

PIONEERS OF STAINLESS STEEL AND NICKEL ALLOYS

AN ISO 9001:2015 CERTIFIED COMPANY

#NotOnlyStainlessSteel







OVER 30 YEARS OF EXCELLENCE

#### **ABOUT US:**

Lawrance Metals is one of India's leading stockholders and distributors of a wide range of advanced stainless steel.

Lawrance Metals is a dynamic group, established over three decades ago to cater to the growing demand of stainless steel, globally. As leading Importers and Stockists of Variety stainless steel and Nickel alloy raw materials, Lawrance Metals have become the most reliable source of quality products and services.







Integrating a modern management style with a creative and hard working core to provide its customers sustainable and innovate solutions

#### **OUR PRODUCTS:**

We provide a wide range of advanced stainless steel and special metals including Duplex, Super Duplex, Nickel, Ferralium, HAST-C, Inconel, Monel, Alloy20, Titanium etc. Embracing the family culture together with its employees and becoming a trademark for honesty and trustable reputation in the steel industry

#### **OUR CREDENTIAL:**

We are technologically advanced and work with top quality management systems with progressive implementation of ISO 9001:2015 by TUV SÜD.

#### **#NotOnlyStainlessSteel**

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9884635000 / 9789988838 | Info@lawrancemetal.com



# **OUR QUALITY POLICY**

We are committed to achieve 100% customer satisfaction in all our product ranges of Stainless steel & Nickel alloys by meeting the requirements of our customers and through our efforts in continuous improvements of our quality management system.

# **OUR STRENGTH**





OVER 30 YEARS OF EXCELLENCE





WE STOCK A COMPLETE RANGE OF BAR, SHEET, COIL, PLATE, TUBING, PIPE, FITTINGS, FLANGES, FASTENERS, CUSTOM FORGINGS AND WELDING PRODUCTS IN A VARIETY OF CORROSION RESISTANT ALLOYS TO MEET THE REQUIREMENTS OF YOUR MOST CRITICAL PROJECTS.



# **ROUND BARS**

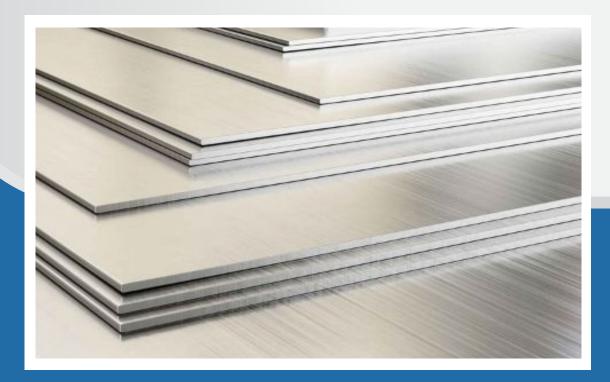
Round bars are hot rolled annealed solid steel bar that is ideal for all general fabrication, manufacturing and repairs. Steel Rounds are widely used in pumps and water treatment plan, industrial maintenance, agricultural implements, transportation equipment, ornamental iron work, fencing, artwork, etc. This steel shape is easy to weld, cut, form and machine with the proper equipment and knowledge. These Round bars are used in the Automobile industry, Oil and Gas industry, etc.



STAINLESS STEEL:	316/316L, 304/304L, F51, F60, F53, F55, 400 series, 317L, 904L, 316Ti, F61, 303, 17-4PH, 321, 347
NICKEL ALLOYS:	Nickel 200, C276, C22, Alloy 625, Alloy 825, Alloy 718 API, Alloy 718 B637, Alloy 600, Alloy K-400, Alloy 500, Alloy 20, Titanium, Nitronic 60, Nitronic 50, F44/SMO254
TYPES:	Rolled, Round Bright Bars, Forged Round Bright Bars
SIZE:	6mm - 1000 mm Diameter
FINISH:	Annealed & peeled Bright

# **SHEETS, PLATES & COILS**

Sheets are used in evaporators, heat exchangers and in other high temperature applications. Stainless Steel Plate is also used in drums, barrels, dairy equipment, hospital equipment, food processing & dairy Industry, utensils & kitchen appliance and construction.



