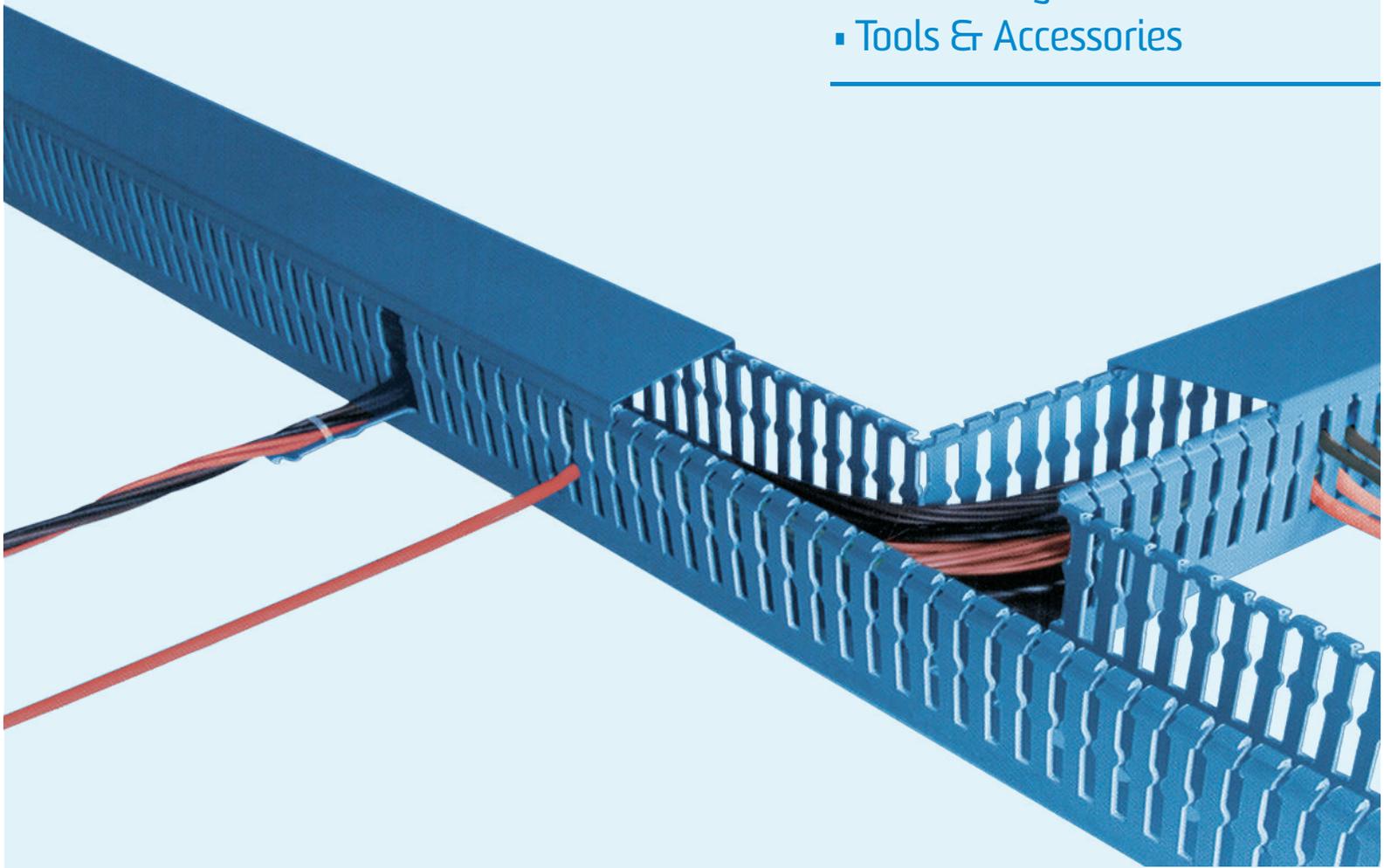


Wiring Ducts

WIRE MANAGEMENT SOLUTIONS

- PVC Wiring Ducts
- Tools & Accessories



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cUL[®]
us

CE

RoHS

UK
CA

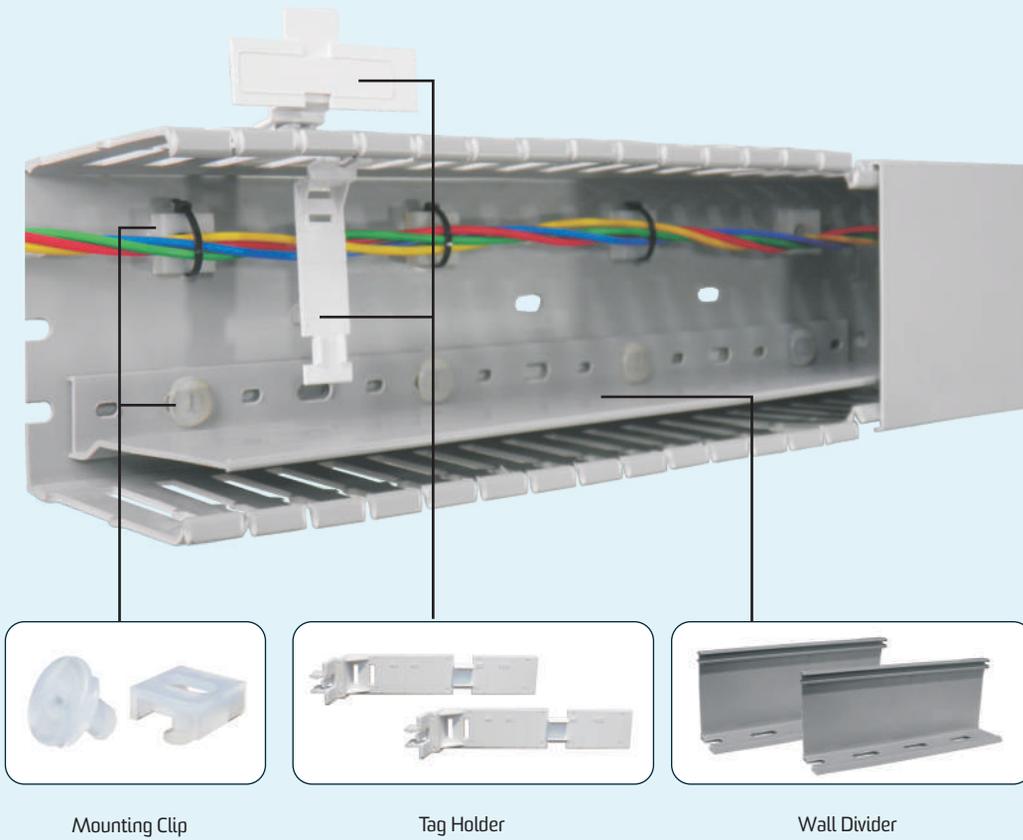
FRLS

SIMPLY SOLUTIONS

Wiring Ducts

Trinity Touch provides state-of-art Wiring Ducts

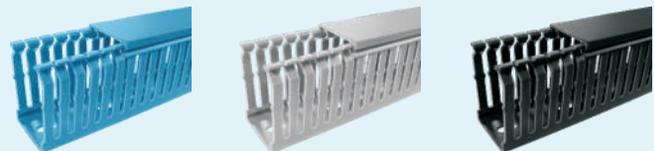
Trinity Touch Wiring Ducts are the premium products, available in wide range to accommodate wires and cables for the smallest wall mounted panel to larger integrated systems.



Available in All Colours

Stocked in 3 colours

-  Blue (RAL 5015)
-  Grey (RAL 7042)
-  Black (RAL 9005)

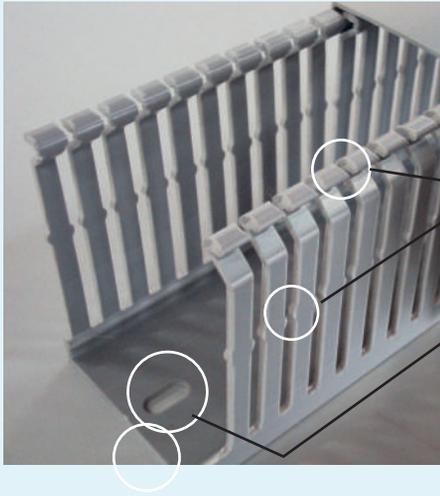


Formula for Calculating Fill Capacity

$$\text{Numbers of Wires} = \frac{\text{Duct W x H}}{1.75 \times (\text{Wire O.D.})^2} / 2$$

