



**BRONMETAL**

Copper Cu

Product format:

Technical characteristics:

Channeling cooling pipes

Round copper tubes for the manufacture of refrigeration and air conditioning (channeling)



## TOLERANCES ON MEAN EXTERIOR DIAEMTER FOR SMOOTH PIPES

Nominal exterior diameter		Tolerances on mean diameter	
d			
Greater than	Less than or equal to	e ≤ 0,4	e > 0,4 mm
6	13	± 0,04	± 0,04
13	16	± 0,05	± 0,04
16	28	-	± 0,05
28	54	-	± 0,06
54	67	-	± 0,07



## TOLERANCES ON WALL THICKNESS FOR SMOOTH PIPES

Tolerances	Nominal exterior diameter d		Nominal wall thickness e							
	Greater than	Less than or equal to	0,25 ≤ e ≤ 0,30	0,30 < e ≤ 0,35	0,35 < e ≤ 0,40	0,40 < e ≤ 0,50	0,50 < e ≤ 0,63	0,63 < e ≤ 0,80	0,80 < e ≤ 1,50	1,50 < e ≤ 2,00
Maximum deviation admissible at any point <sup>a</sup>	6	67	± 0,025	± 0,03	± 0,03	± 0,04	± 0,05	± 0,06	± 8% <sup>b</sup>	± 8% <sup>b</sup>
Tolerances for mean thickness	6	9,52	± 0,01	± 0,01	± 0,01	± 0,015	± 0,02	± 0,02	-	-
	9,52	13	-	± 0,01	± 0,01	± 0,015	± 0,02	± 0,02	-	-
	13	16	-	-	± 0,01	± 0,015	± 0,02	± 0,02	-	-
	16	22	-	-	-	-	-	± 0,02	± 0,05	-
	22	40	-	-	-	-	-	± 0,02	± 0,05	-
	40	67	-	-	-	-	-	-	-	± 0,08
<sup>a</sup>	Includes concentricity deviation.									
<sup>b</sup>	Value as a percentage of nominal thickness.									

