



CARBON STEEL STRUCTURAL TUBING - ASTM A500

Chemistry					
Grade:	Carbon (max.):	Manganese (max.):	Phosphorus (max):	Sulphur (max.)	Copper (min.)
B	0.260	1.350	0.035	0.035	0.200
C	0.230	1.400	0.045	0.045	0.180
Mechanical Properties					
Grade:	Shape:	Yield Strength (psi):	Tensile Strength (psi):	Elongation in 2" (min.):	
B	Round	42,000	58,000	23%	
C	Round	46,000	62,000	21%	
B	Square & Rectangular	46,000	58,000	23%	
C	Square & Rectangular	50,000	62,000	21%	

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