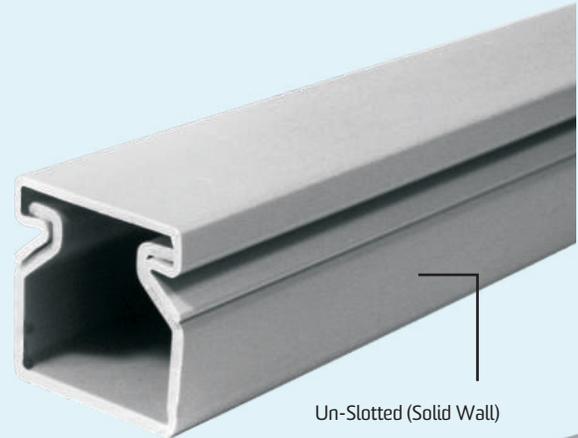


Duct Wire Calculator also available on website

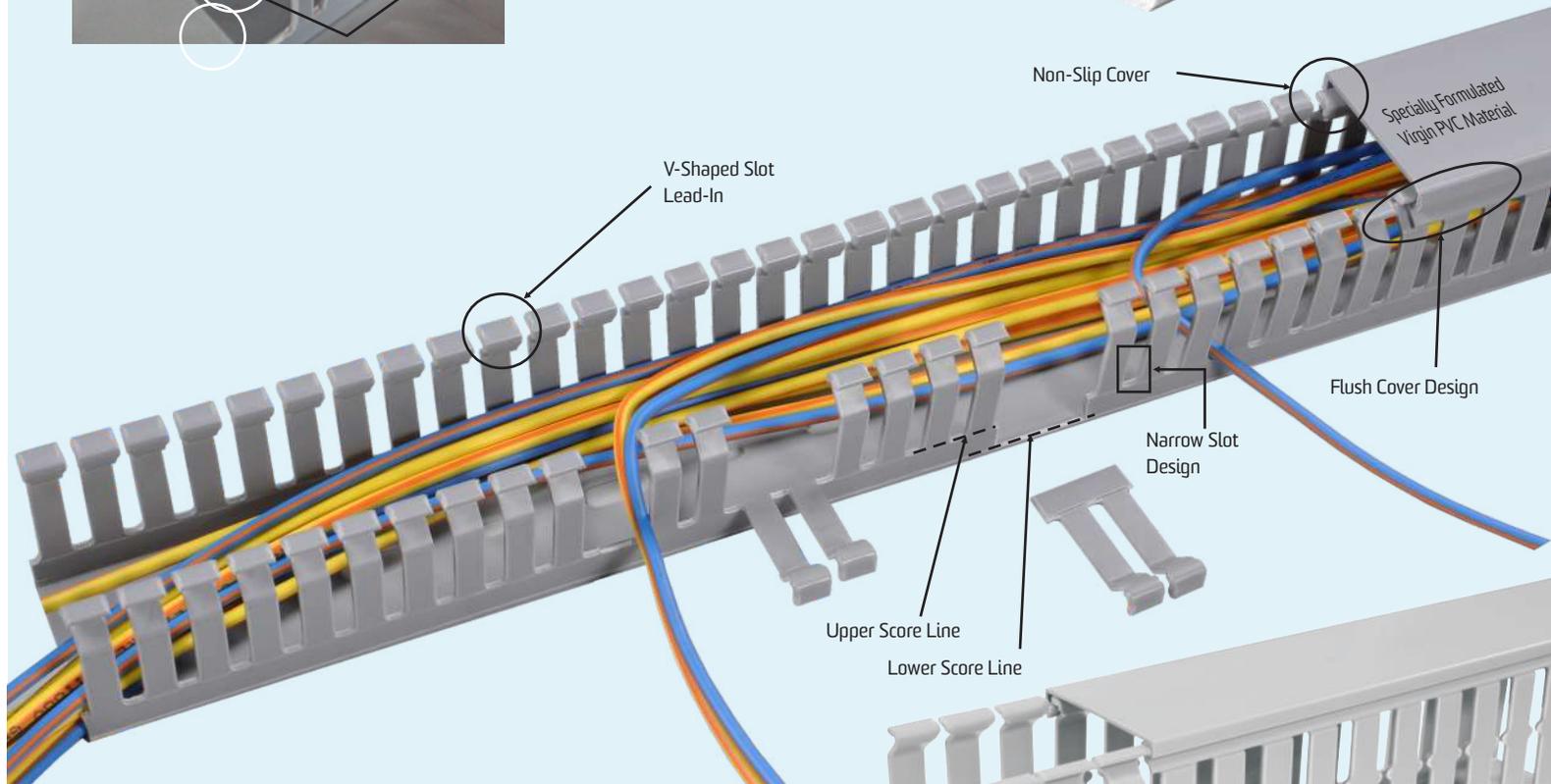


Double Restricted Slot

Mounting Hole Pattern According to DIN 43659



Un-Slotted (Solid Wall)



V-Shaped Slot Lead-In

Non-Slip Cover

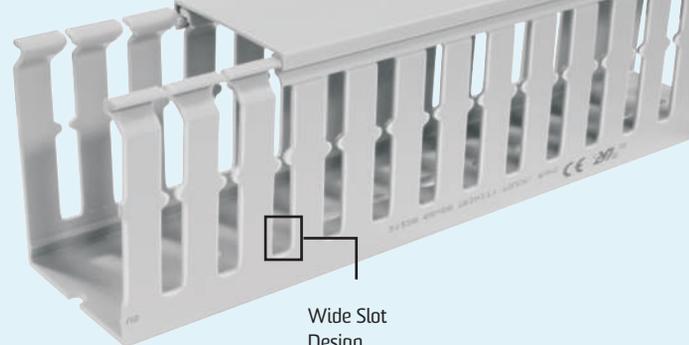
Specially Formulated Virgin PVC Material

