

15CDV6 TUBE

15CDV6 is a low carbon alloy steel with very good yield strength. It also has very good toughness and excellent weldability. Welding can be achieved without subsequent heat treatment and with negligible loss of properties.

Related Specs - W.Nr 1.7734, AIR 9160C, GT1000

Specific Gravity

7.8 g/cm3

Typical Applications	Related Specifications			
Roll Cages	W.Nr 1.7734			
Pressure Vessels	AIR 9160C			
Rocket Motor Casings	GT1000			
Subframes				
Track and Push rods				
Wishbones				
Uprights				

Chemical Composition (Wt %)

	С	Si	Mn	S	Р	Cr	Мо	V
Min	0.12	_	0.80	_	_	1.25	0.80	0.20
Max	0.18	0.20	1.10	0.015	0.020	1.50	1.00	0.30

Mechanical Properties

	0.2% Proof Stress	Tensile Strength	Elongation	Hardness
Condition	MPA (min)	MPA (min)	%	НВ
1.7734.2 (Annealed)	_	_	-	197
1.7734.4	550	700	13	207

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1.77	34.5	790	980- 1180	11	293-352
1.77	45.6	930	1080- 1250	10	321-363

^{*} This data has been supplied in good faith and is indicative only. It has been provided for general information purposes only and is not to be relied upon in place of the full specification. Mechanical properties can vary considerably with different perspective or the full specification.

General Enquiries

T: +44 (0) 1525 217 556 (tel:+4401525217556)

E: sales@dynamicmetalsltd.com <u>(mailto:sales@dynamicmetalsltd.com)</u>



UK Address:

Head Office

40 Eden Way Chartwell Business Park Leighton Buzzard Bedfordshire LU7 4FY

T: +44 (0)1525 217 556 (tel:+441525217556)

Conversion Centre

Suite 2 Meadowhall Riverside Meadowhall Road Sheffield South Yorkshire S9 1BW

T: +44 (0)1143 030 320 (tel:+4401143030320)

Registered Office (only)

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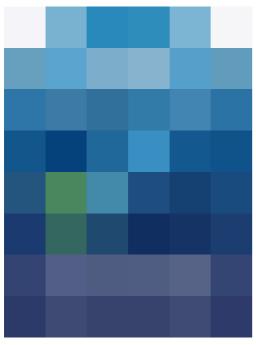
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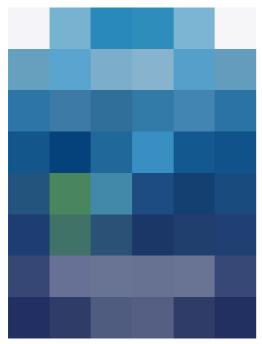
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The Granary Crowhill Farm Ravensden Road Wilden Bedfordshire MK44 2QS

T: +44 (0)1525 217 556 (tel:+441525217556)



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