

Cable trunking systems

Metstrut cable trunking systems meet the requirements of a demanding electrical installations market. Utilising world class production methods Metstrut are able to offer competitive solutions to a high level of service.

The comprehensive Metstrut cable trunking ranges consist of standard distribution trunking and lighting trunking.

Standard distribution trunking is available in widths and depths up to 225mm as standard. Lids are attached by turnbuckle fixings, with Screwfix and tamperproof fixings also available.

Lighting trunking is available in 50mm x 50mm with straights in various length configurations. This range utilises the Standard distribution trunking components but with snap on lids available in pre galvanised steel or white plastic. This allows flexibility on site when using both systems.

Metstrut cable trunking systems are manufactured on sophisticated CNC equipment with a high level of automation for fast moving items. The fully integrated production process ensures Metstrut is able to offer a high level of service.

Development and testing

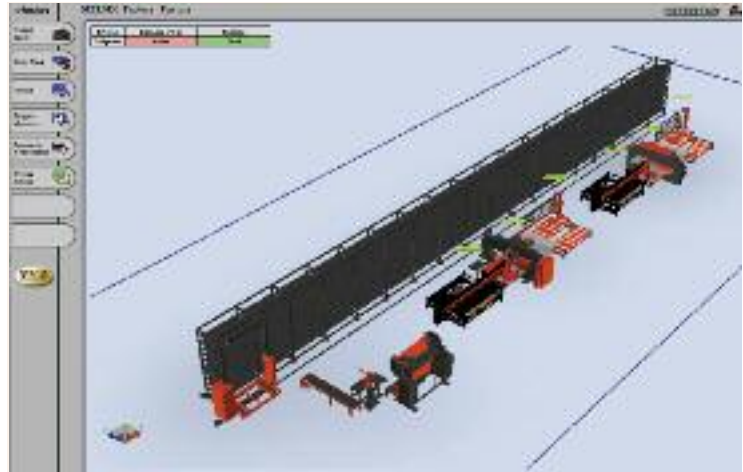
Metstrut trunking systems have been developed to meet the requirements of BS EN 50085-1: 2005 and BS EN 50085-2-1:2006 Cable trunking systems and cable ducting systems for electrical installations.



Comprehensive stock, rapid delivery

Metstrut manufactures to lean principles on a Kanban system for stock control. This ensures a high level of delivery performance is achieved to meet the demanding service requirements needed to meet the needs of end users.

Comprehensive stocks are available at all times and Metstrut has the ability to turn around non-standard applications quickly due to the sophisticated manufacturing processes employed. The virtual factory software used in the manufacturing process provides a continuous monitoring tool for stocks, work in progress and replenishment times.

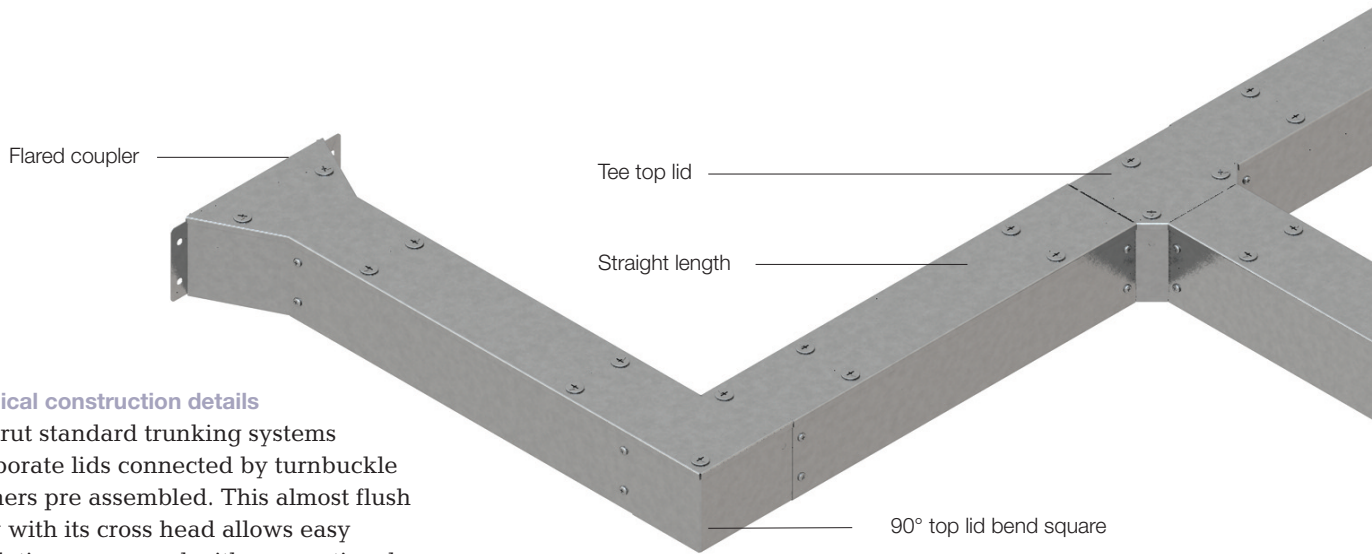


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System configuration and support

