



A New Horizon of Quality & Service



Product Catalogue





CONTENTS

Introduction

Manufacturing Standards

Orion Perforated Cable Trays

Orion Cable Ladders

Orion Cable Trunkings

Orion Strut Channels

Orion Brackets

Orion Framing Fittings

Orion Hardware

Orion Steel Lintels



INTRODUCTION

With great pleasure we introduce Orion Cable Trays, manufacturers of different types of cable trays, like, perforated type, ladder type and trunkings, with all fittings & accessories. Cable tray is a unit, or assembly of units and associated fittings, forming a rigid structural system, used to securely fasten or support cables. Cable tray is an integral part of all major projects, industrial, commercial or utility. Cable Tray has greatly improved safety, durability and beauty of cable installations.

Orion Cable Trays was established by a small group of engineers, with decades of experience in manufacturing and marketing of cable trays, all over the world, to serve and support, the ever growing construction market. Orion Factory is equipped with most advanced Computer Numerical Controlled machines and full-fledged, design quality and research departments. We hereby assure, continuous supply of high quality, cost effective cable tray products, and very reliable service.



MANUFACTURING STANDARD

Material

Cable Trays are made, either from corrosion-resistant metals or from metals with a corrosion-resistant finish. Orion Cable management products are made from carbon steel, cor-ten steel, stainless steel or aluminium

Carbon Steel

This raw material occupies 90% of cable trays manufactured all over the world. It combines good strength, economy and availability. It is given various non-corrosive coatings, according to its application.

Cor-Ten Steel

This is a high strength low alloy steel, especially suitable for high galvanized coating thickness. It has got high silicon content, and due to which, can be achieved up to 165 microns of coating thickness. This is most suitable for industrial plants, under-passes and tunnels.

Stainless Steel

Stainless steel products are designed for use in highly aggressive environment, either indoors or outdoors, on industrial sites where there are high levels of potent airborne pollution such as in certain chemical industries, cellulose-related industries, refineries, artificial fertilizer factories, high humidity tunnels etc. The fire resistance of stainless steel is particularly noteworthy. Tests have demonstrated that stainless steel cable supports can be expected to maintain their integrity for considerable periods, even when exposed to direct flame temperatures exceeding 1000°C. Stainless steel products are also used where special hygiene requirements are in force, such as dairies, abattoirs, food industries, pharmaceutical factories etc. Orion stainless steel products are made from either AISI 304 OR AISI 316L. The deciding factor in choosing between these two materials is the aggressiveness of the environment in which the cable supports are to be installed, and for this, atmospheric chlorine content plays significant role. Environments with high chlorine content - coastal areas being a prime example - usually require the use of AISI 316L.

Aluminium

Aluminium is a rust free alternative to all other basic raw materials. It has got a special superficial coating of Al_2O_3 (alumina) to protect from rust. Although it is very light in weight, it can take loads up to 40kg/mtr with a factor of safety of 1.6. The alloy we use for manufacturing cable trays and ladders are 6063-T6 alloy. It does not require any additional coating.

Surface Finish

All Orion Cable management products, made of carbon steel, are given non-corrosive zinc coating, in any one of the three basic forms, (1) Hot dip galvanized after fabrication. (2) Mill galvanized and (3) Electro Galvanized. In all case, the corrosion resistance of zinc is directly related to the coating thickness and harshness of environment.



Hot Drip Galvanized After Fabrication

Hot dip galvanizing after fabrication is the process of, chemically cleaning a steel product of all contaminant and then dipping in molten zinc, after the fabrication process is completed. The thickness of zinc coating depends on the thickness of the steel. Local coating thickness varies from 35-45 microns depending on thickness. Orion products are hot dip galvanized according to British Standard: BS EN ISO 1461 (formerly ZS 729).

Mill Galvanized

This is the process of fabricating products from hot dip galvanized steel sheets. The sheets are hot dip galvanized in the rolling mill, where they are produced, by continuously rolling steel coils through a bath of molten zinc. During fabrication where slitting, forming or welding is performed, the cut edges and heat affected zone of welding are subject to superficial oxidation. These areas are protected through electrolytic action of the adjacent zinc surfaces. This finish is usually used in normal atmospheric conditions. Mill galvanized cable trays are not suitable for, environments of chemicals or industrial wastes, coastal areas etc. Orion mill galvanized cable tray products conform to British Standard: BS EN 10142 (formerly BS 2989).

Electro Galvanizing

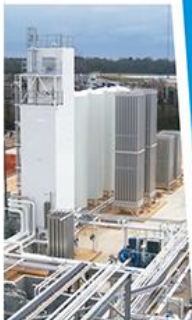
Electro-galvanizing is the process of zinc coating a product, by putting a negative charge on it and exposing to a solution containing a salt of zinc, whereby, the positively charged zinc ions in the solution are reduced to metallic form, giving a non-corrosive coating. Orion products are electro galvanized in accordance to BS7371 part 1:1991.

PVC (Poly Vinyl Chloride) Coating

PVC coating provides good corrosion resistance to sea water and oil. Its major disadvantage is poor resistance to organic solvents.



Orion Perforated Cable Trays

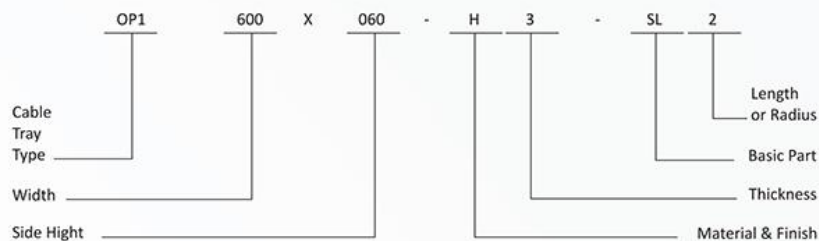




Orion Cable Trays Ordering Chart

Cable Tray Types	Width (MM)	Basic Part	Material & Finish	Thickness	Side Height (MM)	Length & Radius
OP 1	50	SL: Straight length	M: Mill galvanized mild steel	1 - 1.0 mm	25	Length:
OP 2	100	EN: Elbow 90°			30	
OP 3	150	EF: Elbow 45°		2 - 1.2 mm	50	2 - 2440 mm
OP 4	200	ON: Outside riser 90°			60	
OP 5	250	OF: Outside riser 45°	H: Hot dip galvanized mild steel	3 - 1.5 mm	70	3 - 3000 mm
	300	IN: Inside riser 90°			75	
	400	IF: Inside riser 45°		4 - 2.0 mm	80	Radius:
	450	HT: Horizontal Tee			90	
	500	RT: Reducing Tee	A: Aluminium		100	3 - 300 mm
	600	DT: Dividing Tee			120	6 - 600 mm
	700	VT: Vertical Tee	P: PVC Coated		150	9 - 900 mm
	800	HC: Horizontal cross				
	900	RC: Reducing cross	C: Cor-Ten steel			
	1000	RR: Reducer right				
		RL: Reducer left	S: SS 304			
		RS: Reducer straight	T: SS 316			

Part Numbering



Example

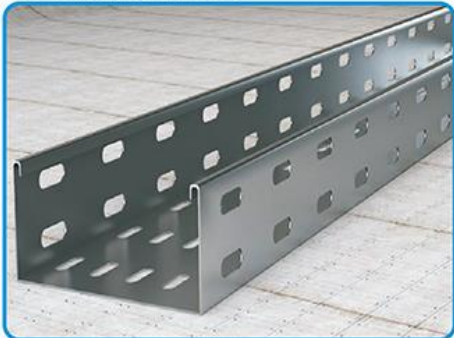
OP1-600x060-H3-SL2

Orion perforated cable tray, R-type, inside flange, 600mm width, 60mm side height, hot dip galvanized mild steel, 1.5mm thickness, straight length, 2440mm long.

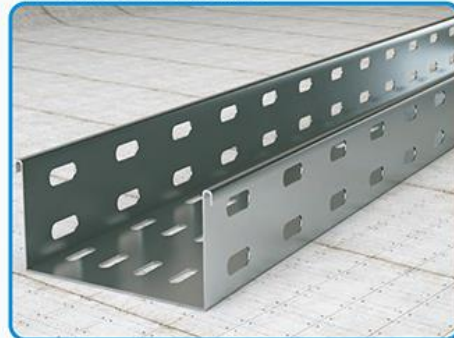


Orion Perforated Cable Tray Types

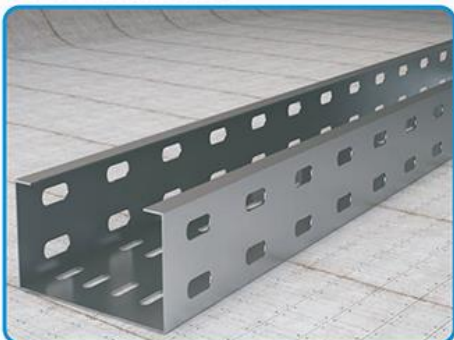
OP1 - R TYPE INSIDE FLANGE



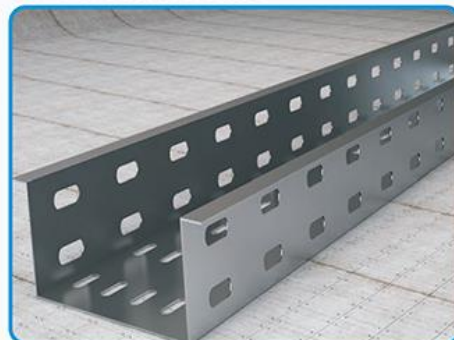
Op2 - R TYPE OUTSIDE FLANGE



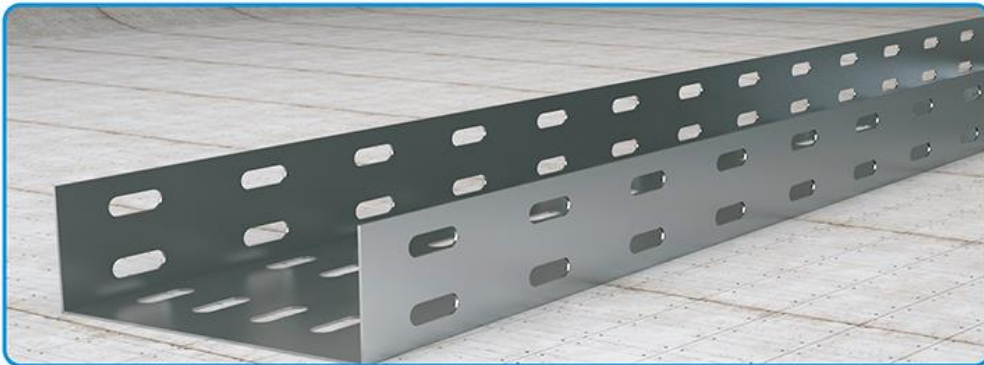
OP3 - C TYPE INSIDE FLANGE



OP4 - C TYPE OUTSIDE FLANGE



OP5 - P TYPE





Orion Tray Fittings

EN Elbow 90°



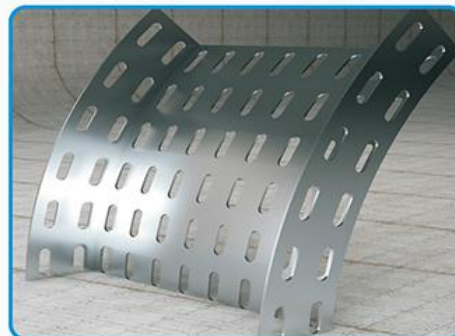
EF Elbow 45°



ON Outside Riser 90°



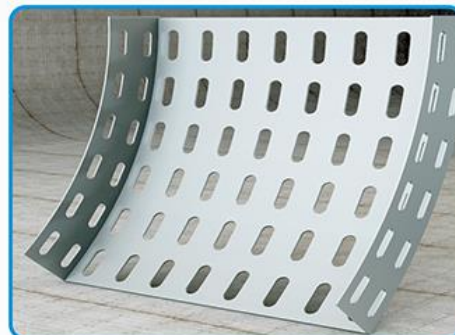
OF Outside Riser 45°



IN Inside Riser 90°



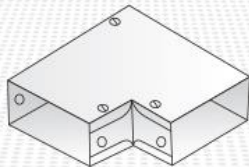
IF Inside Riser 45°



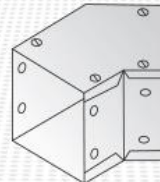


Orion Trunking Fittings

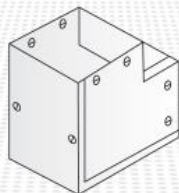
EN



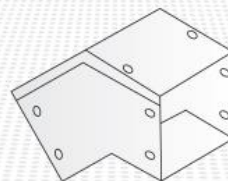
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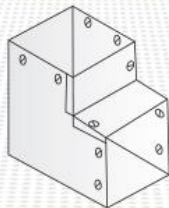
ON