STAINLESS STEEL:	316L, 304, 304L, 32205, 32750, 310, 409M, 321 etc
NICKEL ALLOYS:	C276, Alloy 625, Alloy 825, Alloy 718, Alloy 600, Alloy 400, Titanium, etc.
TYPES:	Sheet, Plates, Strips, Patti, Circles, Chequered, Coil
SIZE:	1000mm to 1250mm in Width. 2500mm, 3000mm, 5000mm &6000mm in Long.
THICKNESS:	0.1mm - 100mm Thick
FINISH:	N04, N08, N01, 2B, BA, 2D, etc.,



### **PIPES**

The Stainless Steel Welded Pipe can be of spiral weld or straight welded. There are different specifications that cover the various service types of the pipes and other specifications. These pipes are used in chemical industries, heat exchangers, construction, petroleum, pharmaceutical, defense, nuclear etc.

STAINLESS STEEL:	ASTM A312 TP201 / 304 / 304L / 316 / 316L / 317 / 317L 321 / 310 / 347 / 904L / DUPLEX / SUPER DUPLEX
NICKEL ALLOYS:	Monel, Inconel, Hastelloy, Nickel, Titanium, Alloy 20
TYPES:	Round, Square, Rectangle
SIZE:	1/4" to 48" NB. (Seamless & Welded)
SPECIALIZATION:	Electropolished Pipes & Tubes, Railing, Industrial

# **ANGLES & CHANNELS**

The angles are used to connect components together with a grip. The unequal angle is as common as the equal angle. They are used in brackets, trim, reinforcements, construction, equipment manufacturing, shelving units, and in other applications as well.

STAINLESS STEEL:	202,304, 304L,316, 316L, 321
NICKEL ALLOYS:	Monel , Inconel , Hastelloy, Nickel, Titanium, Alloy 20 etc
TYPES:	Original and Sheet fabricated
SIZE:	All Sizes & All thickness Available.





# **SQUARE / HEX BARS**

The Square/ Hexagonal bars yield high strength and superior toughness. A standard stainless steel hexagonal/ Square bar sizes could be used in the production of components such as axles, shafts, gears, collets, as well as die holders.

STAINLESS STEEL:	ASTM A276 & A479 Grade 202/ 304/ 304L/ 316/ 316L/310/317/ 317L/ 321/ 347/ 410/ 420/ 904L etc
NICKEL ALLOYS:	Monel, Inconel, Hastelloy, Nickel, Titanium, Alloy 20
SIZE:	3mm- 75mm dia ready stock with Mill Test Certificate
SPECIALIZATION:	Cold Drawn, Annealed Exports, Bright/Black.

### **FLAT BARS**

The flat bars are made from ingots and are either processed by hot rolling or hot forging. Various companies use our square/flat steel bars for making final products.

STAINLESS STEEL:

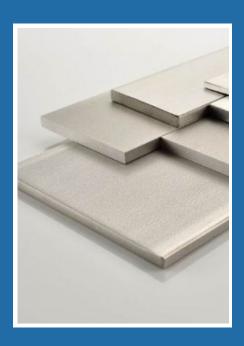
ASTM A312 TP-202/ 304 / 304L / 316 / 316L 316Ti 317/ 317L/ 321/ 310/ 347/ 410/ 420/904/ 303/ 17-4PH / 15-5PH

NICKEL ALLOYS:

Monel, Inconel, Hastelloy, Nickel, Titanium, Alloy 20 etc.

SIZE:

3mm Thickness - 100mm Thickness





# **BUTTWELD FITTINGS**

We manufacture various stainless steel fittings which include Railing Fittings, SS Glass Stud and Stainless Steel Display. These fittings are manufactured according to the prevailing industry standards and are available in vast ranges and designs.

STAINLESS STEEL:	ASTM A403 WP 304 / 304L / 304H / 316/ 316L / 317 / 317 / 321 / 310 / 347 / 904L
SIZE:	1/ 4" NB to 48"(Seamless & Welded)
TYPES:	Elbow, Tee, Reducer, Return Bends, Stub Ends, Cap, Collar, Cross, Insert.
FLANGS & FITTINGS INDUSTRIES:	Valve, Pump & Vessels
FIRE PROTECTION:	Pipe connection in waterways
MINING:	Plumbing and Mechanical

# **FLANGES**

Stainless Steel Flange is used to close a pipeline in these industries. The blind flange can be permanently fixed with welding or temporarily fixed by bolting for easy maintenance and removal.

