

# EMT & CONDUIT



**Quality, durability and  
efficiency for every  
electrical installation**



# Designed to provide long-lasting protection

## Electrical Metallic Tubing (EMT)

Our EMT is made from mild strip steel using the industry's leading in-line galvanizing process, and our proprietary ID coating ensures corrosion resistance and easy wire pulling.

### Specifications

Architects desiring to specify Republic Conduit EMT should include the following description:

Electrical conductors shall be enclosed in Electrunit EMT in accordance with the National Electrical Code (NEC). Electrical metallic tubing shall be mild steel, electrically welded, galvanized and produced to the following specifications:



### EMT complies with:

- ✓ UL-797
- ✓ ANSI® C80.3
- ✓ NEC® Article 358
- ✓ NFPA 70: NEC 250.118 (4)

## FLEX electrical product features

Proprietary ID coating for fast wire-pulling performance

Corrosion resistance

10' lengths, with special lengths available

Steel couplings produced in-house

Accurate circular cross sections

Uniform wall thickness

Interior surface free from defects injurious to conductors

Contain recycled material

Recyclable

Long life



## FLEX EMT CONDUITE

### EMT DIMENSIONS (3M LENGTHS)

TRADE SIZE	WALL THICKNESS		OUTSIDE DIAMETER		INSIDE DIAMETER*	
	in.	mm	in.	mm	in.	mm
1/2	0.042	1.07	0.706	17.93	0.622	15.80
3/4	0.049	1.25	0.922	23.42	0.824	20.93
1	0.057	1.45	1.163	29.54	1.049	26.64