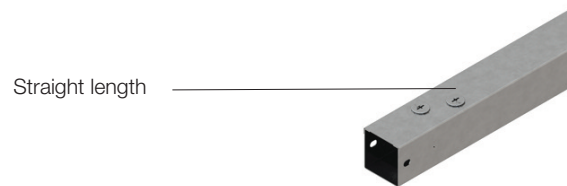
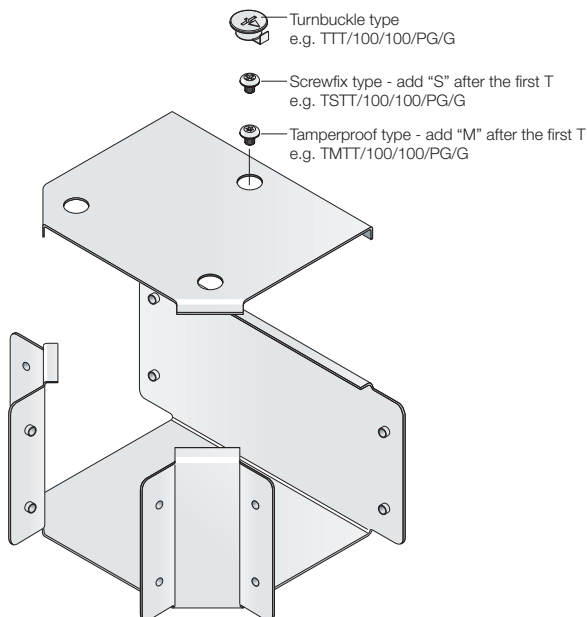
Metstrut cable trunking systems are designed as a complete system with a range of easy fit accessories. Integral connectors are included for all fittings as well as fixing bolts. These connectors include pre tapped holes avoiding the need for nuts and washers. Trunking straight lengths come complete with coupler and fixing screws.

Metstrut lighting trunking utilises the same accessories as the standard trunking range, but straight bodies are available in numerous length configurations. Clip on lids are available for this range in both metal galvanised or white plastic.



Technical construction details

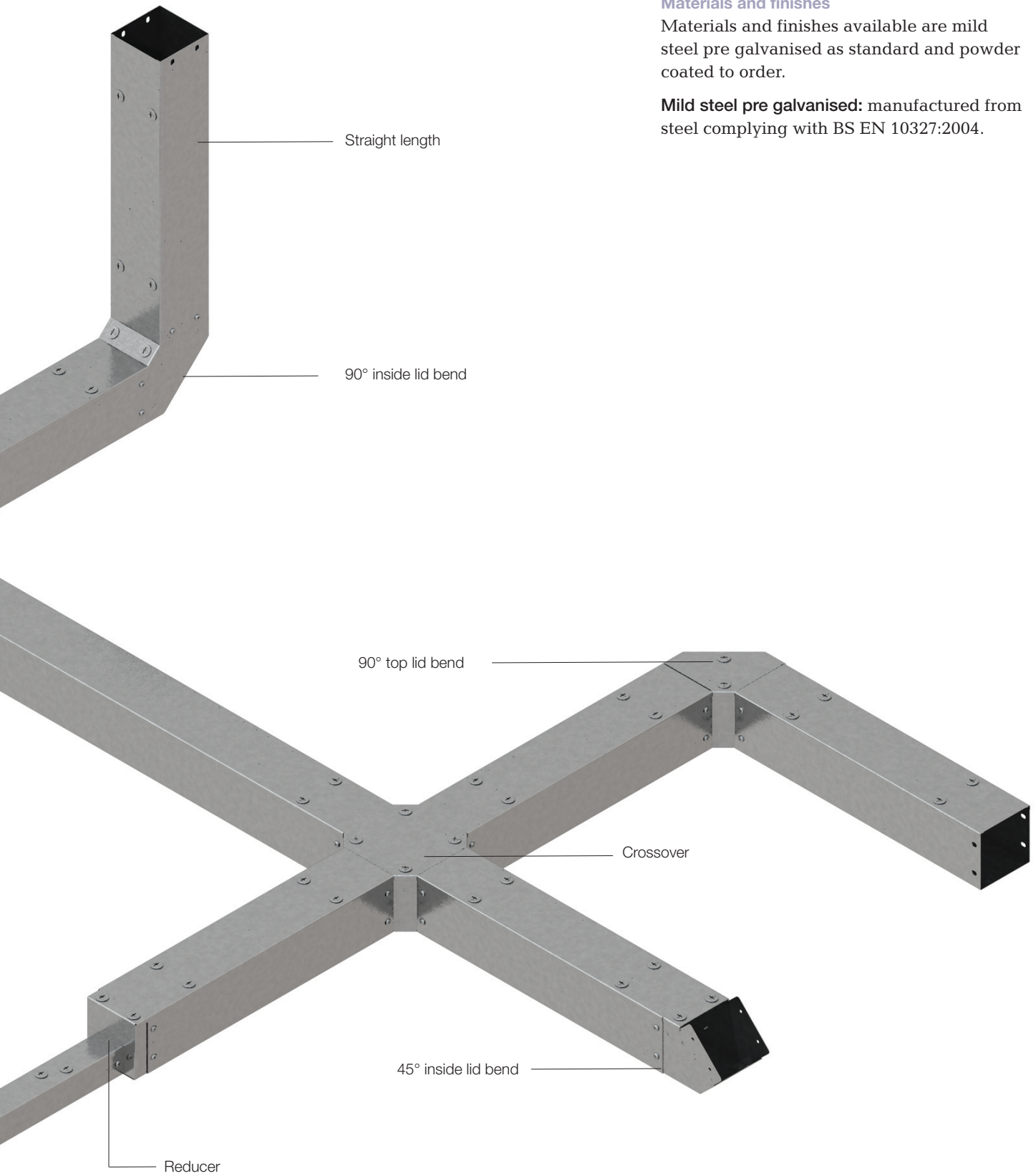
Metstrut standard trunking systems incorporate lids connected by turnbuckle fasteners pre assembled. This almost flush fixing with its cross head allows easy installation or removal with conventional cross/flat blade screwdrivers. Alternative fixings are available to order including screwfix and tamperproof screws



Materials and finishes

Materials and finishes available are mild steel pre galvanised as standard and powder coated to order.

Mild steel pre galvanised: manufactured from steel complying with BS EN 10327:2004.



Standards

Metstrut Cable Trunking Systems generally conform to BS EN 50085-1:2005 Cable trunking systems and cable ducting systems for electrical installations-Part 1: General requirements, and BS EN 50085-2-1:2006 Cable trunking systems and cable ducting systems for electrical installations-Part 2-1: Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings.

The above supercedes BS 4678, now withdrawn.

