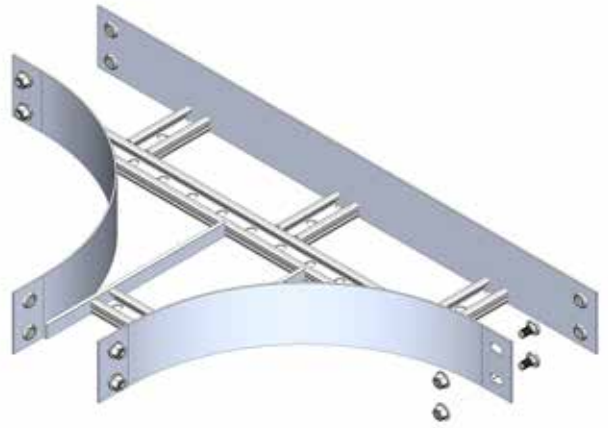
EM/N12B

EM/N16A

EM/N20A



Custom radii and widths are available on request



KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	Horizontal Equal Tee	1	AL
	Tray Bolt	12	HDG
	Tray Nut	12	HDG

4 Way Cross Kit Width 150, 300, 450, 600, 750, 900

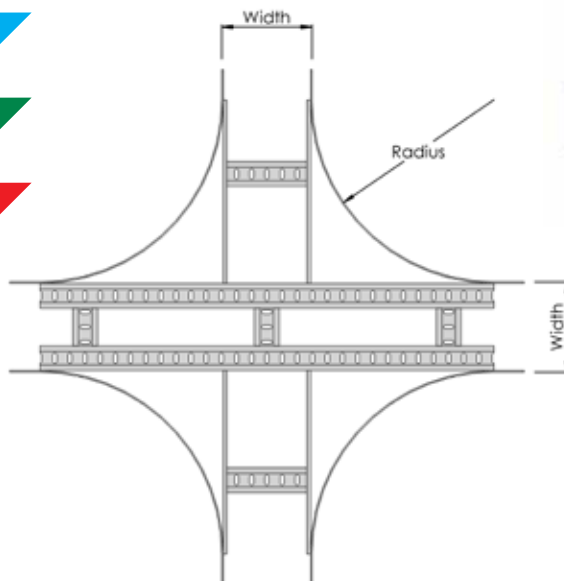
ORDER CODE: EM/(Insert Profile)/4WAYCROSS/(Insert Width) AL
eg: EM/N16A/4WAYCROSS/450 AL

EM/N12A

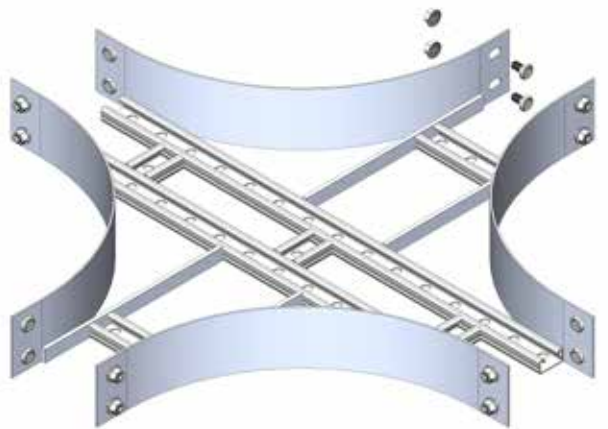
EM/N12B

EM/N16A

EM/N20A



Custom radii and widths are available on request



KIT COMPONENTS:

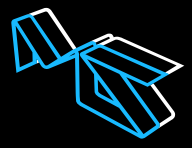
ITEM	DESCRIPTION	QTY	FINISH
	4-Way Cross	1	AL
	Tray Bolt	16	HDG
	Tray Nut	16	HDG



CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



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CABLE LADDER KITS

Universal Reducer Bracket Kit
(Left hand/Right hand) Reductions mm: 150, 300, 450, 600

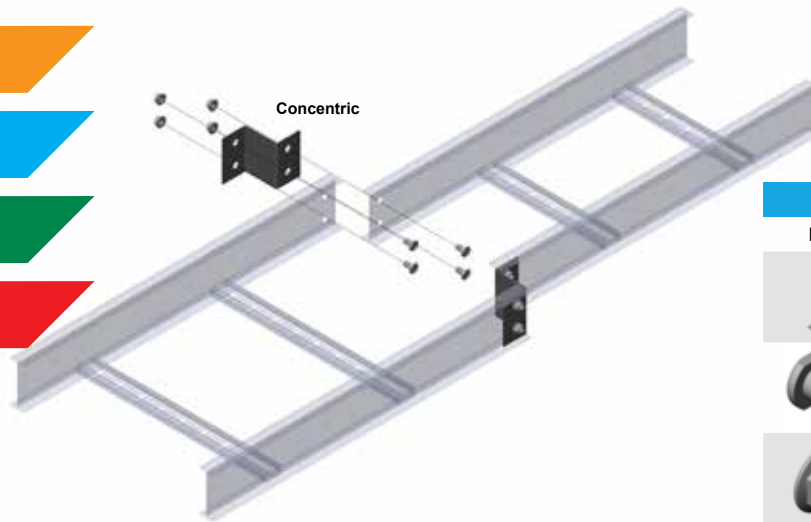
ORDER CODE: EM/(Insert Profile)/URB KIT/(Insert Reduction Required) AL
eg: EM/N16A/URB KIT/450 AL

EM/N12A

EM/N12B

EM/N16A

EM/N20A



KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	Bracket*	2	HDG
	Tray Bolt	8	HDG
	Tray Nut	8	HDG

* Reduction Required	Reducer Bracket Size
150	2 x 75
300	2 x 150
450	2 x 225
600	2 x 300

Offset Reducer Bracket Kit
(Left hand/Right hand) Reductions mm: 150, 300

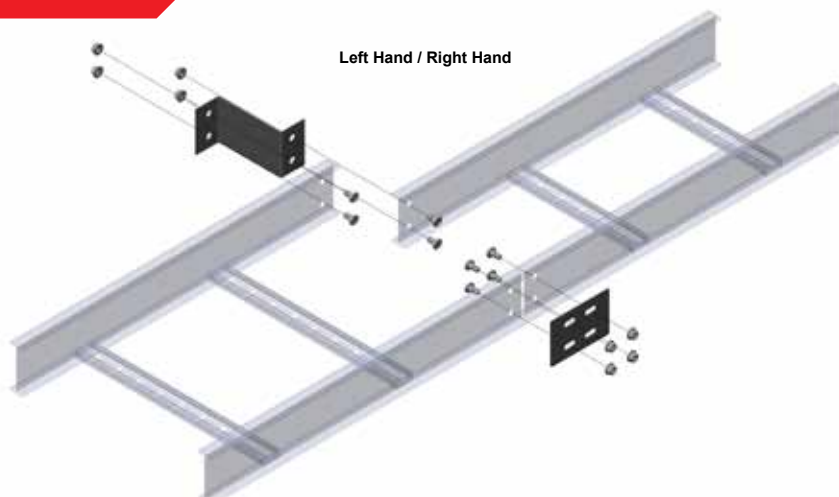
ORDER CODE: EM/(Insert Profile)/ORB KIT/(Insert Width) AL
eg: EM/N16A/ORB KIT/300 AL

EM/N12A

EM/N12B

EM/N16A

EM/N20A



KIT COMPONENTS:

ITEM	DESCRIPTION	QTY	FINISH
	Bracket*	1	HDG
	Splice Plate	1	HDG
	Tray Bolt	8	HDG
	Tray Nut	8	HDG

* Reduction Required	Reducer Bracket Size
150	1 x 150
300	1 x 300

COVER CHECK LIST FORM

Customer Name: _____

Sales Order: _____

Unit of Measure: 3 Metres each

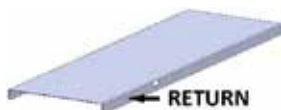
TYPE

☐

FLAT COVER

☐

PEAKED COVER (No Return)



RETURN (Standard 15mm)

