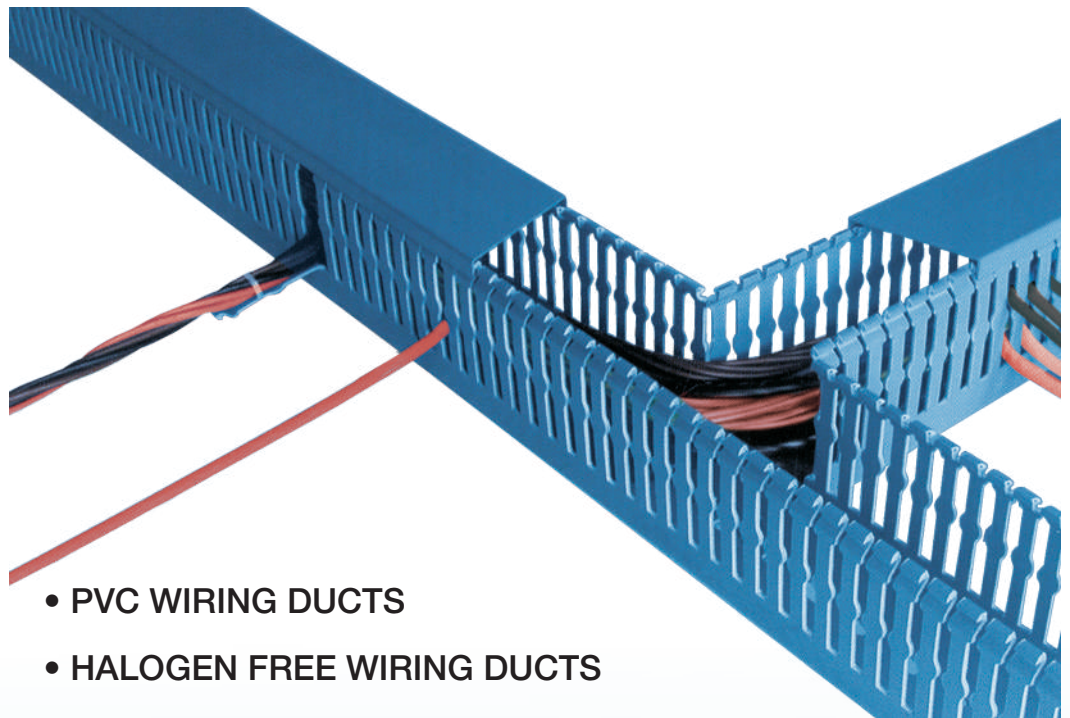
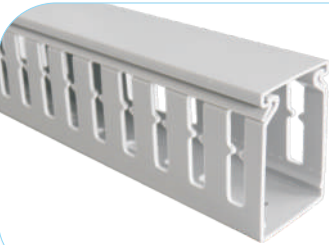


WIRING DUCTS

WIRE MANAGEMENT SOLUTIONS



- PVC WIRING DUCTS
- HALOGEN FREE WIRING DUCTS
- TOOLS & ACCESSORIES



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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.

Wiring Ducts -
Narrow Slot



Page No. 4

Wiring Ducts -
Wide Slot



Page No. 5

Wiring Ducts -
Un-Slotted (Solid Wall)



