

Wiring Ducts

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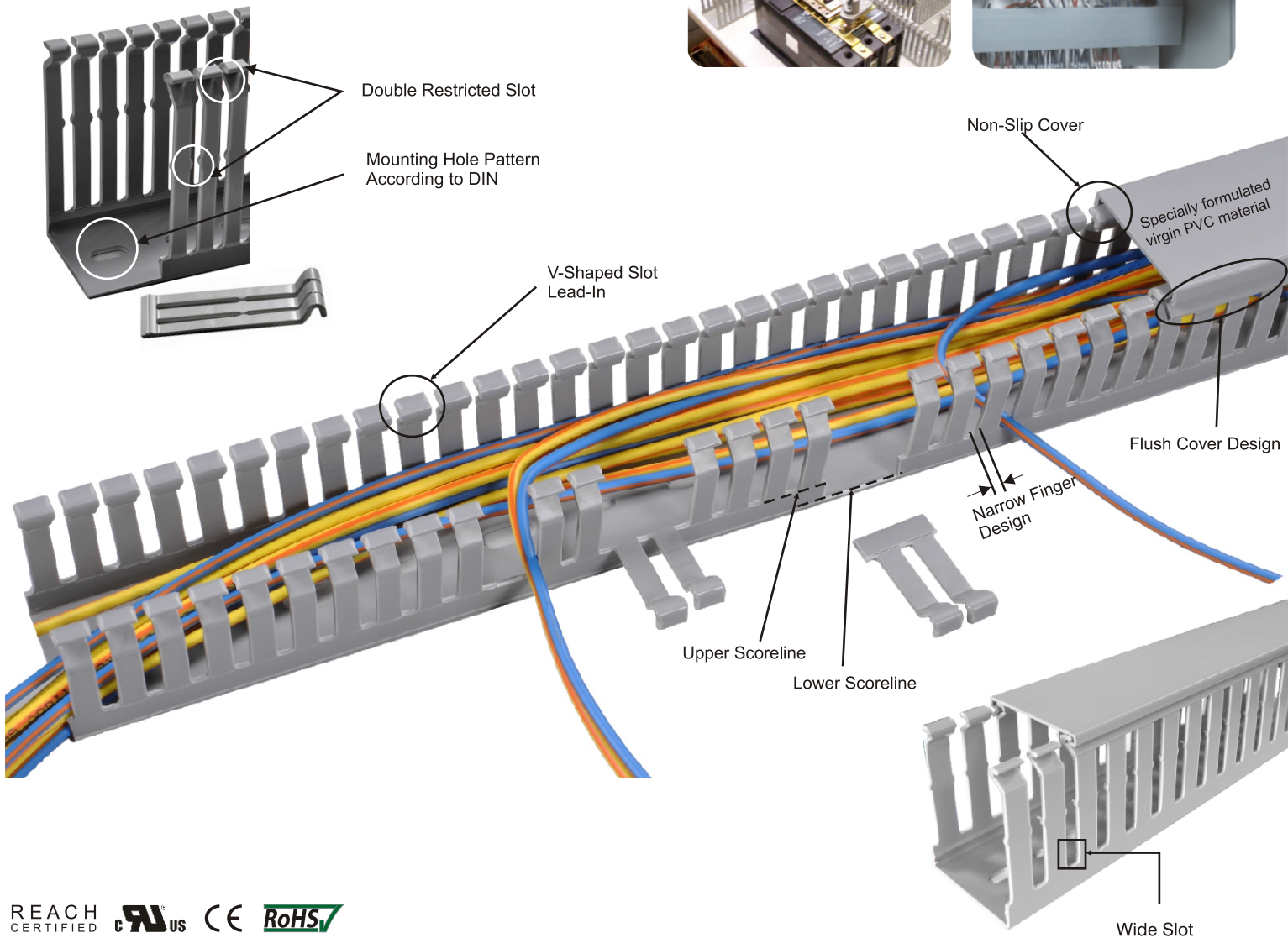
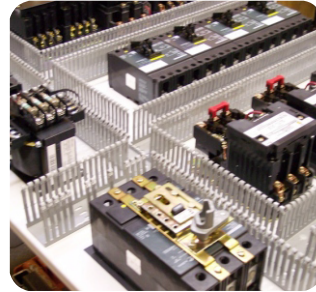
®