☐

WITH RETURN

☐

NO RETURN

☐

OTHER _____

MATERIAL

☐

PRE-GALV

☐

AL

TRAY

☐

EMT3/EMT5

☐

KBSI

LADDER

☐

12A

☐

12B

☐

16A

☐

20A

SIZE

☐

150 Qty: _____

☐

750 Qty: _____

☐

300 Qty: _____

☐

900 Qty: _____

☐

450 Qty: _____

☐

Other Qty: _____

☐

600 Qty: _____

SPECIAL INSTRUCTIONS

Sample/design/drawing approved

Tick

☐

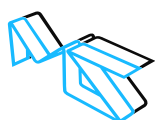
Yes

☐

No

Production Manager sign off

Signature

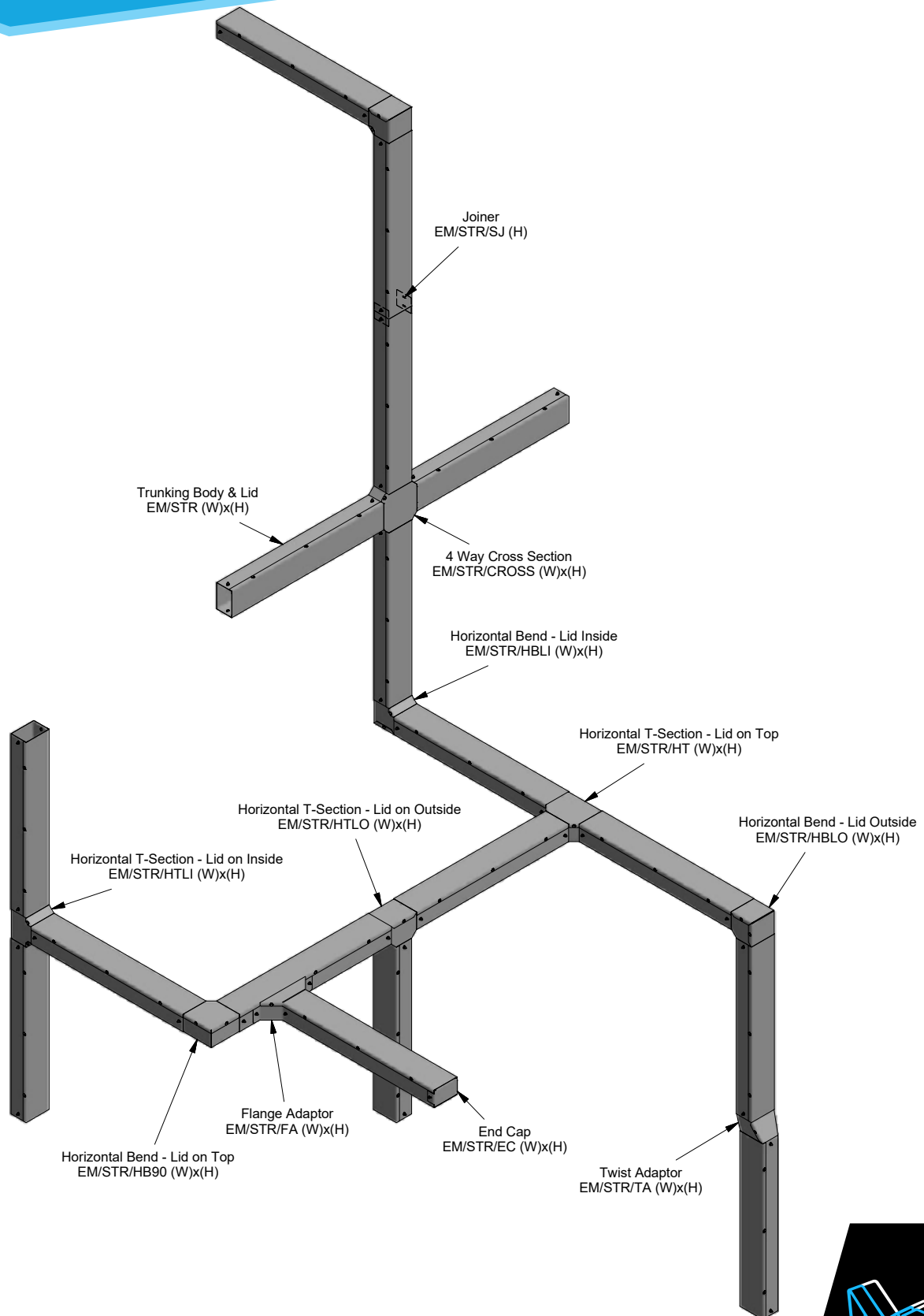


MECHANICAL SUPPORT
SYSTEMS





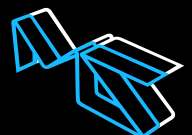
CABLE TRUNKING



**CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018**



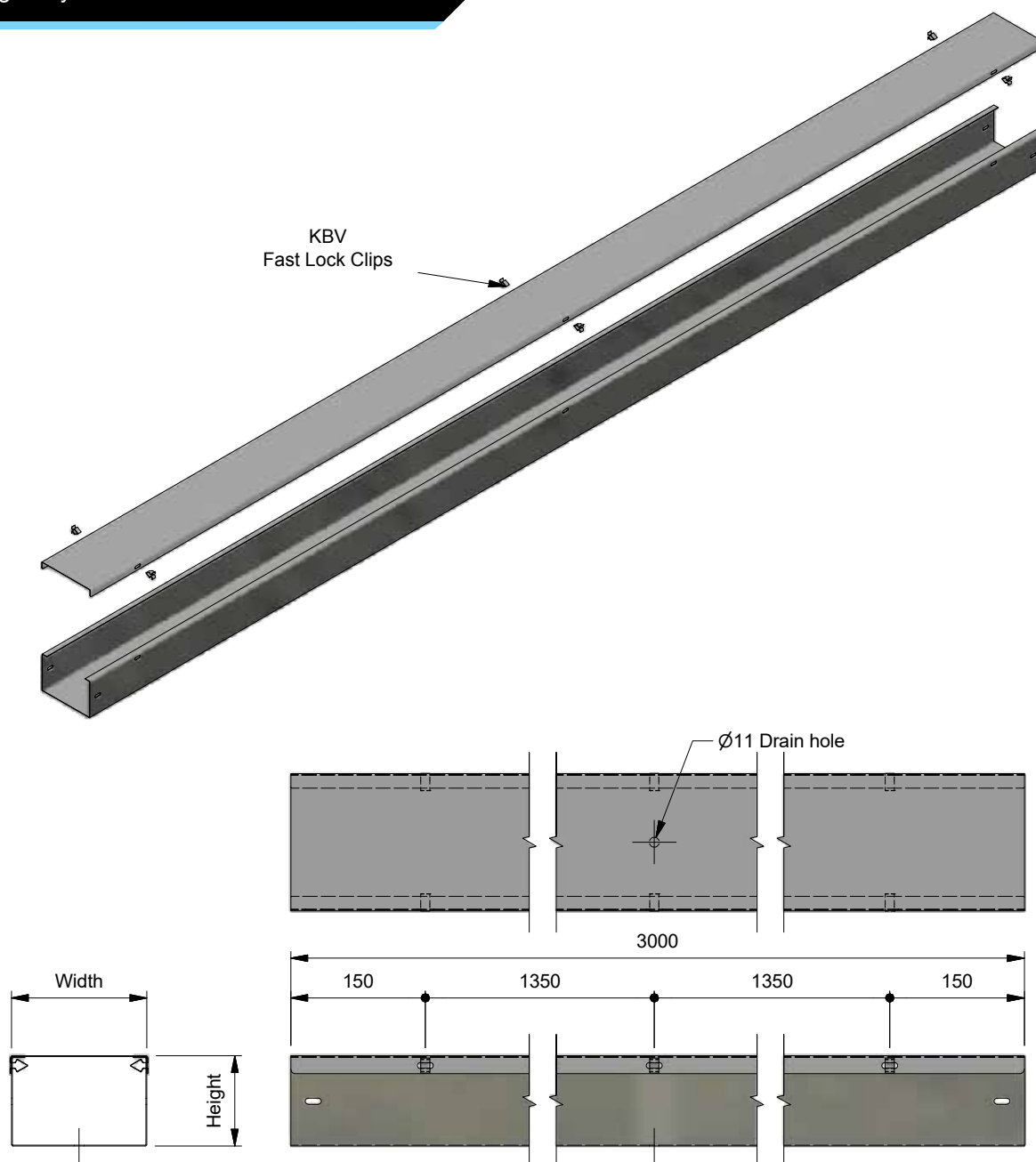
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**MECHANICAL
SUPPORT
SYSTEMS**

CABLE TRUNKING

Trunking Body and Lid



Width: (mm)	Height: (mm)	Length: (m)	Part Number:	Finish
75	75	3.0	EM/STR 75X75	PG / AL
100	50	3.0	EM/STR 100X50	PG / AL
100	75	3.0	EM/STR 100X75	PG / AL
100	100	3.0	EM/STR 100X100	PG / AL
150	100	3.0	EM/STR 150X100	PG / AL
150	150	3.0	EM/STR 150X150	PG / AL
200	100	3.0	EM/STR 200X100	PG / AL

NOTE: Special profiles can be made to order upon request

Trunking is supplied with the following components:
1 x Straight Trunking body 1 x Straight Trunking Lid

Includes 6 x KBV Fast Lock Clips

Optional extras:
EM/STR/SJ (H) Joiner EM/STR/EC (W)x(H) End Cap

CABLE TRUNKING

GBM06X16

Gutter Bolt



M6x16mm

HNFM06

Flanged Hex Nut

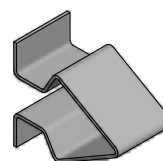


M6 Flanged

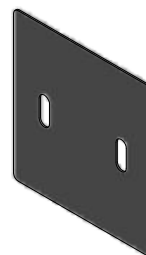
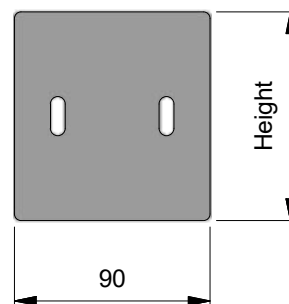
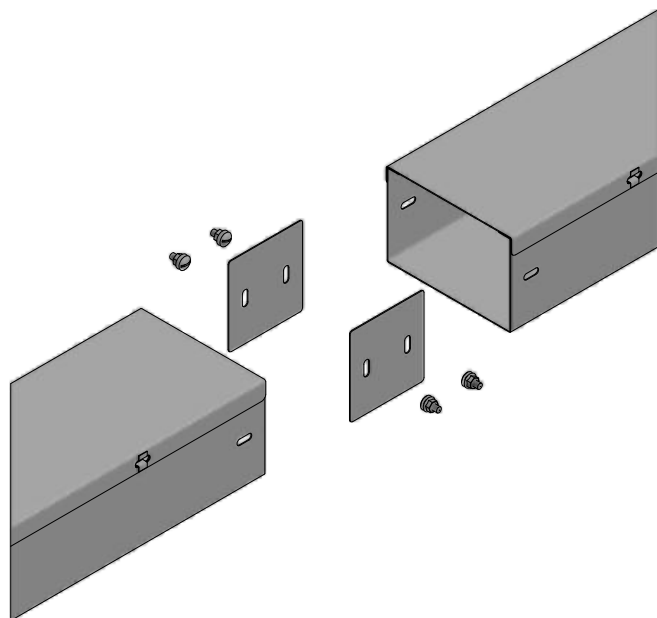
KBV

Fast Locking Clip

KT/KBV
Sold Individually
Standard Finish: Stainless Steel 316



Joiner



Joiners sold individually (2 required per connection)

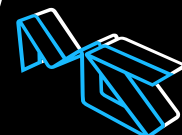
Each Joiner Requires (sold separately)

