

S960QL

High Strength Steel | EN: S960QL / 1.8933

Ultra high strength quenched and tempered plate for the most weight-critical lifting and mobile equipment structures.

Available Forms & Sizes

Form	Size Range
Plates	4 - 100 mm thk

Chemical Composition (%)

Element	Min	Max
C	-	0.20
Mn	-	1.70
Cr	-	1.50
Mo	-	0.70

Mechanical Properties

Property	Value	Unit
Yield Strength	960 min	MPa
Tensile Strength	980 - 1150	MPa
Elongation	10 min	%
Impact Energy at -40 C	30	J

Physical Properties

Property	Value	Unit
Density	7.85	g/cm3

Standards

EN 10025-6

Equivalent Grades

1.8933, Strenx 960, Weldox 960

Typical Applications

- Telescopic crane sections
- Concrete pump booms
- Heavy lift rigging components



AXICOR DWC LLC

Technical Data Sheet

Industries Served

Lifting & Cranes, Transport, Construction