

STAINLESS STEEL



Samuel Aerospace is one of North America's top ten processors and distributors of metal, operating more than 40 facilities which are strategically located throughout United States and Canada.

Additional facilities maintained in the United Kingdom, Australia, Mexico and China extend our reach globally. Our strategically placed processing and service centers allow us to offer on time and JIT delivery services.



Samuel Aerospace Metals supplies aerospace metals in a complete range of grades, tempers, shapes and sizes. We stock one of the most extensive inventories in North America. We stock and sell stainless steel in a broad range of forms and sizes:

- **Sheet & Coil (Fat Rolled)**
- **Round Bar**
- **Angle**
- **Hex**
- **Tube**
- **Plate (CMP/ PMP/ Discrete)**
- **Flat Bar**
- **Square**
- **Pipe**
- **Fittings**

A variety of AS, ISO and TS standards ensures conformance to customer's requirements. Primary aerospace service centers are ISO 9000 and AS9100/9120 certified. Our customers can expect stainless steel materials of the finest quality delivered to their exact standards.

Aerospace Processing Services include, but are not limited to:

- **Water-Jet Cutting**
- **Aluminum Plate Sawing**
- **Bar and Extrusion Sawing**
- **First Stage Processing**

Our pre-production processing services are all performed to stringent quality standards to your specifications, saving you time and money while ensuring the quality of your end product. We go to great heights to deliver the right product to the correct quality standards, on time, every time. Plus, we offer Stock and Release and Vendor Managed Inventory programs. These programs can help your company eliminate costly inventories and improve cash flow.

To learn more contact your Samuel Aerospace Metals representative or call 877-565-7050.

Everything you need in a metals supplier...quality, reliability and availability.



SERVING THE METAL INDUSTRY SINCE 1855

STAINLESS SHEET & COIL (FLAT ROLLED)	
Grade	
Austenitic	201, 301, 304, 304L, 309, 316, 316L, 321
Ferritic	409, 409L, 410, 410S, 430, 434, 436, 439, 441, 444, 3CR12, 4003, 41003
Duplex	LDX2101, 2003, 2205
Nickel Alloys	20, 200, 25-6HN, 400, 600, 601, 625, 800H, 800HT, 825 & C276
Thickness	28 ga to 7 ga (.016" - .187")
Finish	2B, 2D, BA, #3, #4, Rolled-On
Width	30", 36", 42", 48", 60", 72"
Length	96", 120", 144"
Processing	Cut-to-Length, Slitting, Blanking, Shearing

STAINLESS PLATE (CMP, PMP, DISCRETE)	
Grade	
Austenitic	304, 304H, 304L, 309S, 310S, 316H, 316L, 317L, 321, 321H, 904L, Alloy 20, 254SMO
Ferritic	409, 410, 410S
Duplex	LDX2101, 2002, 2003, 2205, 2304, 2507
Martensitic	17-4, 15-5
Nickel Alloys	200, 25-6HN, 400, 600, 601, 625, 800H, 800HT, 825 & C276
Thickness	3/16" to 6"
Width	96" to 528"
Length	96", 120", 144"
Processing	High Definition Plasma - Up to 5/8" Thk - Table Capacity 120" W x 390" L Conventional Plasma - Up to 6" Thk - Table Capacity 132" W x 564" L Water-Jet Cutting - Up to 6" Thk - Table Capacity 120" W x 360" L
Value Added	Laser Cutting, Polishing, Grinding, Heat Treating, Saw Cutting, Forming, Rolling, Shearing, Beveling

STAINLESS ROUND BAR	
Size Range	1/8" - 20" dia.
Grade	
Austenitic	303, 304, 304L, 316, 316L, XM-19
Ferritic	416, 416HT, 410, 410 QT, 410DQT, 431
Duplex	2205, LDX2101
Martensitic	17-4, 17-4 DH1150, 17-4 H1075, 17-4 H1050, 15-5
Nickel Alloys	400, 405, K500, 600, 601, 200, 201, 825, 625, 718, 800, 800HT, C276
Samuel Exclusive	ProMac™ Free Machining Bar - 303, 304, 304L, 316 & 316L
Finish	Cold Drawn, Cold Finished, Smooth Turned, Rough Turned, Hot Rolled, Centerless Ground, Turned Ground & Polished, Bearing Shaft Quality, Pump Shaft Quality
Processing	Cutting up to 20" dia Centerless Grinding 1/16" to 1 1/2" dia Turning - to 12" Straightening - to 8" Chamfering - 1/4" to 1 1/2" dia Polishing - to 12" dia

STAINLESS FLAT BAR	
Processed (A240)	
Size Range	1/8" x 1/2" up to 3/4" x 8"
Grade	
Austenitic	304, 304L, 316, 316L
Length	Up to 20 FT
True Bar/HRAP (A276)	
Size Range	3/16" x 3/4" up to 4" x 8"
Grade	
Austenitic	303, 304, 304L, 316, 316L, 321, 347
Ferritic	410, 416, 420, 440C
Martensitic	17-4
Length	Up to 20 FT

STAINLESS HEX	
Size	3/16" - 3"
Grade	
Austenitic	303, 304, 304L, 316, 316L
Finish	Cold Drawn

STAINLESS ANGLE	
Equal Leg	
Size	3/4" x 3/4" x 1/8" up to 6" x 6" x 1/2"
Grade	
Austenitic	304, 304L, 316, 316L
Unequal Leg	
Grade	
Austenitic	304, 304L, 316, 316L
Thickness	1/8" thru 1/2"
Length	2" - 6" Wide

STAINLESS SQUARE	
Size	3/16" - 3"
Grade	
Austenitic	303, 304, 304L, 316, 316L
Finish	Cold Drawn, Hot Rolled