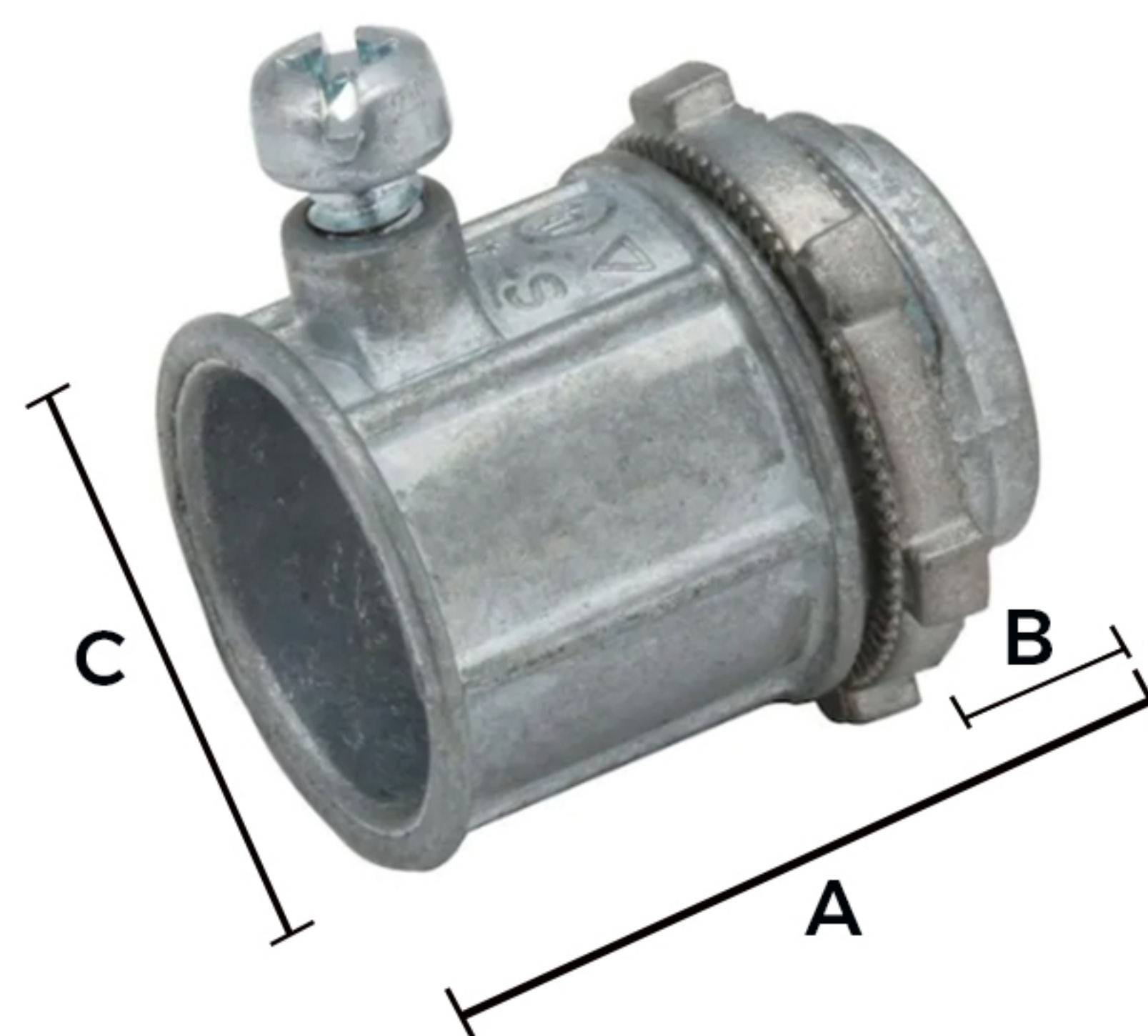


## FLEX EMT CONNECTORS

### SET SCREW TYPE

TRADE SIZE	(A) DIAMETER		(B) DIAMETER		(C) DIAMETER	
	in.	mm	in.	mm	in.	mm
1/2"	1.16	29.46	0.40	10.16	1.06	26.92
3/4"	1.39	35.30	0.40	10.16	1.30	33.02
1"	1.55	39.37	0.52	13.20	1.52	38.60

\* For information only; ZINC DIE CAST



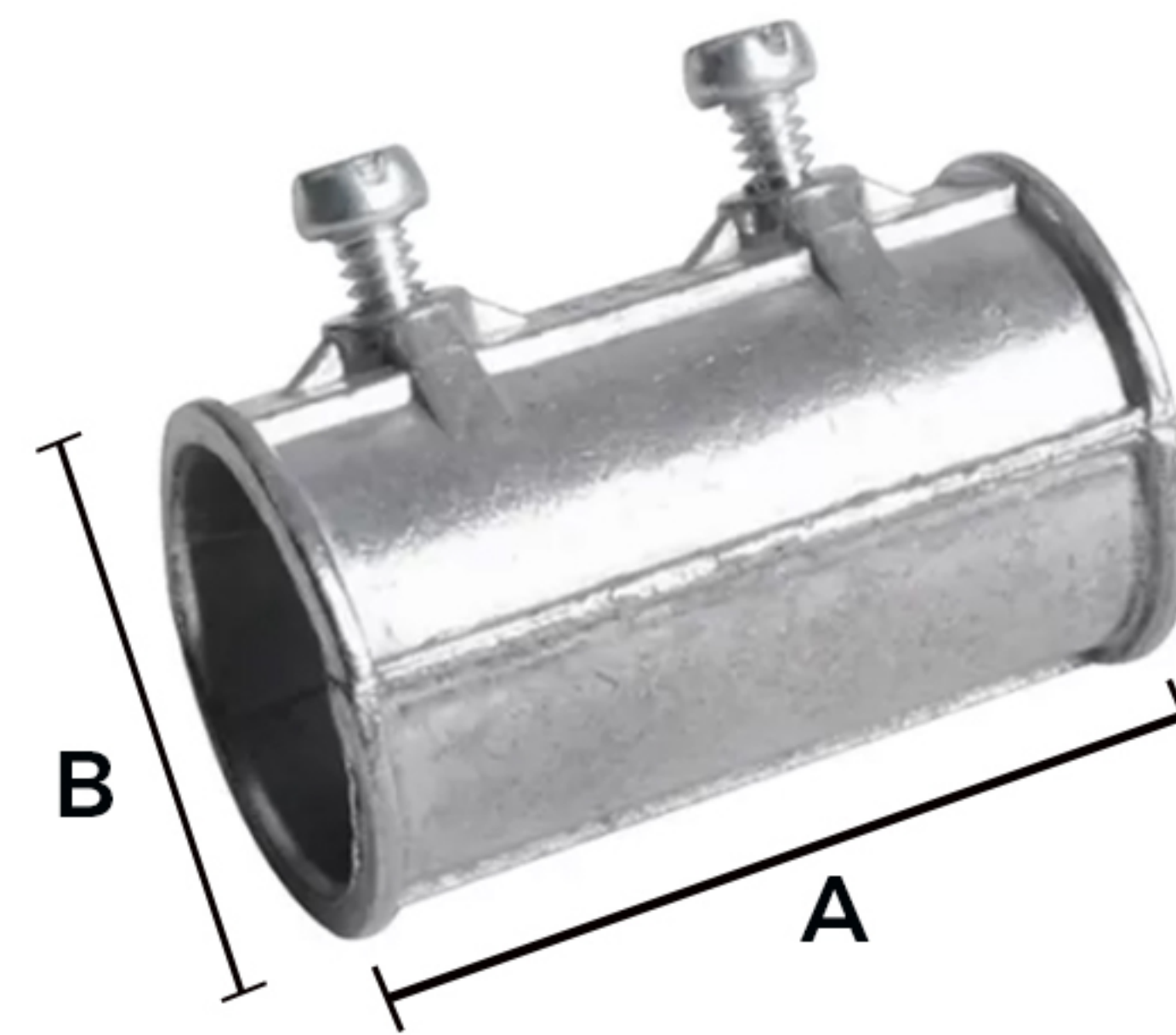


## FLEX EMT COUPLING

### SET SCREW TYPE

TRADE SIZE	(A) DIAMETER		(B) DIAMETER	
	in.	mm	in.	mm
1/2"	1.53	38.86	0.93	23.62
3/4"	1.92	48.76	1.16	29.46
1"	1.00	25.40	1.44	36.57