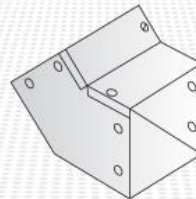
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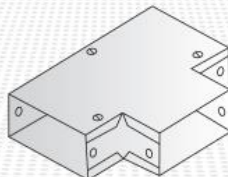
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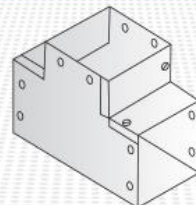
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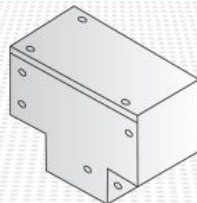
HT



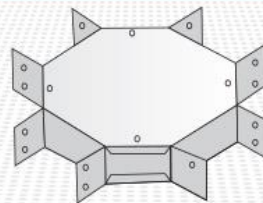
IT



OT



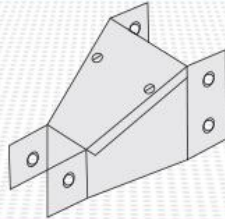
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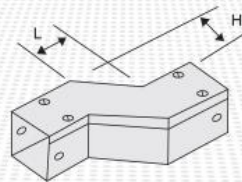


Orion Trunking Fittings

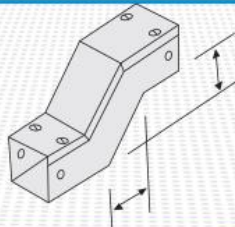
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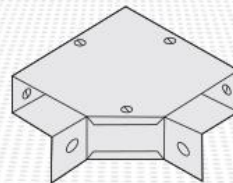
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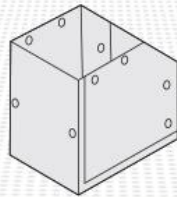
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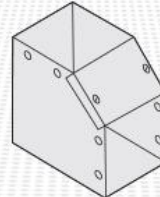
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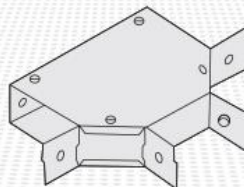
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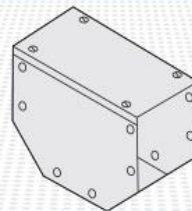
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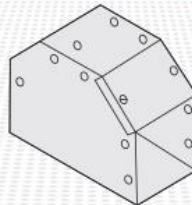
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TT



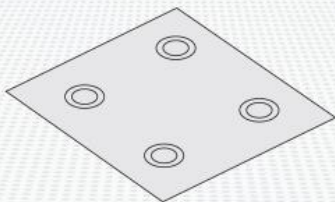
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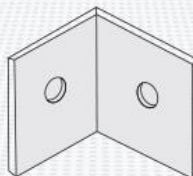


Orion Trunking Accessories

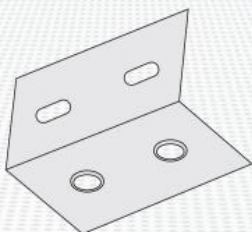
OU 1



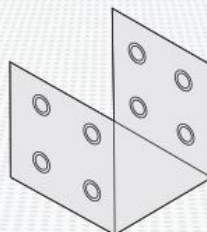
OU 2



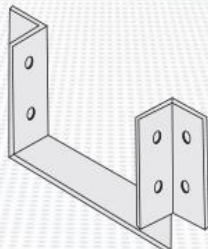
OU 3



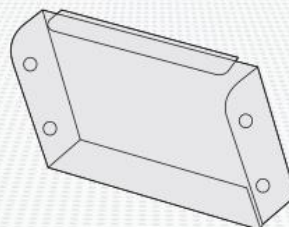
OU 4



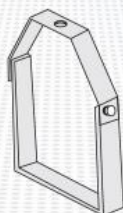
OU 5



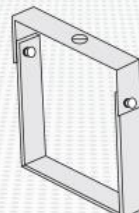
OU 6



OU 7



OU 8

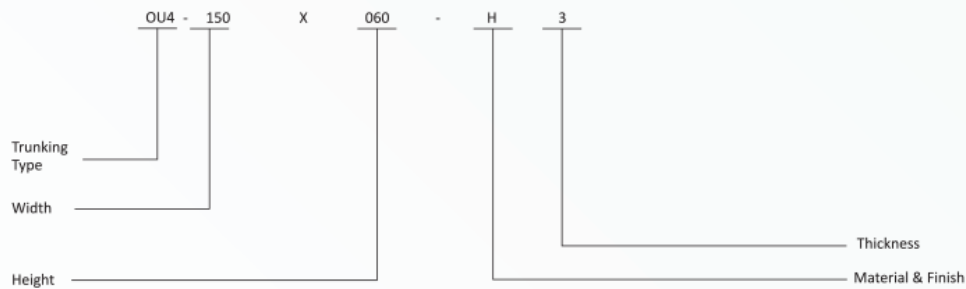




Orion Trunking Accessories - Ordering Chart

PART NUMBER	ACCESSORY NAME	WIDTH, (MM)	SIDE HEIGHT	THICKNESS	MATERIAL & FINISH	PART NUMBERING EXAMPLE
OU 1	Splice Plate	Width of trunking	Side height of trunking	1-1.0 mm	M: Mill galvanized mild steel	OU1-050-M3
OU 2	Angle Connector			2-1.2 mm		OU2-050-H2
OU 3	L.connector			3-1.5 mm		OU3-070-M3
OU 4	U.connector			4-2.0 mm	H: Hot dip galvanized mild steel	OU4-150x060-H3
OU 5	Wall connector			5-2.5 mm		OU5-250x070-H4
OU 6	End cap			6-3.0 mm	A: Aluminium	OU6-300x060-M2
OU 7	Suspension hanger, Type 1				P: PVC Coated	OU7-200x050-H4
OU 8	Suspension hanger, Type 2				C- Cor-Ten steel	OU8-250x100-M4
					S- SS 304	
					T- SS 316	

Part Numbering



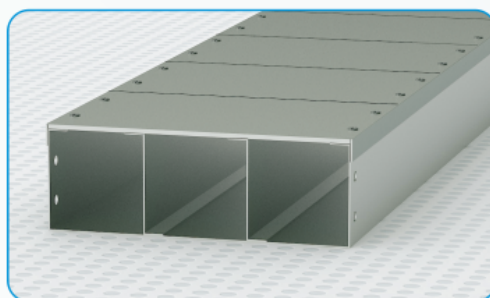
Example

OU4-150x060-H3

U-connector for 150 mm width trunking, 60mm side height, hot dip galvanized mild steel, 1.5mm thickness.



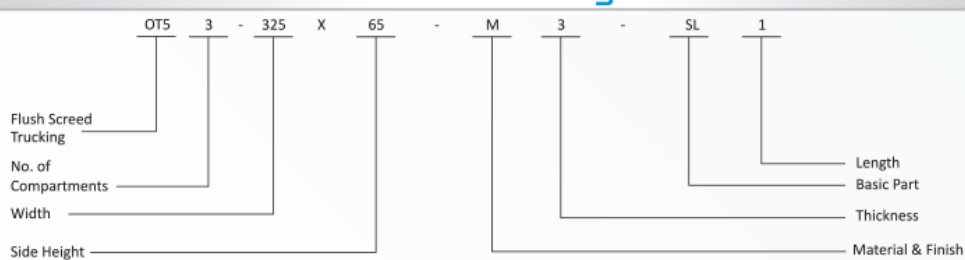
Orion Flush Scream Trunking



Ordering Chart

OT5	COMPARTMENTS	WIDTH, (MM)	SIDE HEIGHT	THICKNESS	LENGTH	MATERIAL & FINISH	BASIC PARTS
Orion flush scream trunking 3 mm thick flush cover suitable to fix service outlet	2 - Two Compartments 3 - Three Compartments	325 350	65 80 90 100 110 120	3-1.5 mm 4-2.0 mm	1-1200mm 2-2400mm	M: Mill galvanized mild steel	SL : Straight length EN : Elbow 90° EF : Elbow 45° IN : Riser 90° HT : Horizontal T HC : Horizontal cross

Part Numbering



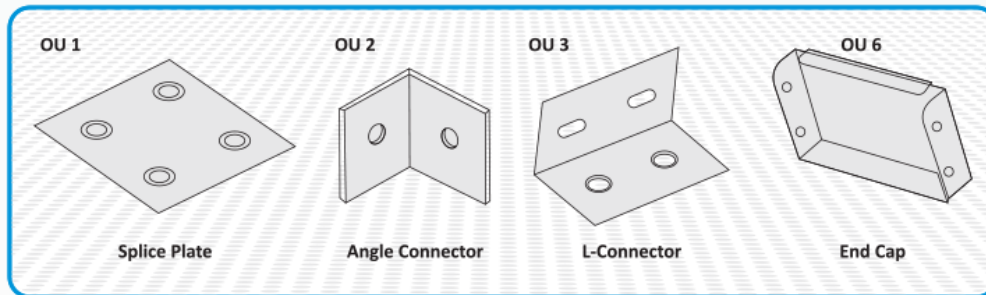
Example

OT53-325x065-M3-SL1

Orion flush scream trunking, three compartment, 325mm width, 65mm side height, mill galvanized mild steel, 1.5mm thickness, straight length, 1200mm long.



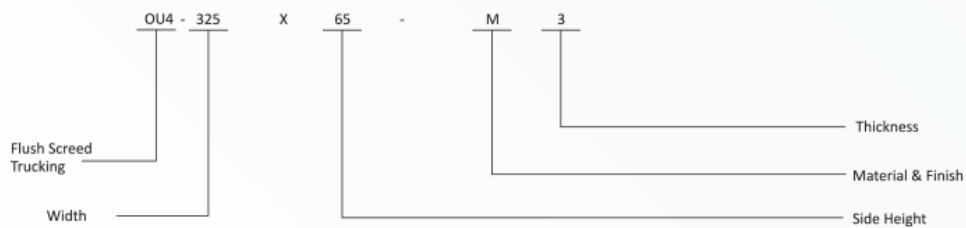
Flush Screed Trunking Accessories



Ordering Chart

PART NUMBER	ACCESSORY NAME	WIDTH, (MM)	SIDE HEIGHT	MATERIAL & FINISH	THICKNESS	PART NUMBERING EXAMPLE
OU 1	Splice Plate	Width of	Side	M: Mill	3-1.5 mm	OU1-065-M3
OU 2	Angle Connector	trunking	height of	galvanized	4-2.0 mm	OU2-090-M3
OU 3	L.connector		trunking	mild steel		OU3-080-M4
OU 6	End cap					OU6-325x065-M3

Part Numbering



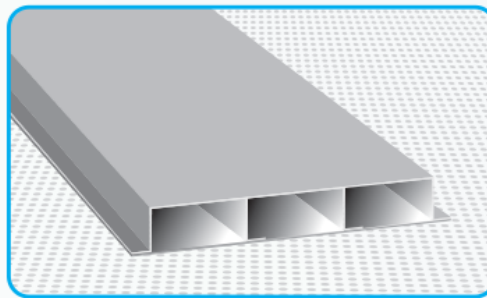
Example

OU4-325x065-M3

U-connector for 325mm width trunking, 65mm side height, mill galvanized mild steel , 1.5mm thickness.



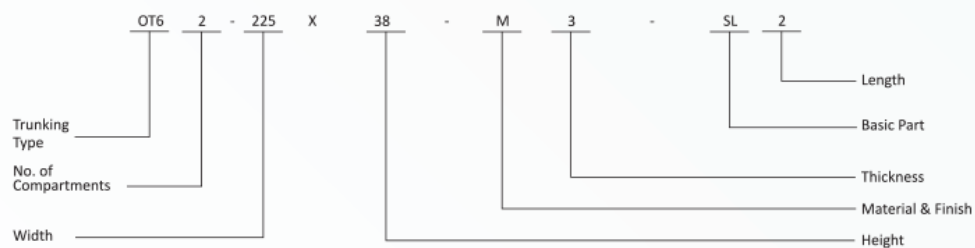
Orion Under Screed Trunking



Ordering Chart

OT 6	COMPARTMENTS	WIDTH, (MIM)	SIDE HEIGHT (MIM)	MATERIAL & FINISH	THICKNESS	LENGTH	SCREED HEIGHT (MM)	BASIC PART
Under screed trunking	1 - One Compartment	150	25	M: Mill	1-1.0mm	1-1200 mm	1 - 65	SL: Straight length
	2 - Two Compartments	200		galvanized		2-2440 mm	2 - 100	EN: Two-way 90° Junction Box
	3 - Three Compartments	225	28	mild steel	2-1.2mm			ST: Two-way Straight Junction Box
	4 - Four Compartments	300						HT: Three-way Junction Box
		325	38	H: Hot dip galvanized	3-1.5mm			HC: Four-way Junction Box
		350		mild steel				IN : Riser 90°
		400	40	A: Aluminium	4-2.0mm			
			50	P: PVC Coated				

Part Numbering



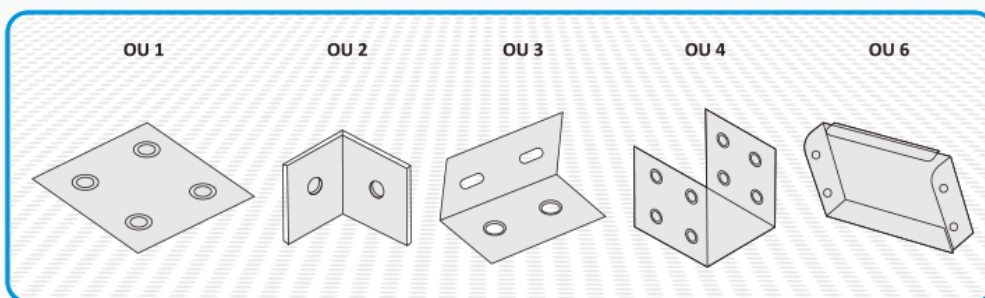
Example

OT62-225x38-M3-SL2

Orion under screed trunking, two compartment, 225mm width, 38mm side height, mill galvanized mild steel, 1.5mm thickness, straight length, 2440mm long.



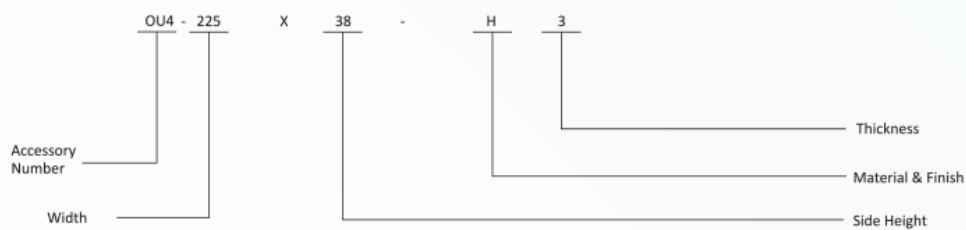
Under Screed Trunking Accessories



Ordering Chart

PART NUMBER	ACCESSORY NAME	WIDTH, (MM)	SIDE HEIGHT	MATERIAL & FINISH	THICKNESS	PART NUMBERING EXAMPLE
OU 1	Splice Plate	Width of	Side	M: Mill	1-1.0 mm	OU1-38-M2
OU 2	Angle Connector	trunking	height of	galvanized	3-1.5 mm	OU2-40-H3
OU 3	L.connector		trunking	H: Hot dip	2-1.2 mm	OU3-50-M2
OU 4	U.connector			galvanized	4-2.0 mm	OU4-225x38-H3
OU 6	End cap			mild steel		OU6-225x38-M2
				A: Aluminium		
				P: PVC coated		

Part Numbering

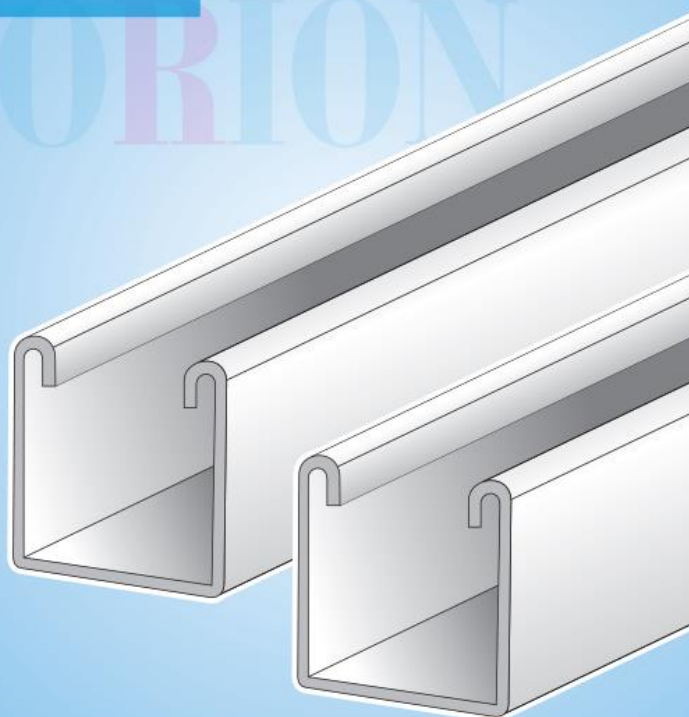
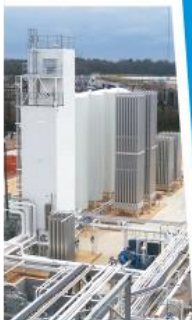


Example

OU4-325x065-H3

U-connector for 325mm width trunking, 65mm side height, hot dip galvanized mild steel, 1.5mm thickness.

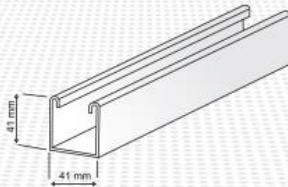
Orion Strut Channels



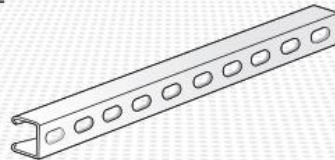


Orion Strut Channels

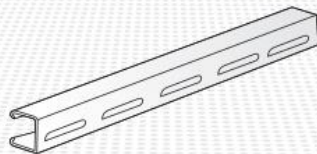
OS 01



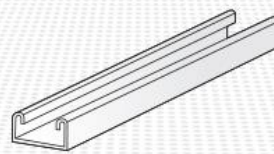
OS 02



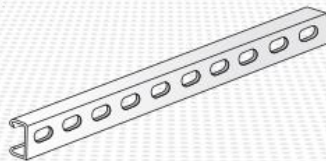
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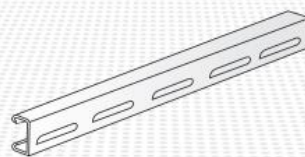
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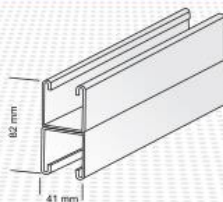
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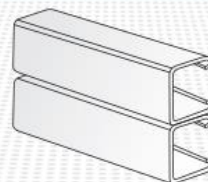
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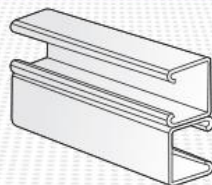
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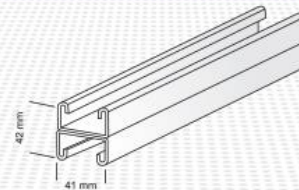
OS 08



OS 09



OS 10

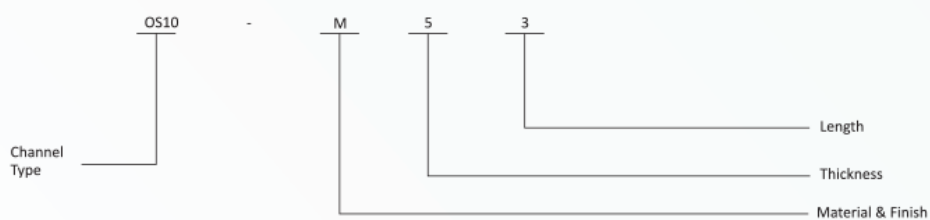




Orion Strut Channel - Ordering Chart

PART NUMBER	DESCRIPTION	MATERIAL & FINISH	THICKNESS	LENGTH	PART NUMBERING EXAMPLE
OS 01	41x41 mm, single, plain	M: Mill galvanized mild steel	3-1.5 mm	3 - 3000 mm	OS01-M33
OS 02	41x41 mm, single, slotted 14x20 mm		4-2.0 mm	5 - 6000 mm	OS02-H43
OS 03	41x41 mm, single, slotted 14x50 mm		5-2.5 mm		OS03-H53
OS 04	41x21 mm, single, plain	H: Hot dip galvanized mild steel			OS04-M43
OS 05	41x21 mm, single, slotted 14x20 mm				OS05-H33
OS 06	41x21 mm, single, slotted 14x50 mm				OS06-H53
OS 07	41x41 mm, double, back to back				OS07-H55
OS 08	41x41 mm, double, parallel				OS08-M33
OS 09	41x41 mm, double, opposite				OS09-H45
OS 10	41x21mm, double, back to back				OS10-M53

Part Numbering



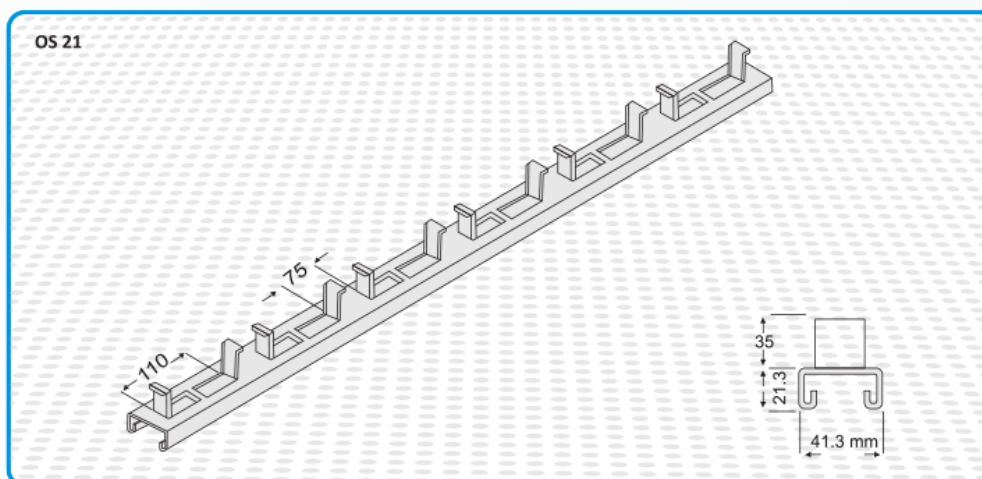
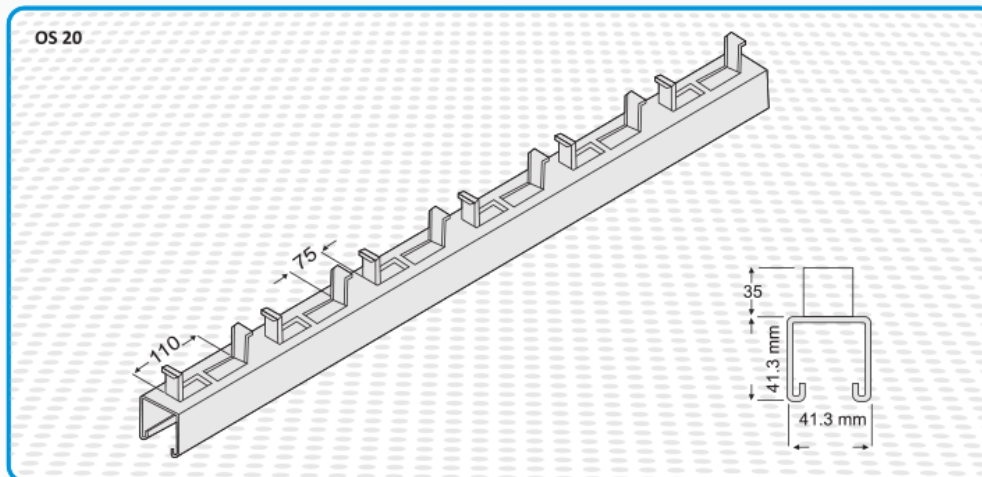
Example

OS10-M53

Orion double back to back channel, 41 x 21, mill galvanized mild steel, 2.5 mm thickness, 3000mm long.



