



Lexicon metal®

(AN ISO 9001:2015 CERTIFIED CO.)

OUR TOP PRIORITY ONLY "QUALITY"



Manufacturer, Exporter, Stockholder & Suppliers of : Ferrous & Non Ferrous Metals Industrial Raw Materials in

Nickel Alloys | Stainless Steel | Carbon Steel | Alloy Steel



www.lexiconmetal.com



Company Profile

LEXICON METAL is one of the leading stockholder & supplier of all kinds of stainless steel products. We're the most versatile and efficient manufacturers, importers, exporters and stockists of stainless steel, carbon steel, alloy steel in the shape of pipes, tubes, round bars, flat bar, sheets, plates, wires, angles & channels, coils, strips and entire range of pipeline fittings and flanges supplying to various core industries like Refineries & Petrochemicals, Oil & Gas, Chemicals & Fertilisers, Pharma Ceuticals, Cement, Engineering, Construction, Sugar, Nuclear & Thermal, Paper & Pulp.

We have set up our business empire over the last decade serving many core industries all through out most satisfactorily. We have been known for producing our quality products and excellent services. Our quality standards are as per accepted international standards. For more than years now, we have been maintaining an uncompromising attitude towards the quality of our products, state of art, machines, technology, trained manpower coupled with cost effectiveness that will sustain our future growth.

We are also certified and approved by various reputed third party inspection agencies. ISO 9001-2015: Efforts are one full steam to acquire the coveted ISO 9001- 2015 quality assurance certification from reputed agencies.

Quality Assurance

Every manufacturing phase is carried out with modern technique and is under the surveillance of our quality team that ensures all our products meet the national / international standards.

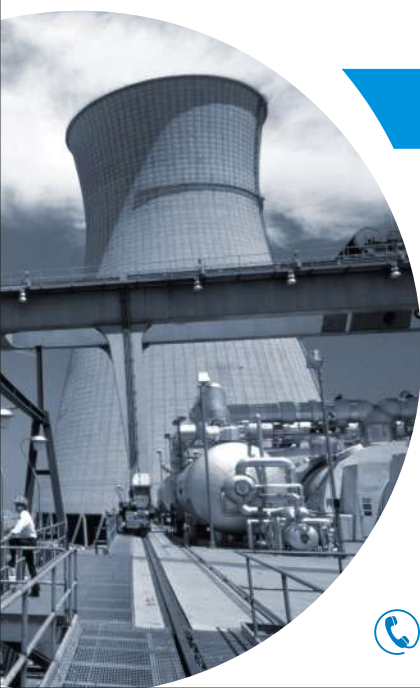
"NO COMPROMISE IN QUALITY" IS OUR MOTTO

Thus, main goal of **LEXICON METAL** is high quality products. We have adopted quality analyst personnel to ensure complete satisfaction to our clients. As there is always a scope of betterment we are continually improving upon quality of products.

We have a stringent parameters set for the quality which are followed by all our employees. They see to it that the products are in accordance with the national / international standards.

From the time of procurement of raw material till the final delivery of the products, at every stage, our products are checked for various chemical and mechanical properties using the equipment certified by the Government and its agencies.

Third Party Inspection



Larsen & Toubro Ltd.



EIL



Nuclear Power Corp.
of India Ltd.



Approved



Dept. of Atomic Energy



Electromech Engg.



DET NORSKE VERITAS



TATA Project



Lloyd's Register



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SHEETS / PLATE / COILS / SHIMS

SHEETS/PLATES & COILS DETAILS

S. S. Sheets & Plates as per ASTM A240, Gr. TP 304, 304L, 304H, 309, 309S, 310, 316, 316L, 316H, 316LN, 316Ti, 317, 317L, 321, 321H, 347, 348, 3487H, 409, 410, 420, 430 etc.

Alloy Steel Plates : as per ASTM A387 Gr. 2, 5, 9, 11, 12 & 22 in class 1 & 2 ASTM A 204 Gr. A & B, DIN 17175 Gr. 15Mo3 & 16Mo3 with IBR Test Certificate.