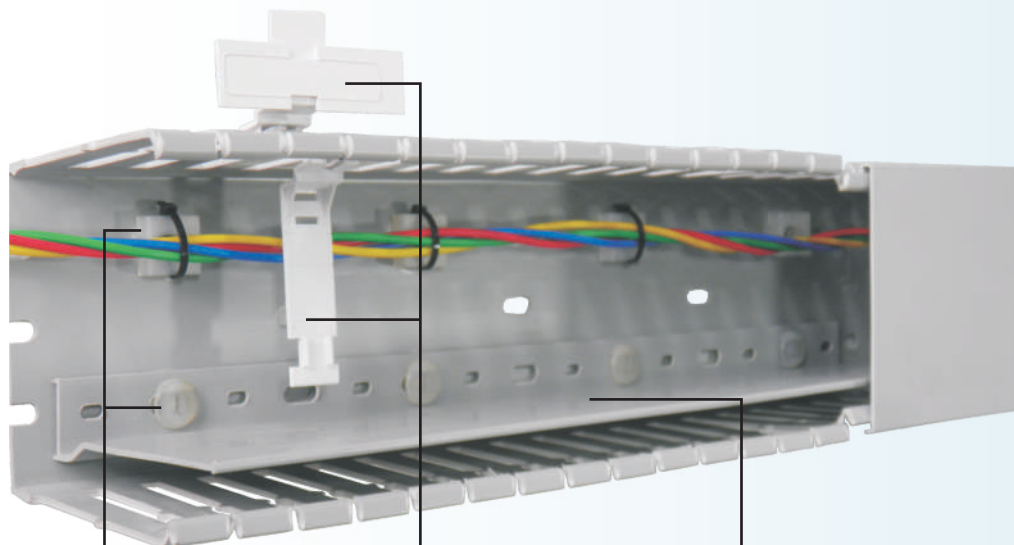
Page No. 6

Wiring Ducts -
Halogen Free



Page No. 8-12

Tools & Accessories



Page No. 14-15



Mounting Clip



Tag Holder

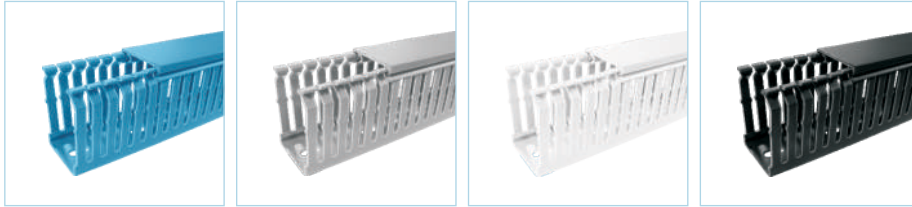


Wall Divider

Available in all colors

Stocked in 4 colors

- Blue
(RAL 5015)
- Grey
(RAL 7042)
- White
(RAL 9016)
- Black
(RAL 9005)