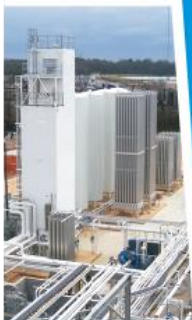
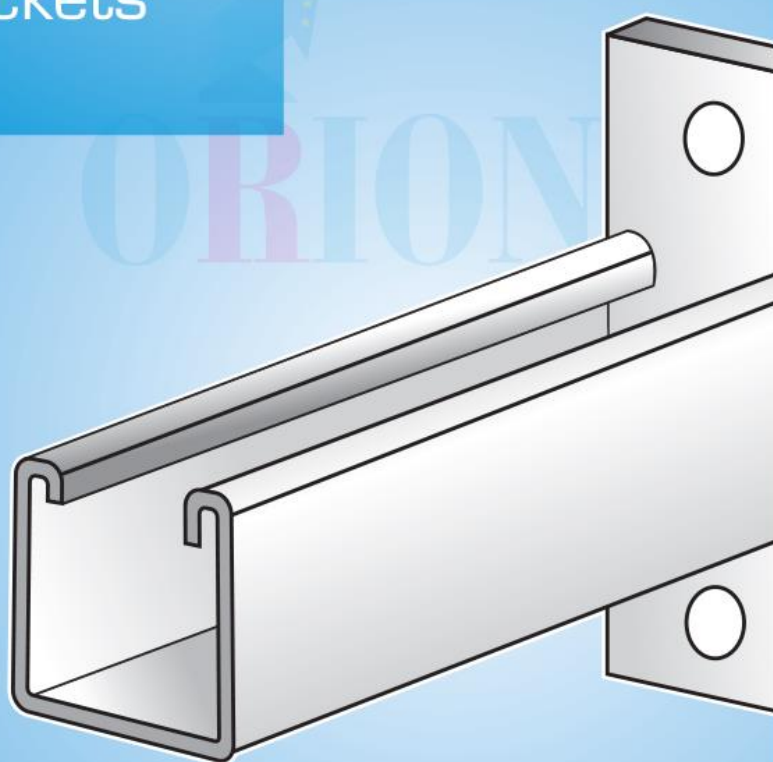
Orion Concrete Inserts



Part Numbering

PART NUMBER	DESCRIPTION	PART NUMBERING EXAMPLE
OS 20	Strut Channel Concrete insert, 41x41 mm	OS20-H43
OS 21	Strut Channel Concrete insert, 41x21 mm	OS21-H53

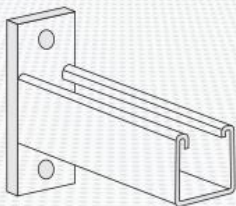
Orion Brackets



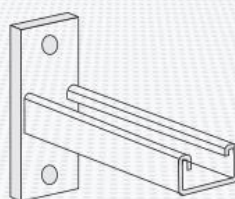


Orion Brackets

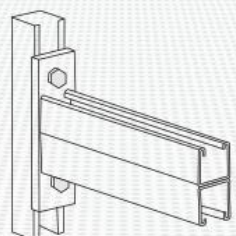
OB 01



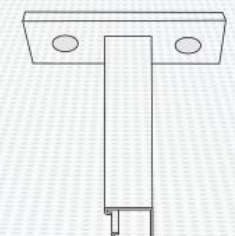
OB 02



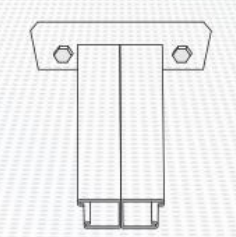
OB 03



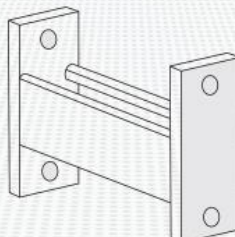
OB 04



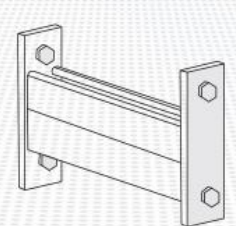
OB 05



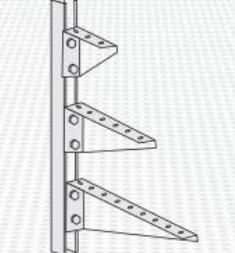
OB 06



OB 07



OB 08

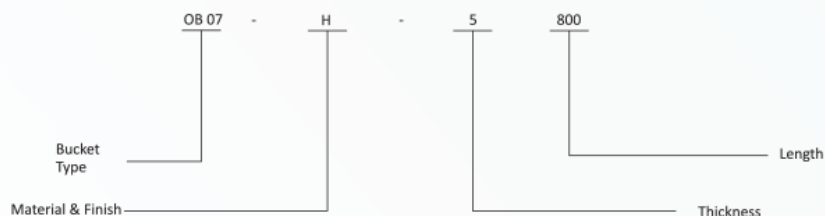




Orion Brackets - Ordering Chart

PART NUMBER	DESCRIPTION	MATERIAL & FINISH	THICKNESS	PART NUMBERING EXAMPLE
OB 01	Channel bracket, 41x41	M: Mill galvanized mild steel	3-1.5 mm	OB01-H4-600
OB 02	Channel bracket, 41x21		4-2.0 mm	OB02-H5-750
OB 03	Double Channel bracket, 41x41		5-2.5 mm	OB03-H4-800
OB 04	Channel ceiling bracket, single, 41x41	H: Hot dip galvanized mild steel		OB04-H3-450
OB 05	Double channel ceiling bracket			OB05-H5-650
OB 06	Channel beam bracket, single channel, 41x41	P: PVC coated		OB06-H4-900
OB 07	Double channel beam bracket, 41x41	C: Cor-Ten steel		OB07-H5-800
OB 08		S: SS 304		OB10-M3-650
OB 09		T: SS 316		OS09-H45
OB 10	Shelf bracket			OS10-M53

Part Numbering



Example

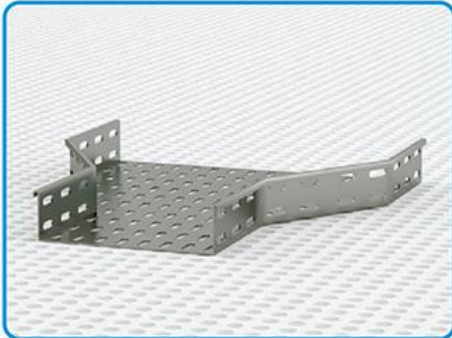
PART NUMBERING EXAMPLE : OB07-H-5-800

Double Channel beam bracket, 41x41, hot dip galvanized mild steel, 2.5mm thickness, 800mm long.

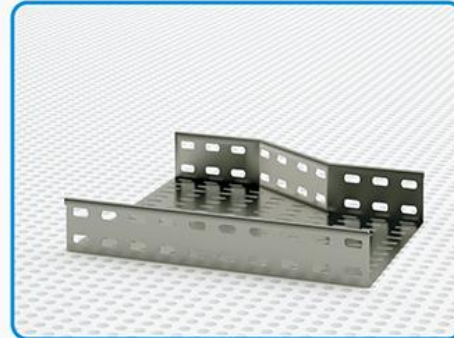


Orion Tray Fittings

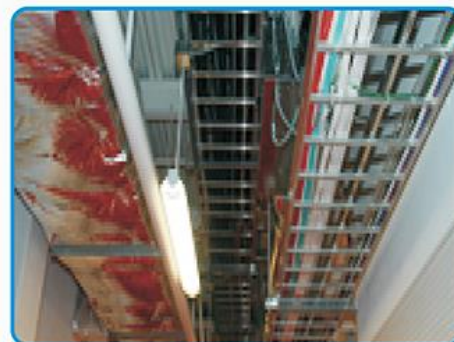
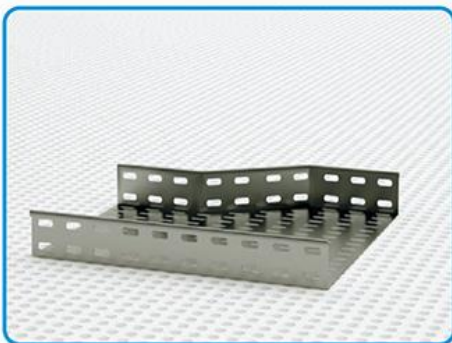
RS Reducer Straight



RR Reducer Right

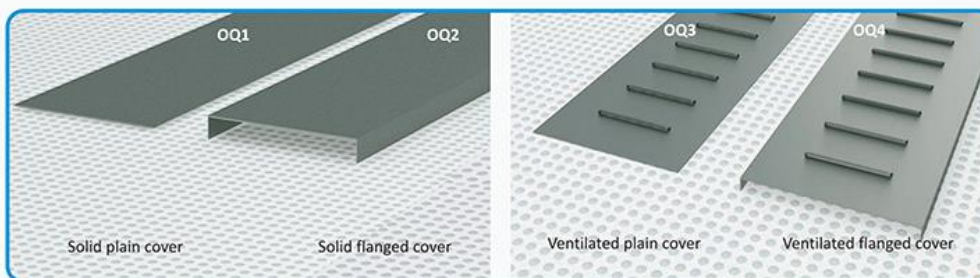


RL Reducer Left



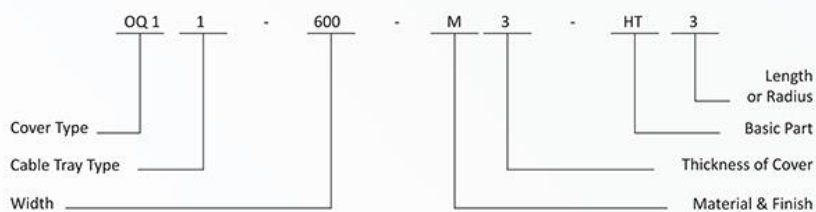


Orion Tray Cover - Ordering Chart



Cover Type	Cable Tray Type Number	Width	Material & Finish	Thickness	Length & Radius
OQ 1	1 - OP1	Cable tray width	M: Mill galvanized mild steel H: Hot dip galvanized mild steel	1 - 1.0 mm	Length:
OQ 2	2 - OP2			2 - 1.2 mm	2 - 2440 mm
OQ 3	3 - OP3			3 - 1.5 mm	3 - 3000 mm
OQ 4	4 - OP4		A: Aluminium P: PVC coated C - Cor-Ten Steel S: SS 304 T: SS 316	4 - 2.0 mm	Radius:
	5 - OP5				3 - 300 mm 6 - 600 mm 9 - 900 mm

Orion Tray Cover - Ordering Chart



Part Numbering

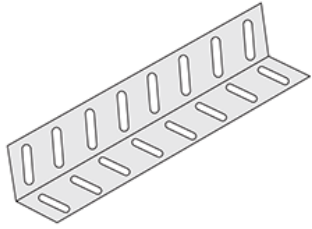
OQ11-600-M3-HT3

Orion solid plain cover for R-type inside flange cable tray, 600 mm width, Mill galvanized mild steel, 1.5 mm thickness, horizontal tee, 300 mm radius.

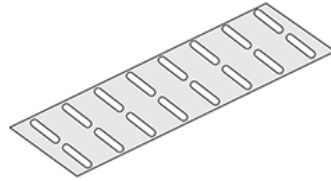


Orion Perforated Tray Accessories

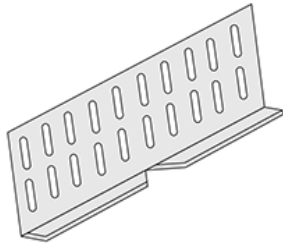
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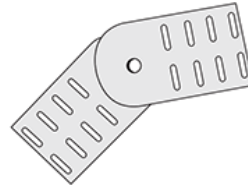
OR 02



