

# Admiral 6150 Alloy

## Hot Rolled P&O Spheroidized Annealed

SAE/AISI 6150 UNS# G61500

This is a medium carbon, chrome-vanadium, fine grain, killed alloy. In the heat treated condition it has good wear and abrasion resistance. Excellent toughness and shock resistance make it a good alloy for parts exposed to stress, shock, and vibration.

**STANDARD SPECIFICATIONS:** ASTM A829. *See page 64 for foreign specifications.*

**TYPICAL ANALYSIS:** C .48/.53 Mn .70/.90 P .035 max. S .040 max Si.15/.35  
Cr .80/1.10 V .15 min

**TYPICAL HARDNESS:** Rockwell B 95 max.

**TYPICAL APPLICATIONS:** Springs, blades, gears, hand tools, & machinery parts

**AVAILABLE FORMS:** Stock size sheets and plates. Material may also be Sheared, Laser Cut, Blanked, Edged, Deburred, and/or Re flattened to your specifications.

Sheet gauges are stocked in Cold Rolled Annealed condition.

See our reference section for information regarding edge conditions, finish descriptions, gauge tolerances, heat treating information, hardness conversion tables and physical properties.

<b>STOCK GAUGES – Contact our office for availability of other gauges!</b>	
Gauge Decimal	Lbs/Sq. Ft.
.187 *	7.63
.250	10.21
.312	12.76
.375	15.30

\* Stocked in Cold Rolled Annealed condition. Meets ASTM A505, & A506