

TECHNICAL DATA

Specification

Material No.: 1.7734 / EN1 2070 / 15CrMoV6 / AIR9117 / 15CDV6s

Field of Applications

Supreme performance in etching surfacing process, mirror surface finishing. Designed to reduce micro porosity, high cleaned material. Applicable for carburising and nitride coating.

Mechanical Properties

Hardness untreated (HV10)	410
Tensile strength Rm (Mpa)	1,080-1,280
0.2%-yield strength Rp 0.2 (Rp0.2)(Mpa)	930%
Elongation A (L-5d)%	18%

Composition in %				
C 0.14	Si 0.15	Mn 1.00	Cr 1.40	Mo 0.90
V 0.25	P <0.02	S <0.02	Fe Rest	

Compatible Materials:

SCM440 / PX5 / KTSM31 / 15CrMoV6 / 25CrMo4 / 35CrMo4 / 20CrMo12

Available Sizes:

MA125 Spools/ Rod 500 mm: Ø mm 0.2 / 0.3 / 0.4 / 0.5 / 0.6 / 0.7 / 0.8

Rods (500 mm): Ø mm 1.0 / 1.2



EN 10204/3.1 2005 Quality Certified



e-version

Steel
EN 10204/3.1 2005