

2S143D

## Additional Information

2Sa143D has similarities to the following standard designations and specification

FV520B

Def Stan 95/14-2

## Chemical Properties

Element	Chemical Composition %
Carbon (C)	0.07 max
Manganese (Mn)	1.00 max
Silicon (Si)	0.60 max
Sulphur (S)	0.025 max
Phosphorous (P)	0.035 max
Chromium (Cr)	13.2 - 14.7 max
Nickel (Ni)	5.0 - 5.8 max
Molybdenum (Mo)	1.20 - 2.00 max
Copper (Cu)	1.20 - 2.00 max
Niobium (Nb)	0.10 - 0.40 max

## Mechanical Properties

Property	Value
Ultimate Tensile Strength	930 / 1,180 MPa
0.2% Proof Strength	780 MPa
Elongation	15%
Hardness	277 / 341 HB
Izod Impact	40 ft. lbf

## Physical Properties

Property	Value
Denisty	7.8 kg/dm <sup>3</sup>
Magnetisable	Yes

## Disclaimer

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