

VIKING 125

High-strength typically associated only with heat-treated steels and good machinability makes Viking 125 an excellent choice for demanding applications. Nelsen Steel starts with special chemistry grade 1144 SBQ hot rolled bars, and processes these bars using proprietary die designs, engineered draw practices, special furnace treatments, and enhanced, non-destructive testing. The result is a high-strength bar with excellent straightness, accurate dimensional characteristics, and machinability to keep your machines productive.

Typical Mechanical Properties

Tensile Strength	140 ksi (min) *
Yield Strength	125 ksi (min)
Elongation	5% (min)
Reduction of Area	15% (min)
Hardness	30 HRc *

* In the event of disagreement between hardness and tensile strength, the tensile strength shall govern.

Size Range

Rounds	.375" - 2"
Hexagons	n/a

Chemistry: AISI Grade 1144

Carbon	0.40 - 0.48
Manganese	1.35 - 1.65
Phosphorus	0.040 max
Sulfur	0.24 - 0.33

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