This European Standard specifies requirements and tests for cable trunking systems and cable ducting systems intended for the accommodation, and where necessary, for the electrically protective separation, of insulated conductors, cables and possibly other electrical equipment in electrical and/or communication systems installations. The maximum voltage of these installations is 1000V a.c. and 1500V d.c.

This standard does not apply to conduit systems, cable tray systems, cable ladder systems, power track systems or equipment covered by other standards.

3 Definitions

For the purpose of this European Standard the following definitions apply.

3.1 Cable trunking system

Assembly comprising a trunking length and possibly other system components to provide an enclosure for the accommodation and laying in of insulated conductors and cables and possibly the accommodation of other electrical equipment.

3.3 System component

Part of the system which includes:

- a) trunking length
- b) trunking fitting
- c) fixing device
- d) apparatus mounting device
- e) system accessory

NB a system does not necessarily include all system components a) to e). Different combinations of system components may be used.

3.4 Trunking length

Main component of a cable trunking system comprising a base with one or more access covers which may be opened or removed.

3.6 Fitting

System component to connect, change direction or terminate trunking lengths

3.7 Fixing device

System component to secure other system components to the wall, ceiling, floor or other structure.

3.8 Apparatus mounting device

System component to accommodate electrical apparatus, (switches, socket outlets, circuit breakers, telephone outlets, etc.) which can be an integral part of electrical apparatus.

3.9 System accessory

System component which provides a supplementary function.

3.10 Metallic system component

System component which consists of metal only.

3.12 Composite system component

System component comprising both metallic and non-metallic materials.

4 General requirements

Metstrut Cable trunking systems have been designed and constructed so that, where required, they provide reliable mechanical protection to the insulated conductors, cables and possibly other electrical equipment. Where required the system provides adequate electrical protection.

The system components meet the classifications as detailed/**highlighted** in Section 6.

6 Classifications

6.2 According to resistance to impact for installation and application

6.2.3 Metstrut cable trunking systems offer impact resistance of 2 J

6.3 According to temperatures as given in Tables 1,2 & 3

Table 1 – Minimum temperature

Minimum transport and storage temperature °C

-45
-25
-15
-5

Table 2 - Minimum temperature

Minimum installation and application temperature °C

-25
-15
-55
+5
+15

Table 3 - Maximum temperature

Maximum application temperature °C

+60
+90
+105
+120

6.4 According to resistance to flame propagation

6.4.2 Metstrut cable trunking systems are non flame propagating.

6.5 According to electrical continuity characteristic

6.5.1 Metstrut cable trunking systems have electrical continuity characteristic.

6.6 According to electrical insulating characteristic

6.6.1 Metstrut cable trunking is without electrical insulating characteristic.

6.7 According to degrees of protection provided by enclosure according to EN60529:1991

6.7.1 Metstrut cable trunking is IP30.

6.9 According to system access cover retention

6.9.2 Metstrut cable trunking access cover can only be opened with a tool.

6.10 According to electrically protective separation

6.10.1 Metstrut cable trunking system without internal protective partition.

6.101 According to intended installation positions.

6.101.3.1 Surface mounted on wall.

6.101.3.2 Surface mounted on ceiling.

6.103 According to type.

6.103.2 Type 2 cable trunking system – distribution.

7 Marking and documentation

7.1 Each system component is marked by label. Labels used fully comply with the rubbing test. Boxed items are labelled on the packaging.

8 Dimensions

There are no dimensions requirements.

9 Construction**9.1 Sharp edges**

Surfaces of system components which are likely to come into contact with cables during installation are inspected to ensure they shall not cause damage to the cables when installed correctly.

9.4 Mechanical connections

Screwed connections have been designed to withstand the mechanical stresses occurring during installation and normal use and will not cause damage to cables when correctly inserted. Screwed connections are generally isometric threads fully compliant with tests in accordance with 9.4.1 of the standard. Screws intended to be tightened by means of a screwdriver should be to a torque of 2Nm per Table 4 – Torque values for the test of screwed connections.

Mechanical connections intended for re-use other than screwed connections have been tested in accordance with 9.4.2, i.e. fitted and removed 10 times. After the test, there was no damage to impair the further use of the mechanical connection i.e. turnbuckle connectors.

9.6 Equipotential bonding

9.6.1 Metstrut cable trunking systems should not be used for equipotential bonding.

9.7 Access to live parts

9.7.1 Metstrut cable trunking systems are designed that when they are installed correctly as in normal use, live parts are not accessible.

9.7.4 knockouts meet the requirements of EN 61032:1998

9.101 Assembling

Metstrut system components fit correctly generally using integral couplers with plunged and tapped holes.

10 Mechanical properties

Metstrut cable trunking systems have been tested to verify the classifications stated particularly relating to mechanical strength, impact resistance, system access cover retention etc.

15 Electromagnetic compatibility

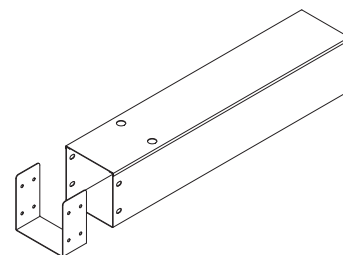
Metstrut cable trunking systems are in normal use, passive in respect of electromagnetic influences (emission and immunity).

Note: When products covered by this standard are installed as part of a wiring installation, the installation may emit or may be influenced by electromagnetic signals. The degree of influence will depend on the nature of the installation within its operating environment and the apparatus connected by the wiring.