Flush Cover Design

Narrow Slot Design

Upper Score Line

Lower Score Line



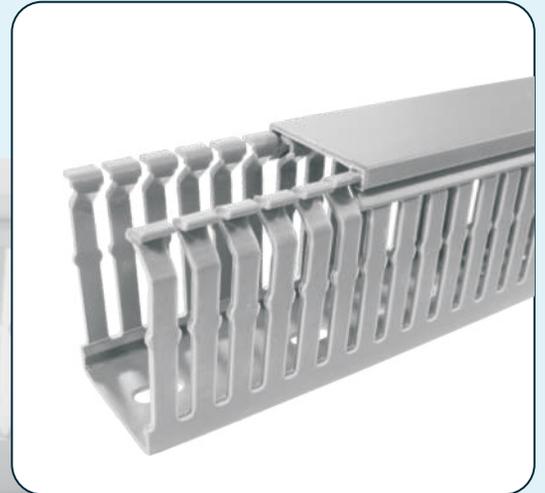
Wide Slot Design

Wiring Ducts - Narrow Slot

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FRLS


SN	Article No.	Type	Description	Double Restricted Slot *	Duct Size WxH(mm)	Duct Size WxH(inch)	Meter/ Box
1	01 17 16334	TWDN25x25LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	25 x 25	0.98 x 0.98	120
2	01 17 16335	TWDN25x30LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	25 x 30	0.98 x 1.18	96
3	01 17 16336	TWDN25x40LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	25 x 40	0.98 x 1.57	96
4	01 17 16337	TWDN25x45 LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	25 x 45	0.98 x 1.77	96
5	01 17 16338	TWDN25x60LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	25 x 60	0.98 x 2.36	72
6	01 17 16339	TWDN25x80LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	25 x 80	0.98 x 3.15	48
7	01 17 16340	TWDN25x100LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	25 x 100	0.98 x 3.94	48
8	01 17 16341	TWDN30x40LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	30 x 40	1.18 x 1.57	80
9	01 17 16342	TWDN30x80LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	30 x 80	1.18 x 3.15	40
10	01 17 16343	TWDN40x25LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	40 x 25	1.57 x 0.98	96
11	01 17 16344	TWDN40x40LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	40 x 40	1.57 x 1.57	64
12	01 17 16345	TWDN40x60LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	40 x 60	1.57 x 2.36	48
13	01 17 16346	TWDN40x80LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	40 x 80	1.57 x 3.15	32
14	01 17 16347	TWDN40x100LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	40 x 100	1.57 x 3.94	32
15	01 17 16348	TWDN45x45LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	45 x 45	1.77 x 1.77	64
16	01 17 16349	TWDN45x60LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	45 x 60	1.77 x 2.36	48
17	01 17 16350	TWDN45x80LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	45 x 80	1.77 x 3.15	32
18	01 17 16351	TWDN60x40LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	60 x 40	2.36 x 1.57	36
19	01 17 16352	TWDN60x45LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	60 x 45	2.36 x 1.77	36
20	01 17 16353	TWDN60x60LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	60 x 60	2.36 x 2.36	36
21	01 17 16354	TWDN60x80LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	60 x 80	2.36 x 3.15	24
22	01 17 16355	TWDN60x100LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	60 x 100	2.36 x 3.94	24
23	01 17 16356	TWDN80x40LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	80 x 40	3.15 x 1.57	24
24	01 17 16357	TWDN80x60LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	-	80 x 60	3.15 x 2.36	24
25	01 17 16358	TWDN80x80LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	80 x 80	3.15 x 3.15	16
26	01 17 16359	TWDN100x100LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	100 x 100	3.94 x 3.94	16
27	01 17 16360	TWDN80x100LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	80 x 100	3.15 x 3.94	16
28	01 17 16361	TWDN100x60LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	100 x 60	3.94 x 2.36	24
29	01 17 16362	TWDN100x80 LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	100 x 80	3.94 x 3.15	16
30	01 17 16363	TWDN120x80 LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	120 x 80	4.72 x 3.15	12
31	01 17 16364	TWDN150x100LG2-without SL	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	150 x 100	5.90 x 3.94	8

Typical Raw Material Properties of PVC Wiring Ducts

Property	Units	ASTM Test	Test Value
Specific Gravity	...	D792	1.43
IZOD Impact Strength	Kg.cm/cm	D256	7.5
Flexural Strength	Psi	D790	10900
Flexural Module	Psi	D790	382000
Tensile Strength	Psi	D638	5500
Compressive Strength	Psi	D695	8600
Water Absorption	24Hrs-%	D570	0.1
Hardness	Shore D	D785	78D
Dielectric Strength 50Hz, 25°C,s/t	Kv/mm	D149	36
Volume Resistivity	Ohm-cm	D257	6.1X10 ¹
Heat Deflecting °F @ 264 psi	°F	D648	60°C (140°F)
UL 94 - Flammability	VO RoHS