STAINLESS STEEL:	ASTM A 182, F304 / 304L / 316 / 316L / 317 / 317L / 32l / 310 / 347 / 904L
CARBON STEEL:	ASTM A 105/ A694F42/ 46/ 52/ 56/ 60/ 65/70/ A350 LF3 / A350, LF2
NICKEL ALLOYS:	Monel, Inconel, Hastelloy, Nickel, Titanium, Alloy 20 etc.,
SIZE:	1/2" NB TO 48" NB
TYPES:	Weldneck, Slipon, Blind, Socket Weld, Spectacles, RingJoint, Oriface, Long W Deck Flange, RTJ,Flange

LapJoint, /eldneck,



# ALLOYS

ALI	OY C-276	сом	CHEMICAL POSITION (%)
NI MO CR FE W CO	REMAINDER 15.0-17.0 14.5-16.5 4.0-7.0 3.0-4.5 2.5 MAX	V SI P S	1.0 MAX 0.35 MAX 0.08 MAX 0.04 MAX 0.03 MAX 0.01 MAX
ALI	_OY 22	сом	CHEMICAL POSITION (%)
NI MO CR FE W CO	REMAINDER 20.0-22.5 12.5-14.5 2.5-3.5 2.5 MAX 2.0-6.0	V SI P S	0.50 MAX 0.35 MAX 0.08 MAX 0.02 MAX 0.02 MAX 0.015 MAX
ALI	_OY 718	сом	CHEMICAL POSITION (%)
NI CR NB MO TI CO	50-55 17-21 4.75-5.50 2.80-3.30 0.65-1.15 1 MAX	MN SI CU	0.20-0.80 0.35 MAX 0.35MAX 0.3 MAX 0.08 MAX
NIC	KEL 200/20	)] <sub>сом</sub>	CHEMICAL POSITION (%)
NI FE MN S	99.0 MIN 0.40 MAX 0.35 MAX 0.35 MAX	CU   C	CHEMICAL POSITION (%) 0.25 MAX 0.02 MAX 0.01 MAX
NI FE MN S	99.0 MIN 0.40 MAX 0.35 MAX	CU   C   S	0.25 MAX 0.02 MAX
NI FE MN S	99.0 MIN 0.40 MAX 0.35 MAX 0.35 MAX	CU CS COM	0.25 MAX 0.02 MAX 0.01 MAX CHEMICAL
NI FE MN S ALL CU FE MN	99.0 MIN 0.40 MAX 0.35 MAX 0.35 MAX OY 400 63.0-70.0 REMAINDER 2.5 MAX	CU CS COM SI AL CS	0.25 MAX 0.02 MAX 0.01 MAX CHEMICAL POSITION (%) 0.50 MAX 0.50 MAX 0.30 MAX

ALI	LOY K500	CHEMICAL COMPOSITION (%)	
NI CU AL FE MN SI T	63.0-70.0 REMAINDER 2.30-3.15 2.0 MAX 1.5 MAX 0.50 MAX 0.35-0.85	C 0.18 MAX P 0.02 MAX ZN 0.02 MAX PB 0.006 MAX S 0.006 MAX SN 0.006 MAX	
ALI	LOY 625 GRAI	CHEMICAL DE 1 COMPOSITION (%)	
NI CR MO FE NB+TA CO MN	58.0 MIN 20.0-23.0 8.0-10.0 5.0 MAX 3.15-4.15 1.0 MAX 0.50 MAX	SI   0.50 MAX     AL   0.40 MAX     TI   0.40 MAX     C   0.10 MAX     P   0.015 MAX     S   0.015 MAX	
ALI	LOY 20	CHEMICAL COMPOSITION (%)	
FE NI CR CU MO MN	REMAINDER N 32.0-38.0 19.0-21.0 3.0-4.0 2.0-3.0 2.0 MAX	B+TA (8 X C) TO 1.00 SI 1.0 MAX C 0.07 MAX P 0.045 MAX S 0.035 MAX	
ALI	LOY F255	CHEMICAL COMPOSITION (%)	
FE CR NI MO CU MN	REMAINDER 24.0-27.0 4.50-6.50 2.9-3.9 1.5-2.5 1.5 MAX	SI   1.0 MAX     N   0.10-0.25     P   0.04 MAX     C   0.04 MAX     S   0.03 MAX	
TIT	ANIUM GRADE	CHEMICAL 2 COMPOSITION (%)	
TII	REMAINDER	C   0.08 MAX	





30 YEARS OF EXCELLENCE

DELIVERING QUALITY SINCE 1990



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