Carbon Steel / Boiler Quality Plates : as per IS 2062/ASTM A36, Gr. A, B & C, IS 2002 Gr. 1 & 2 ASTM A 516 Gr. 60 & 70, ASTM A 515 Gr.70

Hardox Plate : 400 / 500

Range: 0.5 mm To 200 mm thick in 1000 mm TO 2500 mm width & 2500 mm to 12500 mm length available with NACE MR 01-75

Finish : HR No. 1, CR/2B, BA, Matt PVC, Chequered

Titanium	: Gr. 1, 2, 5, 7, 9, 12, 23
	Tantalum, SMO 254, Alloy - 904L, Alloy 20, Alloy 330, etc.
Types	: Sheet, Plate, Coil
Thickness	: 1mm - 200mm

We are well known for quality supplier of Stainless steel and Carbon steel sheets and plates. We always aim to provide high quality sheets & Plates at most competitive price, high on quality and durability. These sheets and plates are available in different dimensions and material to ensure wider choice to our clients.

Product Range :

Nickel Alloys	: 201/200
Monel Alloy	: 400/K-500
Inconel	: 600, 601, 625, 825, 800 /800H /800HT
Hastalloy	: C22, C276, B-2000
Duplex &	: UNS-S 31803/ S 32205 / S 32304
Super Duplex	UNS-S 32750 / S 32760

ROUND / HEX / SQUARE BAR / WIRE ROPE

Size

Bright Bars : From 5mm Dia upto 350mm Dia
Black Bars : From 16mm Dia upto 350mm Dia
Square Bars : From 5mm Dia upto 250mm Dia
Hex Bars : From 5mm Dia upto 150mm Dia
Wires : 0.1mm Dia to 5mm Dia
Welding Electrodes : 2.6mm to 4mm Dia

Specification

Condition : Rolled, Forged, Annealed, Picked, Hot Rolled, Cold Roll

Grades

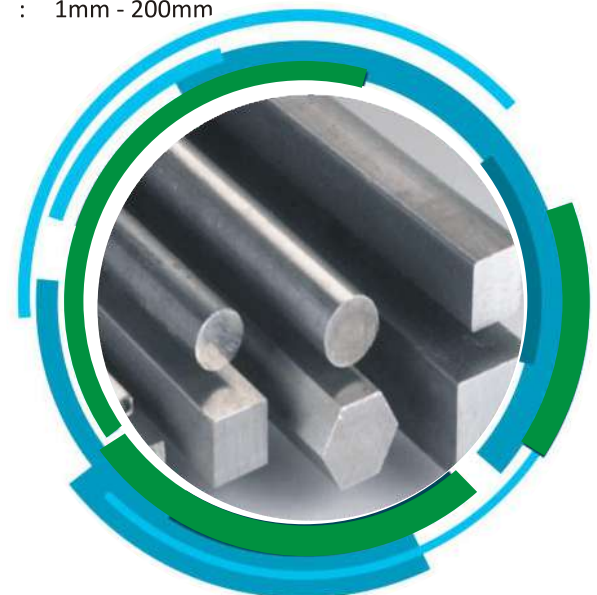
Stainless Steel : 304/304L, 316/316L/316Ti, 321, 310/310S, 317/317L, 347, 17-4Ph, 15-5Ph, 904L, 410, 420, 430, 431, 430F, 416, 440C etc.
Copper, Brass, Aluminium, Hast Alloy, Titanium, Monel, Inconel, Nickel, etc.
Duplex Steel : UNS 31803, UNS32205, UNS 32750, UNS 32760
Alloy Steel : F5, F9, F11, F22, F91.
Carbon Steel, Mild Steel, (EN Series)
Specification : ASTM, AISI, ASME, DIN, UNS etc.

Wire Rope

We are prominent dealers in Stainless Steel Wire Ropes - SS 304 and higher grades too - with properties of high fatigue strength and corrosion resistant.

The ropes are tested on multiples parameters to suit the critical requirements of chemical resistance and dimensional accuracy of modern infrastructural needs.

