

Return Edge
Cable Trunking
Technical Information

Khereiji Showrooms Co.ltd

RETURN EDGE TRUNKING SYSTEM

STANDARD TRUNKING

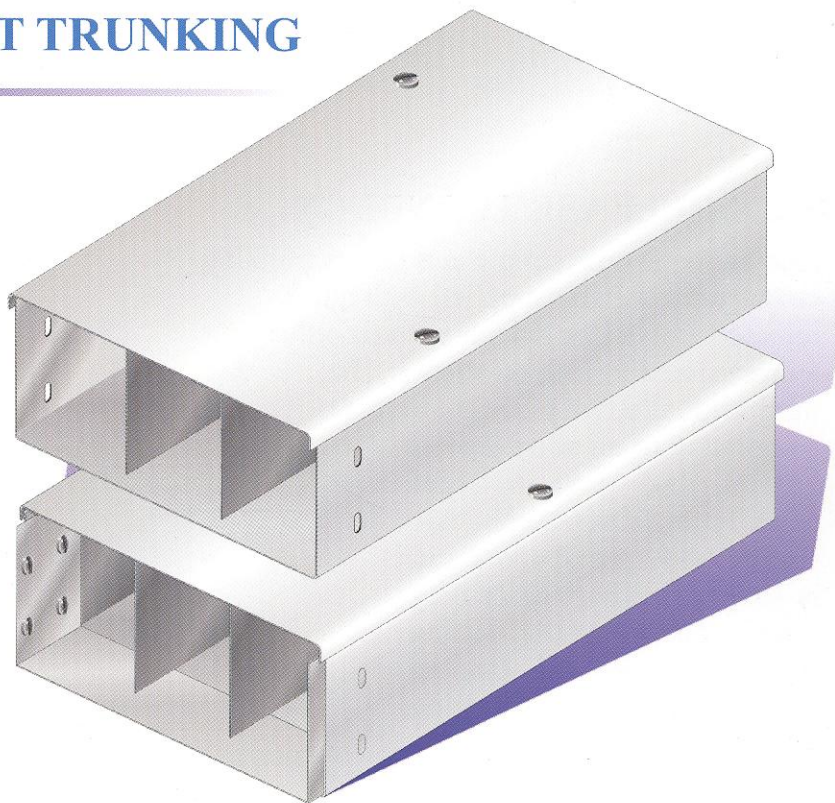
KSC's Return Edge Cable Trunking complies with BS4678 part 1 class 3, and manufactured from prime hot-dipped galvanised sheet steel to a number of standard sizes and can be epoxy painted to customer's colour specification. Available in 2M or 2.44M standard lengths, the trunking is supplied complete with covers. However, many variations and options are available upon request.

Tinned copper earth continuity links are also Supplied.



MULTI COMPARTMENT TRUNKING

MULTI-COMPARTMENT TRUNKING based on standard sizes is produced to order. When unequal compartments are required, the trunking can be manufactured to customer precise specification. Partitions are spot-welded into position to produce the necessary compartments.

