

Authorized dealers of

**JSL**  
JINDAL STAINLESS



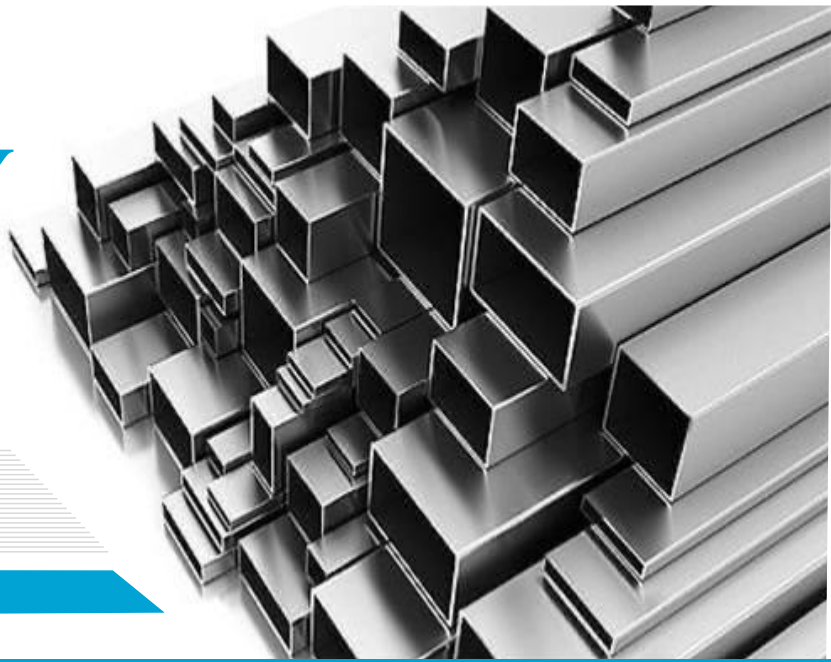
**RATNAM ALLOYS**

**STOCKISTS, EXPORTERS & SUPPLIERS OF  
STEEL PRODUCTS IN ALL SIZES & SHAPES.**

**PIPES & TUBES,  
FLANGES  
& FITTINGS,  
SHEETS & PLATES,  
RODS,  
FASTENERS,  
NUTS,  
BOLTS,  
ANGLES & CHANNELS.**



# COMPANY PROFILE



Ratnam Alloys is one of the leading stockists and suppliers of Coils, sheets, plates, pipes, tubes, rounds, wires, angles, channels, flat bars, flanges, pipe fittings viz. Valves, Elbows, Stubends, Tees, Reducer, Nut bolts, Washers, Fasteners in the following Ferrous & Non-Ferrous Metals -Stainless Steel, exotic alloys, carbon steel, alloy steel & non-ferrous metals.

We shall provide you Material test certificate, Gate Pass and arrange necessary material inspection by any third party if required. Over the years we are supplying our products in Domestic markets to Government, Public Sector, Private Sector & Multinational Companies.

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We have been regularly supplying materials to all over the country. Most of our clients are Government & Private sector under taking companies like Power, Defence, Fertilizer, Chemical, Petroleum, Pharmaceutical, Food Industries, Paper Mills, Distilleries, Valve Manufacturers etc. We try to provide all the material like pipes, tubes, plates, flanges, fittings, bars & customized forgings as per the customer's requirements. We Adhere to strict quality controls and delivery schedules to serve our customers. Our warehouse is strategically located at a distance of just 30kms from International Seaport & 40kms from International Airport to ensure quick & immediate dispatches. Your requirement is just a phonecall away.



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## PRODUCT RANGE

- + STAINLESS STEEL
- + CARBON STEEL
- + ALLOY STEEL
- + DUPLEX STEEL
- + SUPER DUPLEX STEEL

INCONEL

MONEL

HASTELLOY

TITANIUM

HIGH NICKEL ALLOYS

BRASS

COPPER

ALLUMINIUM

# GRADES

## STAINLESS STEEL

A213, A312 ( 304, 310, 316, 317, 321, 347, 410, 420, 440, 431, 904 )  
( L & H & Ti ) , A358 All of the above grades in Class 1, 3, 5 EN 1.4404 /  
1.4301 / 1.4307 / 1.4408 / 1.4438 / 1.4429 / 1.4541 / 1.4512 / 1.4539

## CARBON STEEL

A53, A106, A333, A671 ( B60, 65 ) AP15L ( X42, 52, 60, 65,  
( 60, 65, 70 ).S355J2. EN Series, JIS, etc

## ALLOY STEEL

A213, A312 ( P11, P22, P9, P5, P91, P92, etc )  
A691 ( CM 65, 70, 75, GR, CR, 1 1/4, 2 1/4, etc )

## DUPLEX & SUPER DUPLEX

UNS32750, 32205, 31803, 32760, 32950,  
17-4PH, 15-5PH, 1.4418, F-51, 53, 55, 60, etc.

