

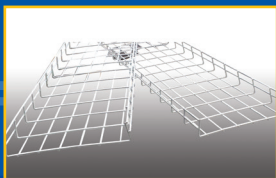


Select



EVEREST METAL INDUSTRIES L.L.C.

Manufacturers of
Cable Management Systems



Building Relationships



(Listed Products)

Series 6' 15

Introduction

Our aim at Everest Metal Industries LLC (EMI) is to offer a high quality, competitively priced Cable Management System for the Electrical Market.

Today's Electrical installers requirements are wide and varied and EMI Cable Management Systems are ideally placed to meet these needs. Whatever Cable Support System is required, EMI Cable Management Systems offers a system that will provide the solution to the clients needs.

Light weight Cable Trunking, Single or Multi-Compartment, Perforated Trays and Cable Ladders, Floor Trunking, Wire Mesh are available in standard sizes can be manufactured and also to the client requirements. Metal Framing supports are also available with wide range of bracketory.

EMI factory is located in the Industrial area in Dubai Investment Park-2 and ideally located to service to the whole of the United Arab Emirates having sales offices in Dubai, Abu Dhabi & Other Gulf Countries.



Our staff have been selected from their wealth of experience covering Electrical, Mechanical, and Civil Engineering disciplines.

EMI was formed to provide high quality product to service the Electrical and Mechanical installers in the U.A.E. as well as the rest of the Gulf States. Etisalat, ADNOC, ADWEA, DEWA have already used our product ranges. Contractors from all over the region have used EMI Product from Electrical sub-station to Shopping Malls, the Residential Building to Commercial Building, Pumping Station to Airport & Marine Industries etc.

Only prime quality material bought directly from overseas mills is used to produce our Trunking, Ladder and Perforated Tray Products.

EMI QUALITY POLICY

The DRIVING FORCE in the successful performance of EMI is the incorporation of quality into all our products, equipment and services.

Our policy is to always attain, and wherever possible, exceed the standards expected by our customers. This can only be achieved by developing, establishing and maintaining a Quality Management System that encompasses all of our personnel and activities.

The Quality Program, as described in this manual, has been approved by all levels of management for issue and implementation within the company. The purpose of this program is to ensure that all products, services and equipment provided will meet or exceed the requirements specified by our customers, by appropriate controlling documents and as set forth by corporate management.

EMI will continually improve the Quality Management System.

Each department is required to implement the Quality Program in its area of responsibility. The Director shall resolve conflicts that cannot be resolved by the Quality Manager and department managers.

Resolution of such conflicts shall be in accordance with the requirements of controlling documents and this Quality Manual. I fully support and approve this program.

Everest Metal Industries L.L.C.



CERTIFICATE

Management system as per
EN ISO 9001 : 2008

In accordance with TÜV NORD CERT procedures, it is hereby certified that

EVEREST METAL INDUSTRIES LLC
Dubai Investment Park - 2
P. O. Box 14204, Dubai
United Arab Emirates



applies a management system in line with the above standard for the following scope

Manufacturers of Cable Management Systems

Certificate Registration No. 44 100 066324
Audit Report No. 5800 2762

Valid from 2013-01-27
Valid until 2016-01-28
Initial certification 2008


Certification Body
at TÜV NORD CERT GmbH

Abu Dhabi, 2014-11-18

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH Langemarckstraße 20 45141 Essen www.tuev-nord-cert.com


Deutsche
Akreditierungsstelle
D-28199 Bremen

CERTIFICATE OF COMPLIANCE

Certificate Number	20140612-E469098
Report Reference	E469098-20140611
Issue Date	2014-JUNE-12

Issued to: EVEREST METAL INDUSTRIES L L C
Po Box 14204
Dubai UNITED ARAB EMIRATES

This is to certify that representative samples of

CABLE TRAY SYSTEMS AND CABLE LADDER SYSTEMS CERTIFIED TO IEC PUBLICATIONS
CABLE TRAY SYSTEMS- CT-900/3/20HG, CT-600/3/15SS.

CABLE LADDER SYSTEMS- L3-900/3/20HG, L2-900/3/20MP, L3-600/3/15C, L3-900/3/20SS.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.