Standard distribution trunking

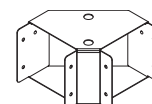
Length 3m long with lid and coupler

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TSL/050/050/PG3	N/A	N/A	N/A	N/A
75	TSL/075/050/PG3	TSL/075/075/PG3	N/A	N/A	N/A
100	TSL/100/050/PG3	TSL/100/075/PG3	TSL/100/100/PG3	N/A	N/A
150	TSL/150/050/PG3	TSL/150/075/PG3	TSL/150/100/PG3	TSL/150/150/PG3	N/A
225	TSL/225/050/PG3	TSL/225/075/PG3	TSL/225/100/PG3	TSL/225/150/PG3	TSL/225/225/PG3



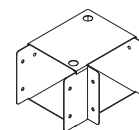
90° Bend with top lid and gusset

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TTB/050/050/PG/G90	N/A	N/A	N/A	N/A
75	TTB/075/050/PG/G90	TTB/075/075/PG/G90	N/A	N/A	N/A
100	TTB/100/050/PG/G90	TTB/100/075/PG/G90	TTB/100/100/PG/G90	N/A	N/A
150	TTB/150/050/PG/G90	TTB/150/075/PG/G90	TTB/150/100/PG/G90	TTB/150/150/PG/G90	N/A
225	TTB/225/050/PG/G90	TTB/225/075/PG/G90	TTB/225/100/PG/G90	TTB/225/150/PG/G90	TTB/225/225/PG/G90



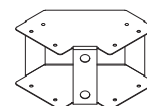
90° Bend with top lid and square

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TTB/050/050/PG/S90	N/A	N/A	N/A	N/A
75	TTB/075/050/PG/S90	TTB/075/075/PG/S90	N/A	N/A	N/A
100	TTB/100/050/PG/S90	TTB/100/075/PG/S90	TTB/100/100/PG/S90	N/A	N/A
150	TTB/150/050/PG/S90	TTB/150/075/PG/S90	TTB/150/100/PG/S90	TTB/150/150/PG/S90	N/A
225	TTB/225/050/PG/S90	TTB/225/075/PG/S90	TTB/225/100/PG/S90	TTB/225/150/PG/S90	TTB/225/225/PG/S90



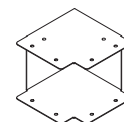
90° Bend with inside lid and gusset

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TIB/050/050/PG/G90	N/A	N/A	N/A	N/A
75	TIB/075/050/PG/G90	TIB/075/075/PG/G90	N/A	N/A	N/A
100	TIB/100/050/PG/G90	TIB/100/075/PG/G90	TIB/100/100/PG/G90	N/A	N/A
150	TIB/150/050/PG/G90	TIB/150/075/PG/G90	TIB/150/100/PG/G90	TIB/150/150/PG/G90	N/A
225	TIB/225/050/PG/G90	TIB/225/075/PG/G90	TIB/225/100/PG/G90	TIB/225/150/PG/G90	TIB/225/225/PG/G90



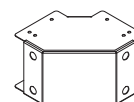
90° Bend with inside lid and square

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TIB/050/050/PG/S90	N/A	N/A	N/A	N/A
75	TIB/075/050/PG/S90	TIB/075/075/PG/S90	N/A	N/A	N/A
100	TIB/100/050/PG/S90	TIB/100/075/PG/S90	TIB/100/100/PG/S90	N/A	N/A
150	TIB/150/050/PG/S90	TIB/150/075/PG/S90	TIB/150/100/PG/S90	TIB/150/150/PG/S90	N/A
225	TIB/225/050/PG/S90	TIB/225/075/PG/S90	TIB/225/100/PG/S90	TIB/225/150/PG/S90	TIB/225/225/PG/S90



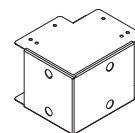
90° Bend with outside lid and gusset

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TOB/050/050/PG/G90	N/A	N/A	N/A	N/A
75	TOB/075/050/PG/G90	TOB/075/075/PG/G90	N/A	N/A	N/A
100	TOB/100/050/PG/G90	TOB/100/075/PG/G90	TOB/100/100/PG/G90	N/A	N/A
150	TOB/150/050/PG/G90	TOB/150/075/PG/G90	TOB/150/100/PG/G90	TOB/150/150/PG/G90	N/A
225	TOB/225/050/PG/G90	TOB/225/075/PG/G90	TOB/225/100/PG/G90	TOB/225/150/PG/G90	TOB/225/225/PG/G90

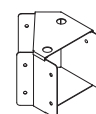


90° Bend with outside lid and square

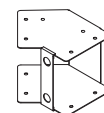
Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TOB/050/050/PG/S90	N/A	N/A	N/A	N/A
75	TOB/075/050/PG/S90	TOB/075/075/PG/S90	N/A	N/A	N/A
100	TOB/100/050/PG/S90	TOB/100/075/PG/S90	TOB/100/100/PG/S90	N/A	N/A
150	TOB/150/050/PG/S90	TOB/150/075/PG/S90	TOB/150/100/PG/S90	TOB/150/150/PG/S90	N/A
225	TOB/225/050/PG/S90	TOB/225/075/PG/S90	TOB/225/100/PG/S90	TOB/225/150/PG/S90	TOB/225/225/PG/S90

**45° Bend with top lid and gusset**

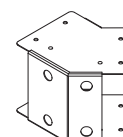
Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
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100	TTB/100/050/PG/G45	TTB/100/075/PG/G45	TTB/100/100/PG/G45	N/A	N/A
150	TTB/150/050/PG/G45	TTB/150/075/PG/G45	TTB/150/100/PG/G45	TTB/150/150/PG/G45	N/A
225	TTB/225/050/PG/G45	TTB/225/075/PG/G45	TTB/225/100/PG/G45	TTB/225/150/PG/G45	TTB/225/225/PG/G45

**45° Bend with inside lid and gusset**

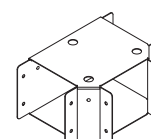
Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TIB/050/050/PG/G45	N/A	N/A	N/A	N/A
75	TIB/075/050/PG/G45	TIB/075/075/PG/G45	N/A	N/A	N/A
100	TIB/100/050/PG/G45	TIB/100/075/PG/G45	TIB/100/100/PG/G45	N/A	N/A
150	TIB/150/050/PG/G45	TIB/150/075/PG/G45	TIB/150/100/PG/G45	TIB/150/150/PG/G45	N/A
225	TIB/225/050/PG/G45	TIB/225/075/PG/G45	TIB/225/100/PG/G45	TIB/225/150/PG/G45	TIB/225/225/PG/G45

