

INCH COPPER TUBE FITTINGS

"A/C & R SOLDER JOINT HIGH PRESSURE INCH FITTINGS"

SYMBOLS USED FOR FITTING ENDS

- "C" : Copper cup manufactured to receive copper tube diameter (as an ODS solder connection). The copper tube can be "slipped-in" any "C" fitting end. (Female)
- "FTG" : Fitting ends made to copper tube diameter. This side can be "slipped-in" any "C" fitting end. (Male)
- "FPT" : Female National Pipe Thread (NPT) said **FPT**. ("N" had been dropped and replaced by "F" for female).
- "MPT" : Male National Pipe Thread (NPT) said **MPT**. ("N" had been dropped and replaced by "M" for male).

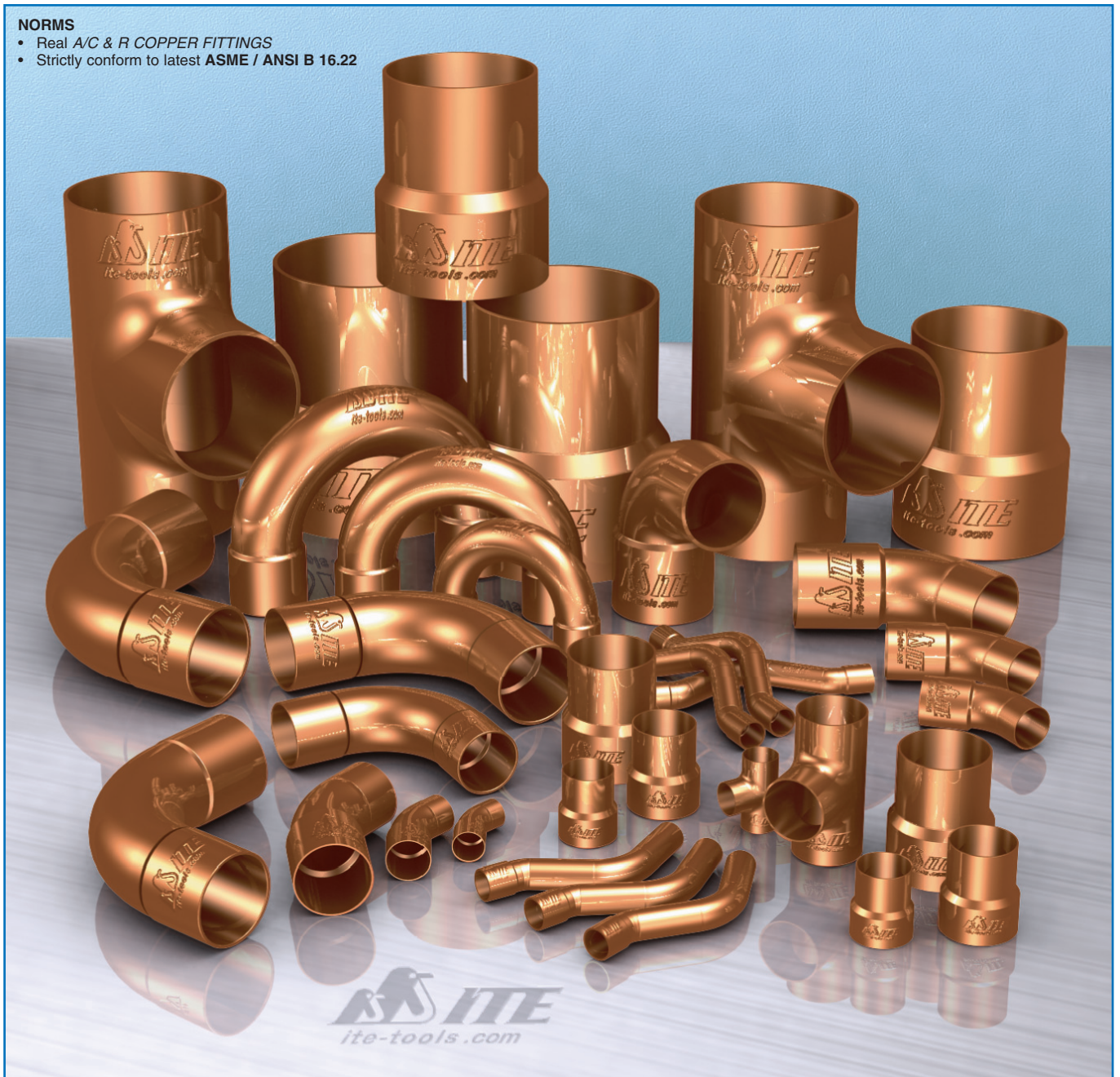
NOTE

- All solder cups (**C**) and fitting ends (**FTG**) size descriptions are expressed in outside diameter (**OD**) tube size.