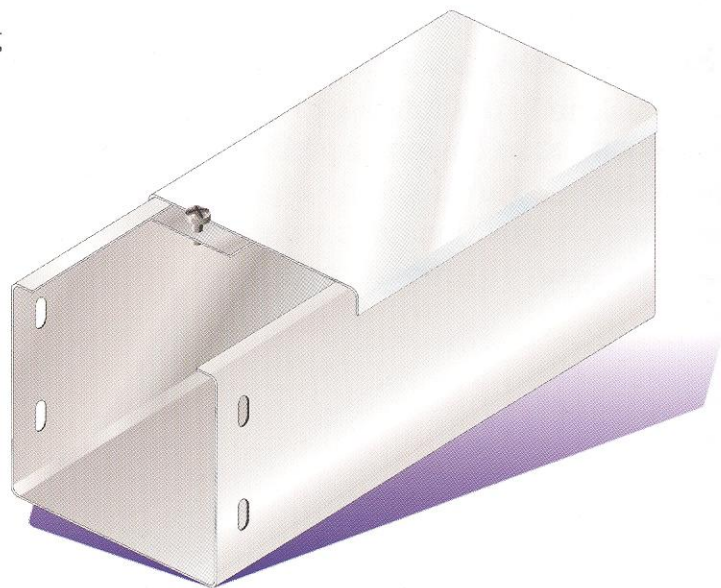


1. STANDARD TURNBUCKLE TRUNKING

Trunking sizes	2.44 Mtr Galvanised	2.00 Mtr Galvanised	3.00 Mtr Galvanised	2.44 Mtr Epoxy	2.00 Mtr Epoxy	3.00 Mtr Epoxy
50 x 50	R/5050	R2/5050	R3/5050	R/5050/P	R2/5050/P	R3/5050/P
75 x 50	R/5075	R2/5075	R3/5075	R/5075/P	R2/5075/P	R3/5075/P
75 x 75	R/7575	R2/7575	R3/7575	R/7575/P	R2/7575/P	R3/7575/P
100 x 50	R/1050	R2/1050	R3/1050	R/1050/P	R2/1050/P	R3/1050/P
100 x 75	R/1075	R2/1075	R3/1075	R/1075/P	R2/1075/P	R3/1075/P
100 x 100	R/1010	R2/1010	R3/1010	R/1010/P	R2/1010/P	R3/1010/P
150 x 50	R/1550	R2/1550	R3/1550	R/1550/P	R2/1550/P	R3/1550/P
150 x 75	R/1575	R2/1575	R3/1575	R/1575/P	R2/1575/P	R3/1575/P
150 x 100	R/1510	R2/1510	R3/1510	R/1510/P	R2/1510/P	R3/1510/P
150 x 150	R/1515	R2/1515	R3/1515	R/1515/P	R2/1515/P	R3/1515/P
200 x 100	R/2010	R2/2010	R3/2010	R/2010/P	R2/2010/P	R3/2010/P
225 x 50	R/2250	R2/2250	R3/2250	R/2250/P	R2/2250/P	R3/2250/P
225 x 75	R/2275	R2/2275	R3/2275	R/2275/P	R2/2275/P	R3/2275/P
225 x 100	R/2210	R2/2210	R3/2210	R/2210/P	R2/2210/P	R3/2210/P
225 x 150	R/2215	R2/2215	R3/2215	R/2215/P	R2/2215/P	R3/2215/P
225 x 225	R/2222	R2/2222	R3/2222	R/2222/P	R2/2222/P	R3/2222/P
300 x 50	R/3050	R2/3050	R3/3050	R/3050/P	R2/3050/P	R3/3050/P
300 x 75	R/3075	R2/3075	R3/3075	R/3075/P	R2/3075/P	R3/3075/P
300 x 100	R/3010	R2/3010	R3/3010	R/3010/P	R2/3010/P	R3/3010/P
300 x 150	R/3015	R2/3015	R3/3015	R/3015/P	R2/3015/P	R3/3015/P
300 x 300	R/3030	R2/3030	R3/3030	R/3030/P	R2/3030/P	R3/3030/P

QUICK RELEASE TURNBUCKLE

Installation is both simple and fast as trunking covers are normally supplied with quick release turnbuckles which require only a quarter turn to lock or release. The turnbuckle is a two piece component comprising of an alloy diecast button and carbon steel pawl. Fitting a new turnbuckle requires no special tools and is simply a matter of drilling a 8mm diameter hole. Fitting the turnbuckle and tapping down the turnbuckle locking pin.