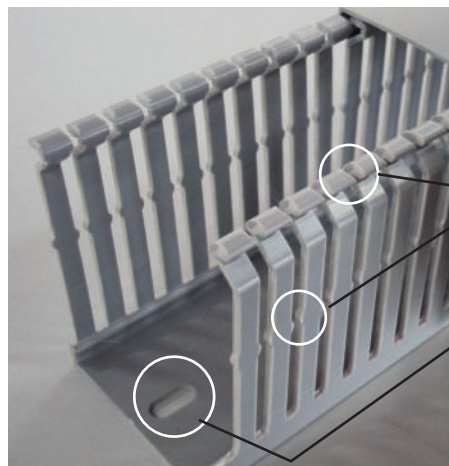


Formula for Calculating Fill Capacity

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

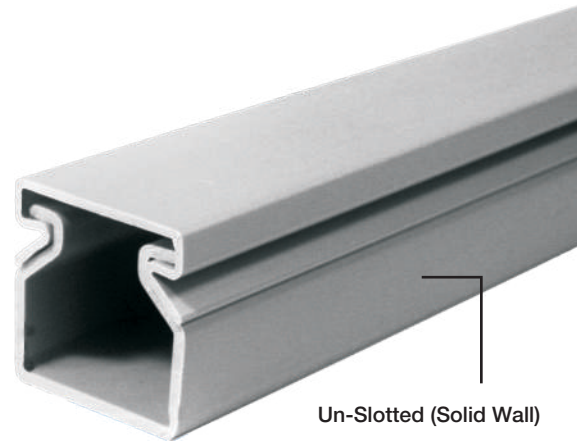


Duct Wire Calculator
also available on website

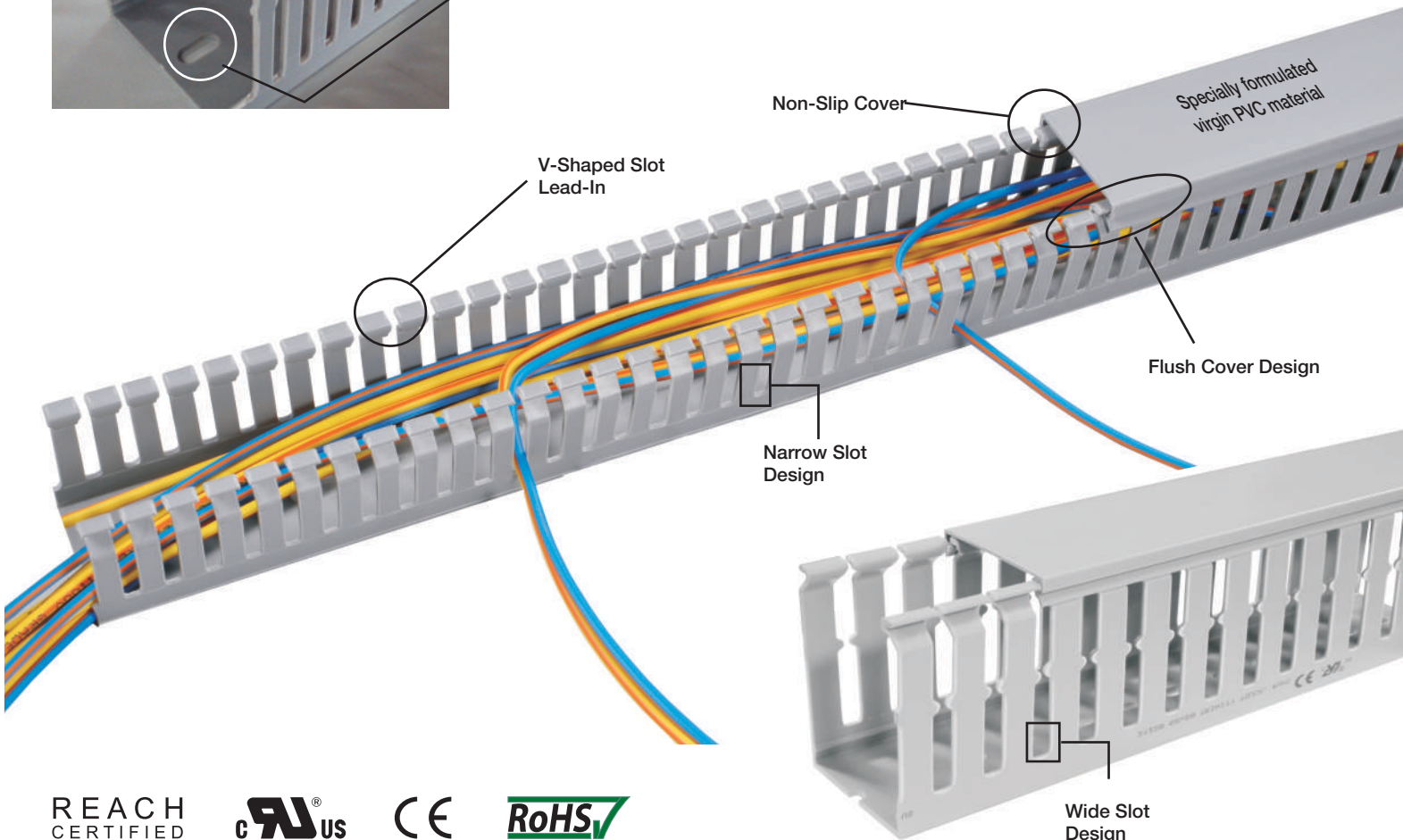


Double Restricted Slot

Mounting Hole Pattern
According to DIN 43659



Un-Slotted (Solid Wall)



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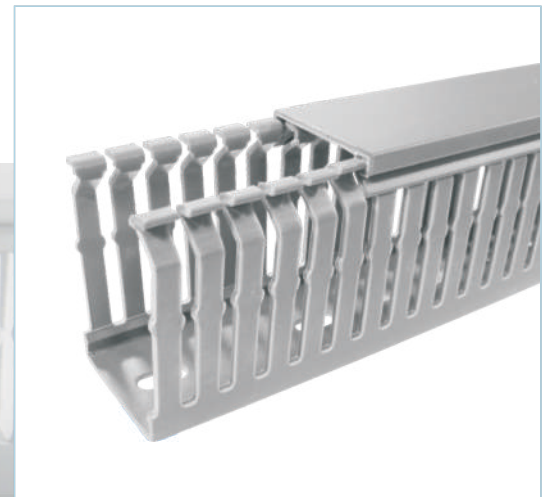
cUL[®] US