Wiring Ducts

Trinity Touch provides state-of-art Wiring Ducts

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



REACH CERTIFIED  CE 

Complete solution of accessories and tools for installation



Rivet



Rivet Installation Tool



Wiring Duct Cutting Tool

Wiring Duct Sizes

Article No.	Type	Description	Duct Size W X H (mm)	Duct Size W X H (inch)	Meter/Box
01 17 00651	TWDS25X25LG2	Wiring Duct solid wall, Light Grey, 2 meter	25 x 25	0.98 x 0.98	120
01 17 00653	TWDN25X25LG2	Wiring Duct slotted wall, Light Grey, 2 meter	25 x 25	0.98 x 0.98	120
01 17 00628	TWDS25X40LG2	Wiring Duct solid wall, Light Grey, 2 meter	25 x 40	0.98 x 1.57	96
01 17 00629	TWDN25X40LG2	Wiring Duct slotted wall, Light Grey, 2 meter	25 x 40	0.98 x 1.57	96
01 17 01676	TWDS25X45LG2	Wiring Duct solid wall, Light Grey, 2 meter	25 x 45	0.98 x 1.77	96
01 17 01658	TWDN25X45LG2	Wiring Duct slotted wall, Light Grey, 2 meter	25 x 45	0.98 x 1.77	96
01 17 00655	TWDS25X60LG2	Wiring Duct solid wall, Light Grey, 2 meter	25 x 60	0.98 x 2.36	72
01 17 00657	TWDN25X60LG2	Wiring Duct slotted wall, Light Grey, 2 meter	25 x 60	0.98 x 2.36	72
01 17 01678	TWDS25X80LG2	Wiring Duct solid wall, Light Grey, 2 meter	25 x 80	0.98 x 3.15	48
01 17 01660	TWDN25X80LG2	Wiring Duct slotted wall, Light Grey, 2 meter	25 x 80	0.98 x 3.15	48
01 17 01674	TWDS25X100LG2	Wiring Duct solid wall, Light Grey, 2 meter	25 x 100	0.98 x 3.94	48
01 17 01656	TWDN25X100LG2	Wiring Duct slotted wall, Light Grey, 2 meter	25 x 100	0.98 x 3.94	48
01 17 00659	TWDS30X80LG2	Wiring Duct solid wall, Light Grey, 2 meter	30 x 80	1.18 x 3.15	40
01 17 00661	TWDN30X80LG2	Wiring Duct slotted wall, Light Grey, 2 meter	30 x 80	1.18 x 3.15	40
01 17 00631	TWDS40X40LG2	Wiring Duct solid wall, Light Grey, 2 meter	40 x 40	1.57 x 1.57	64
01 17 00633	TWDN40X40LG2	Wiring Duct slotted wall, Light Grey, 2 meter	40 x 40	1.57 x 1.57	64
01 17 00635	TWDS40X60LG2	Wiring Duct solid wall, Light Grey, 2 meter	40 x 60	1.57 x 2.36	48
01 17 00637	TWDN40X60LG2	Wiring Duct slotted wall, Light Grey, 2 meter	40 x 60	1.57 x 2.36	48
01 17 00639	TWDS40X80LG2	Wiring Duct solid wall, Light Grey, 2 meter	40 x 80	1.57 x 3.15	32
01 17 00641	TWDN40X80LG2	Wiring Duct slotted wall, Light Grey, 2 meter	40 x 80	1.57 x 3.15	32
01 17 00675	TWDS40X100LG2	Wiring Duct solid wall, Light Grey, 2 meter	40 x 100	1.57 x 3.94	32
01 17 00677	TWDN40X100LG2	Wiring Duct slotted wall, Light Grey, 2 meter	40 x 100	1.57 x 3.94	32
01 17 01680	TWDS45X45LG2	Wiring Duct solid wall, Light Grey, 2 meter	45 x 45	1.77 x 1.77	64
01 17 01662	TWDN45X45LG2	Wiring Duct slotted wall, Light Grey, 2 meter	45 x 45	1.77 x 1.77	64
01 17 01682	TWDS60X40LG2	Wiring Duct solid wall, Light Grey, 2 meter	60 x 40	2.36 x 1.57	36
01 17 01664	TWDN60X40LG2	Wiring Duct slotted wall, Light Grey, 2 meter	60 x 40	2.36 x 1.57	36
01 17 00643	TWDS60X60LG2	Wiring Duct solid wall, Light Grey, 2 meter	60 x 60	2.36 x 2.36	36
01 17 00645	TWDN60X60LG2	Wiring Duct slotted wall, Light Grey, 2 meter	60 x 60	2.36 x 2.36	36
01 17 00647	TWDS60X80LG2	Wiring Duct solid wall, Light Grey, 2 meter	60 x 80	2.36 x 3.15	24
01 17 00649	TWDN60X80LG2	Wiring Duct slotted wall, Light Grey, 2 meter	60 x 80	2.36 x 3.15	24
01 17 00667	TWDS60X100LG2	Wiring Duct solid wall, Light Grey, 2 meter	60 x 100	2.36 x 3.94	24
01 17 00669	TWDN60X100LG2	Wiring Duct slotted wall, Light Grey, 2 meter	60 x 100	2.36 x 3.94	24
01 17 01686	TWDS80X40LG2	Wiring Duct solid wall, Light Grey, 2 meter	80 x 40	3.15 x 1.57	24
01 17 01668	TWDN80X40LG2	Wiring Duct slotted wall, Light Grey, 2 meter	80 x 40	3.15 x 1.57	24
01 17 01688	TWDS80X60LG2	Wiring Duct solid wall, Light Grey, 2 meter	80 x 60	3.15 x 2.36	24
01 17 01670	TWDN80X60LG2	Wiring Duct slotted wall, Light Grey, 2 meter	80 x 60	3.15 x 2.36	24
01 17 00663	TWDS80X80LG2	Wiring Duct solid wall, Light Grey, 2 meter	80 x 80	3.15 x 3.15	16
01 17 00665	TWDN80X80LG2	Wiring Duct slotted wall, Light Grey, 2 meter	80 x 80	3.15 x 3.15	16