**45° Bend with outside lid and gusset**

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TOB/050/050/PG/G45	N/A	N/A	N/A	N/A
75	TOB/075/050/PG/G45	TOB/075/075/PG/G45	N/A	N/A	N/A
100	TOB/100/050/PG/G45	TOB/100/075/PG/G45	TOB/100/100/PG/G45	N/A	N/A
150	TOB/150/050/PG/G45	TOB/150/075/PG/G45	TOB/150/100/PG/G45	TOB/150/150/PG/G45	N/A
225	TOB/225/050/PG/G45	TOB/225/075/PG/G45	TOB/225/100/PG/G45	TOB/225/150/PG/G45	TOB/225/225/PG/G45

**Tee with top lid and gusset**

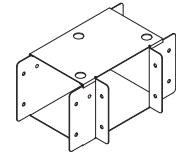
Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
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100	TTT/100/050/PG/G	TTT/100/075/PG/G	TTT/100/100/PG/G	N/A	N/A
150	TTT/150/050/PG/G	TTT/150/075/PG/G	TTT/150/100/PG/G	TTT/150/150/PG/G	N/A
225	TTT/225/050/PG/G	TTT/225/075/PG/G	TTT/225/100/PG/G	TTT/225/150/PG/G	TTT/225/225/PG/G



Standard distribution trunking

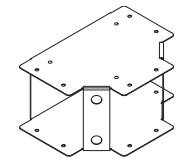
Tee with top lid and square

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TTT/050/050/PG/S	N/A	N/A	N/A	N/A
75	TTT/075/050/PG/S	TTT/075/075/PG/S	N/A	N/A	N/A
100	TTT/100/050/PG/S	TTT/100/075/PG/S	TTT/100/100/PG/S	N/A	N/A
150	TTT/150/050/PG/S	TTT/150/075/PG/S	TTT/150/100/PG/S	TTT/150/150/PG/S	N/A
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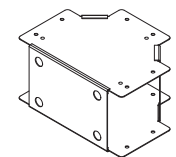
Tee with inside lid and gusset

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TIT/050/050/PG/G	N/A	N/A	N/A	N/A
75	TIT/075/050/PG/G	TIT/075/075/PG/G	N/A	N/A	N/A
100	TIT/100/050/PG/G	TIT/100/075/PG/G	TIT/100/100/PG/G	N/A	N/A
150	TIT/150/050/PG/G	TIT/150/075/PG/G	TIT/150/100/PG/G	TIT/150/150/PG/G	N/A
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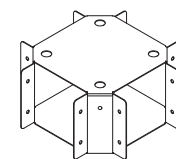
Tee with outside lid and gusset

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TOT/050/050/PG/G	N/A	N/A	N/A	N/A
75	TOT/075/050/PG/G	TOT/075/075/PG/G	N/A	N/A	N/A
100	TOT/100/050/PG/G	TOT/100/075/PG/G	TOT/100/100/PG/G	N/A	N/A
150	TOT/150/050/PG/G	TOT/150/075/PG/G	TOT/150/100/PG/G	TOT/150/150/PG/G	N/A
225	TOT/225/050/PG/G	TOT/225/075/PG/G	TOT/225/100/PG/G	TOT/225/150/PG/G	TOT/225/225/PG/G



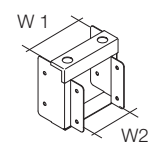
Crossover

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TCO/050/050/PG/G	N/A	N/A	N/A	N/A
75	TCO/075/050/PG/G	TCO/075/075/PG/G	N/A	N/A	N/A
100	TCO/100/050/PG/G	TCO/100/075/PG/G	TCO/100/100/PG/G	N/A	N/A
150	TCO/150/050/PG/G	TCO/150/075/PG/G	TCO/150/100/PG/G	TCO/150/150/PG/G	N/A
225	TCO/225/050/PG/G	TCO/225/075/PG/G	TCO/225/100/PG/G	TCO/225/150/PG/G	TCO/225/225/PG/G



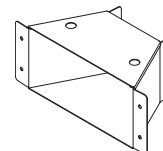
Reducer

Width 1 (mm)	Width 2 (mm)			
	50 x 50mm	75 x 75mm	100 x 100mm	150 x 150mm
75 x 75	TTR/075/075/TO/050/050/PG	N/A	N/A	N/A
100 x 100	TTR/100/100/TO/050/050/PG	TTR/100/100/TO/075/075/PG	N/A	N/A
150 x 150	TTR/150/150/TO/050/050/PG	TTR/150/150/TO/075/075/PG	TTR/150/150/TO/100/100/PG	N/A
225 x 225	TTR/225/225/TO/050/050/PG	TTR/225/225/TO/075/075/PG	TTR/225/225/TO/100/100/PG	TTR/225/225/TO/150/150/PG



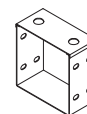
Flared connector

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TFC/050/050/PG	N/A	N/A	N/A	N/A
75	TFC/075/050/PG	TFC/075/075/PG	N/A	N/A	N/A
100	TFC/100/050/PG	TFC/100/075/PG	TFC/100/100/PG	N/A	N/A
150	TFC/150/050/PG	TFC/150/075/PG	TFC/150/100/PG	TFC/150/150/PG	N/A
225	TFC/225/050/PG	TFC/225/075/PG	TFC/225/100/PG	TFC/225/150/PG	TFC/225/225/PG



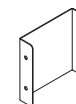
Fitting to fitting connector

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TAC/050/050/PG	N/A	N/A	N/A	N/A
75	TAC/075/050/PG	TAC/075/075/PG	N/A	N/A	N/A
100	TAC/100/050/PG	TAC/100/075/PG	TAC/100/100/PG	N/A	N/A
150	TAC/150/050/PG	TAC/150/075/PG	TAC/150/100/PG	TAC/150/150/PG	N/A
225	TAC/225/050/PG	TAC/225/075/PG	TAC/225/100/PG	TAC/225/150/PG	TAC/225/225/PG