CE

RoHS^v

Wiring Ducts - Narrow Slot

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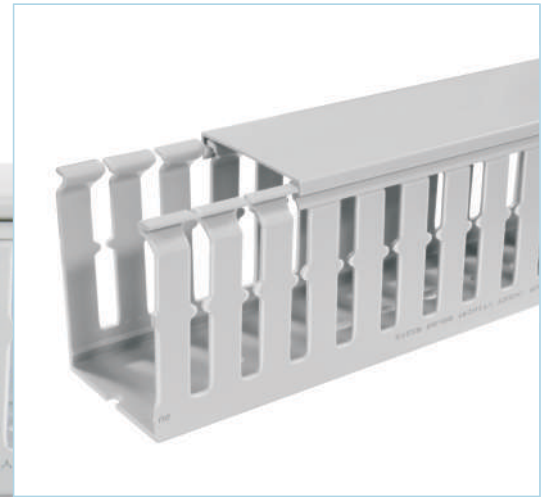
SN	Article No.	Type	Description	Double Restricted Slot *	Duct Size WxH (mm)	Duct Size WxH (inch)	Meter/Box
1	01 17 01250	TBWDN25X25LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	25 x 25	0.98 x 0.98	120
2	01 17 06962	TBWDN25X30LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	25 x 30	0.98 x 1.18	96
3	01 17 01066	TBWDN25X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	25 x 40	0.98 x 1.57	96
4	01 17 01586	TBWDN25X45LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	25 x 45	0.98 x 1.77	96
5	01 17 01251	TBWDN25X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	25 x 60	0.98 x 2.36	72
6	01 17 01588	TBWDN25X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	25 x 80	0.98 x 3.15	48
7	01 17 01584	TBWDN25X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	25 x 100	0.98 x 3.94	48
8	01 17 06961	TBWDN30X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	30 x 40	1.18 x 1.57	80
9	01 17 01252	TBWDN30X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	30 x 80	1.18 x 3.15	40
10	01 17 06410	TBWDN40X25LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	40 x 25	1.57 x 0.98	96
11	01 17 01068	TBWDN40X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	40 x 40	1.57 x 1.57	64
12	01 17 01070	TBWDN40X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	40 x 60	1.57 x 2.36	48
13	01 17 01072	TBWDN40X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	40 x 80	1.57 x 3.15	32
14	01 17 01253	TBWDN40X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	40 x 100	1.57 x 3.94	32
15	01 17 01590	TBWDN45X45LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	45 x 45	1.77 x 1.77	64
16	01 17 04064	TBWDN45X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	45 x 60	1.77 x 2.36	48
17	01 17 06414	TBWDN45X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	45 x 80	1.77 x 3.15	32
18	01 17 01592	TBWDN60X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	60 x 40	2.36 x 1.57	36
19	01 17 05265	TBWDN60X45LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	60 x 45	2.36 x 1.77	36
20	01 17 01074	TBWDN60X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	60 x 60	2.36 x 2.36	36
21	01 17 01076	TBWDN60X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	60 x 80	2.36 x 3.15	24
22	01 17 01254	TBWDN60X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	60 x 100	2.36 x 3.94	24
23	01 17 01596	TBWDN80X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	80 x 40	3.15 x 1.57	24
24	01 17 01598	TBWDN80X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	80 x 60	3.15 x 2.36	24
25	01 17 01255	TBWDN80X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	80 x 80	3.15 x 3.15	16
26	01 17 01594	TBWDN80X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	80 x 100	3.15 x 3.94	16
27	01 17 01582	TBWDN100X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	100 x 60	3.94 x 2.36	24
28	01 17 02670	TBWDN100X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	100 x 80	3.94 x 3.15	16
29	01 17 01256	TBWDN100X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	100 x 100	3.94 x 3.94	16
30	01 17 02672	TBWDN120X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	120 x 80	4.72 x 3.15	12
31	# 01 17 04986	TBWDN150X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	150 x 100	5.90 x 3.94	8

Wiring Ducts also available in 1 meter with different colors.