Wiring Duct Sizes

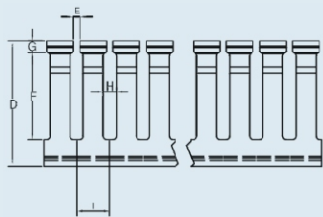
Article No.	Type	Description	Duct Size W X H (mm)	Duct Size W X H (inch)	Meter/Box
01 17 01684	TWDS80X100LG2	Wiring Duct solid wall, Light Grey, 2 meter	80 x 100	3.15 x 3.94	16
01 17 01666	TWDN80X100LG2	Wiring Duct slotted wall, Light Grey, 2 meter	80 x 100	3.15 x 3.94	16
01 17 01672	TWDS100X60LG2	Wiring Duct solid wall, Light Grey, 2 meter	100 x 60	3.94 x 2.36	24
01 17 01654	TWDN100X60LG2	Wiring Duct slotted wall, Light Grey, 2 meter	100 x 60	3.94 x 2.36	24
01 17 00671	TWDS100X100LG2	Wiring Duct solid wall, Light Grey, 2 meter	100 x 100	3.94 x 3.94	16
01 17 00673	TWDN100X100LG2	Wiring Duct slotted wall, Light Grey, 2 meter	100 x 100	3.94 x 3.94	16
01 17 00687	TRIT	Rivet installation tool			
01 17 00688	TWTCT	Wiring Duct cutting tool			
01 17 00689	TNR	Rivet			

