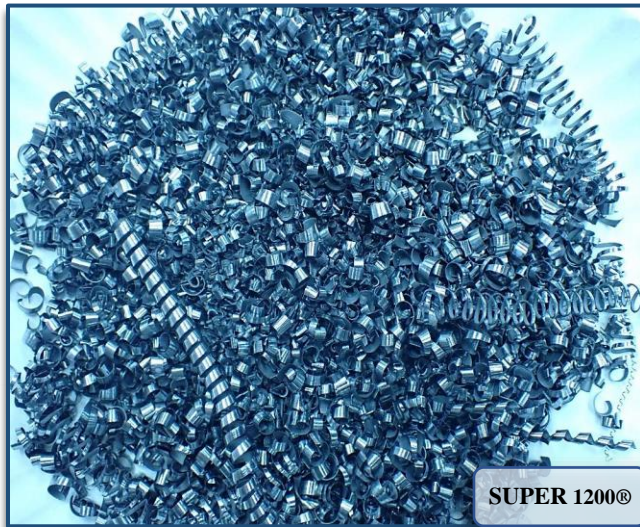


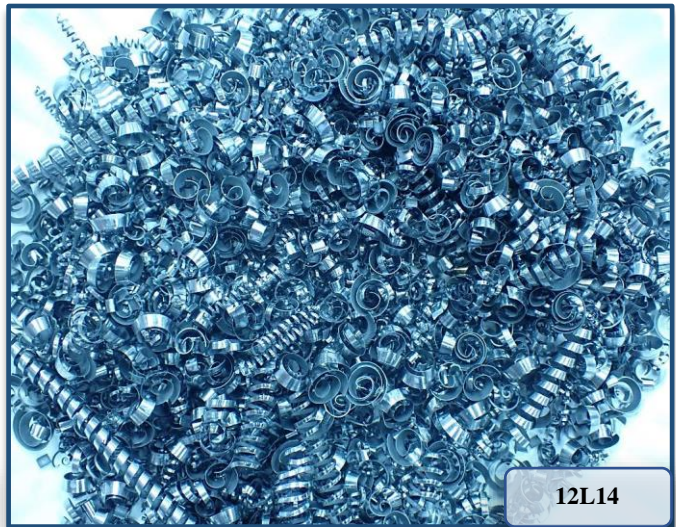


## FAST MACHINING STEEL BARS

As an alternative to 12L14, SUPER 1200® was developed by Niagara LaSalle, a company with a proven track record in developing proprietary products that deliver engineered solutions designed to withstand the test of time.



SUPER 1200®



12L14

### CHIP FORMATION COMPARISON

NO LEAD

NO BISMUTH

NO TELLURIUM

NO SELENIUM

### AVAILABLE SIZE RANGE:

0.375" THROUGH 3.00" ROUND

0.375" THROUGH 1.50" HEXAGON

#### REPEATABLE MACHINABILITY

Consistent performance across every run.

#### MATERIAL UNIFORMITY

Exceptional consistency throughout every bar.

#### SURFACE QUALITY

Outstanding finish across all tested applications.

### VALIDATED IN REAL PRODUCTION ENVIRONMENTS

Over a century of steel bar expertise. SUPER 1200® - the performance you expect.

CONTACT YOUR NIAGARA LASALLE / COREY STEEL REPRESENTATIVE FOR PRICING AND AVAILABILITY

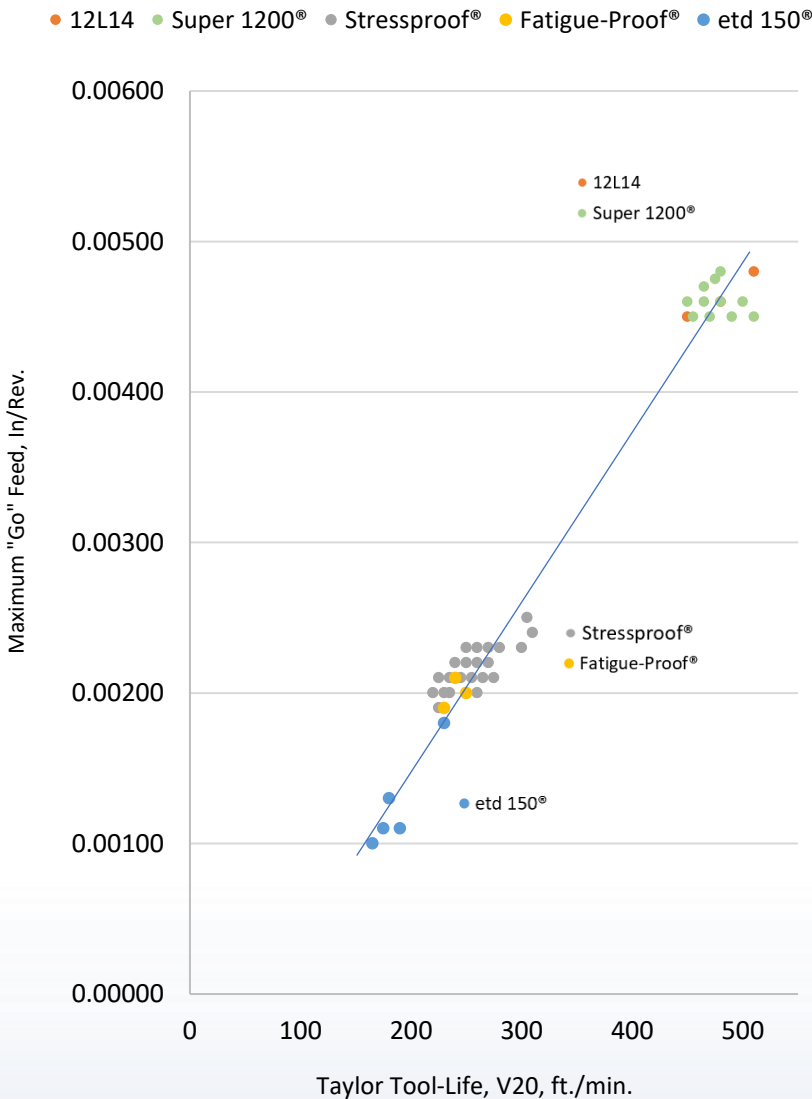
[www.niagaralabelle.com](http://www.niagaralabelle.com)

[www.coreysteel.com](http://www.coreysteel.com)





As illustrated in the chart below, SUPER 1200® is similar in machining speed to grade 12L14. Extensive research and development have resulted in a new production process that gives SUPER 1200® a high level of machinability without relying on typical additives like lead, bismuth, tellurium or selenium.



### CHEMISTRY

CARBON	0.07
SULFUR	0.32
PHOSPHORUS	0.07
MANGANESE	0.95
SILICON	< 0.01

### MECHANICAL PROPERTIES

TENSILE STRENGTH	70,000 psi min
YIELD STRENGTH	60,000 psi min
ELONGATION IN 2"	15% to 20%
REDUCTION OF AREA	35% to 55%
BRINELL HARDNESS	137 min
MACHINING CHARACTERISTICS	195% of 1212

### TOLERANCES

MEETS COLD FINISHED CARBON STEEL BAR MANUFACTURING TOLERANCES

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[www.niagaralasalle.com](http://www.niagaralasalle.com)

[www.coreysteel.com](http://www.coreysteel.com)