UL underprocess * See page no. 13

Wiring Ducts - Wide Slot

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SN	Article No.	Type	Description	Double Restricted Slot *	Duct Size WxH (mm)	Duct Size WxH (inch)	Meter/Box
1	01 17 02546	TBWDW25X25LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	-	25 x 25	0.98 x 0.98	120
2	01 17 06966	TBWDW25X30LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	-	25 x 30	0.98 x 1.18	96
3	01 17 02547	TBWDW25X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	-	25 x 40	0.98 x 1.57	96
4	01 17 02548	TBWDW25X45LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	-	25 x 45	0.98 x 1.77	96
5	01 17 02549	TBWDW25X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	25 x 60	0.98 x 2.36	72
6	01 17 02517	TBWDW25X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	25 x 80	0.98 x 3.15	48
7	01 17 02550	TBWDW25X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	25 x 100	0.98 x 3.94	48
8	01 17 06967	TBWDW30X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	-	30 x 40	1.18 x 1.57	80
9	01 17 02519	TBWDW30X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	30 x 80	1.18 x 3.15	40
10	01 17 06508	TBWDW40X25LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	-	40 x 25	1.57 x 0.98	96
11	01 17 02551	TBWDW40X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	-	40 x 40	1.57 x 1.57	64
12	01 17 02552	TBWDW40X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	40 x 60	1.57 x 2.36	48
13	01 17 02521	TBWDW40X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	40 x 80	1.57 x 3.15	32
14	01 17 02553	TBWDW40X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	40 x 100	1.57 x 3.94	32
15	01 17 02554	TBWDW45X45LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	-	45 x 45	1.77 x 1.77	64
16	01 17 04068	TBWDW45X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	45 x 60	1.77 x 2.36	48
17	01 17 06506	TBWDW45X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	45 x 80	1.77 x 3.15	32
18	01 17 02555	TBWDW60X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	-	60 x 40	2.36 x 1.57	36
19	01 17 05262	TBWDW60X45LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	-	60 x 45	2.36 x 1.77	36
20	01 17 02556	TBWDW60X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	60 x 60	2.36 x 2.36	36
21	01 17 02523	TBWDW60X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	60 x 80	2.36 x 3.15	24
22	01 17 02557	TBWDW60X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	60 x 100	2.36 x 3.94	24
23	01 17 02558	TBWDW80X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	-	80 x 40	3.15 x 1.57	24
24	01 17 02559	TBWDW80X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	80 x 60	3.15 x 2.36	24
25	01 17 02525	TBWDW80X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	80 x 80	3.15 x 3.15	16
26	01 17 04881	TBWDW80X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	80 x 100	3.15 x 3.94	16
27	01 17 05138	TBWDW100X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	100 x 60	3.94 x 2.36	24
28	01 17 02674	TBWDW100X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	100 x 80	3.94 x 3.15	16
29	01 17 02562	TBWDW100X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	100 x 100	3.94 x 3.94	16
30	01 17 02676	TBWDW120X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	120 x 80	4.72 x 3.15	12
31	# 01 17 05304	TBWDW150X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	150 x 100	5.90 x 3.94	8

Wiring Ducts also available in 1 meter with different colors.

* See page no. 13 # UL underprocess

Wiring Ducts - Un-Slotted (Solid Wall)

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SN	Article No.	Type	Description	Duct Size WxH (mm)	Duct Size WxH (inch)	Meter/Box
1	01 17 01236	TBWDS25X25LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 25	0.98 x 0.98	120
2	01 17 06968	TBWDS25X30LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 30	0.98 x 1.18	96
3	01 17 01084	TBWDS25X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 40	0.98 x 1.57	96
4	01 17 01604	TBWDS25X45LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 45	0.98 x 1.77	96
5	01 17 01237	TBWDS25X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 60	0.98 x 2.36	72
6	01 17 01606	TBWDS25X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 80	0.98 x 3.15	48
7	01 17 01602	TBWDS25X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 100	0.98 x 3.94	48
8	01 17 06969	TBWDS30X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	30 x 40	1.18 x 1.57	80
9	01 17 01238	TBWDS30X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	30 x 80	1.18 x 3.15	40
10	01 17 06509	TBWDS40X25LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 25	1.57 x 0.98	96
11	01 17 01085	TBWDS40X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 40	1.57 x 1.57	64
12	01 17 01083	TBWDS40X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 60	1.57 x 2.36	48
13	01 17 01086	TBWDS40X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 80	1.57 x 3.15	32
14	01 17 01239	TBWDS40X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 100	1.57 x 3.94	32
15	01 17 01608	TBWDS45X45LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	45 x 45	1.77 x 1.77	64
16	01 17 04066	TBWDS45X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	45 x 60	1.77 x 2.36	48
17	01 17 06507	TBWDS45X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	45 x 80	1.77 x 3.15	32
18	01 17 01610	TBWDS60X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 40	2.36 x 1.57	36
19	01 17 05264	TBWDS60X45LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 45	2.36 x 1.77	36
20	01 17 01088	TBWDS60X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 60	2.36 x 2.36	36
21	01 17 01087	TBWDS60X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 80	2.36 x 3.15	24
22	01 17 01240	TBWDS60X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 100	2.36 x 3.94	24
23	01 17 01614	TBWDS80X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	80 x 40	3.15 x 1.57	24
24	01 17 01616	TBWDS80X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	80 x 60	3.15 x 2.36	24
25	01 17 01241	TBWDS80X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	80 x 80	3.15 x 3.15	16
26	01 17 01612	TBWDS80X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	80 x 100	3.15 x 3.94	16
27	01 17 01600	TBWDS100X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	100 x 60	3.94 x 2.36	24
28	01 17 02736	TBWDS100X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	100 x 80	3.94 x 3.15	16
29	01 17 01242	TBWDS100X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	100 x 100	3.94 x 3.94	16
30	01 17 02737	TBWDS120X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	120 x 80	4.72 x 3.15	12
31	# 01 17 05305	TBWDS150X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	150 x 100	5.90 x 3.94	8

Wiring Ducts also available in 1 meter with different colors.