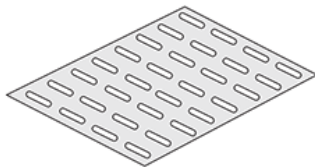
OR 03



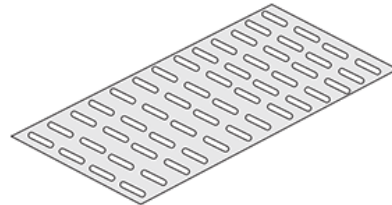
OR 04



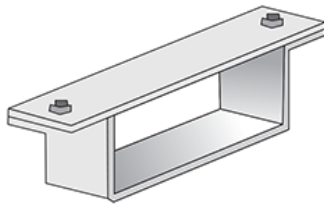
OR 05



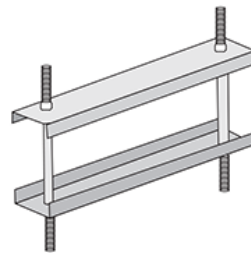
OR 06



OR 07



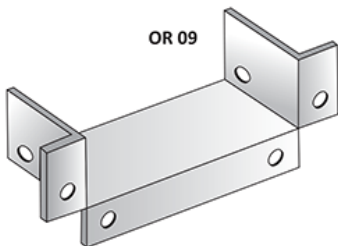
OR 08





Orion Perforated Tray Accessories

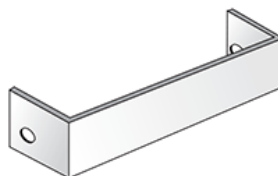
OR 09



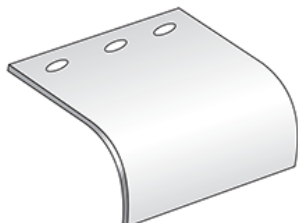
OR 10



OR 11



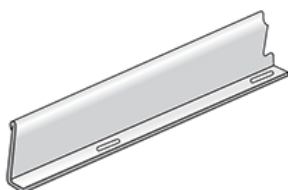
OR 12



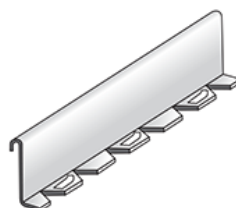
OR 13



OR 14



OR 15





ORION PERFORATED TRAY ACCESSORIES - ORDERING CHART

Part Number	Accessory Name	Cable Tray Width	Cable Tray Side Height	Material & Finish	Thickness	Length	Part Numbering Example
OR 01	Standard bent Connector	-	•	• M-Mill Galvanized Mild Steel	• 1-1.0mm	• 2-2440mm	OR01-060-H3
OR 02	Standard stright Connector	-	•	• H-Hot dip Galvanized Mild Steel	• 2-1.2mm	• 3-300mm	OR02-060-H3
OR 03	Adjustable Horizontal Connector	-	•	• E-Electro Galvanized Mild Steel	• 3-1.5mm	-	OR03-060-H3
OR 04	Adjustable Vertical Connector	-	•	• A-Aluminium	• 4-2.0mm	-	OR04-060-H3
OR 05	Standard fish plate, 200 mm long	-	-	• P-PVC Coated	• 5-2.5mm	-	OR05-H3
OR 06	Long fish plate	•	-	• C-Cor Ten Steel	• 6-3.0mm	-	OR06-600-H3
OR 07	Wrap around Connector	•	•	• S-SS 304	• 7-4.0mm	-	OR07-600X060-H3
OR 08	Double clamp Connector	•	•	• T-SS 316	• 8-5.0mm	-	OR08-600X060-H3
OR 09	Box Connector	•	•	•	• 9-6.0mm	-	OR09-600X060-H3
OR 10	Side Cover Clamp	-	•	•	•	-	OR10-060-H3
OR 11	Blind end	•	•	•	•	-	OR11-600-H3
OR 12	Drop out	•	-	•	•	-	OR12-600-H3
OR 13	Ground Bonding Jumper	-	-	•	•	-	OR13
OR 14	Barrier Strip for straight Section	-	•	•	•	•	OR14-060-H2-SL2
OR 15	Barrier Strip for Horizontal Fittings	-	•	•	•	•	OR15-060-H2-SL2

• Applicable
- Not Applicable



CABLE CARRYING CAPACITY

Cable Tray Width	Cable data			Cable tray capacity							
	Section sq.mm	Over all dia.(mm)	Weight kg./m	Height - 25mm		Height - 50mm		Height - 75mm		Height - 100mm	
				No.of cables	Weight kg./m	No.of cables	Weight kg./m	No. of cables	Weight kg./m	No. of cables	Weight kg./m
Cable Tray Width - 50 mm	1.5	13.40	0.240	5	1.2	11	2.64	17	4.00	23	5.52
	2.5	14.40	0.300	4	1.2	8	2.40	15	4.50	21	6.30
	4.0	16.60	0.420	3	0.72	7	1.20	12	1.26	15	6.30
	6.0	17.80	0.525	2	1.05	6	3.10	10	5.25	14	7.30
	10.0	19.70	0.745	2	1.49	4	3.00	8	6.00	11	8.00
	16.0	23.10	1.050	2	2.1	3	3.15	5	5.25	7	7.40
	25.0	27.20	1.545	-	-	1	1.54	3	4.60	4	6.18
	35.0	25.10	1.690	-	-	1	1.70	2	3.40	3	5.00
	50.0	29.20	2.275	-	-	1	2.20	2	4.50	2	4.50
	70.0	32.90	3.140	-	-	1	3.10	1	3.10	1	3.10
	95.0	37.60	4.280	-	-	1	4.30	1	4.30	1	4.30
	120.0	39.90	5.250	-	-	1	5.30	1	5.30	1	5.30
	150.0	44.50	6.485	-	-	1	6.50	1	6.50	1	6.50
	185.0	50.30	8.095	-	-	-	-	1	8.00	1	8.00
	240.0	56.50	10.52	-	-	-	-	1	10.50	1	10.50
	300.0	62.60	13.11	-	-	-	-	1	13.10	1	13.10
Cable Tray Width - 100mm	1.5	13.40	0.240	12	2.88	25	6.00	38	9.10	50	12.00
	2.5	14.40	0.300	9	2.70	18	5.40	31	9.30	44	13.20
	4.0	16.60	0.420	6	2.52	15	5.30	25	10.50	32	13.40
	6.0	17.80	0.525	6	3.15	13	6.80	20	10.50	29	15.20
	10.0	19.70	0.745	5	3.72	8	6.00	17	12.60	24	17.80
	16.0	23.10	1.050	4	4.20	7	7.30	10	10.50	16	16.80
	25.0	27.20	1.545	-	-	4	6.18	7	10.78	10	15.40
	35.0	25.10	1.690	-	-	3	5.07	5	8.45	6	10.40
	50.0	29.20	2.275	-	-	2	4.55	4	9.10	4	9.00
	70.0	32.90	3.140	-	-	2	6.28	3	9.42	3	9.40
	95.0	37.60	4.280	-	-	2	8.56	2	8.56	3	12.80
	120.0	39.90	5.250	-	-	2	10.56	1	5.25	2	10.50
	150.0	44.50	6.485	-	-	2	12.90	1	6.48	1	6.48
	185.0	50.30	8.095	-	-	-	-	1	8.95	1	8.90
	240.0	56.50	10.52	-	-	-	-	1	10.50	1	10.50
	300.0	62.60	13.110	-	-	-	-	1	13.10	1	13.10
Cable Tray Width - 150mm	1.5	13.40	0.240	18	4.30	38	9.10	60	14.40	80	19.20
	2.5	14.40	0.300	14	4.2	26	7.80	46	13.80	65	19.50
	4.0	16.60	0.420	9	3.8	25	10.59	35	14.70	50	21.00
	6.0	17.80	0.525	8	4.2	23	12.00	30	15.80	45	23.60
	10.0	19.70	0.745	7	5.2	12	9.00	24	17.80	38	28.30
	16.0	23.10	1.050	6	6.3	10	10.50	15	15.80	27	28.40
	25.0	27.20	1.545	-	-	6	8.80	13	20.00	18	27.80
	35.0	25.10	1.690	-	-	5	8.50	8	13.60	12	20.30
	50.0	29.20	2.275	-	-	4	9.10	6	13.70	9	20.50
	70.0	32.90	3.140	-	-	3	9.50	6	18.90	6	18.90
	95.0	37.60	4.280	-	-	3	12.90	3	12.90	6	25.70
	120.0	39.90	5.250	-	-	2	10.50	3	15.80	4	21.00
	150.0	44.50	6.485	-	-	-	-	3	19.50	3	19.50
	185.0	50.30	8.095	-	-	-	-	3	24.30	3	24.30
	240.0	56.50	10.52	-	-	-	-	1	10.50	1	10.50
	300.0	62.60	13.11	-	-	-	-	1	13.10	1	13.10



CABLE CARRYING CAPACITY

Cable Tray Width	Cable data			Cable tray capacity							
	Section sq.mm	Over all dia.(mm)	Weight kg./m	Height - 25mm		Height - 50mm		Height - 75mm		Height - 90mm	
				No.of cables	Weight kg./m	No.of cables	Weight kg./m	No. of cables	Weight kg./m	No. of cables	Weight kg./m
Cable Tray Width - 200mm	1.5	13.40	0.240	26	6.24	54	13.00	82	19.60	110	26.40
	2.5	14.40	0.300	21	7.30	36	10.80	65	19.50	90	27.00
	4.0	16.60	0.420	14	5.80	35	14.70	48	20.10	70	29.70
	6.0	17.80	0.525	13	6.80	32	16.80	43	22.50	65	34.10
	10.0	19.70	0.745	10	7.40	18	13.40	34	25.30	53	39.40
	16.0	23.10	1.050	8	8.40	15	15.70	22	23.10	38	40.00
	25.0	27.20	1.545	-	-	8	12.30	19	7.70	26	40.20
	35.0	25.10	1.690	-	-	7	11.80	11	18.60	16	27.00
	50.0	29.20	2.275	-	-	6	13.60	9	20.40	13	29.50
	70.0	32.90	3.140	-	-	5	15.70	8	25.20	8	25.20
	95.0	37.60	4.280	-	-	4	17.20	5	21.40	8	34.30
	120.0	39.90	5.250	-	-	3	15.70	4	21.00	6	31.50
	150.0	44.50	6.485	-	-	3	19.40	4	26.00	5	32.50
	185.0	50.30	8.095	-	-	-	-	4	32.40	4	32.40
	240.0	56.50	10.52	-	-	-	-	2	21.00	2	21.00
	300.0	62.60	13.11	-	-	-	-	2	26.20	2	26.20
Cable Tray Width - 250mm	1.5	13.40	0.240	28	6.70	60	14.40	90	21.60	123	29.50
	2.5	14.40	0.300	25	7.50	45	13.50	80	24.00	103	40.00
	4.0	16.60	0.420	15	6.30	33	13.90	60	25.20	85	35.70
	6.0	17.80	0.525	11	5.70	30	15.80	55	28.90	70	36.80
	10.0	19.70	0.745	13	9.60	24	17.80	48	31.30	72	53.60
	16.0	23.10	1.050	9	9.50	19	20.00	30	31.50	40	42.00
	25.0	27.20	1.545	-	-	11	17.00	22	34.00	32	42.40
	35.0	25.10	1.690	-	-	11	18.60	20	33.80	25	42.30
	50.0	29.20	2.275	-	-	8	18.20	14	31.80	20	45.50
	70.0	32.90	3.140	-	-	7	22.00	12	37.70	14	44.00
	95.0	37.60	4.280	-	-	6	25.70	7	30.00	11	47.00
	120.0	39.90	5.250	-	-	5	11.20	6	31.50	9	47.30
	150.0	44.50	6.485	-	-	-	-	5	32.50	7	45.40
	185.0	50.30	8.095	-	-	-	-	4	32.40	5	40.50
	240.0	56.50	10.52	-	-	-	-	3	31.60	4	42.00
	300.0	62.60	13.100	-	-	-	-	1	26.20	2	26.20
Cable Tray Width - 300mm	1.5	13.40	0.240	38	9.10	80	19.20	123	29.50	162	38.80
	2.5	14.40	0.300	28	8.40	60	18.00	105	31.50	135	40.80
	4.0	16.60	0.420	17	7.20	47	19.80	76	31.90	103	43.50
	6.0	17.80	0.525	15	7.90	43	22.50	67	35.20	90	47.30
	10.0	19.70	0.745	13	9.60	26	19.40	53	39.50	73	54.40
	16.0	23.10	1.050	11	11.60	23	24.20	35	36.80	51	53.60
	25.0	27.20	1.545	-	-	13	20.00	26	40.20	38	58.70
	35.0	25.10	1.690	-	-	12	20.30	21	35.50	30	35.50
	50.0	29.20	2.275	-	-	11	25.00	20	45.50	26	45.50
	70.0	32.90	3.140	-	-	8	25.20	15	47.10	15	47.10
	95.0	37.60	4.280	-	-	7	30.00	8	34.30	14	34.30
	120.0	39.90	5.250	-	-	4	21.00	6	31.50	12	31.50
	150.0	44.50	6.485	-	-	3	19.50	5	32.50	8	32.50
	185.0	50.30	8.095	-	-	-	-	6	48.50	6	48.50
	240.0	56.50	10.52	-	-	-	-	4	42.00	4	42.00
	300.0	62.60	13.11	-	-	-	-	3	39.40	3	39.40