Standard(s) for Safety: Cable management – Cable tray systems and cable ladder systems, IEC 61537

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information


Only those products bearing the UL Classification Mark should be considered as being covered by UL's Classification and Follow-Up Service.

The UL Classification Mark includes: UL in a circle; with the word "CLASSIFIED" (as shown); a control number (may be alphanumeric) assigned by UL; a statement to indicate the extent of UL's evaluation of the product; and the product category name (product identity) as indicated in the appropriate UL Directory.

Look for the UL Classification Mark on the product.

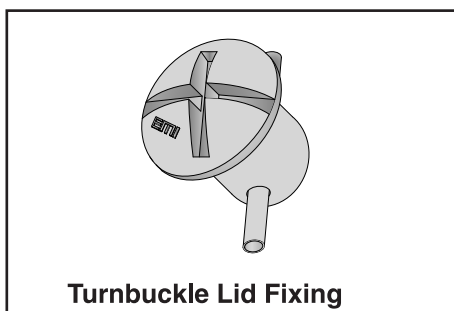
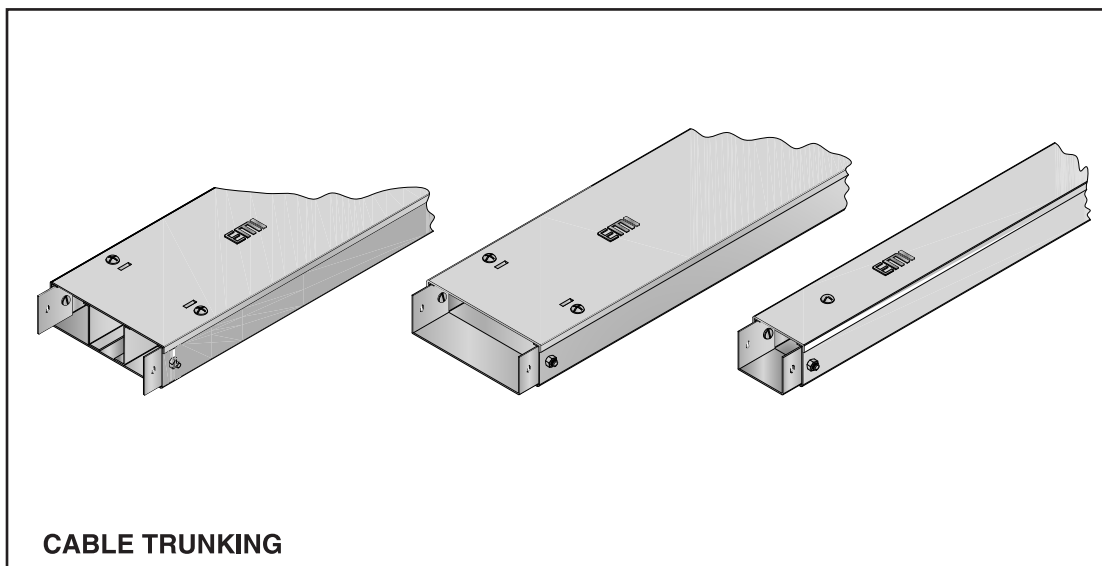

William R. Carney, Director, North American Certification Programs
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at info@ul.com



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EMI - Trunking G.I. Trunking System



Standard Surface Trunking

EMI Trunking is designed to provide a simple method of containing lightweight and structured cables. It is designed to meet all the requirements of BS 4678 & BS 50085. We offer a comprehensive range of standard Surface Trunking in single or multi-compartment.

Both the Trunking and the body are supplied in 3 metre lengths complete with coupler and all necessary fixing screws.

EMI uses complete weldless joints and fixing arrangement. The system also ensures earth continuity between body & lid and take care of any variation in the sheet thickness & keep the lid & body fully secured.

A wide range of Fittings and Accessories are also available to complement and complete the range.

Product guide on Page 6 of this catalogue.