Size : 1mm to 40mm Grade : SS 304, SS 316



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PIPES & TUBES

Tubes

Size	: 6 mm OD to 355.60 mm OD
Thickness	: 0.6mm-10mm-Gauge : 22 SWG/BWG to 10 SWG/BWG
Form	: Round, Square, Rectangle, Coil, 'U' Shap
Length	: Standard Length & Cut Length
Stainless Steel	: ASTM A-213, A-249, A269-TP 304/304H/304L, 316/316H/316L/316Ti, TP 309, 310, 317L, 321, 347, 904 L etc.
Low Alloy Steel	: ASTM A 213 - T-11, T-12, T-22, T-5, T-9 etc.
Titanium	: Gr. 1, 2, 5, 7
Carbon Steel	: BS 3059 Gr. 360 / 440, SA 179, SA / ASTM A210 Gr. A1
Copper Nickel	: ASTM B111, C70600 (90:10), C71500 (70:30), C71640
Admiralty Brass	: ASTM B 111 C44300, C44400, C44500, C68700
Copper & Brass	: ASTM B 188 C11000, C12200, C26000, C27000, C28000
Nickel Alloy Tube	: Nickel, Monel, Inconel, Alloy 20 etc.
Specialize	: Capillary Tube, IBR Tubes, Copper Nickel Tube

Types Round | Rectangle | Square | Hydraulic

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Pipes

Stainless Steel & Duplex Steel Pipe

Size	: ½" to 30"
Schedule	: Sch. 5 to Sch. XXS
Stainless Steel	: ASTM A312, A358 - TP 304/304H/304L/316/316H/316L/316Ti/309/310/317/317L/321/347/904L
Duplex Steel	: ASTM A790 - UNS S31803, S32750, S32760, S32205

Alloy Steel, Carbon Steel & LTCS Pipe

Size	: 1/2" to 36"
Schedule	: Sch. 5 to Sch. XXS
Alloy Steel Pipe	: ASTM A335 Gr. P5, P9, P11, P12, P22 & P91
Carbon Steel	: ASTM A 106 Gr. B ASTM A53
Low Temp. Pipe	: ASTM A 333 Gr. 6
Line Pipe	: API 5L, X 42, 46, 52, 56, 60, 70
Mild Steel &	: IS 1239, IS 3589
Galvanized Pipe	

Copper & Nickel Alloys pipe

Size	: ½" NB to 10" NB
Standard	: 10S/40S/80S
Copper Nickel	: C70600 (90:10), C71500 (70:30), C71640
Nickel	: UNS N02200, N02201
Monel	: UNS N04400, N05500, Alloy 20
Inconel	: UNS N06600, N06601, N06625, N08800, N08810, N08825
Hastelloy	: UNS N10276, N06022, N10665, N06455

ANGLE / CHANNEL / FLAT BAR

Size »

Sizes of Angles :

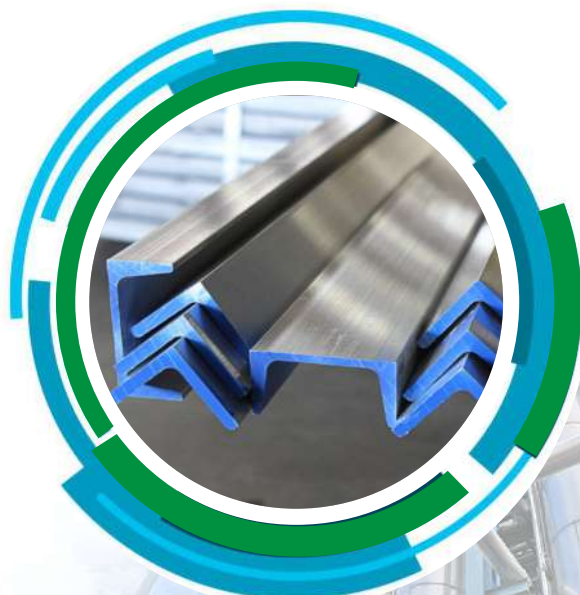
- 20mm to 150mm, in Thk = 3mm to 12mm

Sizes of Channels :