2. SCREW TYPE TRUNKING

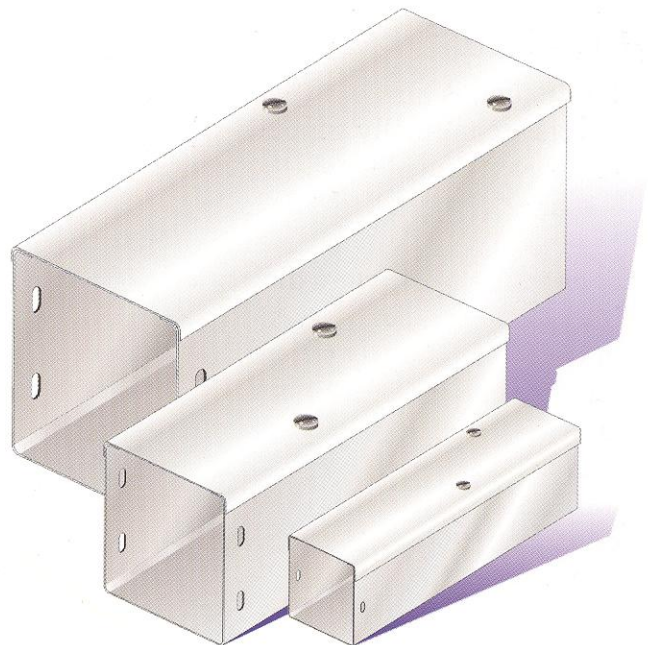
Trunking sizes	2.44 Mtr Galvanised	2.00 Mtr Galvanised	3.00 Mtr Galvanised	2.44 Mtr Epoxy	2.00 Mtr Epoxy	3.00 Mtr Epoxy
50 x 50	RS/5050	RS2/5050	RS3/5050	RS/5050/P	RS2/5050/P	RS3/5050/P
75 x 50	RS/5075	RS2/5075	RS3/5075	RS/5075/P	RS2/5075/P	RS3/5075/P
75 x 75	RS/7575	RS2/7575	RS3/7575	RS/7575/P	RS2/7575/P	RS3/7575/P
100 x 50	RS/1050	RS2/1050	RS3/1050	RS/1050/P	RS2/1050/P	RS3/1050/P
100 x 75	RS/1075	RS2/1075	RS3/1075	RS/1075/P	RS2/1075/P	RS3/1075/P
100 x 100	RS/1010	RS2/1010	RS3/1010	RS/1010/P	RS2/1010/P	RS3/1010/P
150 x 50	RS/1550	RS2/1550	RS3/1550	RS/1550/P	RS2/1550/P	RS3/1550/P
150 x 75	RS/1575	RS2/1575	RS3/1575	RS/1575/P	RS2/1575/P	RS3/1575/P
150 x 100	RS/1510	RS2/1510	RS3/1510	RS/1510/P	RS2/1510/P	RS3/1510/P
150 x 150	RS/1515	RS2/1515	RS3/1515	RS/1515/P	RS2/1515/P	RS3/1515/P
200 x 100	RS/2010	RS2/2010	RS3/2010	RS/2010/P	RS2/2010/P	RS3/2010/P
225 x 50	RS/2250	RS2/2250	RS3/2250	RS/2250/P	RS2/2250/P	RS3/2250/P
225 x 75	RS/2275	RS2/2275	RS3/2275	RS/2275/P	RS2/2275/P	RS3/2275/P
225 x 100	RS/2210	RS2/2210	RS3/2210	RS/2210/P	RS2/2210/P	RS3/2210/P
225 x 150	RS/2215	RS2/2215	RS3/2215	RS/2215/P	RS2/2215/P	RS3/2215/P
225 x 225	RS/2222	RS2/2222	RS3/2222	RS/2222/P	RS2/2222/P	RS3/2222/P
300 x 50	RS/3050	RS2/3050	RS3/3050	RS/3050/P	RS2/3050/P	RS3/3050/P
300 x 75	RS/3075	RS2/3075	RS3/3075	RS/3075/P	RS2/3075/P	RS3/3075/P
300 x 100	RS/3010	RS2/3010	RS3/3010	RS/3010/P	RS2/3010/P	RS3/3010/P
300 x 150	RS/3015	RS2/3015	RS3/3015	RS/3015/P	RS2/3015/P	RS3/3015/P
300 x 300	RS/3030	RS2/3030	RS3/3030	RS/3030/P	RS2/3030/P	RS3/3030/P

SCREW FIX

Trunking Return Edges are fixed with captive nuts to ensure wires protection from cover screws.