\* For information only; ZINC DIE CAST

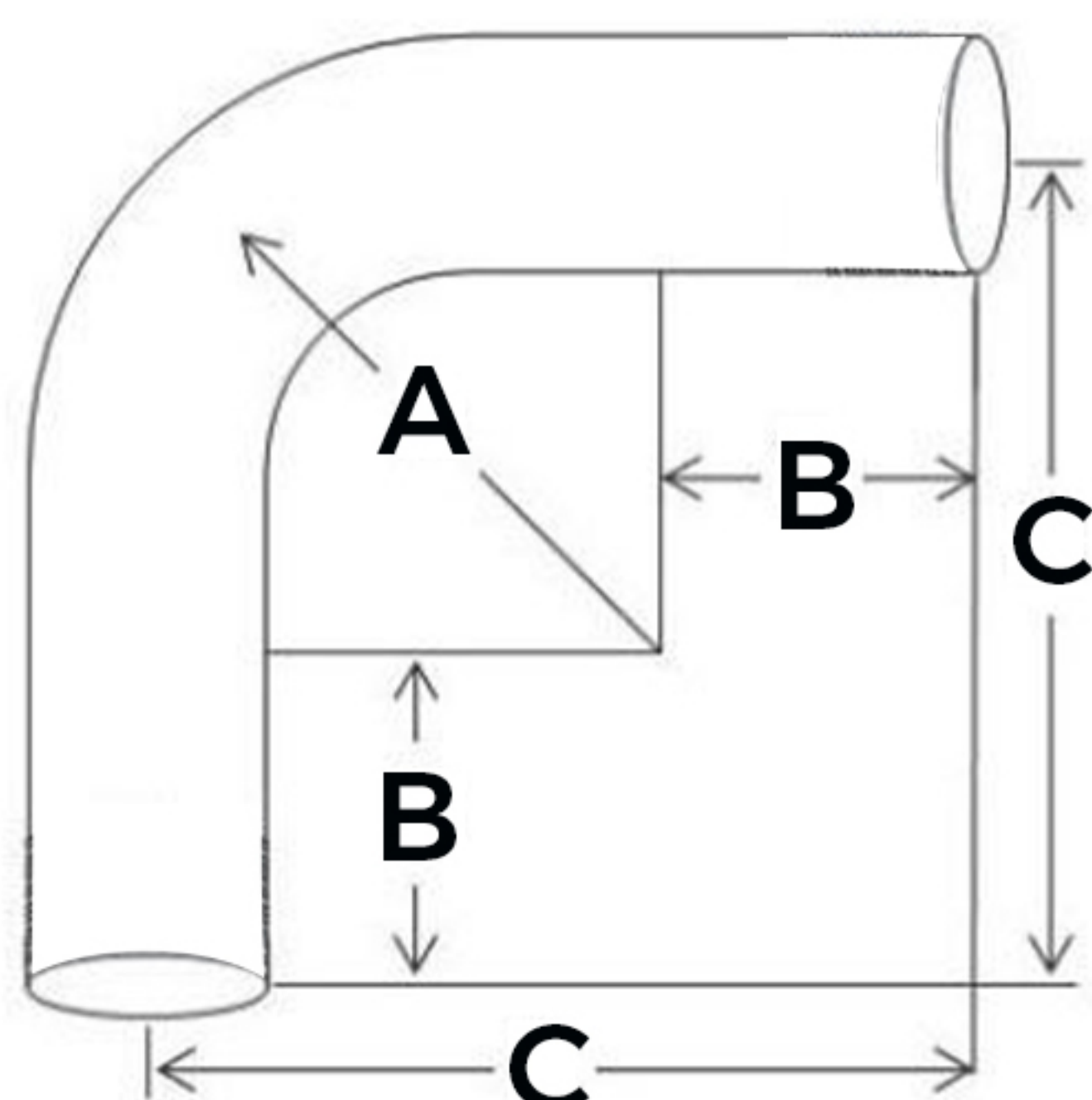


## FLEX EMT 90° RADIUS ELBOW



### SET SCREW TYPE

TRADE SIZE	(A) DIAMETER		(B) DIAMETER		(C) DIAMETER	
	in.	mm	in.	mm	in.	mm
1/2"	4.00	101.6	2.87	72.89	6.34	161.0
3/4"	4.50	114.3	2.87	72.89	6.78	172.2
1"	5.75	146.0	3.00	76.20	8.90	226.0