## INCONEL

600, 601, 625, 718, 907, 909, 706, 617 UNS  
N 06600, N 06625, N 06601, etc

## INCOLOY

800/H/HT, 825, 925 ( UNS N 08800, N 08825 )

## MONEL

400, K 500, ( UNS N 04400 )

## HASTELLOY

B/B2/B3, C22, C276, C2000

## NICKEL ALLOY

200, 201 ( Ni 2061 ) Alloy 20/ UNS N 08020

## TITANIUM

GR 1,2,3,4,5,6,7,8,9,10,11,12

## CU-Ni

70/30, 90/10



# STAINLESS STEEL WELDED (ERW) PIPES

## LENGTH

Commercial Length -6000mm +/-30mm  
Fix length — From 1200mm up to 12000  
mm with a tolerance of upto -0/+5mm

## PRODUCTION NORMS

ASTM A249 - A269 - A312 - A358  
- A409 - A554 - A778 - A789 - A790

## SIZE RANGE

Round —6.35mm OD to 127mm OD.  
1/2'NB to 24'NB  
Square — 12.75X12.75 to 100X100  
Rectangle — 10X20 to 50X100

## GRADES

304/304L/310S/316/316L/  
316Ti/317/ 321/347/310/904/904L/  
(S31803)SAF2205/(S32750)  
SAF2507. DIN 1.4301 - 1.4306 -  
1.4845 - 1.4401- 1.4404 -1.4571 -  
1.4438 - 1.4541 - 1.455

## FINISH

Welded  
Brushed  
Pickled Solution annealed  
and pickled up to O.D. 219.1mm  
Mirror Polish  
Polish Grit 120-1200



# STAINLESS STEEL SEAMLESS PIPES



## LENGTH

From 5mtrs to 6.5mtrs  
Max length is 80'(24mtrs)

## SIZE RANGE

1/8"-48"  
(8mm - 1219mm)

## GRADES

304/304L/310S/316/316L/  
316Ti/317/321/347/310/904/904L/  
(S31803)SAF2205/(S32750)  
SAF2507. DIN 1.4301 - 1.4306 -  
1.4845 - 1.4401- 1.4404 -1.4571 -  
1.4438 - 1.4541 - 1.455

## PRODUCTION NORMS (STANDARDS)

ASTM A312 - A213 - A269  
- A376 - A511 - SA789 - SA790  
ANSI/ASME B36.10M - B36.19M  
EN-10216-5 / DIN 17456 - 17458  
JIS G3459, JIS G3463.

## FINISH

Export Finish & Industrial Finish



# SHEETS & PLATES

## GRADES

Stainless Steel: 200 Series, 300 Series, 400 Series, 904L, 17.4PH, 15.5PH, Duplex, Super Duplex, Monel, Inconel, Hastelloy, Titanium, Carbon steel, Alloy steel etc.

## SPECIFICATIONS

Surface: 2B, 2D, BA, NO.1, NO.4, NO.8, 8K, Mirror, Checkered, Embossed, HairLine, Sand Blast, Brush, Etching, Etc.

Thickness: 0.25mm - 100mm

Width: 250mm - 2000mm

Length: 1000mm - 6000mm

Form: Plain Sheet, Shim Sheet, Perforated Sheet, Chequered Plate, etc.

Standards: ASTM, ASME, AISI, DIN, BS, EN, IS, JIS & Other International Standards

# COILS & STRIPS

## GRADES

Stainless Steel: 200 Series, 300 Series, 400 Series, 904L, 17.4PH, 15.5PH, Duplex, Super Duplex, Monel, Inconel, Hastelloy, Titanium, Carbon steel, Alloy steel etc.

## SPECIFICATIONS

Surface: 2B, 2D, BA, NO.1, NO.4, NO.8, HL, etc.