SELF SCREW FIX

Trunking is available with self screw also. Please add S after RS to indicate self screw. Eg. RSS/5050.



MULTI COMPARTMENT TRUNKING

The part number of multi compartment system will exactly the same of single compartment except adding number of compartment at the end of the code number.

E.G 1. RS2/7575/2C

RS2 = 2M long screw type galvanised trunking

7575 = width x height (75 x 75) mm of the trunking

2C = Two compartment

E.G 2. R/1510/P/3C

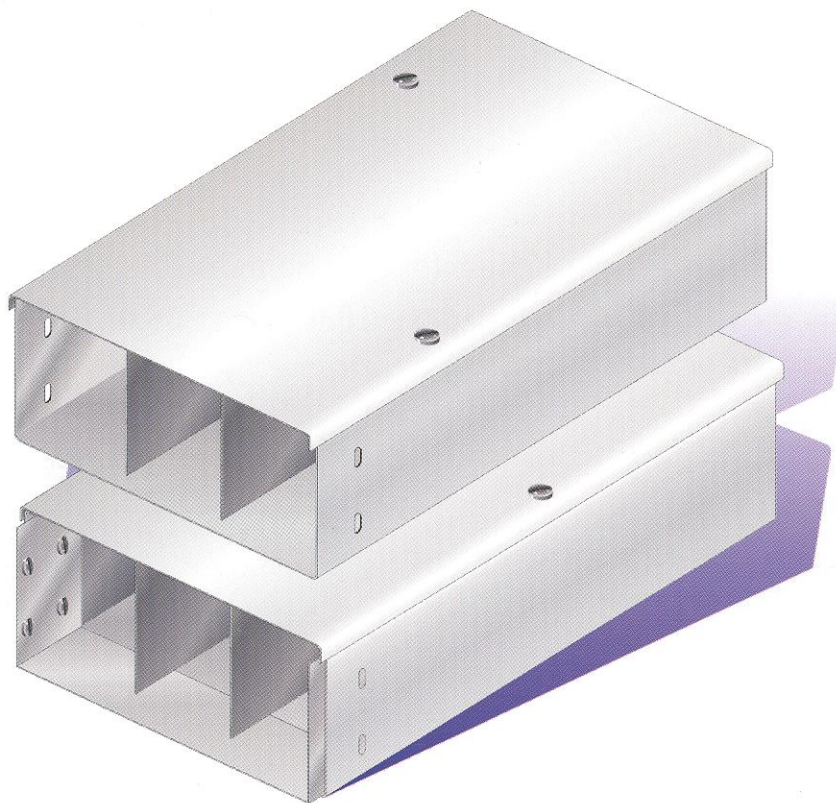
R = 2.44m long turn buckle type trunking

1510 = width x height 150 x 100mm trunking

P = Painted finish

3C = 3 compartment trunking

- Unless otherwise requested by the customer, the multi compartment will be divided equally of the width.



STANDARD THICKNESS

Trunking size mm	Min. Body Thickness	Min. Cover Thickness
50 x 50	1.0	1.0
75 x 50	1.2	1.2
75 x 75	1.2	1.2
100 x 50	1.2	1.2
100 x 75	1.2	1.2
100 x 100	1.2	1.2
150 x 50	1.2	1.2
150 x 75	1.2	1.2
150 x 100	1.2	1.2
150 x 150	1.4	1.2
200 x 100	1.6	1.4
225 x 50	1.6	1.4
225 x 75	1.6	1.4
225 x 100	1.6	1.4
225 x 150	1.6	1.4
225 x 225	1.6	1.4
300 x 50	1.6	1.6
300 x 75	1.6	1.6
300 x 100	1.6	1.6
300 x 150	1.6	1.6
300 x 300	2.0	1.6

- Trunking system complies with BS 4678 Part 1, Class 3 for minimum thickness of body and cover.
- For multi compartment trunking partitions nominal thickness is 1.0mm.
- Prime hot dip zinc coated sheet steel to BS 2989.

Cable capacities of standard trunking

Trunking Size	Conductor Size Sq.mm											
	1.0	1.5	2.5	4.0	6.0	10.0	16.0	25.0	35.0	50.0	70.0	95.0
50 x 50	138	123	98	67	52	33	24	16	12	9	7	5
75 x 50	208	185	148	101	79	51	37	24	18	13	10	7
75 x 75	312	278	221	152	118	76	65	37	28	20	16	11
100 x 50	277	247	197	135	95	67	49	39	25	18	14	10
100 x 75	516	370	296	203	158	101	74	49	37	27	21	15
100 x 100	555	484	394	271	211	135	98	66	50	37	28	21
150 x 50	416	370	296	203	158	101	74	49	37	27	21	15
150 x 75	624	556	443	304	237	152	111	74	56	41	32	24
150 x 100	833	741	592	406	316	203	148	99	75	55	42	31
150 x 150	1250	1112	888	609	475	305	222	145	112	83	54	47

TRUNKING ACCESSORIES

Standard fittings are supplied with captive nuts for covers. Each type of accessories has a common coding such as M99 for 90 deg. Gussett Bend. The use of suffix /T /I /O denotes the lid fixing position. Components M99/T can therefore be incorporated into a complete coding as M99/T/5050.

Bends & Tees

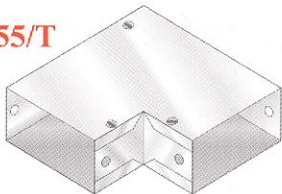
Cover on top

Cover on inside

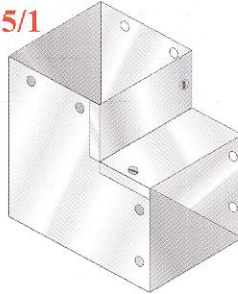
Cover on outside

90deg Bend

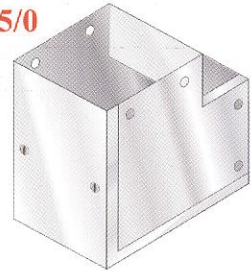
M 55/T



M 55/I

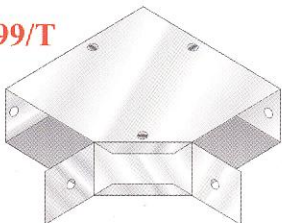


M 55/O

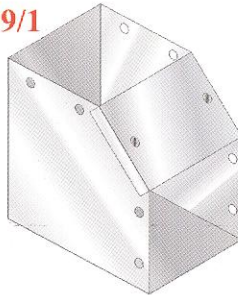


90deg Gusset Bend

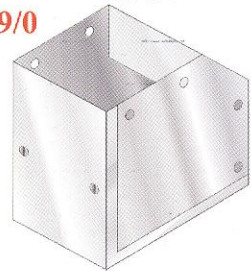
M 99/T



M 99/I