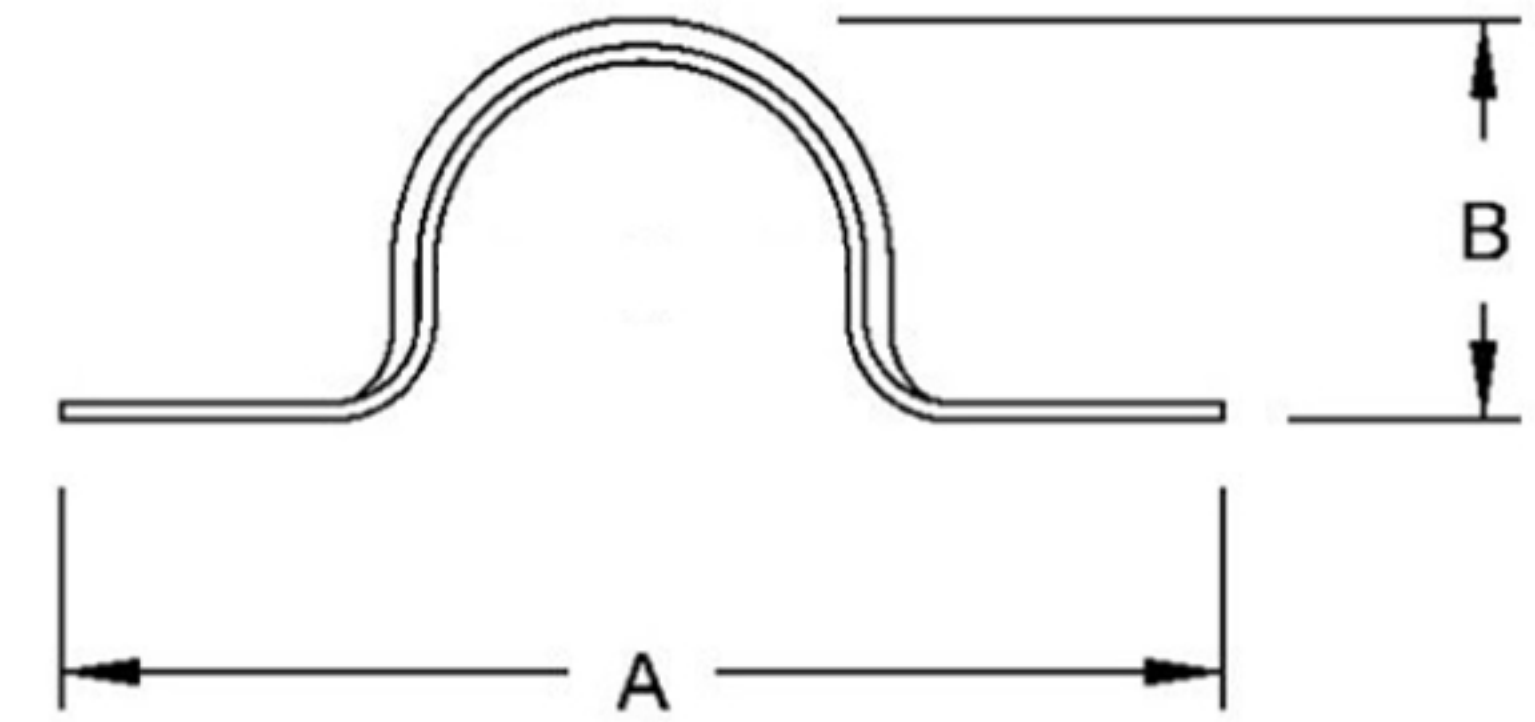




## FLEX EMT STARPS

### TWO HOLES

TRADE SIZE	(A) DIAMETER		(B) DIAMETER	
	in.	mm	in.	mm
1/2"	2.20	55.88	0.78	20.00
3/4"	2.67	67.81	0.98	25.00
1"	2.97	75.43	1.25	32.00
1 1/4"	3.81	97.10	1.49	38.00
2"	4.40	112.1	1.96	50.00



## FLEX EMT JUNCTION BOX

### METAL BOX

TRADE SIZE	(A)		(B)	
	in.	mm	in.	mm
100*100*75	3.93	100.0	2.95	75.00
150*150*75	5.90	150.0	2.95	75.00
200*200*75	7.78	200.0	2.95	75.00
300*300*100	11.8	300.0	3.93	100.0

\* For information only; WITH METAL COVER

