

AMS-WW-T-700/6

Technical Datasheet



Service. Quality. Value.

Drawn Aluminium Tubing

Typical Applications

- Aircraft applications
- Pylons & Towers
- Shipbuilding

Product Description

AMS-WWT-700/6 drawn aluminium tubing is used in applications where medium strength and good corrosion resistance is required. The alloy offers good general machinability and formability. The material also has an aesthetically pleasing appearance after anodizing.

Corrosion Resistance

Good

Key Features

- Good corrosion resistance and formability
- Excellent aesthetic appearance after anodising
- Medium strength
- Good general machining characteristics
- Preferred alloy when welding or brazing is required

Availability

Pipe, tube

Machinability

Good

Chemical Composition (weight %)

	Al	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other	Total
min.	Bal	0.4		0.15		0.8	0.04				
max.	Bal	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

Mechanical Properties (typical)

	Ultimate		Yield		Elongation %	Brinell
	KSI	MPA	KSI	MPA		
O	18	124	8	55	58	30
T4	35	241	21	145	22	65
T6	45	310	40	276	12	95

Technical Assistance

Our knowledgeable staff backed up by our resident team of qualified metallurgists and engineers, will be pleased to assist further on any technical topic.

UK Service Centres:

Smiths Belfast 02895 908 897
Smiths Biggleswade 01767 604 704
Smiths Birmingham 0121 728 4940
Smiths Bristol 0117 971 2800
Smiths Chelmsford 01245 466 664
Smiths Gateshead 0191 469 5428
Smiths Horsham 01403 261 981

Smiths Leeds 0113 307 5167
Smiths Manchester 0161 794 8650
Smiths Norwich 01603 789 878
Smiths Nottingham 0115 925 4801
Smiths Redruth 01209 315 512
Smiths Verwood 01202 824 347
Main Office 0845 527 3331

Quality & Testing:



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