- 20mm to 500mm, in Thk = 3mm to 50mm

Grades

Stainless Steel : 304/304L, 316/316L/316Ti, 321, 310/310S, 317/317L, 347, 17-4Ph, 15-5Ph, 904L, 410, 420, 430, 431, 430F, 416, 440C etc.
 Copper, Brass, Aluminium, Hast Alloy, Titanium, Monel, Inconel, Nickel, etc.
 Duplex Steel : UNS 31803, UNS32205, UNS 32750, UNS 32760
 Alloy Steel : F5, F9, F11, F22, F91. Carbon Steel, Mild Steel, (EN Series)
 Specification : ASTM, AISI, ASME, DIN, UNS etc.





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FLANGES

FLANGES DETAILS

Materials Grades Available:

Stainless Steel: ASTM A182 F304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/ 310/ 347/ 904L etc.

Carbon Steel: ASTM A105/A694F42/46/52/56/60/65/ 70/A350 LF3/A350 LF2, etc.

Hot Dip Galvanizing, Sand Blasting

Alloy Steel : ASTM A182 F1/ F5/ F9/ F11/ F22/ F91 etc.

Others: Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, etc.

Types : Our range of include PN , Plate Blank Flanges, Screwed Bars, Spectacle, Blind, Lapped, Reducing , Welded, Socketweld, SORF, Threaded, Weldneck, Slipon, Blind, Socket Weld, Lap Joint, Spectacles, Ring Joint, Oriface, Long Weldneck, Deck Flange, RTJ Flange

Size: 1/2" NB TO 40" NB.

Class: 150#, 300#, 400#, 600#, 900#, 1500# & 2500#.

Nickel Alloys	: 201/200
Monel Alloy	: 400/K-500
Inconel	: 600, 601, 625, 825, 800 / 800H / 800HT
Hastalloy	: C22, C276, B-2000
Titanium	: Gr. 1, 2, 5, 7
Duplex & Super Duplex	: ASTM A 182 - F51, F53, F55
Types	: Weldneck, SORF, BLRF, Socket Weld, Lap Joint, Spectacles, Ring Joint, Oriface, Long Weldneck, Deck Flange, etc.
Size	: 1/2" NB TO 40" NB.
Class	: 150#, 300#, 400#, 600#, 900#, 1500# & 2500#.

FASTENERS

Stainless Steel : 303, 304/304L, 316/316L, 310, 321, 317/317L,

Carbon Steel : 4.6, 8.8, 10.9, 12.9.

Hot Dip Galvanizing, Sand Blasting

Duplex & Super Duplex : UNS S31803, UNS S32750, UNS S32760, UNS S3250, 254 SMO

Hastelloy Alloy : Hastelloy C4, Hastelloy B2, Hastelloy G30,

Hastelloy B3, Hastelloy C276, Hastelloy X, Hastelloy C22

Incoloy Alloys : Incoloy Alloy 20, Incoloy Alloy 800, Incoloy Alloy 800H/800HT, Incoloy Alloy 825, Incoloy Alloy 925, Incoloy Alloy A286

Monel Alloys : Monel 400, Monel R405, Monel K500.

Standard : ASTM A193 & 194

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Types :

- ANCHOR FASTENERS
- STUDS
- HEX HEAD BOLTS
- THREADED RODS
- SOCKET CAPS SCREW
- COUNTERSUNK BOLTS
- HEX NUTS
- FLAT / SPRING / LOCK WASHERS
- EYE BOLTS
- FOUNDATION BOLTS
- WASHERS
- REFRACTORY ANCHOR



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BUTT WELD FITTINGS

Stainless Steel : ASTM A403 WP 304 / 304L / 304H / 316 / 316L / 317 / 317L / 321 / 310 / 347 / 904L etc.

Carbon Steel : ASTM A234 WPB / A420 WPL3 / A420 WPL6 / MSS-SP-75 WPHY 42 / 46 / 52 / 56 / 60 / 65 / 70

Hot Dip Galvanizing, Sand Blasting

Alloy Steel : ASTM A234 WP1 / WP5 / WP9 / WP11 / WP22 / WP91 etc.