2 x GBM06X16ZP M6 Gutter Bolt
2 x HNFM06ZP M6 Flange Nut

Height: (mm)	Part Number:	Finish
50	EM/STR/SJ 50	PG / AL
75	EM/STR/SJ 75	PG / AL
100	EM/STR/SJ 100	PG / AL
150	EM/STR/SJ 150	PG / AL

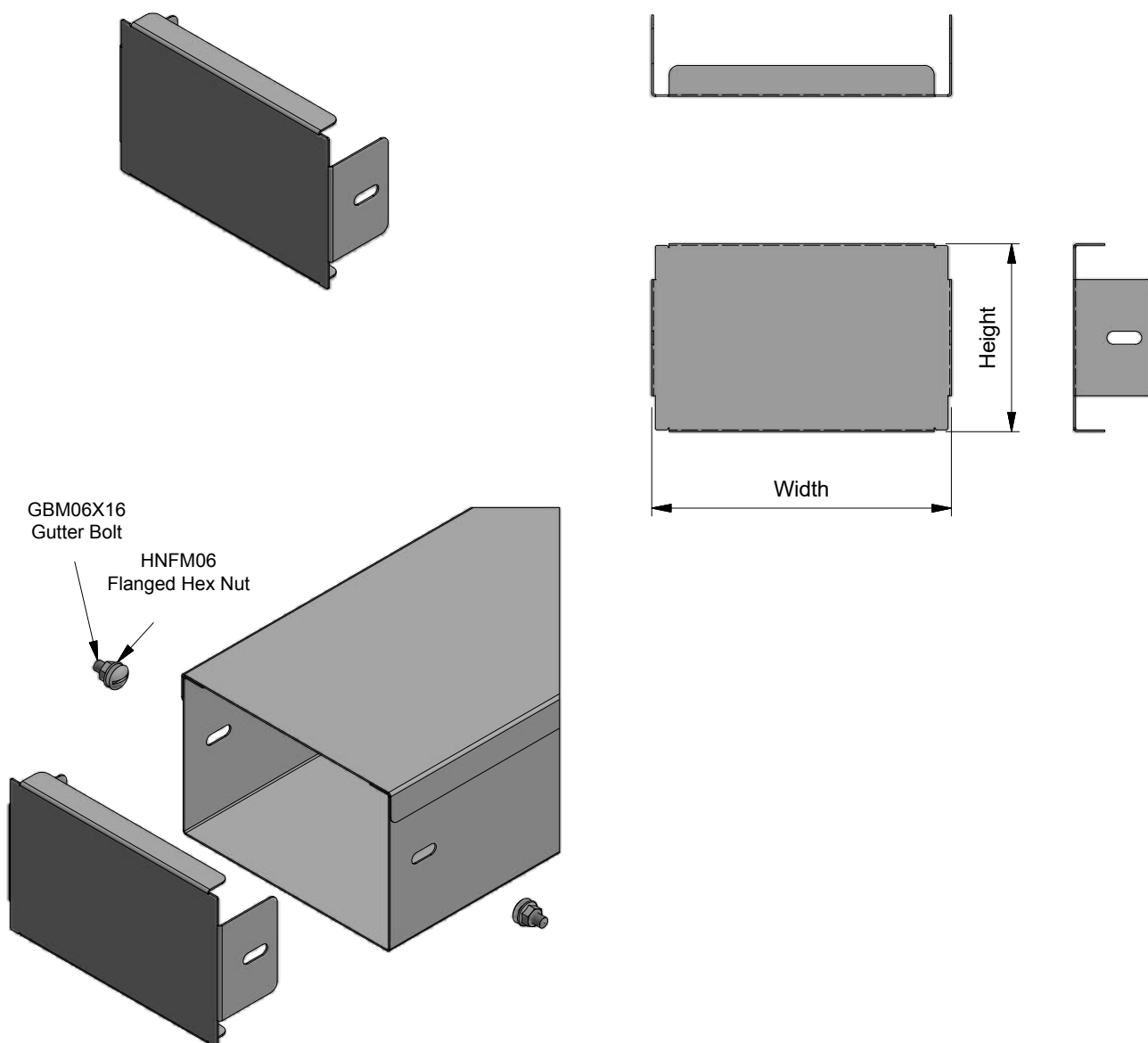


CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



MECHANICAL
SUPPORT
SYSTEMS

End Cap

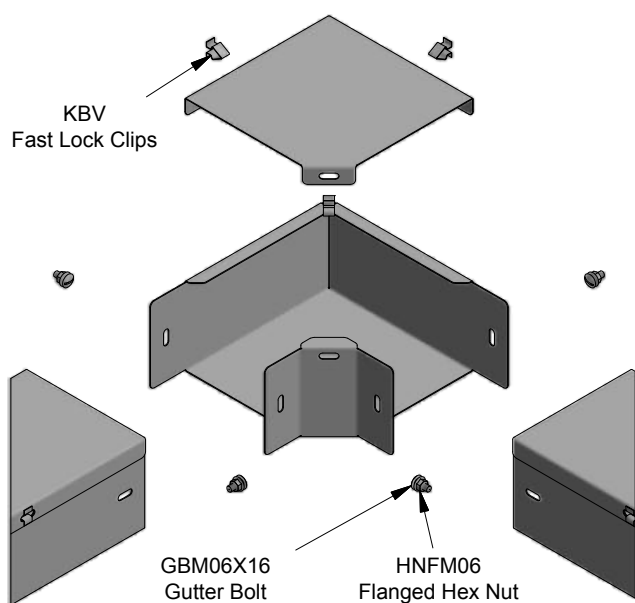
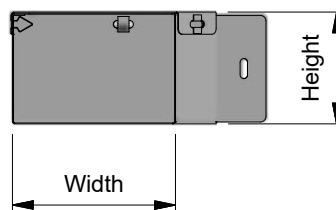
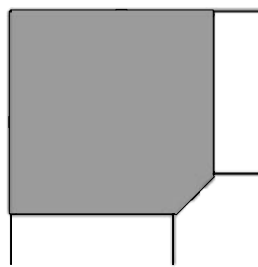
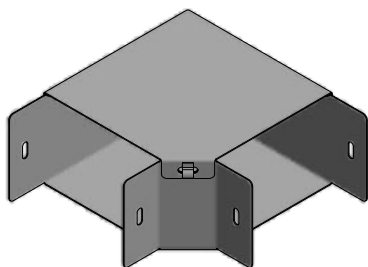


Width: (mm)	Height: (mm)	Part Number:	Finish
75	75	EM/STR/EC 75X75	PG / AL
100	50	EM/STR/EC 100X50	PG / AL
100	75	EM/STR/EC 100X75	PG / AL
100	100	EM/STR/EC 100X100	PG / AL
150	100	EM/STR/EC 150X100	PG / AL
150	150	EM/STR/EC 150X150	PG / AL
200	100	EM/STR/EC 200X100	PG / AL

Requires (sold separately)
 2 x GBM06X16ZP M6 Gutter Bolt
 2 x HNFM06ZP M6 Flange Nut

CABLE TRUNKING

Horizontal Bend - Lid On Top



GBM

Width: (mm)	Height: (mm)	Part Number:	Finish
75	75	EM/STR/HB90 75X75	PG / AL
100	50	EM/STR/HB90 100X50	PG / AL
100	75	EM/STR/HB90 100X75	PG / AL
100	100	EM/STR/HB90 100X100	PG / AL
150	100	EM/STR/HB90 150X100	PG / AL
150	150	EM/STR/HB90 150X150	PG / AL
200	100	EM/STR/HB90 200X100	PG / AL

Horizontal Bend is supplied with the following components:

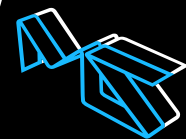
- 1 x Horizontal Bend Body
- 1 x Horizontal Bend Lid
- 3 x KBV Fast Lock Clips

Requires (sold separately)

- 4 x GBM06X16ZP M6 Gutter Bolt
- 4 x HNFM06ZP M6 Flange Nut



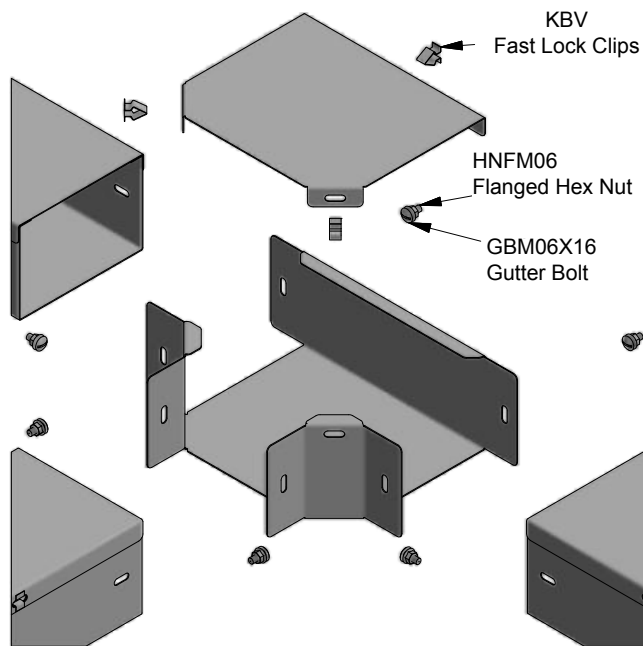
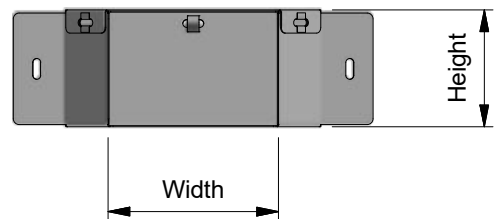
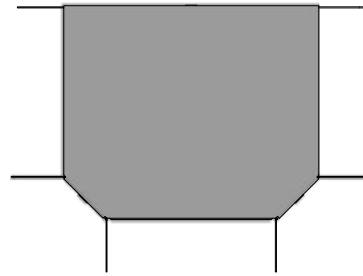
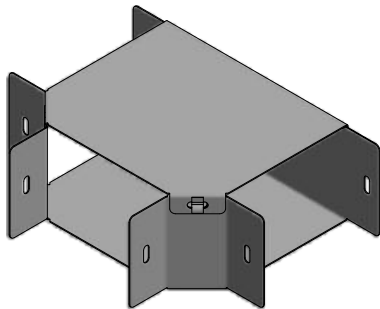
CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