Note: According to the PED Directive 97/23/EC all open ended copper tubes and fittings as supplied by ITE will be classified in the SEP (Sound Engineering Practices) category by reference to article 3 paragraph 3 of the PED. A CE mark cannot be applied to these tubes and fittings, because all appropriate manufacturing operations such as bending, connection (soldering) and heat treatment have not been completed, as they will be completed in the field, during installation process, to render them fit for their intended purpose.

NORMS

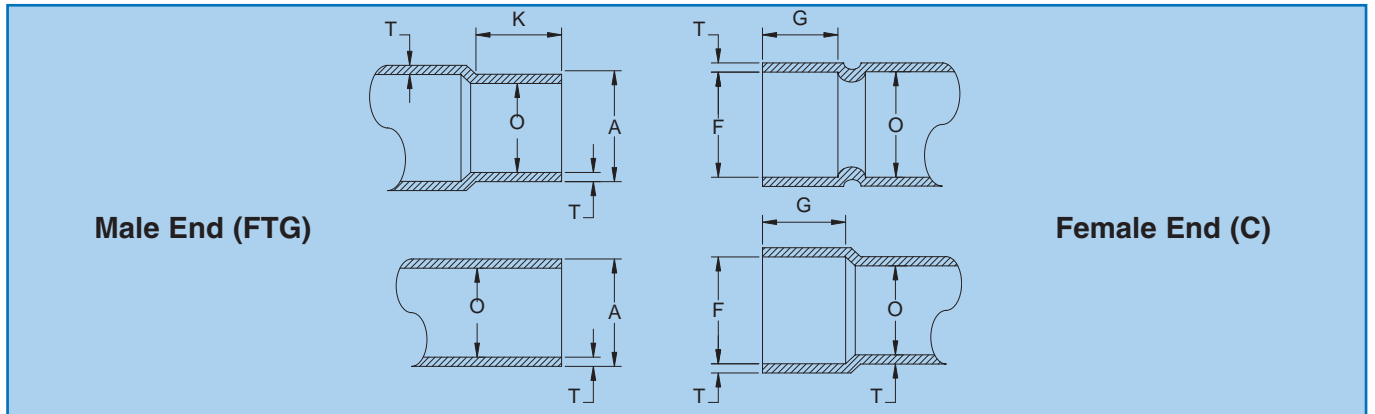
- Real A/C & R COPPER FITTINGS
- Strictly conform to latest ASME / ANSI B 16.22



DIMENSIONS

- Dimensions of products illustrated are for general estimating purposes and based on the latest data.
- Dimensions are subject to revision without immediate notice (codes, manufacturing, market demand, etc)
- Dimensions and tolerances according to ASME B16.22.

Specifications norm ASME / ANSI B 16.22



Copper size		External end			Internal end			Wall thickness T Min.	Inside diameter of fitting	
		Outside diameter A Min. A Max.		Length K Min.	Inside diameter F Min. F Max.		Depth G Min.		O Min.	O Max.
OD	Nominal									
1/4"	1/8"	6,30	6,38	7,90	6,40	6,50	6,40	0,48	4,60	0,50
3/8"	1/4"	9,47	9,55	9,70	9,58	9,68	7,90	0,58	7,60	0,80
1/2"	3/8"	12,62	12,73	11,20	12,75	12,85	9,70	0,66	9,90	1,00
5/8"	1/2"	15,80	15,90	14,20	15,93	16,03	12,70	0,74	13,20	1,30
3/4"	5/8"	18,97	19,08	17,50	19,10	19,20	15,70	0,79	16,00	1,60
7/8"	3/4"	22,15	22,25	20,60	22,28	22,38	19,10	0,84	18,80	1,90
1 1/8"	1"	28,50	28,63	24,60	28,65	28,75	23,10	1,02	24,90	2,50
1 3/8"	1 1/4"	34,85	34,98	26,20	35,00	35,10	24,60	1,12	31,20	3,10
1 5/8"	1 1/2"	41,17	41,33	29,50	41,35	41,48	27,70	1,30	37,30	3,70
2 1/8"	2"	53,87	54,03	35,80	54,05	54,18	34,00	1,50	49,30	4,90
2 5/8"	2 1/2"	66,57	66,73	38,90	66,75	66,88	37,30	1,70	61,50	6,10
3 1/8"	3"	79,27	79,43	43,70	79,45	79,58	42,20	1,91	73,40	7,30
3 5/8"	3 1/2"	91,97	92,13	50,00	92,15	92,28	48,50	2,18	85,60	8,60
4 1/8"	4"	104,67	104,83	56,40	104,85	104,98	54,90	2,44	97,50	9,80
5 1/8"	5"	130,07	130,23	69,10	130,25	130,38	67,60	2,82	119,40	11,90
6 1/8"	6"	155,47	155,63	81,80	155,65	155,78	78,50	3,15	145,30	14,50
8 1/8"	8"	206,22	206,43	103,90	206,45	206,58	100,80	4,39	191,80	19,20

NOTE: Drawings and designs of fittings are illustrative only. Dimensions in this table shall govern in all case.
 All sizes in mm.