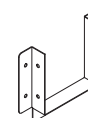
Stop end

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TSE/050/050/PG	N/A	N/A	N/A	N/A
75	TSE/075/050/PG	TSE/075/075/PG	N/A	N/A	N/A
100	TSE/100/050/PG	TSE/100/075/PG	TSE/100/100/PG	N/A	N/A
150	TSE/150/050/PG	TSE/150/075/PG	TSE/150/100/PG	TSE/150/150/PG	N/A
225	TSE/225/050/PG	TSE/225/075/PG	TSE/225/100/PG	TSE/225/150/PG	TSE/225/225/PG



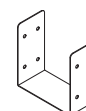
Flange bracket

Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TFL/050/050/PG	N/A	N/A	N/A	N/A
75	TFL/075/050/PG	TFL/075/075/PG	N/A	N/A	N/A
100	TFL/100/050/PG	TFL/100/075/PG	TFL/100/100/PG	N/A	N/A
150	TFL/150/050/PG	TFL/150/075/PG	TFL/150/100/PG	TFL/150/150/PG	N/A
225	TFL/225/050/PG	TFL/225/075/PG	TFL/225/100/PG	TFL/225/150/PG	TFL/225/225/PG



Trunking connector

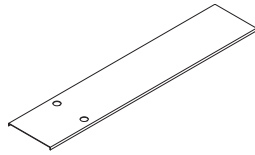
Width mm	50mm deep	75mm deep	100mm deep	150mm deep	225mm deep
50	TC/050/050/PG	N/A	N/A	N/A	N/A
75	TC/075/050/PG	TC/075/075/PG	N/A	N/A	N/A
100	TC/100/050/PG	TC/100/075/PG	TC/100/100/PG	N/A	N/A
150	TC/150/050/PG	TC/150/075/PG	TC/150/100/PG	TC/150/150/PG	N/A
225	TC/225/050/PG	TC/225/075/PG	TC/225/100/PG	TC/225/150/PG	TC/225/225/PG



Standard distribution trunking

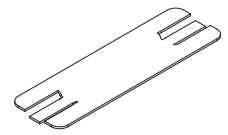
Turnbuckle lid 3m long

Width mm	
50	TSC/050/PG/3
75	TSC/075/PG/3
100	TSC/100/PG/3
150	TSC/150/PG/3
225	TSC/225/PG/3



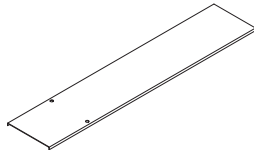
Cable retainer

Width mm		
50	TCR/050/PG	Pack of 10
75	TCR/075/PG	Pack of 10
100	TCR/100/PG	Pack of 10
150	TCR150/PG	Pack of 10
225	TCR/225/PG	Pack of 10



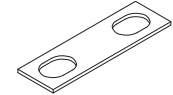
Screw fix lid 3m long

Width mm	Fasteners not included
50	TSSC/050/PG/3
75	TSSC/075/PG/3
100	TSSC/100/PG/3
150	TSSC/150/PG/3
225	TSSC/225/PG/3



Earth link

TES	Pack of 10
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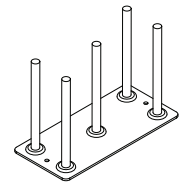
Turnbuckles

Pack of 10	TB2
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Pin rack

Width mm	
50	TPR/050
75	TPR/075
100	TPR/100
150	TPR/150



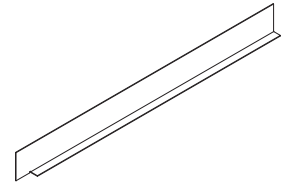
M5 screw fixings

Pack of 4	M05x5CS/4
Pack of 8	M05x5CS/8



Divider 3m length

Depth mm	Fasteners not included
50	TDI/050/PG/3
75	TDI/075/PG/3
100	TDI/100/PG/3
150	TDI/150/PG/3
225	TDI/225/PG/3



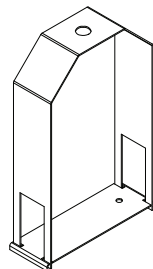
M5 security screws fixings

Pack of 4	M05x5SF/4
Pack of 8	M05x5SF/8



Hanger bracket

Width mm	
50	THB/050/PG
75	THB/075/PG
100	THB/100/PG
150	THB/150/PG
225	THB/225/PG



Compartmentalised products

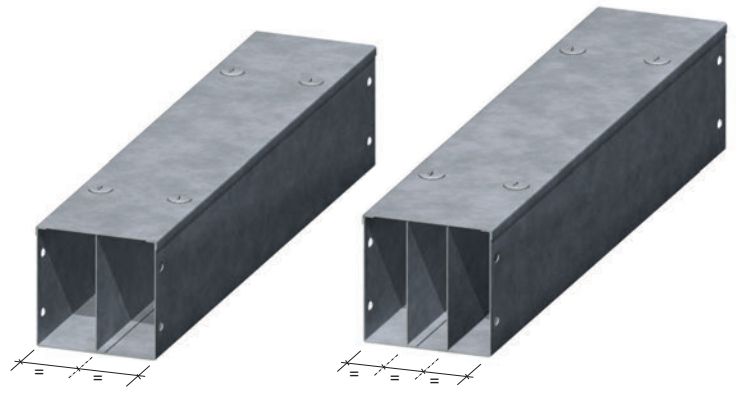
For 2 compartments:

Add 'C2' after part number, e.g. TTB/100/100/PG/G90/C2

For 3 compartments:

Add 'C3' after part number, e.g. TTB/100/100/PG/G90/C3.

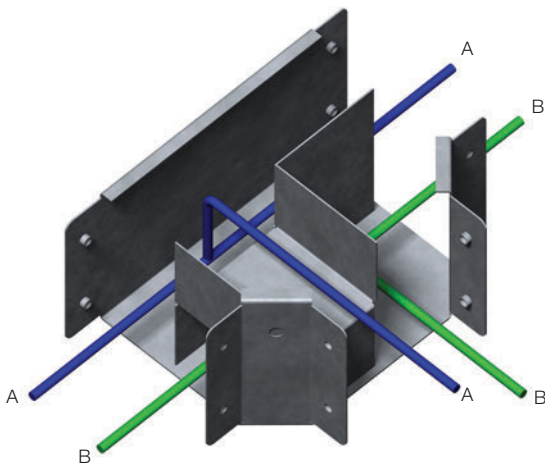
Unless otherwise stated, all compartments will be of equal size.