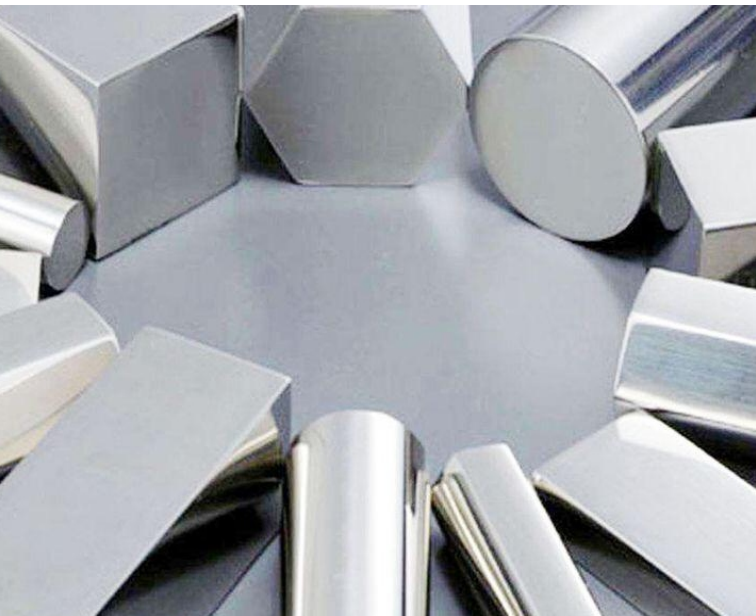
Thickness: 0.31mm - 12mm

Width: Strips - 3.2mm to 1500mm

Standards: ASTM, ASME, AISI, DIN, BS, EN, IS, JIS & Other International Standards







# BARS & RODS

## SPECIFICATIONS

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: From 0.1mm Dia upto 5mm  
Dia Length : 1 to 6 Meters, Custom Cut Lengths  
Standards: ASTM, ASME, AISI, DIN, BS, EN, IS, JIS & Other International Standards

## GRADES

Stainless Steel, Carbon Steel, Duplex Steel, Super Duplex, Inconel, Monel, Alloy steel, Hastelloy, Titanium, etc.

# FLANGES



## GRADES

Stainless Steel, Carbon Steel, Duplex Steel, Super Duplex, Inconel, Monel, Alloy steel, Hastelloy, Titanium, etc.

## SIZES AVAILABLE

1/8"NB upto 24"NB in 150#, 300#, 600#, 900#, 1200#, 1500#, 2500#, etc.

## SPECIFICATIONS

Types: Slip on Flanges (With & Without HUB), Weldneck Flanges, Socketweld Flanges, Lap Joint Flanges, Screwed Flanges, Long Weld Neck Flanges, Spectacle Flanges, Blind Flanges, Threaded Flanges, Orifice Flanges, Forged Flanges, Reducing Flanges, ANSI Flanges, ASME Flanges, API Flanges, BS Flanges, DIN Flanges, JIS Flanges, Industry Standard Flanges, EN 1092-1 Flanges.

Standards: ASTM, ASME, AISI, DIN, BS, EN, IS, JIS & Other International Standards.



## BUTT WELD FITTINGS



### GRADES

Stainless Steel, Carbon Steel, Duplex Steel, Super Duplex, Inconel, Monel, Alloy steel, Hastelloy, Titanium, etc.

### SPECIFICATIONS

Pipes: 1/8" NB upto 48" NB in Sch. 5, 10, 20, 30, 40, 80, 120, 140, 160, XS, XXS

Tubes: 1/8" OD upto 24" NB in 3000#, 6000#, 9000#

#### Types:

Seamless & ERW Buttweld Pipes Fittings: 45 Deg & 90 Deg Elbow (In Long & Short Radius), Equal Tee, Unequal Tee, Eccentric and Concentric Reduce, 'U'Bends, Nipple, Coupling, Crosses, Caps etc.

Standards: ASTM, ASME, AISI, DIN, BS, EN, IS, JIS & Other International Standards

## SOCKET WELD FITTINGS

### SPECIFICATIONS

Pipes: 1/8" NB upto 4" NB in 1500#, 3000#, 6000#, 9000#.

Types: Socket Weld (Forged): 45 Deg & 90 Deg Elbow (In Long and Short Radius), Equal Tee, Unequal Tee, Eccentric and Concentric Reducer Nipple, Coupling, Crosses, Caps, Weldolets, Sockolets, Threadolets, etc.