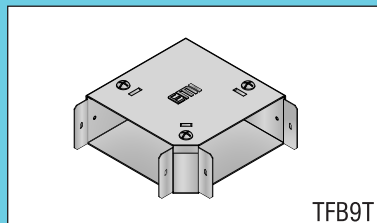
Materials & Finishes

- Pre-Galvanized zinc coated steel JIS G3302 equivalent to BS EN 10142, (BS EN 10142 supersedes BS2989), ASTM A653.
- Pre-Galvanized zinc coated steel JIS G3302 equivalent to BS EN 10142, (BS EN 10142 supersedes BS2989), ASTM A653 with Epoxy Powder Coating with minimum film thickness 60 microns after fabrication.
- Hot dip galvanized with using Hot Rolled Steel to BS 10149-3: 1996, Cold Rolled Steel to BSEN 10130:2006 then post galvanizing as per BS EN 1461 (Formerly BS729), ASTM-A123.
- Stainless Steel Sheet to ASTM A240 type 304, 316L.
- Aluminum Grade AA1100.

Note:

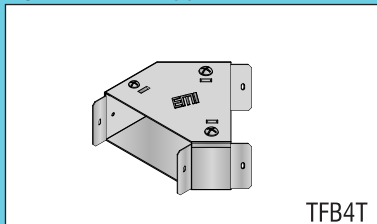
1. All drawings are for indicative purpose only. EMI reserves the right to change product dimensions, specifications and details at any time without notice. All dimensions and material specification subject to commercial tolerance within published specification.
2. We reserve the right to make specification changes without notice. All dimensions and material specification subject to commercial tolerance within published specification. EMI reserves the right to change product dimensions and details at any time without notice.
3. EMI reserves the right to change perforation patterns without prior notice.
4. Technical drawings for all product can be provided on the request.

