



HOT FINISHED SEAMLESS ROUND TUBING - ASTM A519		
Outside Diameter Tolerances (inches), (a,b,c)		
Outside Diameter Size Range, in.	Outside Diameter Tolerance, in.	
	Over	Under
Up to 2.999	0.020	0.020
3.000-4.499	0.025	0.025
4.500-5.999	0.031	0.031
6.000-7.499	0.037	0.037
7.500-8.999	0.045	0.045
9.000-10.750	0.050	0.050

(a) Diameter tolerances are not applicable to normalized and tempered or quenched and tempered conditions.

(b) The common range sizes of hot finished tubes is 1-1/2 inch to 10-3/4 inch outside diameter with wall thickness at least 3 % or more of outside diameter, but not less than 0.095 inch .

(c) Larger sizes are available: consult manufacturer for sizes and tolerances.

HOT FINISHED SEAMLESS ROUND TUBING - ASTM A519			
Wall Thickness Tolerances (inches)			
Wall Thickness Range as Percent of Outside Diameter	Wall Thickness Tolerance (a) percent over and under nominal		
	Outside Diameter 2.999 in. and smaller	Outside Diameter 3.000 in. to 5.999 in.	Outside Diameter 6.00 in. to 10.750 in.
Under 15	12.50	10.00	10.00
15 and over	10.00	7.50	10.00

(a) Wall thickness tolerances may not be applicable to walls 0.199 in. and less: consult manufacturer for wall tolerances on such tube sizes.

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