MECHANICAL
SUPPORT
SYSTEMS

CABLE TRUNKING

Horizontal T-Section - Lid On Top



Width: (mm)	Height: (mm)	Part Number:	Finish
75	75	EM/STR/HT 75X75	PG / AL
100	50	EM/STR/HT 100X50	PG / AL
100	75	EM/STR/HT 100X75	PG / AL
100	100	EM/STR/HT 100X100	PG / AL
150	100	EM/STR/HT 150X100	PG / AL
150	150	EM/STR/HT 150X150	PG / AL
200	100	EM/STR/HT 200X100	PG / AL

Horizontal T-Section is supplied with the following components:

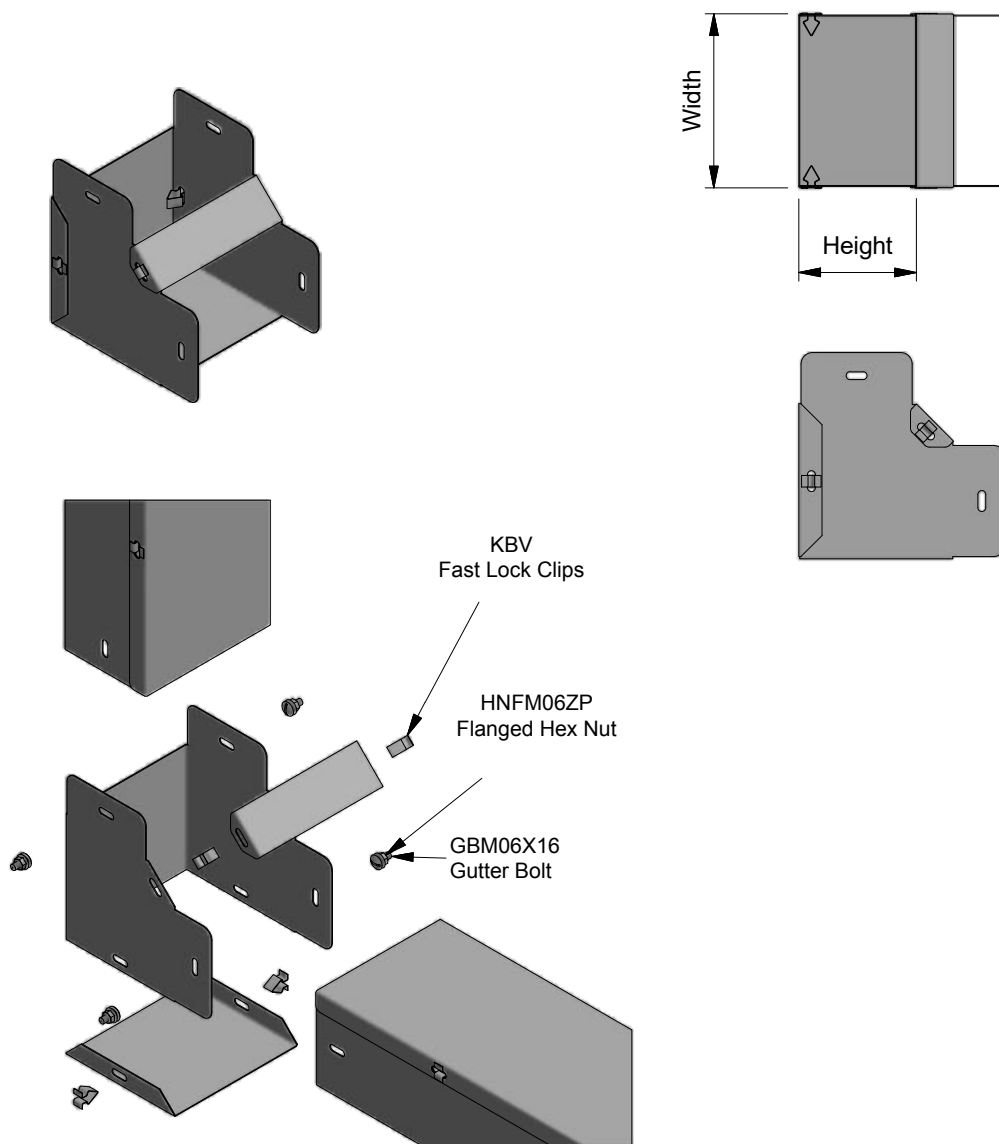
- 1 x Horizontal T-Section Body
- 1 x Horizontal T-Section Lid
- 3 x KBV Fast Lock Clips

Requires (sold separately)

- 6 x GBM06X16ZP M6 Gutter Bolt
- 6 x HNFM06ZP M6 Flange Nut

CABLE TRUNKING

Horizontal Bend - Lid Inside



Width: (mm)	Height: (mm)	Part Number:	FINISH
75	75	EM/STR/HBLI 75X75	PG / AL
100	50	EM/STR/HBLI 100X50	PG / AL
100	75	EM/STR/HBLI 100X75	PG / AL
100	100	EM/STR/HBLI 100X100	PG / AL
150	100	EM/STR/HBLI 150X100	PG / AL
150	150	EM/STR/HBLI 150X150	PG / AL
200	100	EM/STR/HBLI 200X100	PG / AL

Horizontal Bend is supplied with the following components:

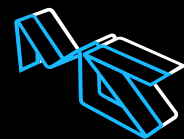
- 1 x Horizontal Bend Body
- 1 x Horizontal Bend Lid
- 4 x KBV Fast Lock Clips

Requires (sold separately)

- 4 x GBM06X16ZP M6 Gutter Bolt
- 4 x HNF06ZP M6 Flange Nut



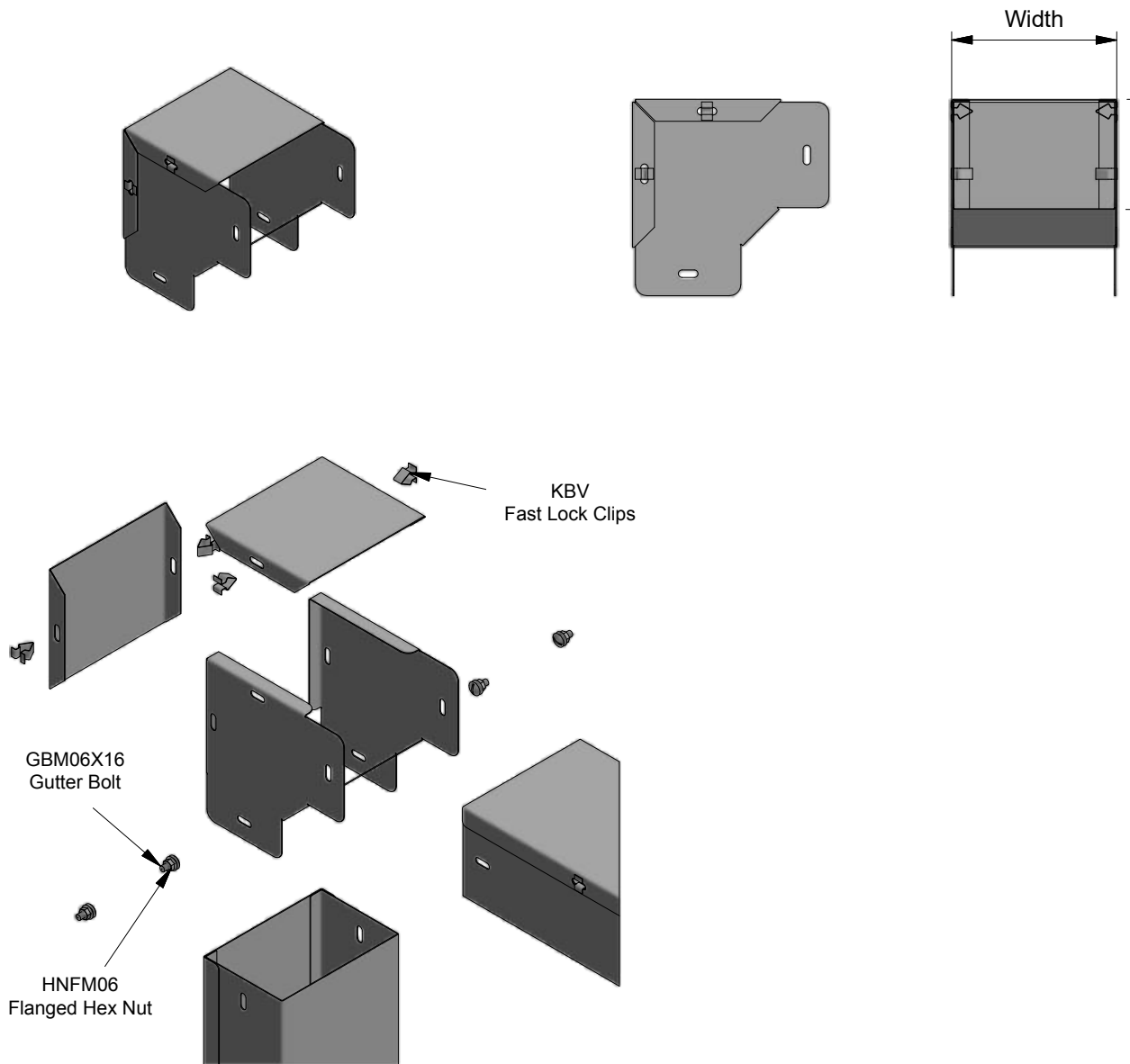
CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