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	Up to 158 (70°C)
UL 94 - Flammability	V0 RoHS

For guidance only

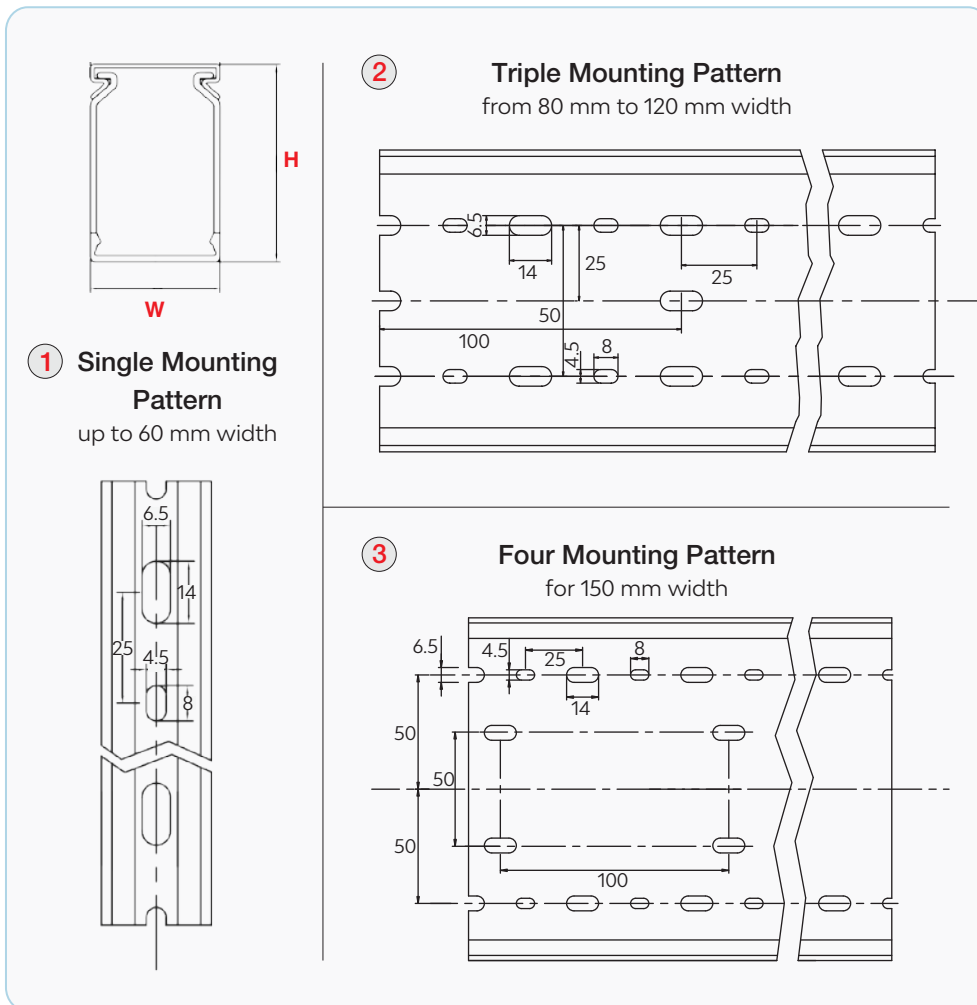
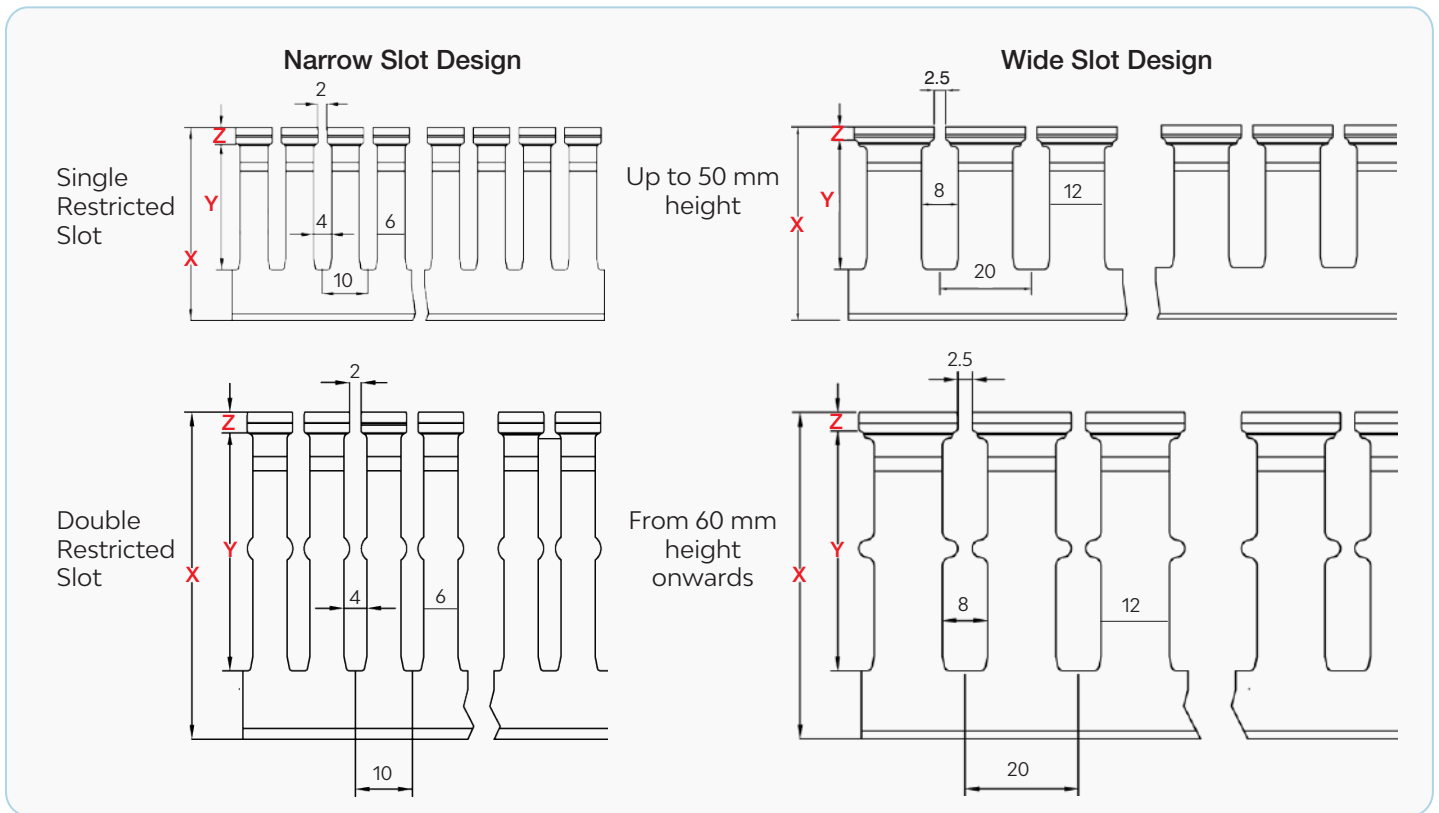
Subject to change in the interest of technical progress