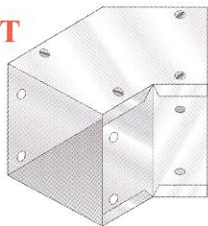


M 99/O

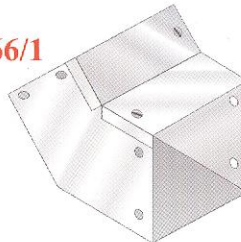


45deg Bend

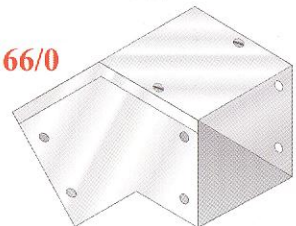
M 66/T



M 66/I

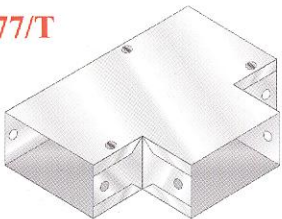


M 66/O

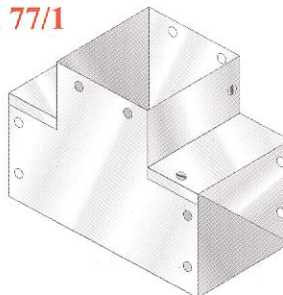


Tee-piece

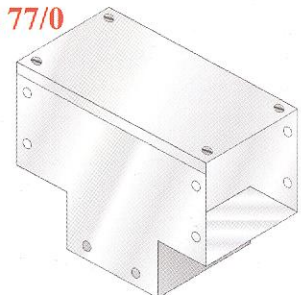
M 77/T



M 77/I

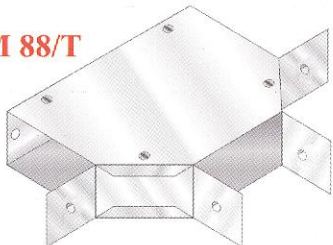


M 77/O

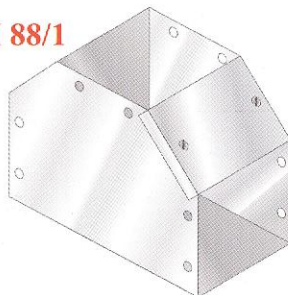


Gusset Tee-piece

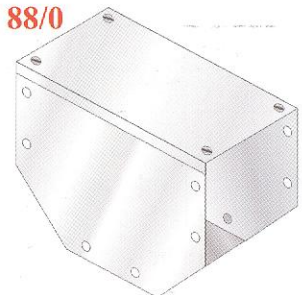
M 88/T



M 88/I



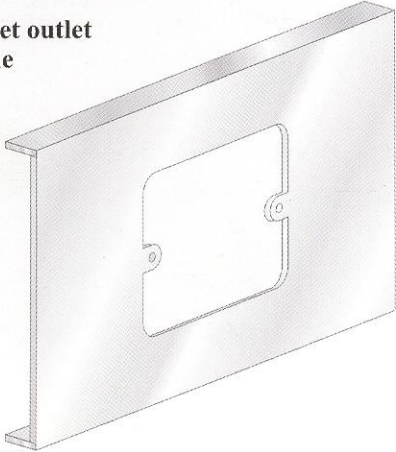
M 88/O



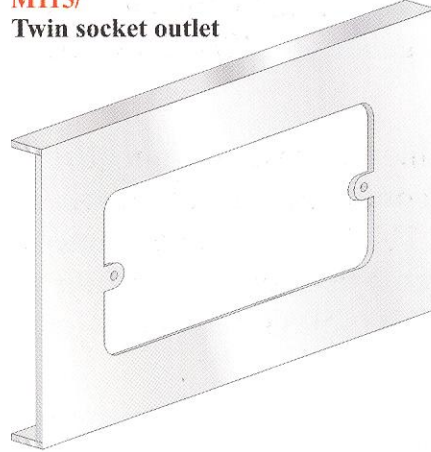
Socket Outlet plates

Socket outlet punchings can be supplied in short cover sections for trunking widths of 100mm and above. please specify trunking width A and use suffix /G or /P to complete component finish references. The single socket outlet plate accepts the most commonly used power and telephone outlets. Plates can be made to order to suit special requirements.

M114/
Single socket outlet
or telephone

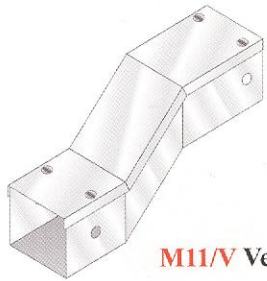


M115/
Twin socket outlet

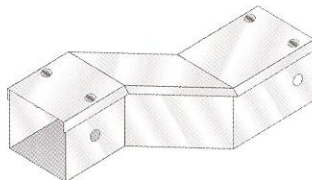


Offsets

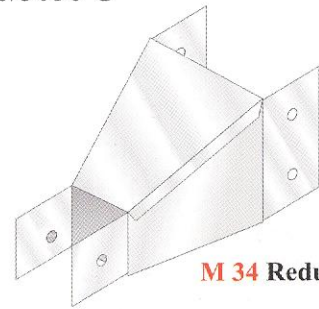
When ordering offsets, specify dimensions I or H as well as size of trunking e.g. M 11/V/5050/G,L=125mm. When ordering reducers, use both component sizes in reference: e.g. M 34/1010/5050 G