EMI G.I. Trunking Fittings & Accessories



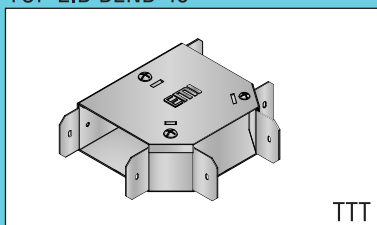
TFB9T

TOP LID BEND 90°



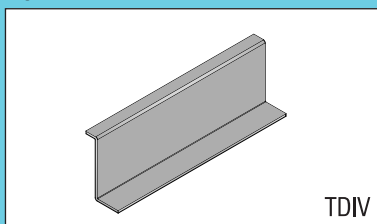
TFB4T

TOP LID BEND 45°



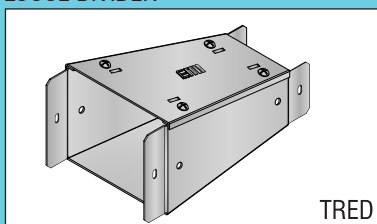
TTT

TOP LID TEE



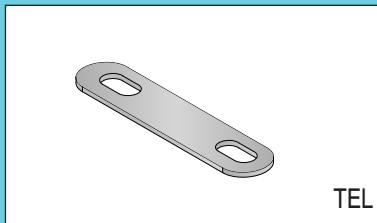
TDIV

LOOSE DIVIDER



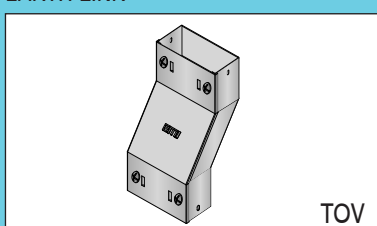
TRED

FLARED REDUCER



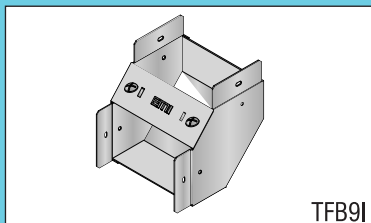
TEL

EARTH LINK



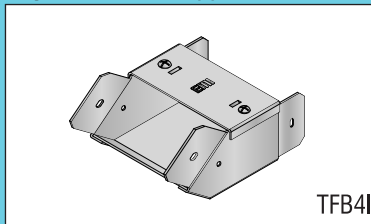
TOV

VERTICAL OFFSET



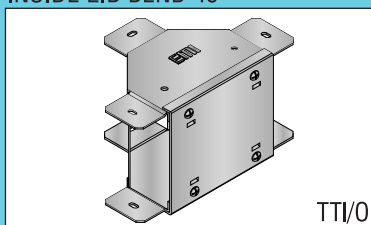
TFB9I

INSIDE LID BEND 90°



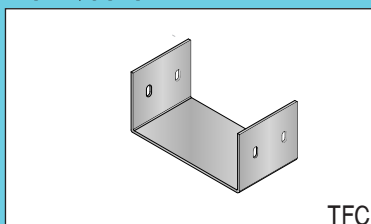
TFB4I

INSIDE LID BEND 45°



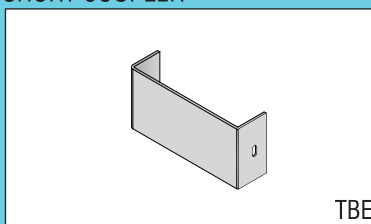
TTI/O

INSIDE/OUTSIDE TEE



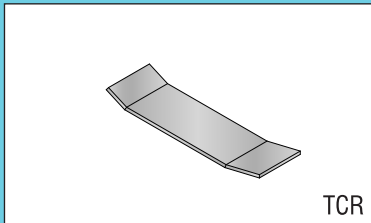
TFC

SHORT COUPLER



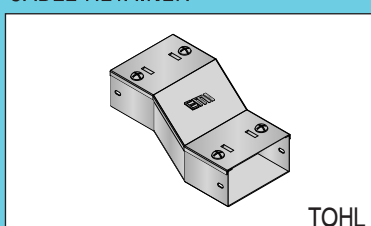
TBE

BLANK END



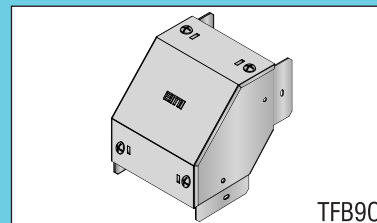
TCR

CABLE RETAINER



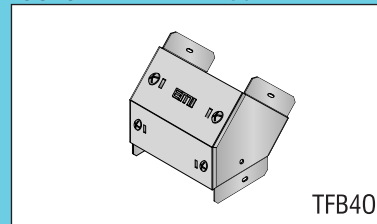
TOHL

HORIZONTAL OFFSET-LEFT HAND



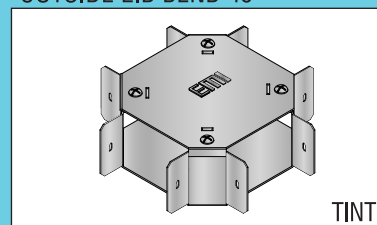
TFB9O

OUTSIDE LID BEND 90°



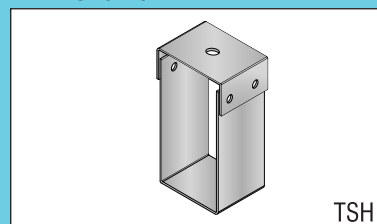
TFB4O

OUTSIDE LID BEND 45°



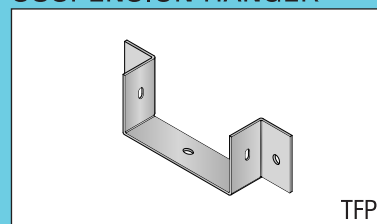
TINT

INTERSECTION



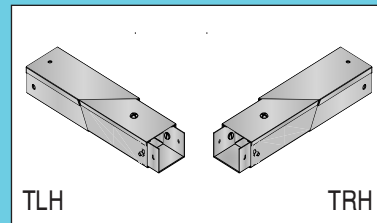
TSH

SUSPENSION HANGER



TFP

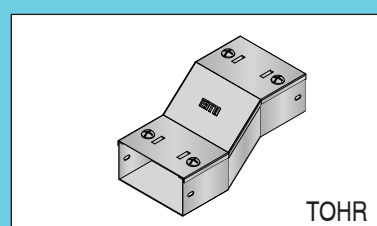
FLANGED END



TLH

TRH

LEFT HAND FACE OFF RIGHT HAND FACE OFF



TOHR

HORIZONTAL OFFSET-RIGHT HAND

Product Guide

Trunking Size (Width x Height x Thickness)		50 x 50 x 1.0	75 x 50 x 1.2	100x50 x 1.2	150 x 50 x 1.2	75 x 75 x 1.2	100x75 x 1.2	150x75 x 1.2	100 x 100 x 1.2	150 x 100 x 1.2	150 x 150 x 1.5
Product Description	Part No.										
Straight Length 3 mtr	TSL	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
90 deg Bend Top Lid	TFB9T	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
90 deg Bend Inside Lid	TFB9I	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
90 deg Bend Outside Lid	TFB9O	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
45 deg Bend Top Lid	TFB4T	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
45 deg Bend Inside Lid	TFB4I	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
45 deg Bend Outside Lid	TFB4O	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Tee Top Lid	TTT	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Tee Inside/Outside Lid	TTI/TTO	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Intersection Top Lid	TINT	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Blank End	TBE	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Flange Plate	TFP	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Flared Reducer	TRED	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Vertical Offset	TOV	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Cable