



CARBON & ALLOY TUBING

**SPECIFICATIONS,
SIZES & GRADES**



PLYMOUTH TUBE CO USA®

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CARBON & ALLOY TUBING

ASTM A and ASME SA Specifications

	Grades	OD Range		Wall Range AW=Average Wall MW=Minimum Wall		Max. Length	
		inches	mm	inches	mm	ft.	m
BOILER AND PRESSURE TUBING							
-106	Seamless Carbon Steel Tubing for High Pressure Service	A B C	Cold Drawn Hot Finished	1.250 to 5.563 / 31.75 to 141.30 1.900 to 5.000 / 48.26 to 127.00	.105 to .650 MW / 3.78 to 16.51 MW .180 to .570 MW / 4.57 to 14.48 MW	86 / 26 65 / 20	
-179	Seamless Cold Drawn Low Carbon Steel Heat Exchanger & Condenser Tubing		Cold Drawn Hot Finished	1.250 to 5.563 / 31.75 to 141.30 1.900 to 5.000 / 48.26 to 127.00	.105 to .650 MW / 3.78 to 16.51 MW .180 to .570 MW / 4.57 to 14.46 MW	86 / 26 65 / 20	
-192	Seamless Carbon Steel Tubing for High Pressure Service		Cold Drawn Hot Finished	1.250 to 5.563 / 31.75 to 141.30 1.900 to 5.000 / 48.26 to 127.00	.105 to .650 MW / 3.78 to 16.51 MW .180 to .570 MW / 4.57 to 14.48 MW	86 / 26 65 / 20	
-209	Seamless Carbon-Molybdenum Alloy Steel Boiler & Superheater Tubing	T-1 T-1B T-1A	Cold Drawn Hot Finished	1.250 to 5.563 / 31.75 to 141.30 1.900 to 5.000 / 48.26 to 127.00	.105 to .650 MW / 3.78 to 16.51 MW .180 to .570 MW / 4.57 to 14.48 MW	86 / 26 65 / 20	
-210	Seamless Medium Carbon Steel Boiler & Superheater Tubing	A-1 C	Cold Drawn Hot Finished	1.250 to 5.563 / 31.75 to 141.30 1.900 to 5.000 / 48.26 to 127.00	.105 to .650 MW / 3.78 to 16.51 MW .180 to .570 MW / 4.57 to 14.48 MW	86 / 26 65 / 20	
-213	Seamless Alloy Steel Boiler & Superheater Tubing	T-2 T-12 T-5 T-22 T-11	Cold Drawn Hot Finished	1.250 to 5.563 / 31.75 to 141.30 1.900 to 5.000 / 48.26 to 127.00	.105 to .650 MW / 3.78 to 16.51 MW .180 to .570 MW / 5.59 to 14.48 MW	86 / 26 65 / 20	
MECHANICAL TUBING (Special Shape OD/ID Combinations Available in Cold Drawn Seamless)							
-513	Electric Resistance Welded Carbon Steel Tubing (DOM Type 5 & 6)	CARBON: 1010 TO 1020 (other grades upon request)		.250 to 1.750 / 6.35 to 44.45	.020 to .120 AW / .710 to 3.05 AW	26 / 8	
-519	Electric Resistance Welded Carbon Steel Tubing (DOM Type 5 & 6)	CARBON: 1008 TO 1070, 1500 ALLOY: 4100 5100 8600 SERIES	Cold Drawn Hot Finished	1.250 to 5.563 / 3.18 to 141.30 1.875 to 5.000 / 47.63 to 127.00	.020 to .750 AW / .510 to 19.05 AW .200 to 1.009 AW / 5.08 to 24.13 AW	86 / 26 65 / 20	
AMS-T-6736B	ProMoly™ High Performance Cold Drawn Seamless Tubing for the Racing Industry <small>Made to MIL-T-6736B and AMS 6360 specifications apply as well</small>	4130		.090 to 1.750 AW / 2.286 to 44.45 AW	.020 to .120 AW / .508 to 3.05 AW	86 / 26	
MIL/AMS-T-6736B	6736B (Condition A or N) & AMS 6360, 6371 6381 Cold Drawn Seamless Aircraft Quality 4130 Tubing	4130		1.750 to 5.563 / 44.45 to 141.30	.020 to .750 AW / .510 to 19.05 AW	86 / 26	
HYDRAULIC FLUID LINE TUBING							
SAE-J525	Electric Resistance-Welded Cold Drawn Low Carbon Hydraulic Tubing <small>HYDRABRITE® Bright annealed suitable for bending, flaring and other special applications</small>	1010		.250 to 1.75 / 6.35 to 44.45	.020 to .120 AW / .071 to 3.05 AW	26 / 8	
SAE-J2467	Electric Resistance-Welded Cold Drawn Low Carbon Hydraulic Tubing <small>Bright annealed suitable for high pressure applications Available upon request pending raw material availability</small>	1021		.125 to 5.563 / 3.18 to 141.30	.020 to .750 AW / .051 to 19.05 AW	86 / 26	
SPECIAL SHAPE TUBING							
	Shapes include: rounds, squares, rectangles triangles, hexagons, streamline/teardrops, symmetrical and non-symmetrical, custom OD/ID shape combinations	UP TO 40% CARBON STEEL, CHROME-MOLY AND HEAT TREATABLE ALLOYS		.250 to 5.000 AW / 6.35 to 127.00 AW	.020 to .500 AW / .051 to 12.70 AW	72 / 22	

Value added capabilities: cutting and end finishing available upon request. Other sizes, grades and specifications available upon request.



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Information contained in these charts may change without notice. Please contact Plymouth Tube Company Sales for special inquires or for requirements outside of the capabilities described above.

To receive technical information, obtain a quote or place an order:

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