T66

Technical Datasheet

Aerospace Stainless Steel Tube

Service. Quality. Value.

Typical Applications

Used in industries such as automotive, machinery, medical and aerospace. Often used for electromechanical parts, solar products, frames and fittings. Can also be used in fitness machinery, lighting and even oil pipelines.

Key features:

- Stainless steel
- Good machinability
- Good corrosion resistance
- High strength to weight ratio

Product Description

T66 stainless steel tube is produced via electric process (ESR) / VAR if requested for a specific purpose. The product has high strength and low weight meaning its strength to weight ratio is relatively high.

Related Material Specifications:

- T45
- T64
- T67

Machinability

Good

Corrosion Resistance

Good

Availability

Tube

Chemical Composition (weight %)

	Fe	C	Cr	Mn	Ni	P	S	Si	Nb
Min	Bal		17	0.5	9			0.2	10XC
Max	Bal	0.08	19	2	12	0.035	0.025	1	1.0

Mechanical Properties

Tensile Strength	550 - 700 MPa
Modulus of elasticity	210 - 340 MPa
Hardness	205 HV
Hardness	197 HB

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.

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