Retainer	TCR	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Suspension Hanger	TSH	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Coupler	TFC	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Loose Divider	TDIV	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Right Hand Face Off	TRH	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Left Hand Face Off	TLH	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Horizontal Offset-Left Hand	TOHL	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Horizontal Offset-Right Hand	TOHR	/22	/32	/42	/ 62	/33	/43	/63	/44	/64	/66
Spare Turnbuckle	TTB										
Earth Link	TEL										
Screw and Nuts	HWSET										

Please note that when ordering multi-compartment trunking add /2 or /3 after the part numbers to denote 2 or 3 compartments Trunking
ie 100 x 100 x 3 compartment = **TSL/44/1.0-3C**

Thicknesses above conform to BS 4678 table 1. **Other sizes and thicknesses can be supplied on request.**

EMI G.I. Trunking

Trunking General Information

All EMI Trunking is available in a range of thicknesses from 0.8mm to 2.0mm and is available in 1,2,3 or 4 compartments.

In addition we can offer in alternative metal such as Stainless Steel to Grades 304 or 316 (L) and Aluminium. We can also offer in a variety of surface coating finishes such as Epoxy or Powder Coating.

Trunking Loading Capacity Table

Trunking (Width x Height x Thickness)		Cable size mm ²										
Size	Capacity	Solid Cable mm ²		Stranded Cables mm ²								
W x H		1.5	2.5	1.5	2.5	4	6	10	16	25	35	50
50 x 50	1032	146	101	128	90	68	45	28	20	13	10	7
75 x 50	1553	219	152	191	136	102	67	42	30	20	16	11
100 x 50	2090	294	205	258	183	137	91	57	41	27	22	15
150 x 50	3159	445	310	390	277	208	138	87	62	41	33	23
75 x 75	2368	333	232	292	207	155	103	65	47	31	24	17
100 x 75	3187	449	312	393	279	209	139	87	63	42	33	24
150 x 75	4741	668	465	585	416	312	207	130	94	62	49	35
100 x 100	4250	598	416	524	372	279	185	117	84	56	44	32
150 x 100	6393	900	626	789	560	420	279	176	127	84	67	48
150 x 150	9695	1365	950	1197	850	637	423	267	192	128	102	73
Common Cable Factor		7.1	10.2	8.1	11.4	15.2	22.9	36.3	50.3	75.4	95	133

This table shows the number of same sized cables that can be used in a length of Trunking. For mixed sizes of cables you must first determine the Common Cable Capacity Factor then locate the appropriate larger Trunking size.

Example;

Cable being used are 20 x 10mm² Stranded plus 25 x 2.5mm² Stranded plus 55 x 2.5mm² Solid.

$$20 (10 \text{ mm}^2) \times 36.3 = 726$$

$$25 (2.5 \text{ mm}^2) \times 11.4 = 285$$

$$55 (2.5 \text{ mm}^2) \times 10.2 = 561$$

$$\text{Total Capacity} = 1572$$

Therefore nearest Trunking size to suit is 100x50