MECHANICAL
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SYSTEMS

CABLE TRUNKING

Horizontal Bend - Lid on Outside



Width: (mm)	Height: (mm)	Part Number:	Finish
75	75	EM/STR/HBLO 75X75	PG / AL
100	50	EM/STR/HBLO 100X50	PG / AL
100	75	EM/STR/HBLO 100X75	PG / AL
100	100	EM/STR/HBLO 100X100	PG / AL
150	100	EM/STR/HBLO 150X100	PG / AL
150	150	EM/STR/HBLO 150X150	PG / AL
200	100	EM/STR/HBLO 200X100	PG / AL

Horizontal Bend is supplied with the following components:

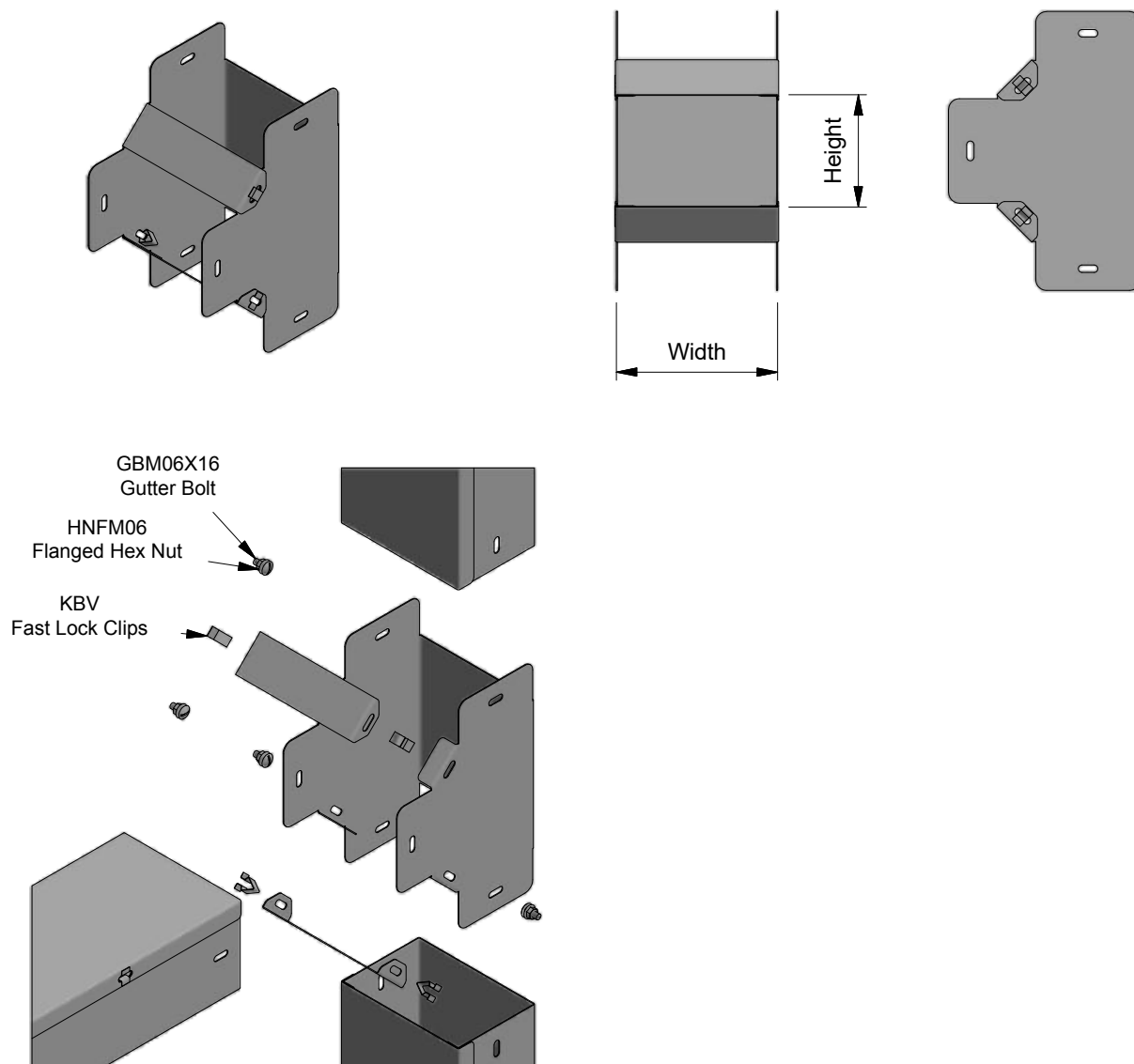
- 1 x Horizontal Bend Body
- 2 x Horizontal Bend Lid
- 4 x KBV Fast Lock Clips

Requires (sold separately)

- 4 x GBM06X16ZP M6 Gutter Bolt
- 4 x HNF06ZP M6 Flange Nut

CABLE TRUNKING

Horizontal T-Section - Lid On Inside



Width: (mm)	Height: (mm)	Part Number:	Finish
75	75	EM/STR/HTLI 75X75	PG / AL
100	50	EM/STR/HTLI 100X50	PG / AL
100	75	EM/STR/HTLI 100X75	PG / AL
100	100	EM/STR/HTLI 100X100	PG / AL
150	100	EM/STR/HTLI 150X100	PG / AL
150	150	EM/STR/HTLI 150X150	PG / AL
200	100	EM/STR/HTLI 200X100	PG / AL

Horizontal T-Section is supplied with the following components:

- 1 x Horizontal T-Section Body
- 2 x Horizontal T-Section Lid
- 4 x KBV Fast Lock Clips

Requires (sold separately)

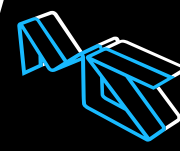
- 6 x GBM06X16ZP M6 Gutter Bolt
- 6 x HNFM06ZP M6 Flange Nut



CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



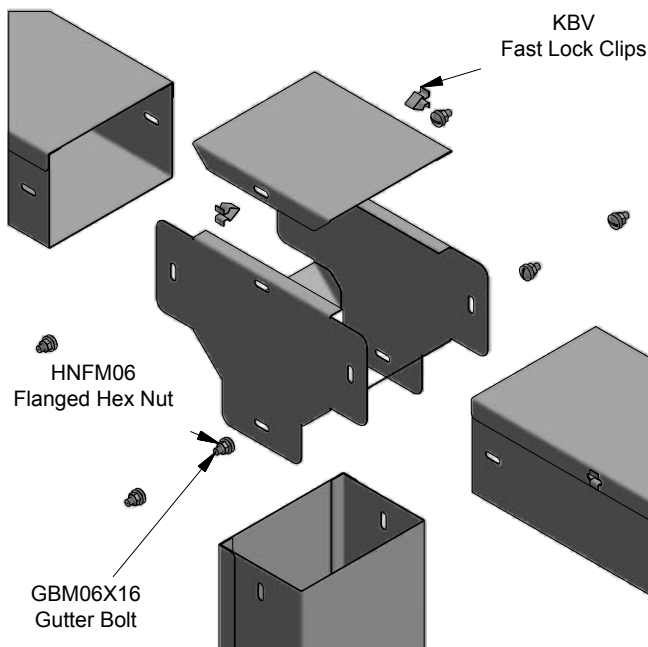
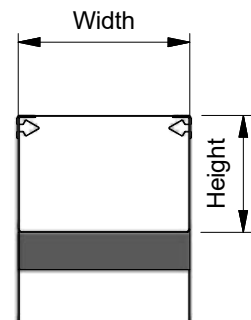
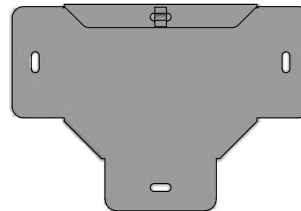
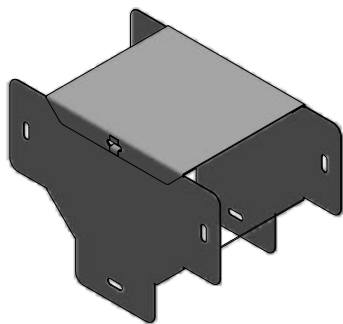
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CABLE TRUNKING

Horizontal T-Section - Lid On Outside



Width: (mm)	Height: (mm)	Part Number:	Finish
75	75	EM/STR/HTLO 75X75	PG / AL
100	50	EM/STR/HTLO 100X50	PG / AL
100	75	EM/STR/HTLO 100X75	PG / AL
100	100	EM/STR/HTLO 100X100	PG / AL
150	100	EM/STR/HTLO 150X100	PG / AL
150	150	EM/STR/HTLO 150X150	PG / AL
200	100	EM/STR/HTLO 200X100	PG / AL

Horizontal T-Section is supplied with the following components:

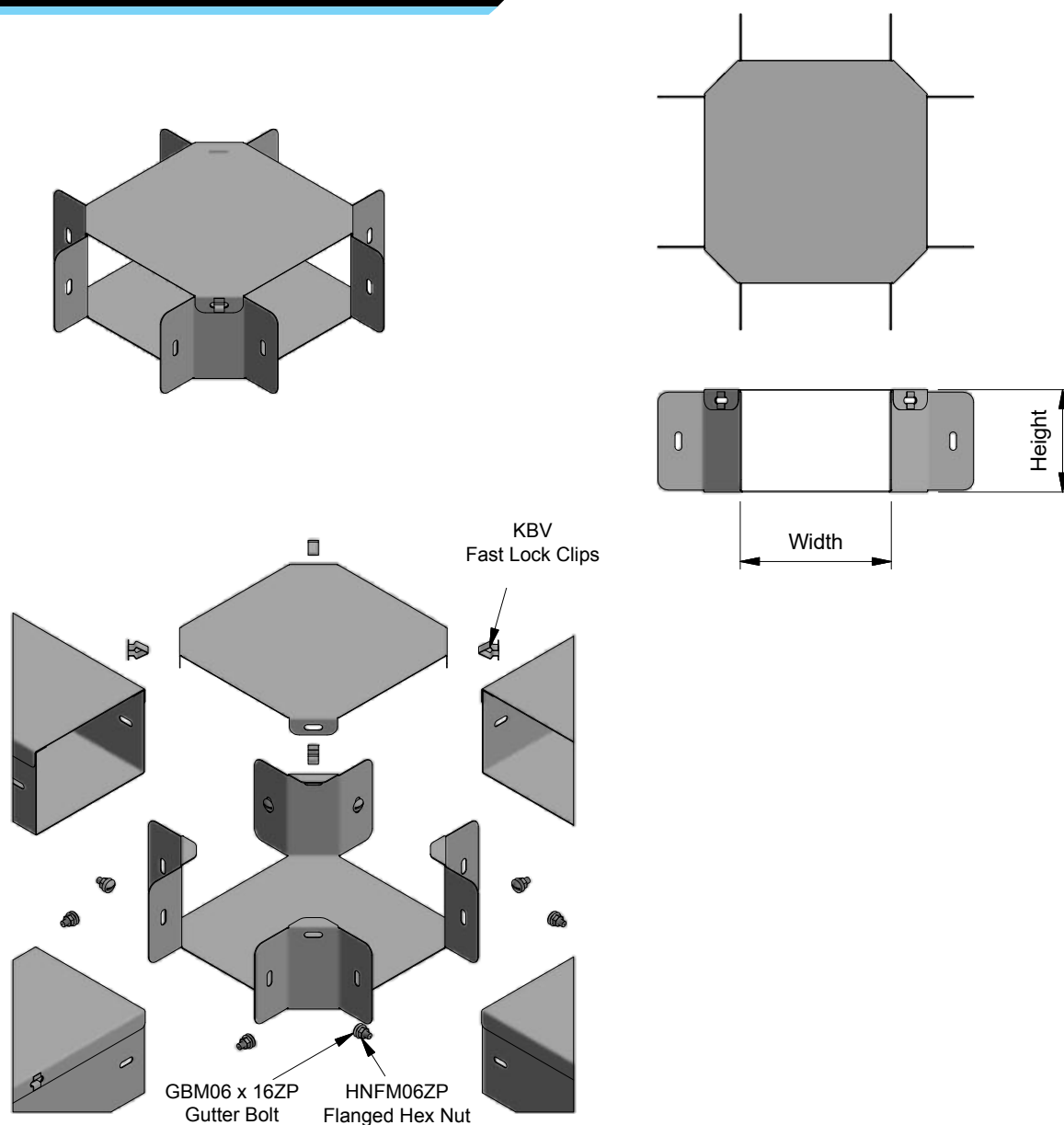
- 1 x Horizontal T-Section Body
- 1 x Horizontal T-Section Lid
- 2 x KBV Fast Lock Clips

Requires (sold separately)

- 6 x GBM06X16ZP M6 Gutter Bolt
- 6 x HNFM06ZP M6 Flange Nut

CABLE TRUNKING

4-Way Cross Section - Lid On Top



Width: (mm)	Height: (mm)	Part Number:	Finish
75	75	EM/STR/CROSS 75X75	PG / AL
100	50	EM/STR/CROSS 100X50	PG / AL
100	75	EM/STR/CROSS 100X75	PG / AL
100	100	EM/STR/CROSS 100X100	PG / AL
150	100	EM/STR/CROSS 150X100	PG / AL
150	150	EM/STR/CROSS 150X150	PG / AL
200	100	EM/STR/CROSS 200X100	PG / AL

4 Way Cross Section is supplied with the following components:

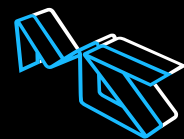
- 1 x 4 Way Cross Section Body
- 1 x 4 Way Cross Section Lid
- 4 x KBV Fast Lock Clips

Requires (sold separately)

- 8 x GBM06 x 16ZP M6 Gutter Bolt
- 8 x HNF06ZP M6 Flange Nut

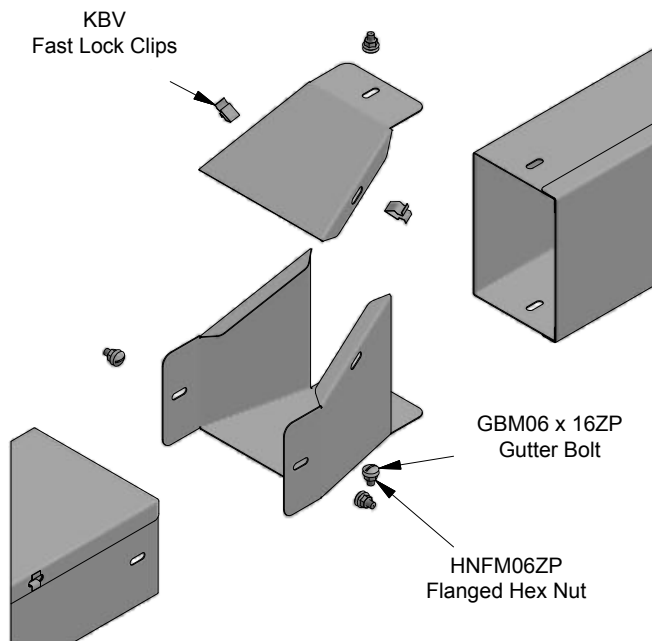
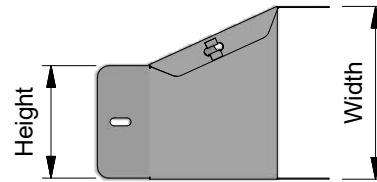
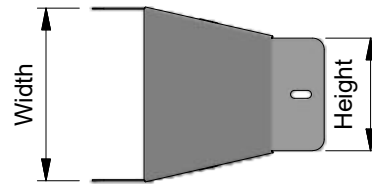
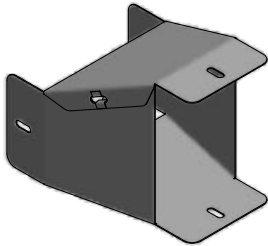


CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



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SYSTEMS

Twist Adaptor



Width: (mm)	Height: (mm)	Part Number:	Finish
75	75	EM/STR/TA 75X75	PG / AL
100	50	EM/STR/TA 100X50	PG / AL
100	75	EM/STR/TA 100X75	PG / AL
100	100	EM/STR/TA 100X100	PG / AL
150	100	EM/STR/TA 150X100	PG / AL
200	100	EM/STR/TA 200X100	PG / AL

Twist Adaptor is supplied with the following components:

- 1 x Twist Adaptor Body
- 1 x Twist Adaptor Lid
- 2 x KBV Fast Lock Clips

Requires (sold separately)

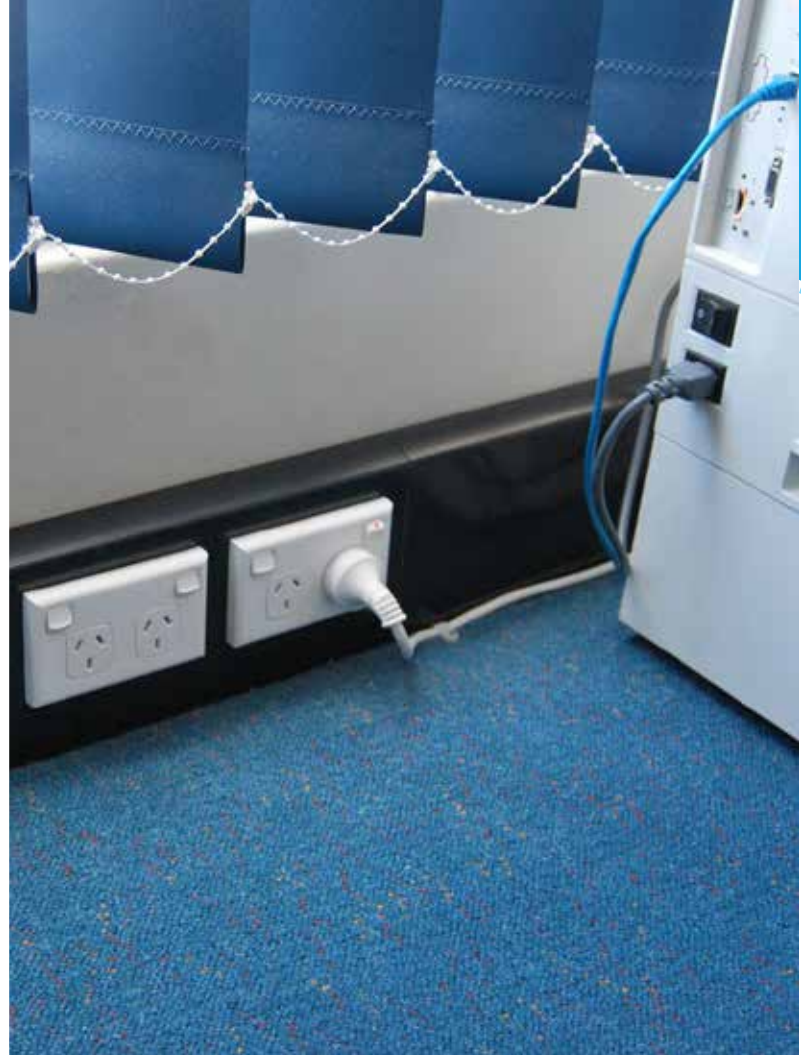
- 4 x GBM06 x 16ZP M6 Gutter Bolt
- 4 x HNF06ZP M6 Flange Nut



Page

Date

[illegible]