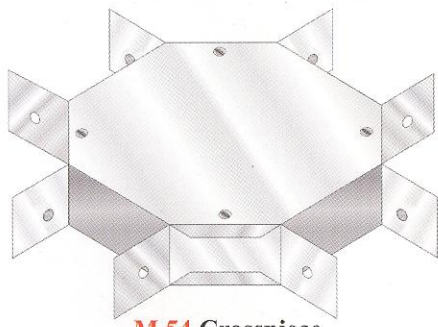
M11/V Vertical offset



M11/H Horizontal offset



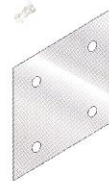
M 34 Reducer



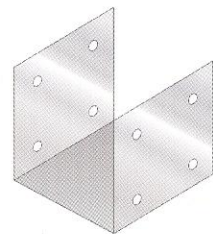
M 54 Crosspiece



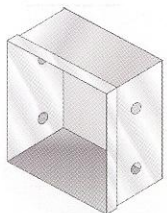
TL/70 Tinned Copper Link



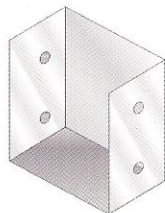
M 20 Standard
"Fish Plate" connector



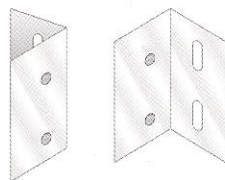
M 22 Standard
connector



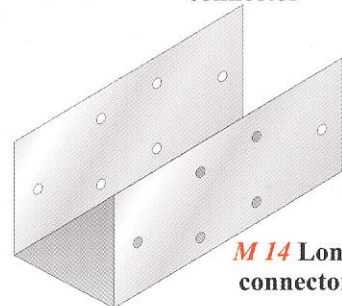
M 24 Smooth bore bush



M 33 block end



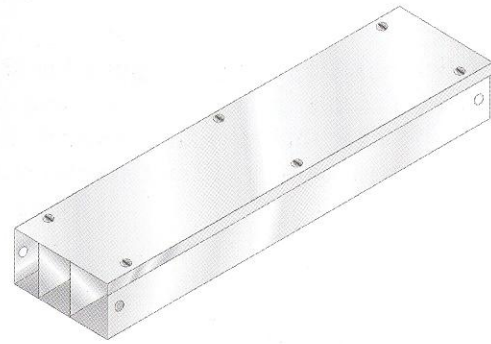
M 44 Flanged connector



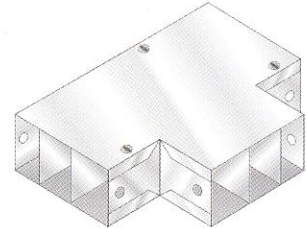
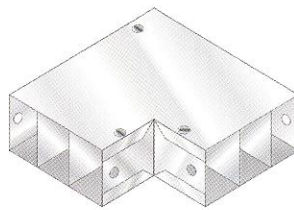
M 14 Long
connector

MULTI COMPARTMENT TRUNKING

Use the same coding as for single compartment trunking, and for equal compartment trunking. simply add the suffixes 2C/3C etc. E . G . 2 M T R l e n g t h . 150X50MM 2 equal compartment trunking, galanised R2/1550/G/2C



In the case of unequal compartments, use suffix /2U/3U etc. and state compartment sizes. E.G. R2/1550/G/2U/100/50



BRIDGE PIECE ARRANGEMENT

Where the use of flyover is too restrictive, the bridge piece offers an easy solution for cable separation.