For guidance only

Subject to change in the interest of technical progress

Application Area



Cabinet Building



Telecom Industry



Wind Industry

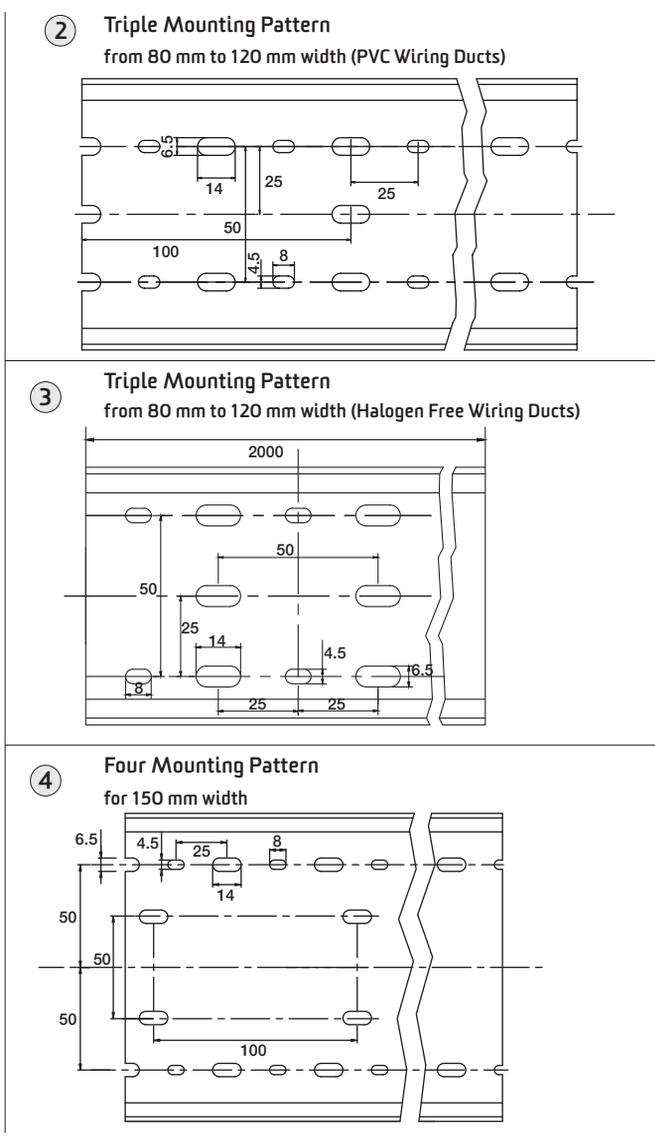
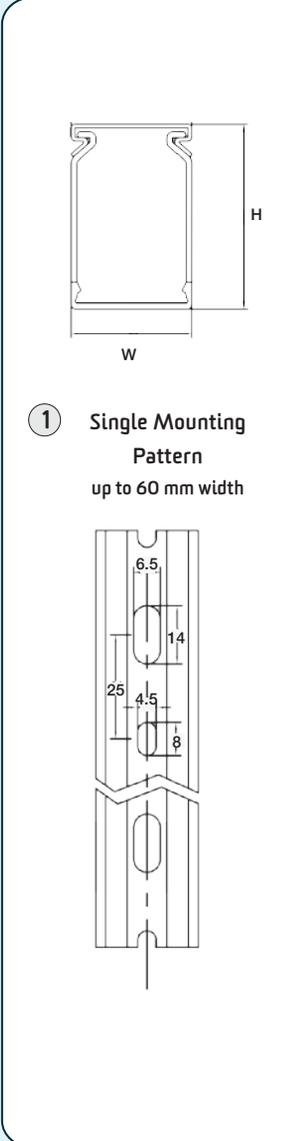
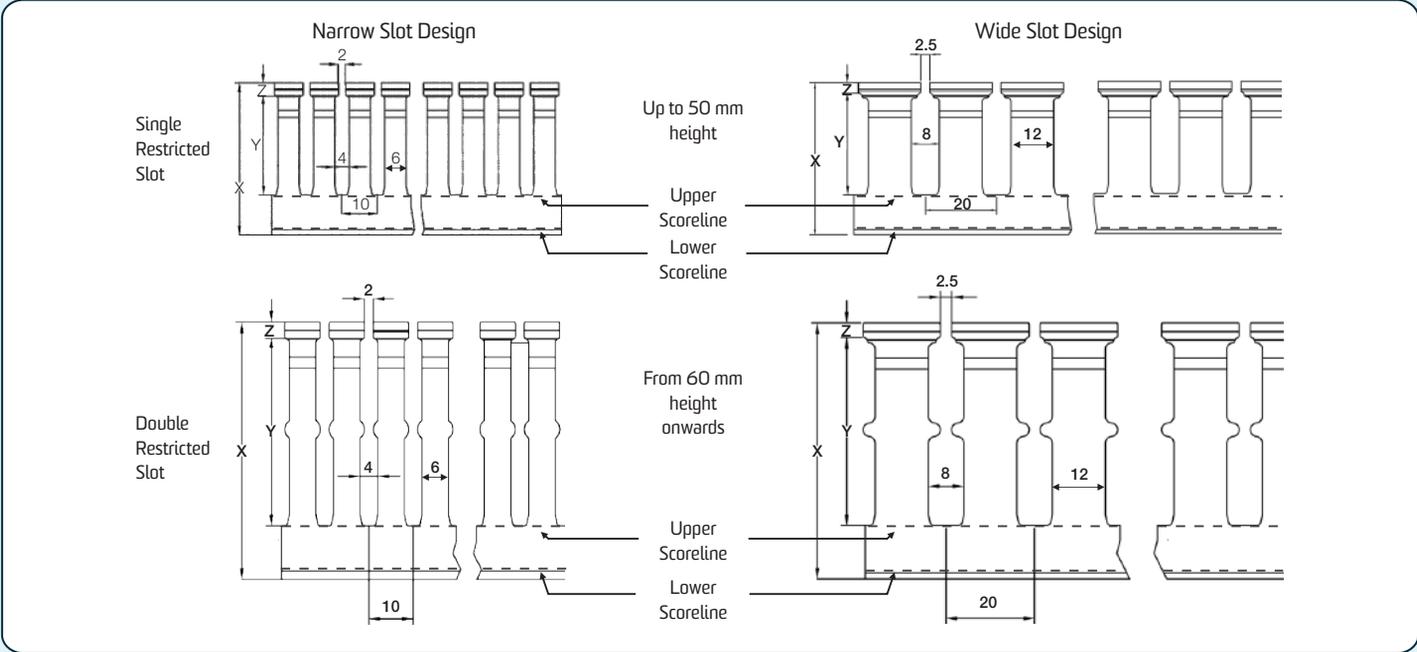