Notes

New in this brochure :

- New sizes 25x30, 30x40, 40x25 & 45x80 (WxH) in PVC wiring ducts.

Technical Information



Nominal Duct Size (mm)	Dimensions (mm)					
	W (Width)	H (Height)	T (Thickness)	X	Y	Z
25	25	1.6	22.20	11.80	3.40	
25	30	1.5	27.30	16.80	3.50	
25	40	1.6	37.20	23.30	3.40	
25	45	1.6	42.20	27.80	3.40	
25	60	1.9	57.50	42.20	3.30	
25	80	2.2	77.80	61.00	3.30	
25	100	2.1	98.00	79.00	3.90	
30	40	1.5	37.20	22.90	3.50	
30	60	1.6	57.50	45.40	3.30	
30	80	2.2	77.80	61.00	3.30	
30	100	1.9	97.50	78.60	3.90	
40	25	1.6	22.20	11.40	3.40	
40	30	1.6	16.40	27.20	3.30	
40	40	1.6	37.20	23.30	3.40	
40	60	1.9	57.50	42.20	3.30	
40	80	2.2	77.80	61.00	3.30	
40	100	2.4	98.00	79.00	3.90	
45	45	1.6	42.20	27.80	3.40	
45	60	1.9	57.50	42.20	3.30	
45	80	2.2	77.40	61.00	3.30	
60	40	1.6	37.20	23.30	3.40	
60	45	1.6	42.20	27.80	3.40	
60	60	1.9	57.50	42.20	3.30	
60	80	2.2	77.80	61.00	3.30	
60	100	2.4	98.00	79.00	3.90	
80	25	1.6	22.10	11.80	3.40	
80	40	1.6	37.20	23.30	3.40	
80	60	1.9	57.50	42.20	3.30	
80	80	2.3	77.80	61.00	3.30	
80	100	2.5	98.00	79.00	3.90	
100	40	1.9	37.20	23.30	3.40	
100	60	1.9	57.50	42.20	3.20	
100	80	2.4	77.80	61.00	3.30	
100	100	2.5	98.00	79.00	3.90	
120	60	2.15	57.40	42.20	3.20	
120	80	2.5	77.80	61.00	3.30	
150	100	2.5	98.00	79.00	3.90	

