

15CDV6 ALLOY STEEL

Typical Applications

Roll Cages

Pressure Vessels

Rocket Motor Casings

Subframes

Track and Push rods

Wishbones

Uprights

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

Technical specification

Related Specifications

W.Nr 1.7734

AIR 9160C

GT1000

Specific Gravity

7.8 g/cm³

Chemical Composition (WT %)

	Min	Max
C	0.12	0.18
Si	-	0.20
Mn	0.80	1.10

S	-	0.015
P	-	0.020
Cr	1.25	1.50
Mo	0.80	1.00
V	0.20	0.30

Typical Mechanical Properties (in the solution treated condition)

	Condition	1.7734.2 (Annealed)	1.7734.4	1.7734.5	1.7745.6
0.2% Proof Stress	MPA	-	550	790	930
Tensile Strength	MPA	-	700	980-1180	1080-1250
Elongation	%	-	13	11	10
Reduction	HB	197	207	293-352	321-363

Need more information? **Get in touch**

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