Others : Monel, Nickel, Inconel, Hastalloy, Duplex, Super Duplex, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead etc.

Size : 1/4" NB TO 32" NB (Seamless & Welded)

Wall Thickness : Sch. 5S To Sch. XXS.



FORGED FITTINGS

High Nickel	: Monel, Nickel, Inconel, Hastelloy
Stainless Steel	: ASTM A182, F304, 304L, 304H, 316, 316L, 317, 317L, 321, 310, 347, 904L
Carbon Steel	: ASTM A105, A694, F42, A350 LF2
	Hot Dip Galvanizing, Sand Blasting
Alloy Steel	: ASTM A182, F1, F5, F9, F11, F22, F91
Size	: 1/4 NB TO 4" NB
Class	: 2000#, 3000#, 6000#, 9000#

Types :

Elbow, Tee, Union, Cross, Coup Bushing, Plug, Swage Nipple, Welding Boss, Hexagon Nipple, Barrel Nipple, Welding Nipple, Parallel Nipple, Street Elbow, Hexagon Nut, Hose Nipple, Bend, Adapter, Insert, Weldolet, Elbowlet, Sockolet, Thredolet, Nipolet, Letrolet etc.

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Combining outstanding quality and value, **LEXICON METAL** is offering a comprehensive range of Butt weld fittings, Socket weld Fittings, and branch connection fittings. Our reputed engineering process precisely-engineer these fittings in complete compliance with the international quality standards. Further, to fulfill the ever changing demands of our clients, we are offering these fittings in various sizes, designs, grades and other specification. Offered fittings are highly known for their durability and dimensional accuracy.

Types : Elbow, Tee, ECC Reducer, CON Reducer, Stub-Ends (Short/Long), End Cap, Long Bend, Cross, Nipple, Insert etc.





DAIRY & SANITARY TUBE FITTINGS

USED FOR DAIRY, BIO-PHARMA & FOOD INDUSTRY (WELDED ENDS / EXPANDED ENDS) BEND, TEE, CROSS, REDUCER, UNION, VALVE CLAMP WITH FERRULE, CLAMP (PIPE HOLDING) WITH COUPLING, NIPPLE & BASE PLATE

RANGE : 1/2" (15 MM) OD to 12" (300 MM) THK OD 16swg, 14swg, 12swg

GRADE : AISI 304, 316, 316L.

STANDARD : SMS, IDF, DIN, ISO, ASME BPE etc.

FINISH : ELECTRO POLISHED / MIRROR / MATT FINISH

T.C FITTINGS FITTINGS

TC BEND, TC TEE, TC REDUCER, TC UNION, TC CLAMPS, TC LINER (FERRULES), TRI-CLOVER STANDARD FITTINGS IS WIDELY USED IN PHARMACEUTICALS & FOOD INDUSTRIES FOR ITS EASILY OPENING & CLEANING FACILITIES. IT CONSISTS OF TWO LINERS (FERRULES) & CLAMPS WHICH HOLDS BOTH THE LINES TOGETHER. GASKET IS HOUSED BETWEEN THE LINES TO GIVE LEAK PROOF SEALING.

RANGE : 1/2" (15MM) to 12" (300MM) (SUITABLE FOR OD & NB SIZE PIPE)

GRADE : AISI 304, 316, 316L

STANDARD : ISO, ASME BPE Standard.

FINISH POLISHED : ELECTRO POLISHED / MIRROR / MATT FINISH



FERRULE FITTINGS

HYDRAULIC, PNEUMATIC, FERRULE & FLARE FITTINGS IN STAINLESS STEEL (F304, 316 & 316L)

TYPE : DOUBLE FERRULE (SWAGEL OK TYPE), SINGLE FERRULE (PARKER TYPE) & DIN2353 (ERMETO TYPE)

SIZE : OD 2 MM to 50 MM (1/16" to 2"), NB 6MM to 40MM (1/4" to 1 1/2")

END CONNECTION : BSP, NPT, BSPT, METRIC, UNF.

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