CABLE CARRYING CAPACITY

Cable Tray Width	Cable data			Cable tray capacity							
	Section sq.mm	Over all dia.(mm)	Weight kg./m	Height - 25mm		Height - 50mm		Height - 75mm		Height - 100mm	
				No.of cables	Weight kg./m	No.of cables	Weight kg./m	No. of cables	Weight kg./m	No. of cables	Weight kg./m
Cable Tray Width - 450mm	1.5	13.40	0.240	58	13.90	120	28.80	180	43.20	245	50.80
	2.5	14.40	0.300	48	14.40	90	27.00	155	46.50	210	63.00
	4.0	16.60	0.420	23	9.60	77	32.30	118	50.00	160	67.20
	6.0	17.80	0.525	21	11.00	66	34.60	102	53.60	136	71.40
	10.0	19.70	0.745	20	15.00	43	32.00	83	61.80	112	83.40
	16.0	23.10	1.050	16	16.80	35	36.80	54	56.70	80	84.00
	25.0	27.20	1.545	-	-	18	27.80	42	64.90	56	86.60
	35.0	25.10	1.690	-	-	16	27.00	32	54.00	44	74.40
	50.0	29.20	2.275	-	-	14	31.90	25	56.90	38	86.50
	70.0	32.90	3.140	-	-	12	37.70	22	69.00	25	78.50
	95.0	37.60	4.280	-	-	10	42.25	11	47.00	20	85.60
	120.0	39.90	5.250	-	-	9	47.25	10	52.50	18	94.50
	150.0	44.50	6.485	-	-	5	32.50	9	58.40	16	103.80
	185.0	50.30	8.095	-	-	-	-	8	64.80	12	97.20
	240.0	56.50	10.52	-	-	-	-	6	63.20	10	105.20
	300.0	62.60	13.11	-	-	-	-	5	65.50	5	65.20
Cable Tray Width - 500mm	1.5	13.40	0.240	67	16.00	135	32.50	206	49.500	275	66.00
	2.5	14.40	0.300	55	16.50	100	30.00	175	52.50	236	70.80
	4.0	16.60	0.420	27	11.40	88	37.70	134	56.30	180	75.60
	6.0	17.80	0.525	26	13.70	76	40.00	116	48.10	155	81.40
	10.0	19.70	0.745	25	18.70	51	38.00	95	70.70	127	94.60
	16.0	23.10	1.050	21	22.00	42	44.00	63	66.00	92	96.60
	25.0	27.20	1.545	-	-	22	34.00	48	74.00	65	100.00
	35.0	25.10	1.690	-	-	21	35.50	38	64.00	52	88.00
	50.0	29.20	2.275	-	-	18	41.00	30	68.30	44	100.00
	70.0	32.90	3.140	-	-	16	50.00	27	85.00	30	94.20
	95.0	37.60	4.280	-	-	13	55.70	14	60.00	24	103.00
	120.0	39.90	5.250	-	-	10	52.50	13	68.30	23	121.00
	150.0	44.50	6.485	-	-	7	45.30	12	77.80	20	130.00
	185.0	50.30	8.095	-	-	-	-	10	81.00	11	89.00
	240.0	56.50	10.52	-	-	-	-	8	84.02	8	84.20
	300.0	62.60	13.11	-	-	-	-	7	92.00	7	92.00
Cable Tray Width - 400mm	1.5	13.40	0.240	63	12.70	109	26.00	167	40.00	220	53.00
	2.5	14.40	0.300	41	12.30	80	24.00	142	42.60	185	55.50
	4.0	16.60	0.420	24	10.00	66	27.70	105	44.10	140	58.80
	6.0	17.80	0.525	22	11.55	60	31.50	92	48.30	122	64.00
	10.0	19.70	0.745	19	14.20	38	28.30	73	54.40	101	75.30
	16.0	23.10	1.050	16	16.80	32	33.60	50	52.50	71	74.60
	25.0	27.20	1.545	-	-	19	29.30	38	58.70	52	80.40
	35.0	25.10	1.690	-	-	16	27.00	30	50.70	42	71.00
	50.0	29.20	2.275	-	-	15	34.10	27	61.40	38	86.50
	70.0	32.90	3.140	-	-	12	37.60	20	62.80	22	69.00
	95.0	37.60	4.280	-	-	10	42.80	11	47.00	19	81.30
	120.0	39.90	5.250	-	-	6	31.50	9	47.20	16	84.00
	150.0	44.50	6.485	-	-	5	32.40	7	45.40	13	84.30
	185.0	50.30	8.095	-	-	-	-	8	64.70	8	64.70
	240.0	56.50	10.52	-	-	-	-	6	63.12	6	63.12
	300.0	62.60	13.11	-	-	-	-	5	65.50	5	65.50



CABLE CARRYING CAPACITY

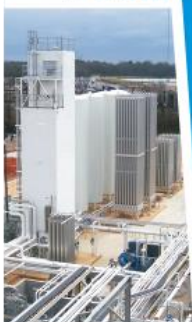
Cable Tray Width	Cable data			Cable tray capacity							
	Section sq.mm	Over all dia.(mm)	Weight kg./m	Height - 25mm		Height - 50mm		Height - 75mm		Height - 90mm	
				No.of cables	Weight kg./m	No.of cables	Weight kg./m	No. of cables	Weight kg./m	No. of cables	Weight kg./m
Cable Tray Width - 700mm	1.5	13.40	0.240	72	17.30	155	37.20	242	58.70	320	76.80
	2.5	14.40	0.300	52	15.60	115	34.50	206	61.80	266	79.80
	4.0	16.60	0.420	30	12.60	90	37.80	148	62.20	202	84.80
	6.0	17.80	0.525	26	13.60	82	43.00	130	68.30	176	92.40
	10.0	19.70	0.745	22	16.40	50	37.30	102	76.00	142	105.80
	16.0	23.10	1.050	18	19.00	42	44.10	66	69.30	100	105.00
	25.0	27.20	1.545	-	-	22	34.00	50	77.30	72	111.30
	35.0	25.10	1.690	-	-	18	33.80	40	67.60	56	94.70
	50.0	29.20	2.275	-	-	14	41.00	36	82.00	50	113.80
	70.0	32.90	3.140	-	-	12	44.00	28	88.00	30	94.20
	95.0	37.60	4.280	-	-	7	51.40	14	60.00	25	107.00
	120.0	39.90	5.250	-	-	55	36.70	10	25.50	22	115.50
	150.0	44.50	6.485	-	-	-	32.50	9	58.40	14	90.80
	185.0	50.30	8.095	-	-	-	-	10	81.00	10	81.00
	240.0	56.50	10.52	-	-	-	-	7	73.60	7	73.60
	300.0	62.60	13.11	-	-	-	-	5	65.50	5	65.50
Cable Tray Width - 700mm	1.5	13.40	0.240	85	20.40	182	43.70	286	68.70	375	90.00
	2.5	14.40	0.300	62	18.60	132	39.60	240	70.00	315	94.50
	4.0	16.60	0.420	36	15.20	106	44.50	175	73.50	235	98.70
	6.0	17.80	0.525	32	16.80	96	50.40	152	80.00	206	108.20
	10.0	19.70	0.745	26	19.40	60	44.70	115	85.60	170	126.60
	16.0	23.10	1.050	24	25.20	50	52.50	80	84.00	115	120.80
	25.0	27.20	1.545	-	-	26	40.20	60	92.70	82	126.70
	35.0	25.10	1.690	-	-	22	37.20	46	77.80	64	108.20
	50.0	29.20	2.275	-	-	20	45.50	40	91.00	60	136.50
	70.0	32.90	3.140	-	-	16	50.20	30	94.20	32	100.50
	95.0	37.60	4.280	-	-	12	51.40	16	68.50	27	115.60
	120.0	39.90	5.250	-	-	7	36.80	12	63.00	25	131.30
	150.0	44.50	6.485	-	-	5	32.50	11	71.30	18	116.70
	185.0	50.30	8.095	-	-	-	-	12	107.40	12	107.40
	240.0	56.50	10.52	-	-	-	-	9	94.70	9	94.70
	300.0	62.60	13.100	-	-	-	-	7	91.70	7	91.70
Cable Tray Width - 800mm	1.5	13.40	0.240	100	24.00	200	48.00	330	79.20	430	103.20
	2.5	14.40	0.300	80	24.00	150	45.00	280	84.00	365	109.50
	4.0	16.60	0.420	45	19.00	125	25.50	202	84.90	270	113.40
	6.0	17.80	0.525	40	21.00	115	60.40	180	94.50	235	123.40
	10.0	19.70	0.745	35	26.00	70	52.20	140	104.30	194	144.50
	16.0	23010	1.050	28	29.40	60	63.00	90	94.50	135	141.80
	25.0	27.20	1.545	-	-	35	54.00	70	108.20	95	146.80
	35.0	25.10	1.690	-	-	30	50.70	55	93.00	74	125.00
	50.0	29.20	2.275	-	-	26	59.20	50	113.80	66	150.00
	70.0	32.90	3.140	-	-	22	69.00	35	110.00	40	125.60
	95.0	37.60	4.280	-	-	18	77.00	20	85.60	35	150.00
	120.0	39.90	5.250	-	-	15	78.00	16	84.00	30	157.50
	150.0	44.50	6.485	-	-	9	58.40	14	90.80	24	155.60
	185.0	50.30	8.095	-	-	-	-	14	113.40	14	113.40
	240.0	56.50	10.52	-	-	-	-	11	115.80	11	115.80
	300.0	62.60	13.100	-	-	-	-	9	118.00	9	118.00



CABLE CARRYING CAPACITY

Cable Tray Width	Cable data			Cable tray capacity							
	Section sq.mm	Over all dia.(mm)	Weight kg./m	Height - 25mm		Height - 50mm		Height - 75mm		Height - 100mm	
				No.of cables	Weight kg./m	No.of cables	Weight kg./m	No. of cables	Weight kg./m	No. of cables	Weight kg./m
Cable Tray Width - 900mm	1.5	13.40	0.240	110	26.40	233	55.90	350	84.00	475	114.00
	2.5	14.40	0.300	90	27.00	170	51.00	300	90.00	410	123.00
	4.0	16.60	0.420	40	16.80	150	63.00	230	96.00	310	130.20
	6.0	17.80	0.525	38	20.00	130	68.00	195	102.30	260	136.50
	10.0	19.70	0.745	37	27.50	82	61.00	160	119.20	210	156.50
	16.0	23.10	1.050	32	33.60	70	73.50	103	108.20	150	157.50
	25.0	27.20	1.545	-	-	32	49.50	75	115.90	105	162.20
	35.0	25.10	1.690	-	-	30	50.70	64	108.20	85	143.70
	50.0	29.20	2.275	-	-	30	61.50	48	109.20	70	159.30
	70.0	32.90	3.140	-	-	22	69.00	40	125.60	48	150.70
	95.0	37.60	4.280	-	-	18	77.00	25	107.00	43	184.00
	120.0	39.90	5.250	-	-	16	84.00	23	120.80	41	215.30
	150.0	44.50	6.485	-	-	11-	71.30	21	136.20	36	233.50
	185.0	50.30	8.095	-	-	-	-	18	145.70	27	218.50
	240.0	56.50	10.52	-	-	-	-	14	147.30	14	147.30
	300.0	62.60	13.100	-	-	-	-	12	157.20	12	157.20
Cable Tray Width - 1000mm	1.5	13.40	0.240	130	31.20	226	63.80	400	96.00	510	122.40
	2.5	14.40	0.300	106	31.80	195	58.50	325	97.50	450	135.00
	4.0	16.60	0.420	50	21.00	174	73.00	260	109.20	340	142.80
	6.0	17.80	0.525	48	25.00	150	78.80	220	115.50	300	157.50
	10.0	19.70	0.745	46	34.30	100	74.50	175	130.40	245	182.50
	16.0	23.10	1.050	40	42.00	80	84.00	120	126.00	175	183.70
	25.0	27.20	1.545	-	-	40	61.80	84	129.80	120	185.40
	35.0	25.10	1.690	-	-	38	64.30	70	118.30	95	160.50
	50.0	29.20	2.275	-	-	35	79.60	55	125.20	80	182.00
	70.0	32.90	3.140	-	-	30	94.20	50	157.00	55	172.70
	95.0	37.60	4.280	-	-	25	107.00	25	107.00	44	188.30
	120.0	39.90	5.250	-	-	21	110.30	22	115.50	38	199.50
	150.0	44.50	6.485	-	-	12	77.90	20	129.70	33	214.00
	185.0	50.30	8.095	-	-	-	-	18	145.70	24	194.30
	240.0	56.50	10.52	-	-	-	-	14	147.30	14	147.30
	300.0	62.60	13.100	-	-	-	-	12	157.20	12	157.20

Orion Cable Ladders

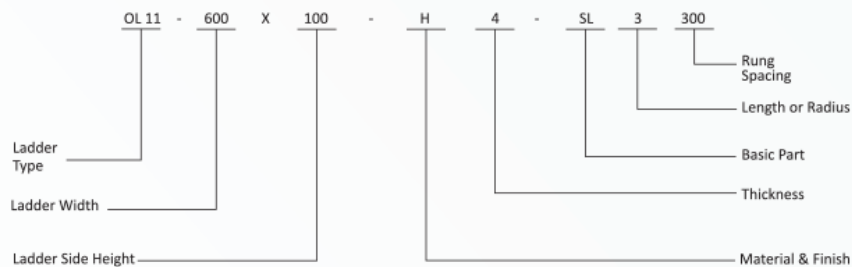




Orion Ladder Type Cable Tray - Ordering Chart

Ladder type	Basic part	WIDTH, (MIM)	MATERIAL & FINISH	THICKNESS	SIDE HEIGHT (MIM)	LENGTH RADIUS	RUNG SPACING (MM)
OL 11	SL: Straight length	100	M: Mill	1-1.0mm	60	LENGTH:	150
OL 12	EN: Elbow 90° EF: Elbow 45°	150	galvanized		80	2-2440 mm	200
OL 13	ON: Outside riser 90° OF: Outside riser 45°	200	mild steel	2-1.2mm	90	3-3000 mm	250
OL 14	IN: Inside riser 90°	250			100	Radius:	300
OL 15	IF: Inside riser 45°	300	H: Hot dip	3-1.5mm	120	3-300 mm	450
OL 16	HT: Horizontal Tee	400	galvanized		150	6-600 mm	
OL 17	RT: Reducing Tee	450	mild steel	4-2.0mm	180	9-900 mm	
OL 18	DT: Dividing Tee	500			200		
OL 19	VT: Vertical Tee						
OL 18	HC: Horizontal cross	500					
OL 19	RC: Reducing cross	600	A: Aluminium				
OL 19	YL: Y- branch left						
OL 20	YR: Y-branch right	700					
	RR: Reducer right hand	800	P: PVC Coated				
	RL: Reducer Left hand	900					
	RS: Reducer straight	1000	C: Cor-Ten Steel				
	OS: Outside riser supported		S: SS304				
			T: SS316				

Part Numbering



Example

OL11-600x100-H4-SL3-300

Orion ladder, welded u-rungs, C - type side rails with 20mm inside flange, 600mm width, 100mm side height, hot dip galvanized mild steel, 2.0mm thickness, straight length, 3000mm long, 300mm rung spacing.