Wiring Duct - Wide Slot

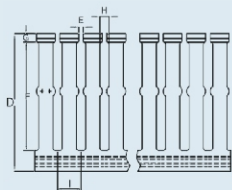
Article No.	Type	Description	Duct Size W X H (mm)	Duct Size W X H (inch)	Meter/Box
01 17 02585	TWDW25X25LG2	Wiring duct wide slot,Light Grey, 2 meter	25 x 25	0.98 x 0.98	120
01 17 02586	TWDW25X40LG2	Wiring duct wide slot,Light Grey, 2 meter	25 x 40	0.98 x 1.57	96
01 17 02587	TWDW25X45LG2	Wiring duct wide slot,Light Grey, 2 meter	25 x 45	0.98 x 1.77	96
01 17 02588	TWDW25X60LG2	Wiring duct wide slot,Light Grey, 2 meter	25 x 60	0.98 x 2.36	72
01 17 02589	TWDW25X80LG2	Wiring duct wide slot,Light Grey, 2 meter	25 x 80	0.98 x 3.15	48
01 17 02590	TWDW25X100LG2	Wiring duct wide slot,Light Grey, 2 meter	25 x 100	0.98 x 3.94	48
01 17 02591	TWDW30X80LG2	Wiring duct wide slot,Light Grey, 2 meter	30 x 80	1.18 x 3.15	40
01 17 02592	TWDW40X40LG2	Wiring duct wide slot,Light Grey, 2 meter	40 x 40	1.57 x 1.57	64
01 17 02593	TWDW40X60LG2	Wiring duct wide slot,Light Grey, 2 meter	40 x 60	1.57 x 2.36	48
01 17 02594	TWDW40X80LG2	Wiring duct wide slot,Light Grey, 2 meter	40 x 80	1.57 x 3.15	32
01 17 02595	TWDW40X100LG2	Wiring duct wide slot,Light Grey, 2 meter	40 x 100	1.57 x 3.94	32
01 17 02596	TWDW45X45LG2	Wiring duct wide slot,Light Grey, 2 meter	45 x 45	1.77 x 1.77	64
01 17 02597	TWDW60X40LG2	Wiring duct wide slot,Light Grey, 2 meter	60 x 40	2.36 x 1.57	36
01 17 02598	TWDW60X60LG2	Wiring duct wide slot,Light Grey, 2 meter	60 x 60	2.36 x 2.36	36
01 17 02599	TWDW60X80LG2	Wiring duct wide slot,Light Grey, 2 meter	60 x 80	2.36 x 3.15	24
01 17 02600	TWDW60X100LG2	Wiring duct wide slot,Light Grey, 2 meter	60 x 100	2.36 x 3.94	24
01 17 02601	TWDW80X40LG2	Wiring duct wide slot,Light Grey, 2 meter	80 x 40	3.15 x 1.57	24
01 17 02602	TWDW80X60LG2	Wiring duct wide slot,Light Grey, 2 meter	80 x 60	3.15 x 2.36	24
01 17 02603	TWDW80X80LG2	Wiring duct wide slot,Light Grey, 2 meter	80 x 80	3.15 x 3.15	16
01 17 02604	TWDW80X100LG2	Wiring duct wide slot,Light Grey, 2 meter	80 x 100	3.15 x 3.94	16
01 17 02605	TWDW100X60LG2	Wiring duct wide slot,Light Grey, 2 meter	100 x 60	3.94 x 2.36	24
01 17 02606	TWDW100X100LG2	Wiring duct wide slot,Light Grey, 2 meter	100 x 100	3.94 x 3.94	16

Wiring Ducts also available in 1mt. with different colours.

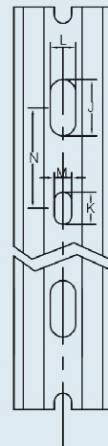
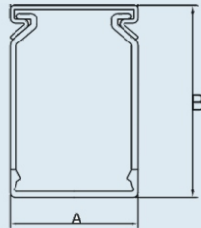
Technical Information



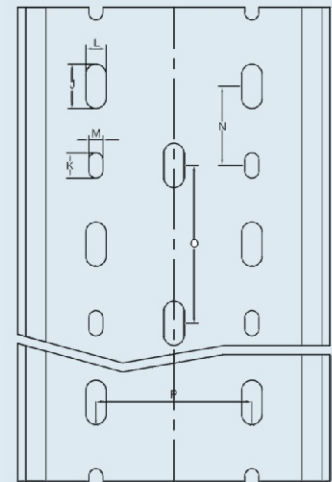
Single restricted slot up to 50mm Height



