

Steel Elbows

Electrical Metallic Tubing (EMT)

Submittal Data Sheet



Electrical Metallic Tubing (EMT)— Steel Elbows Conform With:

- UL Standard for Electrical Metallic Tubing—Steel, UL 797
- National Electrical Code® 2008 Article 358
- Manufactured in accordance with ANSI® C80.3 and federal specifications WW-C-563

Electrical Metallic Tubing (EMT)— Steel Elbows:

- May be used where not subject to severe physical damage
- Permitted for exposed and concealed work
- Permitted for installation in concrete, in direct contact with the earth
- Permitted in areas of severe corrosive influences where protected by corrosion protection and judged suitable for the condition
- Permitted in or under cinder concrete or fill where subject to permanent moisture when protected on all sides by a layer of non-cinder concrete not less than 2" (50 mm) thick or with corrosion protection judged suitable for the condition
- May be used with aluminum fittings and enclosures when not subject to severe corrosive influences

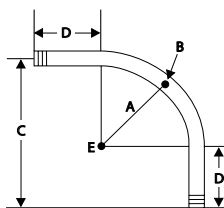
EMT DIMENSIONS

TRADE SIZE	Metric Designator	Outside Diameter*	Inside Diameter*	Wall*
1/2	16	0.706	0.622	0.042
3/4	21	0.922	0.824	0.049
1	27	1.163	1.049	0.057
1 1/4	35	1.510	1.380	0.065
1 1/2	41	1.740	1.610	0.065
2	53	2.197	2.067	0.065
2 1/2	63	2.875	2.731	0.072
3	78	3.500	3.560	0.072
3 1/2	91	4.000	3.834	0.083
4	103	4.500	4.334	0.083

* Outside diameter subject to UL 797 tolerances
 ** For information only, not a UL 797 requirement

DIMENSIONS OF SPECIAL LARGE RADIUS 90° ELBOWS

TRADE SIZE	1-2 1/2	1-3	1-4	1-4	1-5	1-6	1-6	1-6
When radius "A" is:	12"	15"	18"	24"	30"	36"	42"	48"
Offset "C" is:	1' 9"	2' 0"	2' 4"	2' 11"	3' 5"	3' 11"	4' 6"	5' 0"
Straight end "D" is:	9"	9"	10"	11"	11"	11"	12"	12"
Length unbent is:	3' 0"	3' 6"	4' 0"	4' 11"	5' 9"	6' 6"	7' 6"	8' 4"



SUBMITTAL INFORMATION

PROJECT:

CONTRACTOR:

DATE:

ENGINEER:

SPECIFICATION REFERENCE:

SYSTEM TYPE:

LOCATIONS:

COMMENTS:
