

Aluminum

Aluminum is remarkable for the metal's low density and for its ability to resist corrosion.

- 1100 (Sheet)
- 2024 (Plate)
- 3003 (Sheet, Plate, Tread Plate)
- 5052 (Sheet, Plate)
- 6061 (Sheet, Plate, Tread Plate, Tube, Channel, Beam, Bar, Pipe)
- 6063 (Tube, Channel, Bar, Pipe)
- 7075 (Plate)
- Cast/Jig (Plate)

Brass

Brass is an alloy of copper and zinc.

- 260 (C26000) Sheet, Plate
- 360 (C36000) Flats, Squares, Rounds, Hex1100 (Sheet)

Bronze

Bronze is an alloy consisting primarily of copper, usually with tin as the main additive. It is hard and tough.

- 932 Bearing Bronze (Bars, Tube)
- 954 Aluminum Bronze (Bars, Tube)
- 959 Aluminum Bronze (Bars, Tube)
- 863 (Grade available upon request)

Copper

Copper is a ductile metal with a very high thermal and electrical conductivity.

- 110 Copper
- CDA C11000
- C17200
- 172 BeCu

Cast Iron

Loftis Steel & Aluminum offers cast iron products.

- 65-45-12 ductile iron
- 80-55-06 ductile iron
- G2 – Similar to ASTM A48 class 40, contains Type A graphite

Stainless Steel

Stainless steel is a steel alloy with a minimum of 10.5% to 11% chromium content by mass.

- 303 (Bars, Angles, Hex)
- 304 (Sheets, Plates, Bars, Angles, Hex, Tube, Channels, Beams, Pipe)
- 316 (Sheets, Plates, Bars, Angles, Hex, Tube, Pipe)
- 416 (Bars)
- 440 (Bars)
- 17-4 (Bars)

Tool Steel

Tool steel refers to a variety of carbon and alloy steels that are particularly well-suited to be made into tools.

- A2: versatile, air-hardening tool steel
- D2: wear resistant
- O1: cold work and low-alloy steel
- S7: air or oil hardening tool steel
- H13: hot work with extreme toughness

Carbon Steel

Carbon steel, also called plain-carbon steel, is steel where the main interstitial alloying constituent is carbon.

- 1018 Cold Finished (Bars)
- 1045 Cold Finished, Hot Rolled (Bars, TG&P)
- A36 Hot Rolled (Bars, Angles, Plates)
- Tubing (DOM, ERW, HRS)
- Pipe
- 1144*
- 12L14*
- 1215*
- *Grades available upon request

Alloy Steel

To be classified as an alloy, a minimum amount of alloying elements such as nickel, molybdenum, chromium, etc. is specified.

- 4140 Annealed, Preheat-treated (Bar, Plate) 4150* 4340*
- 4142 Preheat-treated (Bar, Plate, TG&P) 52100* 6150*
- 8620 (Round Bar) ETD 150* (Elevated Temperature Drawing process)

*Grades available upon request

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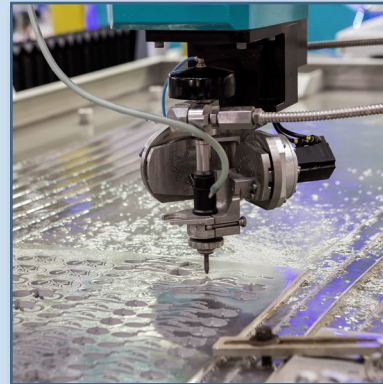
LOFTIS EMPLOYS HIGHLY SKILLED TECHNICIANS AND CAD ENGINEERS TO ENSURE THAT WE MEET OR EXCEED INDUSTRY STANDARDS.



Laser Cutting

Advantages include:

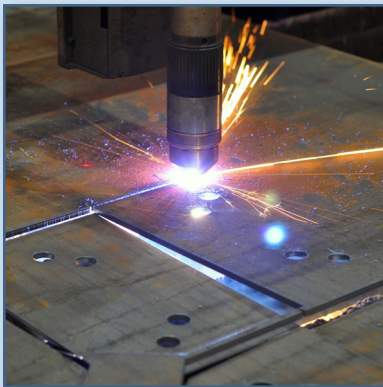
- High precision & repeatability on cut parts
- Produces near net finished parts to your print
- Minimal to no clean-up



Waterjet Cutting

Advantages include:

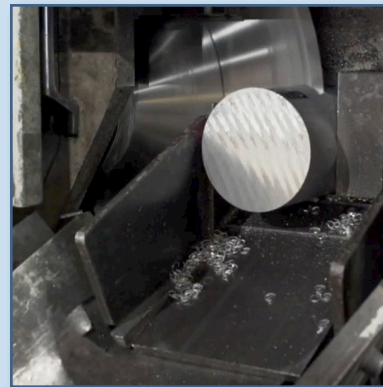
- No heat-affected zones
- More accurate cutting in all materials
- Produces a near-net finished part
- Thicker cutting with minimal distortion



Plasma Cutting

Advantages include:

- High-quality edge cuts
- Minimal clean-up
- Small heat-affected zone
- Etching and beveling capabilities
- Counter-sinking



Saw Cutting

Types of Saw Cutting offered:

- Structural Sawing
- Bar Sawing
- Cold Sawing
- Plate Sawing



LOFTIS OFFERS AN
EVER-EXPANDING
DIRECT DISTRIBUTION
SERVICE ACROSS THE SOUTHEAST!



QUALITY CERTIFICATIONS



GOVERNMENT CONTRACT INFORMATION

CAGE Code: 9KE75

UEI: DCLAJCXC8H8