Power Industry



Process Industry

Technical Information



Nominal Duct Size (mm)		Dimensions (mm)				
W (Width)	H (Height)	T (Thickness)		X	Y	Z
		PVC	HF			
25	25	1.6	1.5	22.20	11.80	3.40
25	30	1.5	NA	27.30	16.80	3.50
25	40	1.6	1.6	37.20	23.30	3.40
25	45	1.6	NA	42.20	27.80	3.40
25	60	1.9	1.5	57.50	42.20	3.30
25	80	2.2	1.8	77.80	61.00	3.30
25	100	2.1	2.1	98.00	79.00	3.90
30	40	1.5	1.6	37.20	22.90	3.50
30	60	NA	1.6	57.50	45.40	3.30
30	80	2.2	1.7	77.80	61.00	3.30
30	100	NA	1.9	97.50	78.60	3.90
40	25	1.6	NA	22.20	11.40	3.40
40	30	NA	1.5	16.40	27.20	3.30
40	40	1.6	1.6	37.20	23.30	3.40
40	60	1.9	1.7	57.50	42.20	3.30
40	80	2.2	1.7	77.80	61.00	3.30
40	100	2.4	2	98.00	79.00	3.90
45	45	1.6	NA	42.20	27.80	3.40
45	60	1.9	NA	57.50	42.20	3.30
45	80	2.2	NA	77.40	61.00	3.30
60	40	1.6	1.5	37.20	23.30	3.40
60	45	1.6	NA	42.20	27.80	3.40
60	60	1.9	1.6	57.50	42.20	3.30
60	80	2.2	1.8	77.80	61.00	3.30
60	100	2.4	2	98.00	79.00	3.90
75	75	2.1	NA	72.60	57.10	3.40
80	25	NA	1.6	22.10	11.80	3.40
80	40	1.6	1.6	37.20	23.30	3.40
80	60	1.9	1.8	57.50	42.20	3.30
80	80	2.3	2	77.80	61.00	3.30
80	100	2.5	2.1	98.00	79.00	3.90
100	40	NA	1.7	37.20	23.30	3.40
100	60	1.9	1.9	57.50	42.20	3.20
100	80	2.4	2	77.80	61.00	3.30
100	100	2.5	1.9	98.00	79.00	3.90
120	60	NA	1.9	57.40	42.20	3.20
120	80	2.5	1.9	77.80	61.00	3.30
150	100	2.5	NA	98.00	79.00	3.90