Orion Cable Ladders

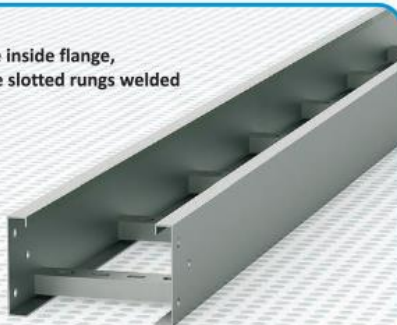
OL 11
C-Type 20mm inside flange,
U-Type slotted rungs welded



OL 12
C-Type 20mm outside flange,
U-Type slotted rungs welded



OL 13
R-Type inside flange,
U-Type slotted rungs welded



OL 14
R-Type outside flange,
U-Type slotted rungs welded



OL 15
C-Type inside flange,
41 x 21 slotted strut channel
rungs welded



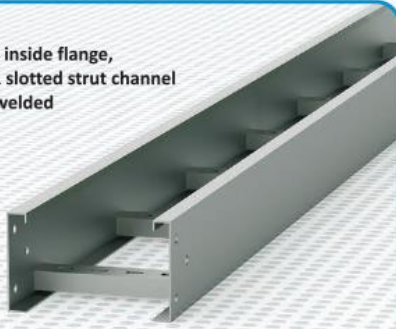
OL 16
C-Type outside flange,
41 x 21 slotted strut channel
rungs welded



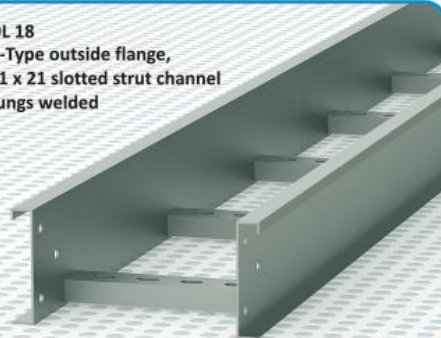


Orion Cable Ladders

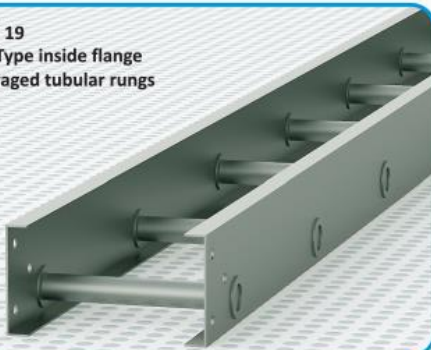
OL 17
R-Type inside flange,
41 x 21 slotted strut channel
rungs welded



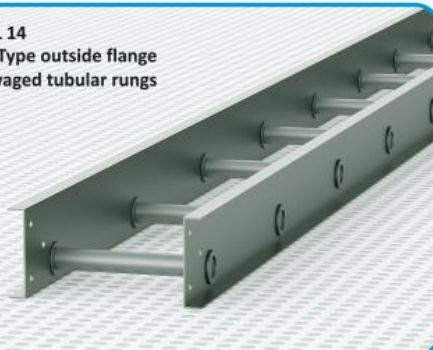
OL 18
R-Type outside flange,
41 x 21 slotted strut channel
rungs welded



OL 19
C-Type inside flange
swaged tubular rungs



OL 14
C-Type outside flange
swaged tubular rungs





Orion Cable Ladder Fittings

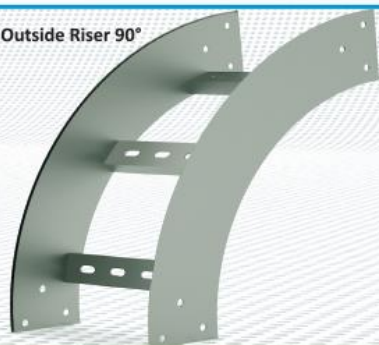
EN - Elbow 90°



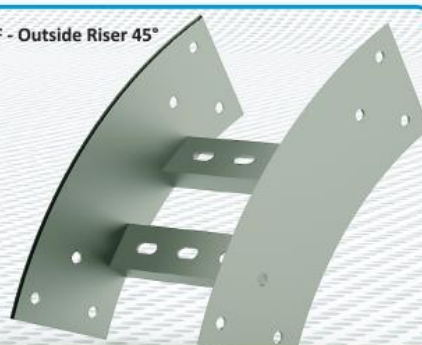
EF - Elbow 45°



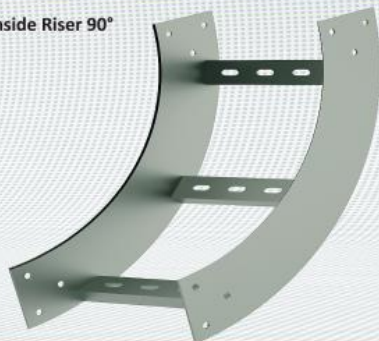
ON - Outside Riser 90°



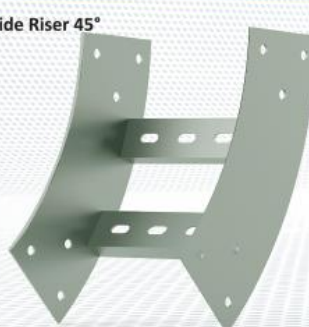
OF - Outside Riser 45°



IN - Inside Riser 90°



IF - Inside Riser 45°



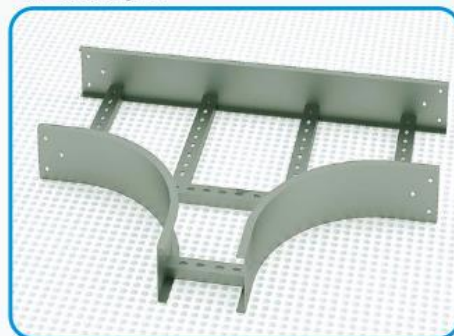


Orion Cable Ladders Fittings

HT - Horizontal Tee



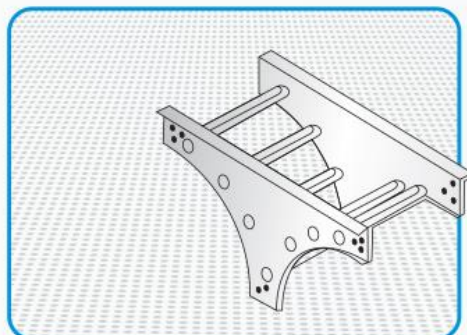
RT - Reducing Tee



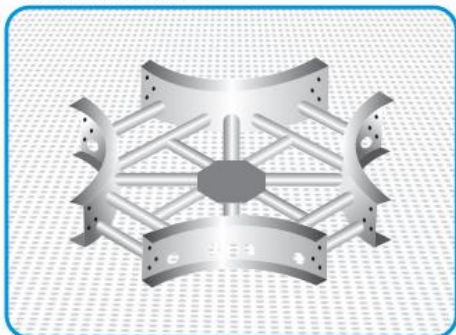
DT - Diving Tee



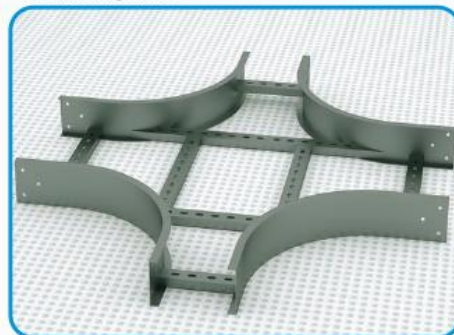
VT - Vertical Tee



HC - Horizontal Cross



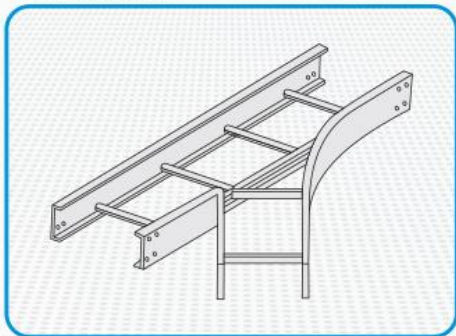
RC Reducing Cross



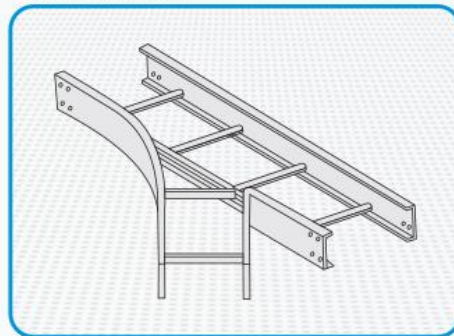


Orion Cable Ladder Fittings

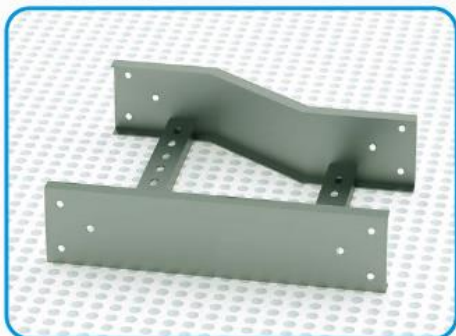
YL - Y - Branch Left



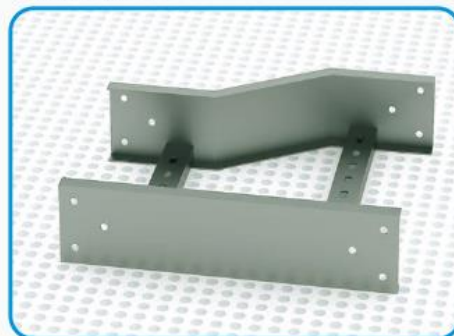
YR - Y - Branch Right



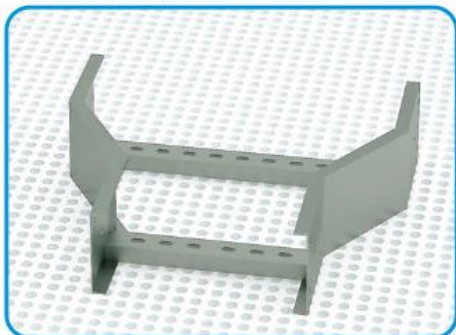
RR - Reducer Right



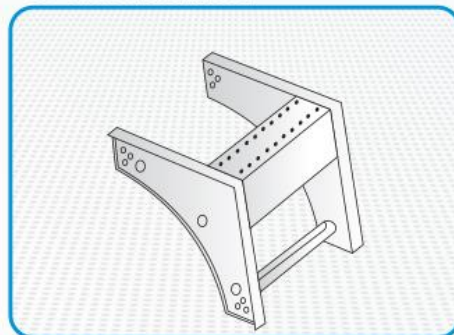
RL - Reducer Left



RS - Reducer Straight

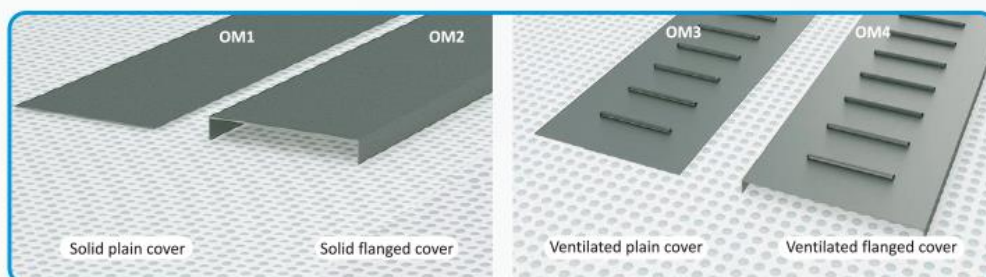


OS - Outside Riser Supported



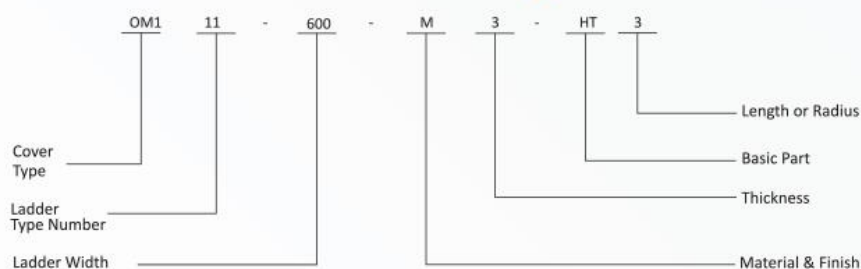


Orion ladder cover - ordering chart



Cover Type	Ladder Type Number	Width	Material & Finish	Thickness	Length & Radius
OM 1	11 OL 11	Width of Cable Ladder	M: Mill galvanized mil steel H: Hot dip galvanized mild steel	1 - 1.0 mm	Length:
OM 2	12 OL 12			2 - 1.2 mm	2 - 2440 mm
OM 3	14 OL 14			3 - 1.5 mm	3 - 3000 mm
OM 4	15 OL 15			4 - 2.0 mm	Radius:
	16 OL 16		A: Aluminium		3 - 300 mm
	17 OL 17		P: PVC coated		6 - 600 mm
	18 OL 18		C - Cor-Ten Steel		9 - 900 mm
	19 OL 19		S: SS 304		
	20 OL 20		T: SS 316		