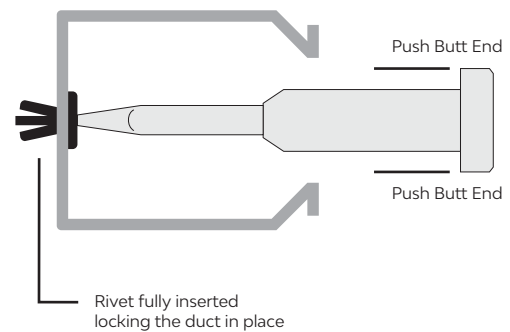
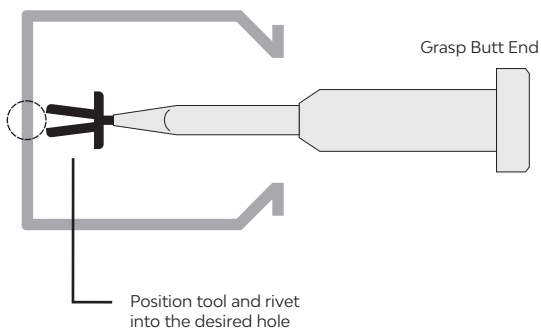
For sizes please correspond the alphabets in design with the alphabets in the above table.

Tools for Installation



Rivet Installation Tool

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

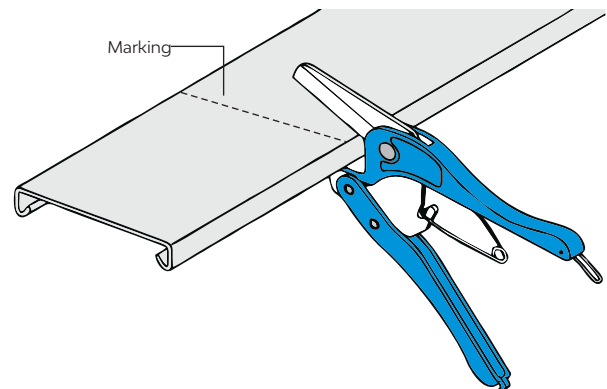
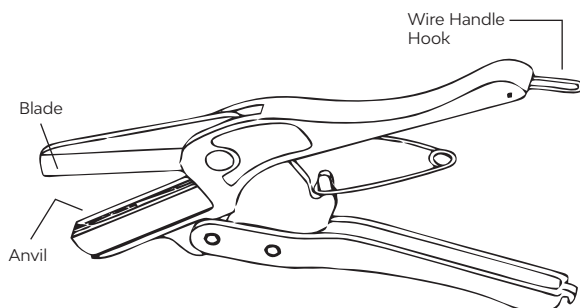


Wiring Ducts Cutting Tool



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

Used For Cutting Wiring Duct & Wiring Duct Cover



Replacement Instructions

Blade Replacement :

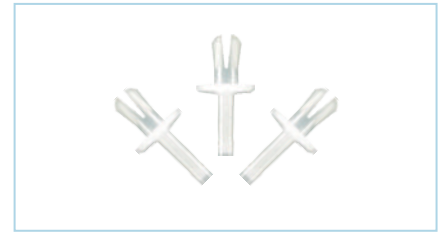
Unhook spring from hook on blade. using a screwdriver and hex wrench, remove nut and screw. Slide blade upward, out of tool, and replace with new blade. Fasten using existing screw and nut.

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	10
01 17 05758	TWD60LG2	Wall Divider 60 mm, Light Grey, 2 meter	10
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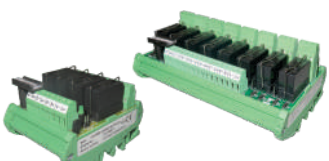
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