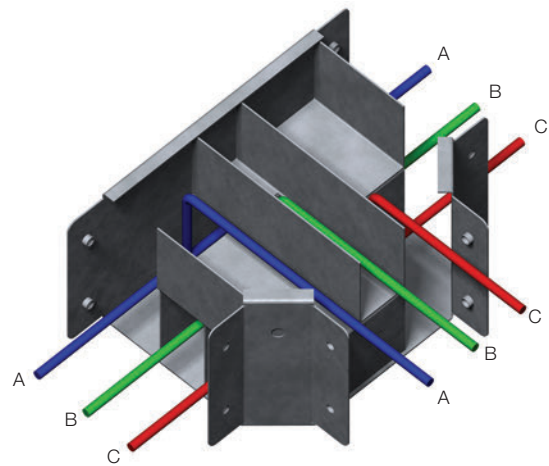
2-compartment (C2)

3-compartment (C3)

Set outs for top lid tees

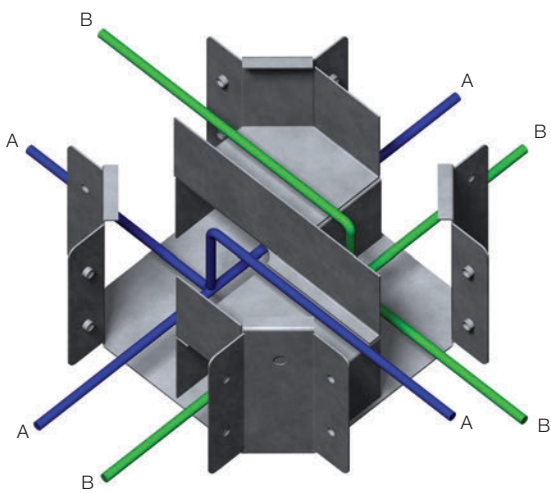


2 compartment

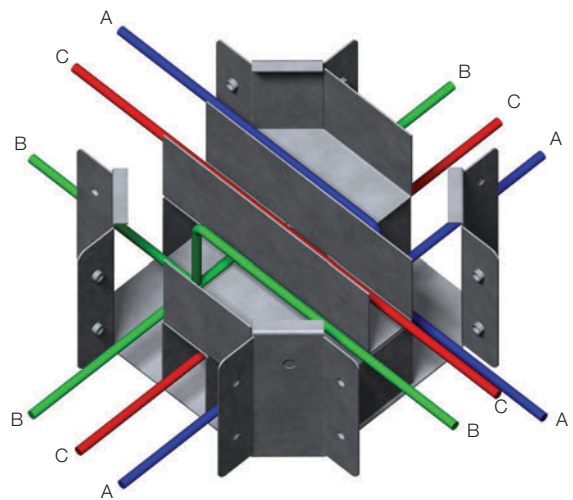


3 compartment

Set outs for crossovers



2 compartment

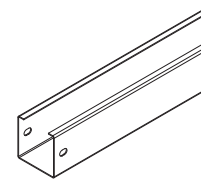


3 compartment

Lighting trunking

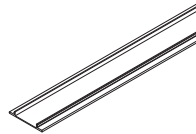
Straight length

Trunking size mm	3m long	4m long	5m long	6m long
50x50	TLSL/050/050/PG3	TLSL/050/050/PG4	TLSL/050/050/PG5	TLSL/050/050/PG6