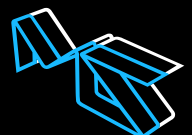
ALUMINIUM SKIRTING DUCT



CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



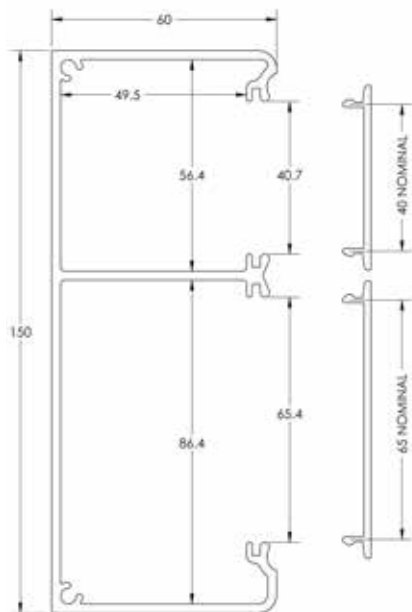
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ALUMINIUM SKIRTING DUCT

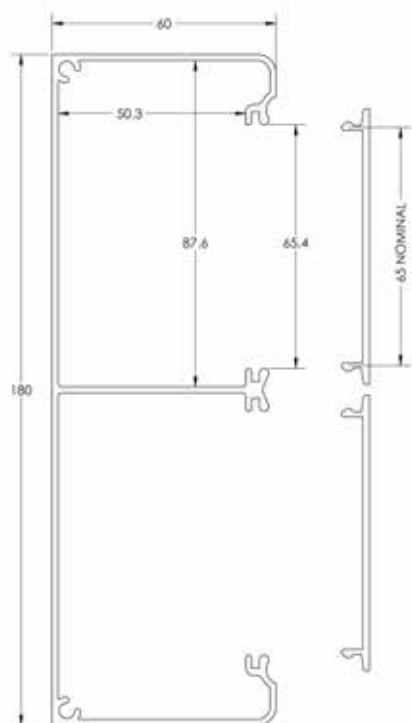
EM/TCD 150 AL Skirting Duct (CAT 6 150/2)



Standard Length: 3.0m
Material: Aluminium
Standard Finish: Mill Finish
 (powder coating available on request)
 Requires 2x Skirting Duct Lid
 (sold separately)

Height: (mm)	Width: (mm)	Part Number:
150	60	EM/TCD 150 AL

EM/TCD 180 AL Skirting Duct (CAT 6 180/2)

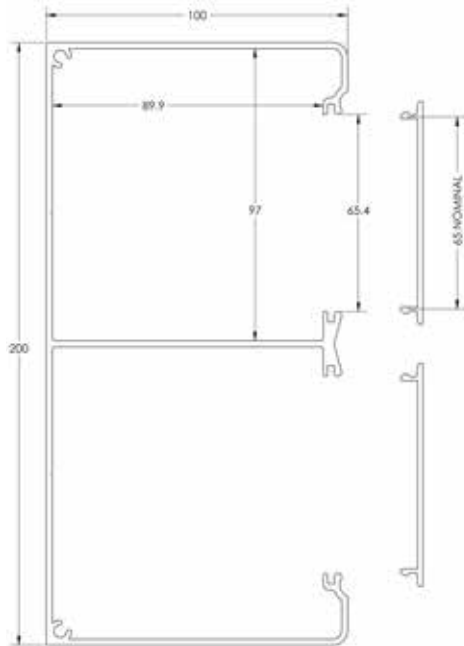


Standard Length: 3.0m
Material: Aluminium
Standard Finish: Mill Finish
 (powder coating available on request)
 Requires 2x Skirting Duct Lid
 (sold separately)

Height: (mm)	Width: (mm)	Part Number:
180	60	EM/TCD 180 AL

ALUMINIUM SKIRTING DUCT

EM/TCD 200 AL SKIRTING DUCT (CAT 6A 200/2)



Standard Length: 3.0m
Material: Aluminium
Standard Finish: Mill Finish
 (powder coating available on request)
 Requires 2x Skirting Duct Lid
 (sold separately)

Height: (mm)	Width: (mm)	Part Number:
200	100	EM/TCD 200 AL

STANDARD COLOUR RANGE (POWDERCOAT)

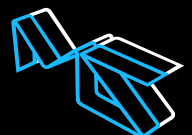
Duralloy®



Colours displayed should be used as a guide for your colour selection. To ensure best colour accuracy, simply order a Dulux Colour Sample.



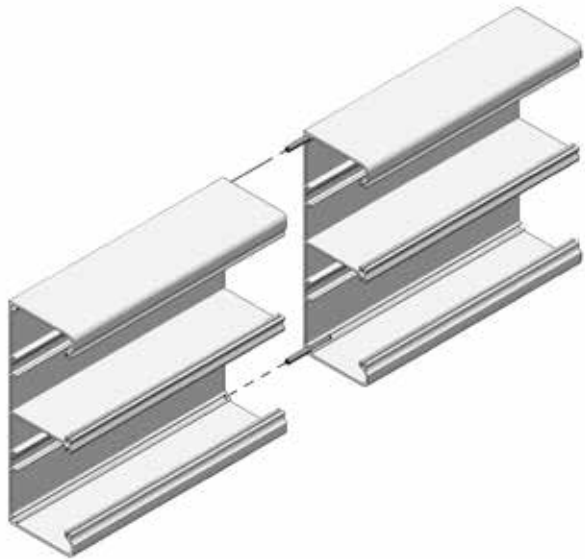
CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS 18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



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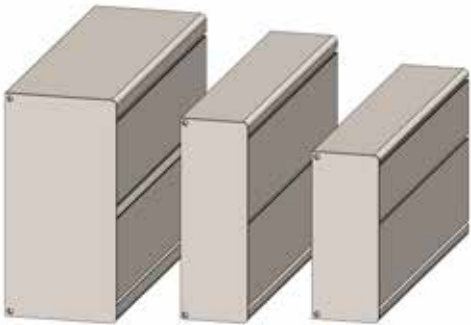
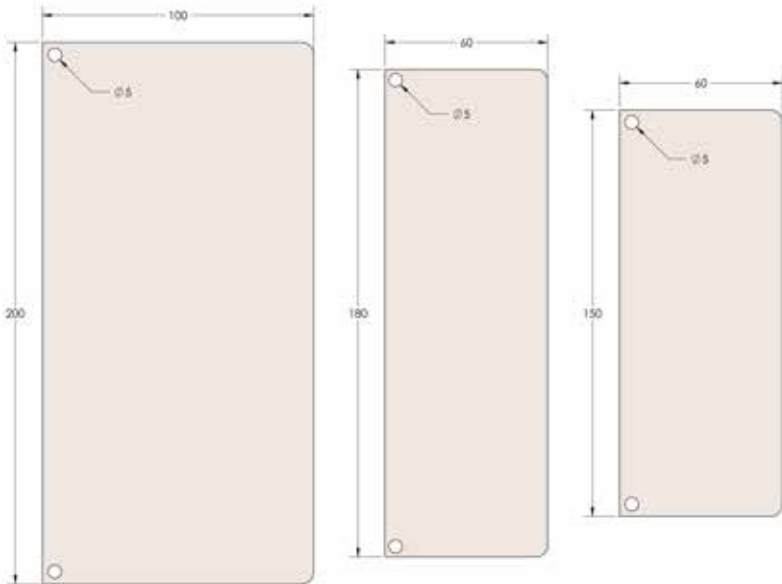
ALUMINIUM SKIRTING DUCT

EM/TCD Joining Pin



To Suit Duct:	Part Number:
EM/TCD 150 AL or EM/TCD 180 AL or EM/TCD 200 AL	EM/TCD/JOINING PIN

EM/TCD End Cap



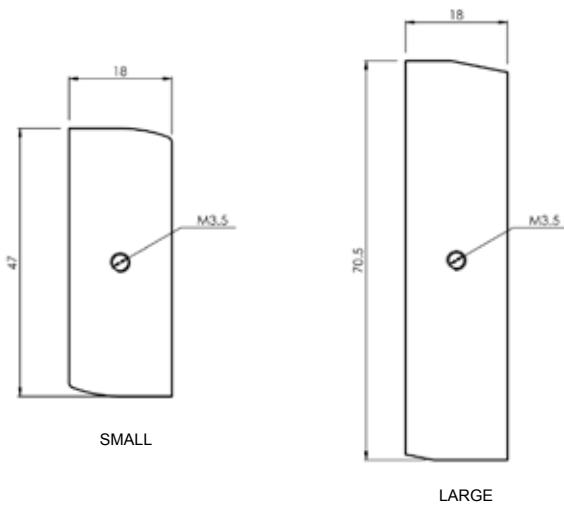
Material: Aluminium
Standard Finish: Mill Finish
(powder coating available on request)
Includes 2 x Self Tapping Screw

KIT COMPONENTS:			
ITEM	DESCRIPTION	QTY	FINISH
	End Cap	1	AL
	Self Tapping Screw	2	ZP

To Suit Duct:	Part Number:
EM/TCD 150 AL	EM/TCD/150/END CAP
EM/TCD 180 AL	EM/TCD/180/END CAP
EM/TCD 200 AL	EM/TCD/200/END CAP

ALUMINIUM SKIRTING DUCT

EM/TCD Outlet Clip



Material: Pre-Galv. Steel

To Suit Duct:

EM/TCD 150 AL

EM/TCD 180 AL

EM/TCD 200 AL

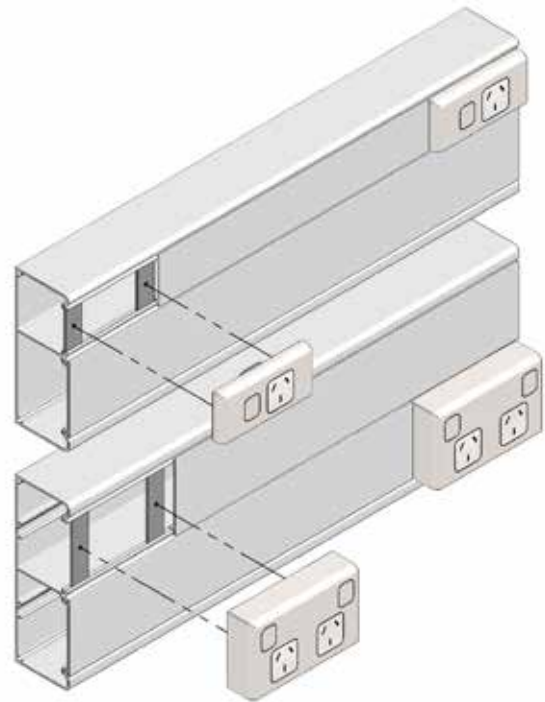
Part Number:

EM/TCD/OC SMALL

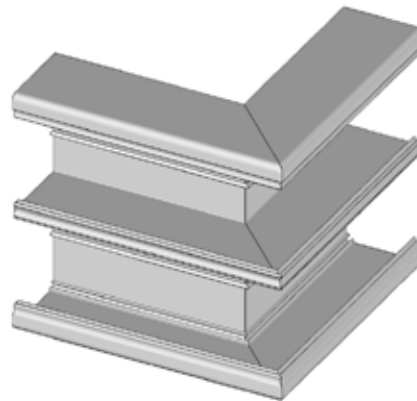
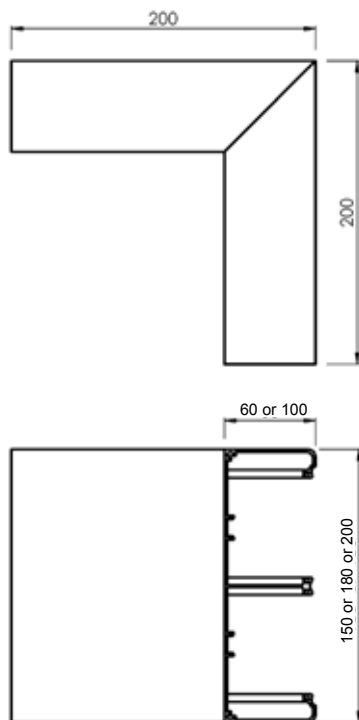
EM/TCD/OC LARGE

EM/TCD/OC SMALL

EM/TCD/OC LARGE



EM/TCD HB90 External Bend



Material:

Standard Finish:

Aluminium

Mill Finish

(powder coating available on request)

Supplied with HB90 Ext Lids

To Suit Duct:

EM/TCD 150 AL

EM/TCD 180 AL

EM/TCD 200 AL

Part Number:

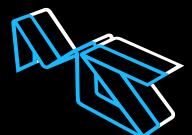
EM/TCD/150/HB90 EXT

EM/TCD/180/HB90 EXT

EM/TCD/200/HB90 EXT



CERTIFIED QUALITY SYSTEM – ISO 9001:2015 BS OHSAS
18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018

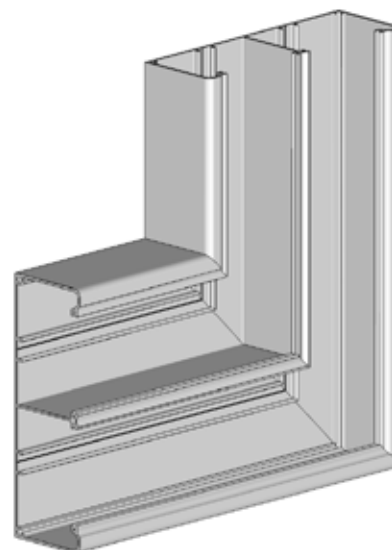
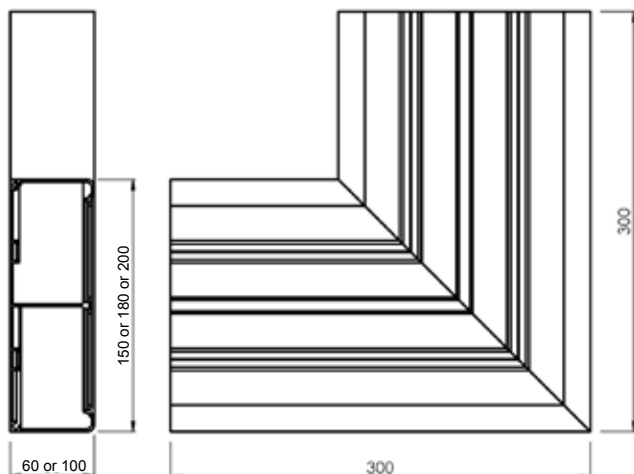


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ALUMINIUM SKIRTING DUCT

EM/TCD VB90 Vertical Bend



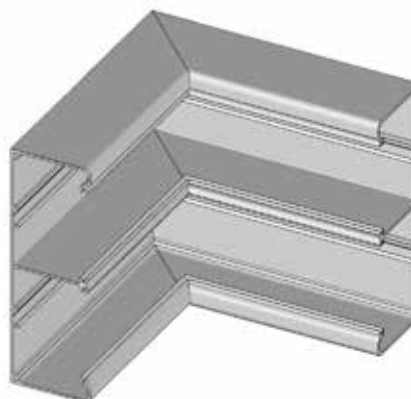
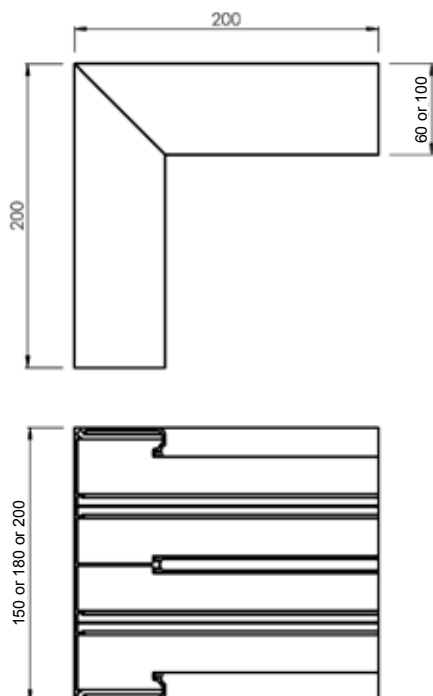
Material: Aluminium
Standard Finish: Mill Finish
 (powder coating available on request)
 Supplied with VB90 Lids

To Suit Duct:

Part Number:

EM/TCD 150 AL	EM/TCD/150/VB90
EM/TCD 180 AL	EM/TCD/180/VB90
EM/TCD 200 AL	EM/TCD/200/VB90

EM/TCD HB90 Internal Bend



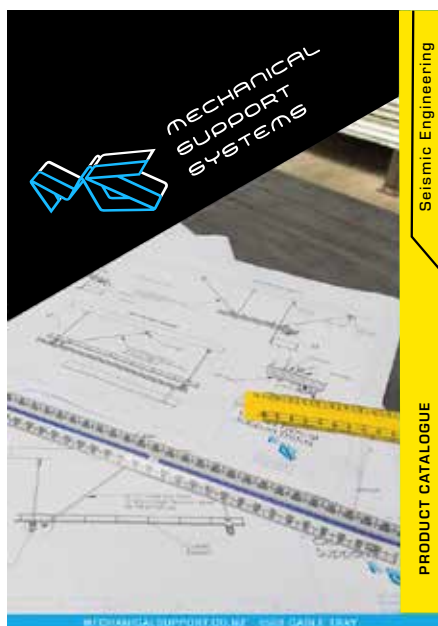
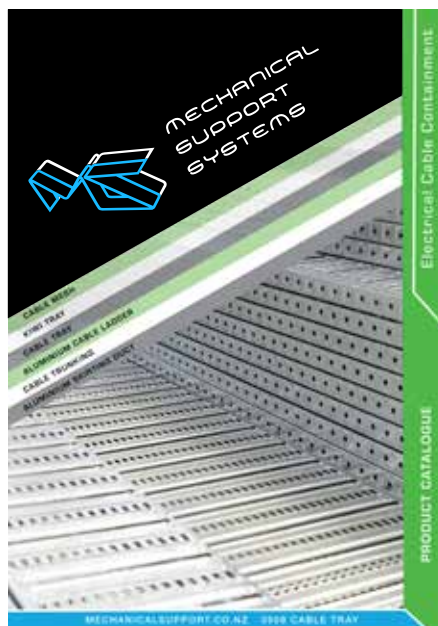
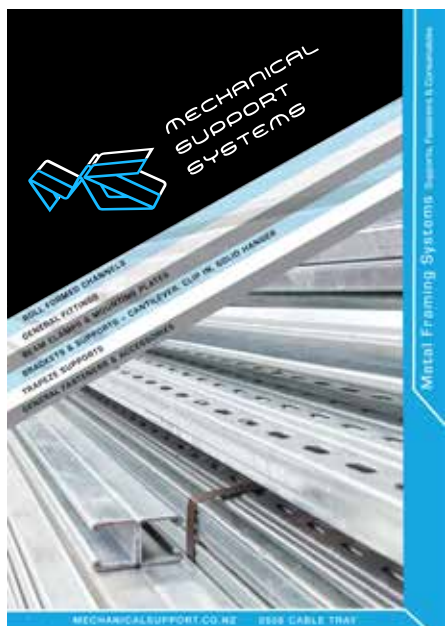
Material: Aluminium
Standard Finish: Mill Finish
 (powder coating available on request)
 Supplied with HB90 Int Lids

To Suit Duct:

Part Number:

EM/TCD 150 AL	EM/TCD/150/HB90 INT
EM/TCD 180 AL	EM/TCD/180/HB90 INT
EM/TCD 200 AL	EM/TCD/200/HB90 INT

Product Catalogue Range



Download a catalogue www.mechanicalsupport.co.nz

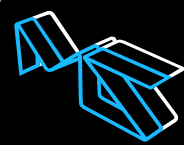
Get in touch with us 0508 CABLE TRAY or (09) 279-8292



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18001:2007 AS/NZS 4801:2001 PAS99:2012 & ISO 45001: 2018



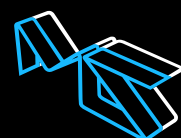
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