*NA - Size not Available

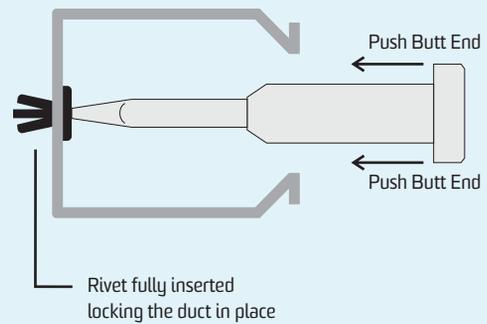
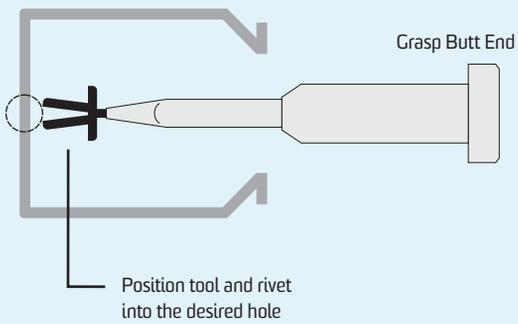
For sizes please correspond the alphabets in design with the alphabets in the above table.

Tools of Installation

Rivet Installation Tool



Article No.	Type	Description	Pcs./Box
01 17 00687	TRIT	Rivet Installation Tool	1

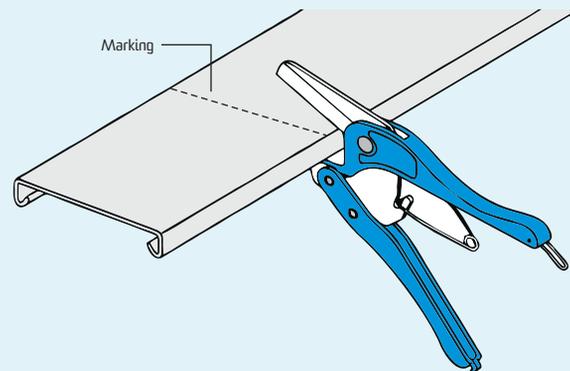
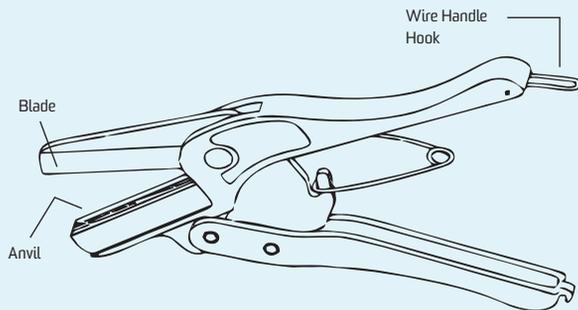


Wiring Ducts Cutting Tool



Article No.	Type	Description	Pcs./Box
01 17 00688	TWDC	Wiring Duct Cutting Tool	1

Used For Cutting Wiring Duct & Wiring Duct Cover



Replacement Instructions

Blade Replacement :

Unhook spring from hook on blade. using a screwdriver and hex wrench, remove nut and screw. Slide blade upward, out of tool, and replace with new blade. Fasten using existing screw and nut.

Anvil Replacement :

Carefully take out existing Anvil. Apply a small amount of adhesive to bottom of replacement Anvil. Place new Anvil into lower jaw of tool.

Wiring Duct's Accessories

Rivet



Article No.	Type	Description	Pcs./Box
01 17 00689	TNR	Rivet	100

Tag Holder



Article No.	Type	Description	Pcs./Box
01 17 05510	TTH-N	Tag Holder (Narrow)	50
01 17 05512	TTH-W	Tag Holder (Wide)	50

Mounting Clips



Article No.	Type	Description	Pcs./Box
01 17 05511	TMC-01	M Clip 01-Round	50
01 17 05513	TMC-02	M Clip 02 -Rectangular	50

Wall Divider



Article No.	Type	Description	Pcs./Box
01 17 05759	TWD40LG2	Wall Divider 40 mm, Light Grey, 2 meter	100
01 17 05758	TWD60LG2	Wall Divider 60 mm, Light Grey, 2 meter	80
01 17 05757	TWD80LG2	Wall Divider 80 mm, Light Grey, 2 meter	70
01 17 05756	TWD100LG2	Wall Divider 100 mm, Light Grey, 2 meter	50

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