Double restricted slot for height from 60mm onwards



Single mounting pattern up to 60mm width



Tripple mounting pattern for width from 80mm onwards

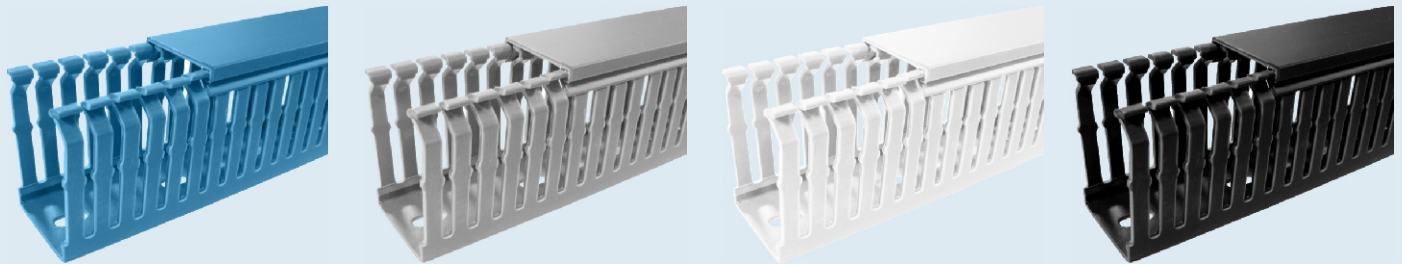
Nominal Duct Size (mm)		Dimensions (mm)															
A (Width)	B (Height)	T (Thickness)	D	E	F	G	H		I		J	K	L	M	N	O	P
							Wide Slot	Narrow Slot	Wide Slot	Narrow Slot							
25	25	1.6	22.2	2	10.80	3.40	8	4	20	10	14	8	6.5	4.5	25	-	-
25	40	1.6	37.2	2	25.80	3.40	8	4	20	10	14	8	6.5	4.5	25	-	-
25	45	1.6	42.2	2	30.80	3.40	8	4	20	10	14	8	6.5	4.5	25	-	-
25	60	1.9	57.5	2	45.55	3.40	8	4	20	10	14	8	6.5	4.5	25	-	-
25	80	2.2	77.8	2	54.90	3.50	8	4	20	10	14	8	6.5	4.5	25	-	-
25	100	2.1	97.8	2	83.60	3.50	8	4	20	10	14	8	6.5	4.5	25	-	-
30	80	2.2	77.8	2	54.90	3.50	8	4	20	10	14	8	6.5	4.5	25	-	-
40	40	1.6	37.2	2	25.80	3.40	8	4	20	10	14	8	6.5	4.5	25	-	-
40	60	1.9	57.5	2	45.55	3.40	8	4	20	10	14	8	6.5	4.5	25	-	-
40	80	2.2	77.8	2	54.90	3.50	8	4	20	10	14	8	6.5	4.5	25	-	-
40	100	2.4	97.8	2	83.60	3.50	8	4	20	10	14	8	6.5	4.5	25	-	-
45	45	1.6	42.2	2	30.80	3.40	8	4	20	10	14	8	6.5	4.5	25	-	-
60	40	1.6	37.2	2	25.80	3.40	8	4	20	10	14	8	6.5	4.5	25	-	-
60	60	1.9	57.5	2	45.55	3.40	8	4	20	10	14	8	6.5	4.5	25	-	-
60	80	2.2	77.8	2	54.90	3.50	8	4	20	10	14	8	6.5	4.5	25	-	-
60	100	2.4	97.8	2	83.60	3.50	8	4	20	10	14	8	6.5	4.5	25	-	-
80	40	1.6	37.2	2	25.80	3.40	8	4	20	10	14	8	6.5	4.5	25	50	50
80	60	1.9	57.5	2	45.55	3.40	8	4	20	10	14	8	6.5	4.5	25	50	50
80	80	2.3	77.8	2	54.90	3.50	8	4	20	10	14	8	6.5	4.5	25	50	50
80	100	2.5	97.8	2	83.60	3.50	8	4	20	10	14	8	6.5	4.5	25	50	50
100	60	1.9	57.5	2	45.55	3.40	8	4	20	10	14	8	6.5	4.5	25	50	50
100	100	2.5	97.8	2	83.60	3.50	8	4	20	10	14	8	6.5	4.5	25	50	50

Formula for Calculating fill Capacity

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

Typical raw material properties of Wiring Duct

Property	Units	ASTM Test	PVC
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



Available in all colours

Stocked in 4 Colours



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