Part Numbering



Example

OM111-600-M3-HT3

Orion solid plain cover for welded ladder, C-type side rail inside flange, 600mm width, mill galvanized mild steel, 1.5mm thickness, horizontal tee, 300mm radius

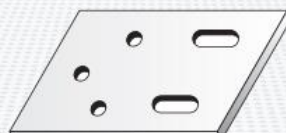


Orion Ladder Accessories

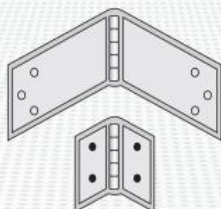
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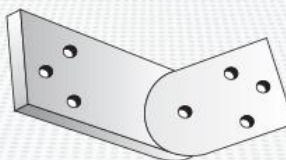
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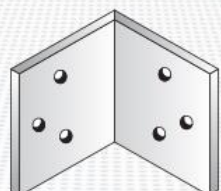
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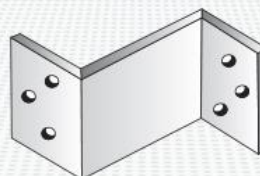
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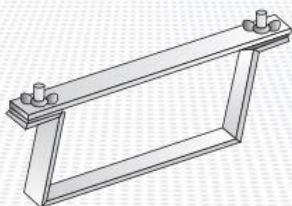
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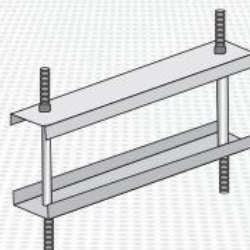
ON 06



ON 07



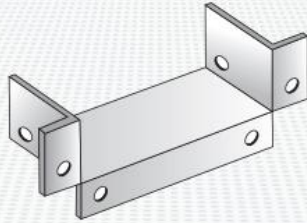
ON 08



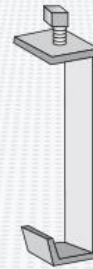


Orion Ladder Accessories

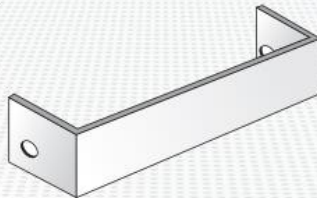
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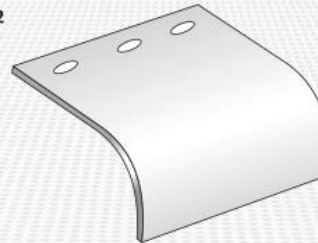
ON 10



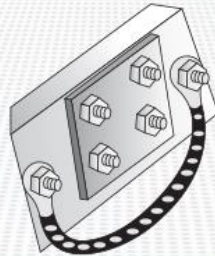
ON 11



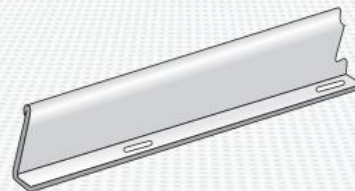
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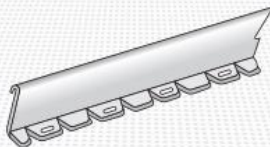
ON 13



ON 14



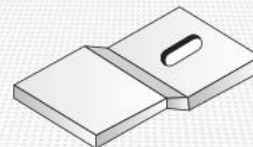
ON 15



ON 16



ON 17

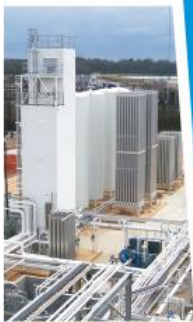


ORION LADDER ACCESSORIES - ORDERING CHART



Part Number	Accessory Name	Cable Ladder Width	Side Height	Material & Finish	Thickness	Length	Part Numbering Example
ON 01	Standard Connector	-	*	* M-Mill Galvanized Mild Steel	* 1-1.0mm	-	ON 01-100-H3
ON 02	Expansion Connector	-	*	* H-Hot dip Galvanized Mild Steel	* 2-1.2mm	-	ON 02-100-H3
ON 03	Adjustable Horizontal Connector	-	*	* E-Electrical Galvanized Mild Steel	* 3-1.5mm	-	ON 03-100-H3
ON 04	Adjustable Vertical Connector	-	*	* A-Aluminium	* 4-2.0mm	-	ON 04-100-H3
ON 05	Angle Connector	-	*	* P-PVC Coated	* 5-2.5mm	-	ON 05-100-H3
ON 06	Reducing Connector	*	*	* C-CorTen Steel	* 6-3.0mm	-	ON 06-600x300-H3
ON 07	Wrap around Connector	*	*	* S-SS 304	* 7-4.0mm	-	ON 07-600x300-H3
ON 08	Double clamp Connector	*	*	* S-SS 316	* 8-5.0mm	-	ON 08-600x300-H3
ON 09	Box Connector	*	*	*	* 9-6.0mm	-	ON 09-600x300-H3
ON 10	Side Cover Clamp	-	*	*	*	-	ON 10-120-H3
ON 11	Blind end	*	*	*	*	-	ON 11-600x120-H3
ON 12	Drop out	*	-	*	*	-	ON 12-600-M3
ON 13	Ground Bonding Jumper	-	-	-	-	-	ON 13
ON 14	Barrier Strip for straight Section	-	*	*	*	*	ON 14-100-H2-SL2
ON 15	Barrier Strip for Horizontal Fittings	-	*	*	*	*	ON 15-100-M3-HF
ON 16	Hold down Clamp	-	-	*	-	-	ON 16-H9
ON 17	Expansion Guide	-	-	*	-	-	ON 17-H9

* Applicable
- Not Applicable



Orion Trunking



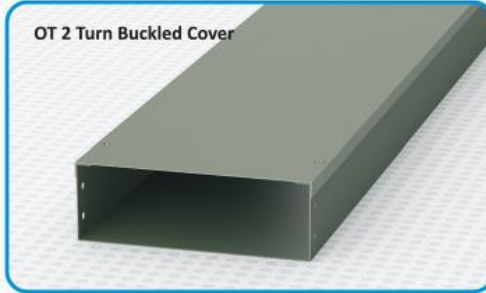


Orion Trunking

OT 1 Screwed Cover

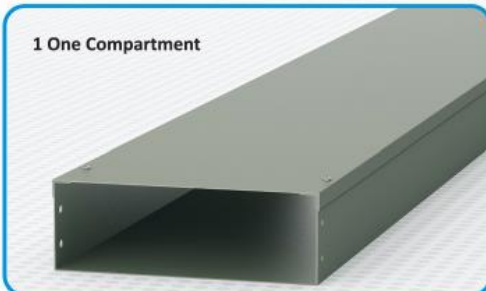


OT 2 Turn Buckled Cover

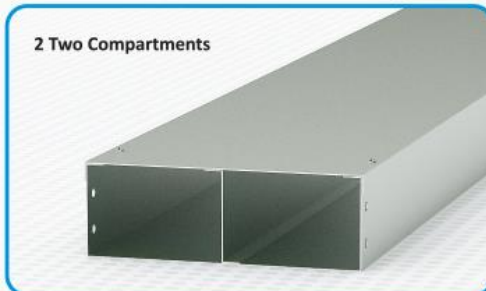


Compartments

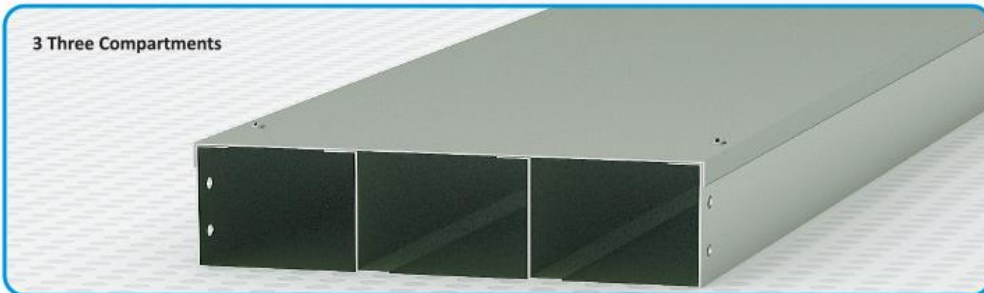
1 One Compartment



2 Two Compartments



3 Three Compartments

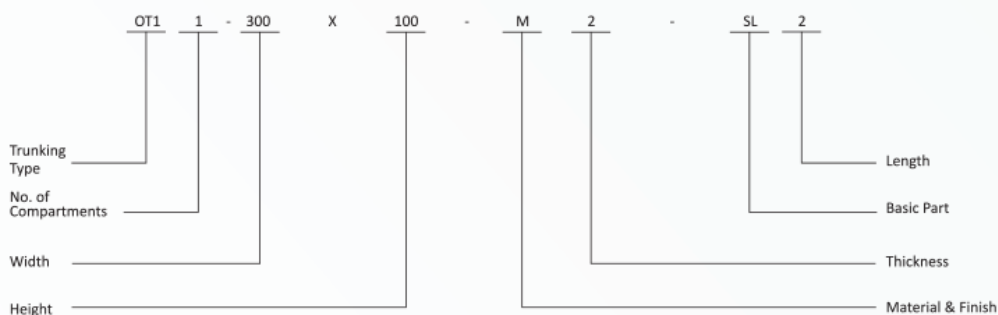




ORION TRUNKING - ORDERING CHART

TRUNKING TYPE	COMPARTMENTS	WIDTH, (MIM)	SIDE HEIGHT (MIM)	MATERIAL & FINISH	THICKNESS	LENGTH	BASIC PART
OT 1	1 - One Compartment	50	25	M: Mill	1-1.0mm	1-1200	SL: Straight length
OT 2	2 - Two Compartments	75	40	galvanized		2-2440 mm	EN: Elbow 90° EF: Elbow 45°
	3 - Three Compartments	100	50	mild steel	2-1.2mm	3-3000 mm	ON: Outside riser 90° (Cover on outside) OF: Outside riser 45° IN: Inside riser 90° (Cover on inside) IF: Inside riser 45° HT: Horizontal T IT: Inside Vertical T (Cover on inside) OT: Out side Vertical T (Cover on out side) HC: Horizontal Cross RS: Reducer OH: Offset Horizontal OV: Offset Vertical GUSSET TYPE: BN: Elbow 90° TN: Outside riser 90° (Cover on Out side) NN: Inside riser 90° (Cover on Inside) FT: Horizontal T TT: Out side vertical T (Cover on Out side) NT: Inside Vertical T (Cover on Inside)
		150	60				
		200	65	H: Hot dip	3-1.5mm		
		225	75	galvanized			
		250	100	mild steel	4-2.0mm		
		300	150				
		325	200	A: Aluminium	5-2.5mm		
		350	225				
		400	250	P: PVC Coated			
		450	300				
		500		C: Cor-Ten Steel			
		600		S: SS304 T: SS316			

Part Numbering



Example

OT11-300x100-M2-SL2

Orion screwed cover trunking, single compartment, 300mm width, 100mm side height, mill galvanized mild steel, 1.2mm thickness, straight length, 2440mm long.