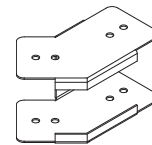
Galvanised snap-in lid

Trunking size mm	2m long
50 x 50	TLSL/050/C



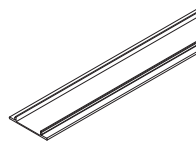
45° Bend outside lid

Trunking size mm	
50 x 50	TLOB/050/050/PG/G45



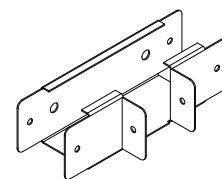
Plastic snap-in lid

Trunking size mm	2m long colour white
50 x 50	TLSL/050/CPVC



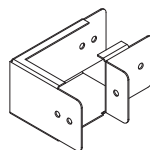
Tee top lid

Trunking size mm	
50 x 50	TLTT/050/050/PG/S



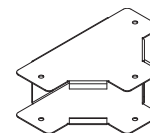
90° Bend top lid

Trunking size mm	
50 x 50	TLTB/050/050/PG/S90



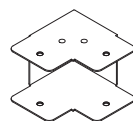
Tee inside lid

Trunking size mm	
50 x 50	TLIT/050/050/PG/G



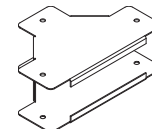
90° Bend inside lid

Trunking Size mm	
50 x 50	TLIB/050/050/PG/S90



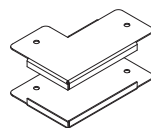
Tee outside lid

Trunking size mm	
50 x 50	TLOT/050/050/PG/G



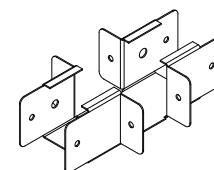
90° Bend outside lid

Trunking Size mm	
50 x 50	TLOB/050/050/PG/S90



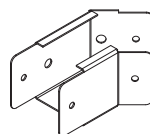
Crossover

Trunking size mm	
50 x 50	TLCO/050/050/PG/S



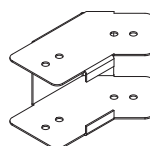
45° Bend top lid

Trunking size mm	
50 x 50	TLTB/050/050/PG/G45



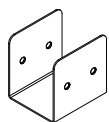
45° Bend inside lid

Trunking size mm	
50 x 50	TLIB/050/050/PG/G45



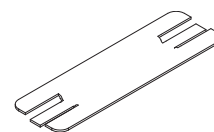
Connector

Trunking size mm	
50 x 50	TC/050/050/PG



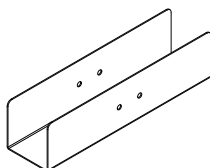
Cable retainer

Trunking size mm	Pack of 10
50 x 50	TCR/050/050/PG



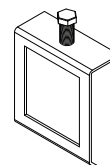
Long connector

Trunking size mm	
50 x 50	TLC/050/050/PG



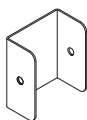
Beam clamp

Trunking size mm	
50 x 50	TLBC/050/050



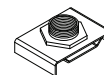
Stop end

Trunking size mm	
50 x 50	TSE/050/050/PG



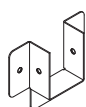
Suspension fitting

Trunking size mm	Pack of 10
50 x 50	TLA1



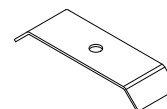
Flange

Trunking size mm	
50 x 50	TFL/050/050/PG



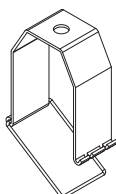
Klik adaptor

Trunking size mm	Pack of 10
50 x 50	TKA



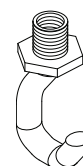
Stirrup hanger

Trunking size mm	
50 x 50	TLSH/10 11mm hole
50 x 50	TLSH/20 22mm hole



Hook

Trunking size mm	Pack of 10
50 x 50	TMSH



Product range summary

Manufacturing solutions

Metstrut manufactures a broad range of cable management products that includes Cable Tray, Cable Ladder, Cable Trunking, Metal Framing and Rapid Installation systems.

Centrally located within the West Midlands close to major motorway networks, Metstrut is able to offer a National service through major electrical and mechanical distributors.

With over 10,000 m² of manufacturing and warehouse space, and state of the art equipment, a strong emphasis is placed on service, and a high level of 'on-time in-full' delivery performance is maintained.

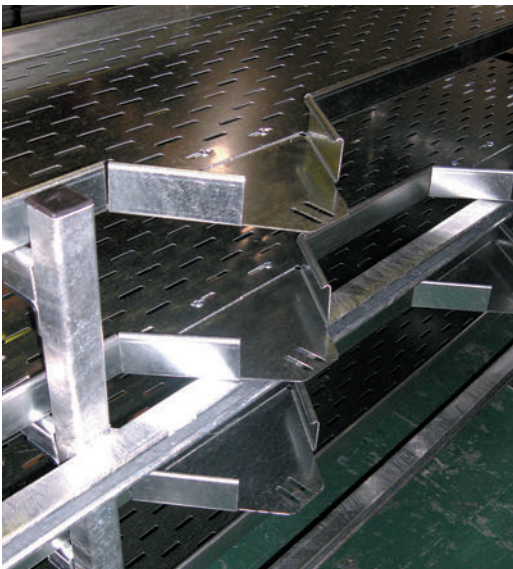
Comprehensive stocks are carried at all times and replenished through lean manufacturing principles.

With the ever-increasing demand from clients for value added products and services, Metstrut offers a comprehensive pre-fabrication facility that ranges from cut lengths of channel to bolted or welded frames both in 2D and 3D configuration. Cable tray, ladder and trunking can be pre-installed if required. This allows the contractor to schedule his requirements to overcome space and labour restrictions on site. Waste is also greatly reduced and site safety enhanced.



Significant cost savings can be achieved by opting for prefabrication off site and skilled electricians are released to do what they are best at.

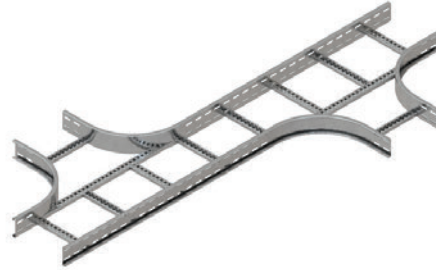
Metstrut also offers a full design service for its products and services to ensure the correct selection is made for the most cost effective solution. When required, CAD drawings are produced to ensure a full understanding of the solution is achieved.



Product range

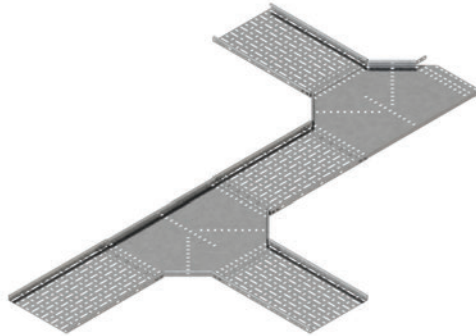
Cable ladder systems

Metstrut cable ladder systems are widely accepted due to their strength to weight ratio and simplicity of design. Easily installed and with a comprehensive range of accessories, Metstrut cable ladder systems can be found in applications throughout the UK, Ireland and mainland Europe.



Cable tray systems

Metstrut cable tray systems have been designed after considerable consultation with end users and installers to arrive at a final design that satisfies all of their requirements. Each cable tray range features a unique slotting pattern in the base and the return flange ranges have slotted sides. Additionally, each tray range has the same footprint to aid setting out when final loadings are not yet available.



Cable trunking systems

Metstrut cable trunking systems are available as standard distribution trunking and also as lighting trunking. Manufactured on state of the art computer controlled equipment with a high level of automation, Metstrut cable trunking is of economic design to provide competitive solutions.



Metal framing systems

Metstrut offers the traditional channel system in a variety of profiles and gauges with a large range of fittings and fasteners. The fully tested system can be reliably used for a wide application base for the support of mechanical and electrical services.



A Rapid Installation version is also available with a unique channel profile and pre-assembled fittings with integral fixings. By using this product range, installation times are drastically reduced.

Both systems can be fully integrated for total flexibility.

