

A500 Specification Comparison (Round Tubing)

	ASTM A500 Round Tubing
Chemical Composition	Composition, % Grades A and B Grades C Heat Product Heat Analysis Analys
Tensile Requirements	Shaped structural Grade A Grade B Grade C Tubing 45000 58000 62000
Marking	Grade A Tubing: Each length is not stenciled, but the following information is marked on a tag attached to each lift bundle ASTM A-500 A Grade B and C Tubing: A500 (1) (2) (3) (4) (5) (6) (7) MAC ASTM A500B 3×3×0.120 '07 C1234 (1) Company name (2) Standard (3) Specification (4) Size (5) wall thickness (6) year (7) Heat No.
End Finish	The Tubing ends are square cut, with outside burr held to a minimum.
Available Size	OD 0.840″ through OD 6-5/8″
	Tolerance
Outside Dimension	0. D Range Tolerance(inches)** 1. 900" and Smaller
Wall Thickness	±10% of Nominal Wall Thickness
Length	Plus 2 in. (50.8mm) and minus zero on ordered lengths, (This is Maruichi's private standard tolerance. If any closer tolerance is desired, please be sure to specify that in your inquiry or orders.)
Straightness	Max(Inches) = (Length(ft) / 5) x 1/8
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