Standards: ASTM, ASME, AISI, DIN, BS, EN, IS, JIS & Other International Standards



### GRADES

Stainless Steel, Carbon Steel, Duplex Steel, Super Duplex, Inconel, Monel, Alloys steel, Hastelloy, Titanium, etc.

# FERRULE FITTINGS

## GRADES

Stainless Steel: 200 Series, 300 Series, 400 Series, 904L, 17.4PH, 15.5PH, Duplex, Super Duplex, Monel, Inconel, Hastelloy, Titanium, Carbon steel, Alloy steel etc.

## SPECIFICATIONS

Types: Straight Union, Union Elbow, Union Tee, Union Cross, Reducing Union, Reducing Tee, Bulkhead Union, Bulkhead, Union Elbow, Quick Release Coupling, Coupling, Plug & Union, Cap, Connector NPT, Female Elbow, Female Run Tee, Female Branch Tee, Male Connector NPT, Male Elbow NPT, Male Run Tee, Male Bulkhead Connector, Male Branch Tee, Swivel Adjustable Branch Tee, Swivel Adjustable Elbow, Swivel Adjustable Run Tee, Swivel Union, Swivel Union, Swivel Pipe Adaptor, Collar, etc.



## F A S T E N E R S



## GRADES

Stainless Steel, Carbon Steel, Duplex Steel, Super Duplex, Inconel, Monel, Alloys steel, Hastelloy, Titanium, etc.

## SPECIFICATIONS

Types: Nuts, Bolts, Screws, Washers, Gaskets, etc.

Size: M02 – M56 | 3/6" to 2" | Custom Sizes

Length: 3 mm to 200 mm | Custom Length

Standards: ASTM, ASME, AISI, DIN, BS, EN, IS, JIS & Other International Standards

# ANGLE

## GRADES

AISI 201, 202, 204cu, 304,  
304L, 316, 410, 420, 430

## SPECIFICATIONS

Finish: Hot Rolled Annealed &  
Pickled (HRAP)

Length: 3 to 7 Meters / 12 to 24 feet

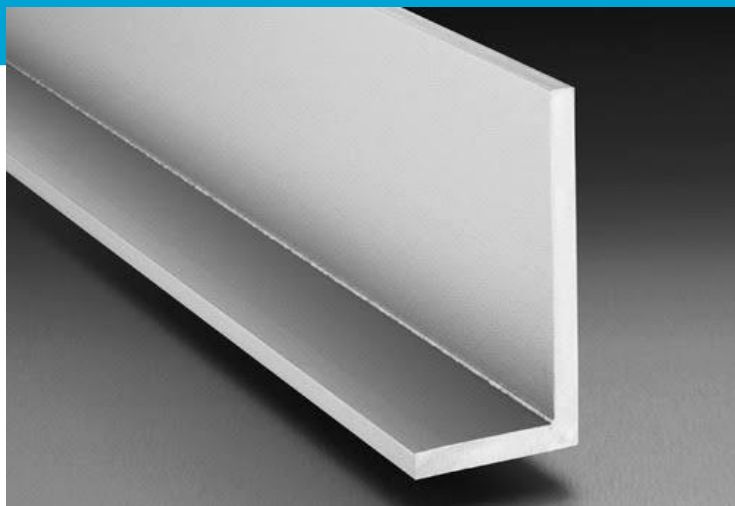
End Finish: Both ends are marked with special colors

Size tolerance : ASTM A276/484 / DIN 1028

Packing: Bars are packed in 500 to 1,000 kgs bundles  
in waterproof HDPE cloth

Standard Export Seaworthy.

Delivery: Within 60-70 Days from the order finalization



# U & C CHANNELS

## GRADES

201, 202, 301, 304, 304L, 304N, 304LN,  
309S, 310S, 316, 316L, 316Ti, 316N,  
316LN, 317, 317L, 347, 347H, etc

## SPECIFICATIONS

Diameter (Round bar) 4mm – 350mm

Size (Square bar) 6 x 6mm – 50 x 50mm

Size (Flat Bar) 2x10mm – 100x1000mm

Size (Channel Bar) 40mm\*20mm ~ 300mm\*300mm

Thickness (Flat Bar) 0.5mm – 150mm

Width (Flat Bar) 100mm – 120mm

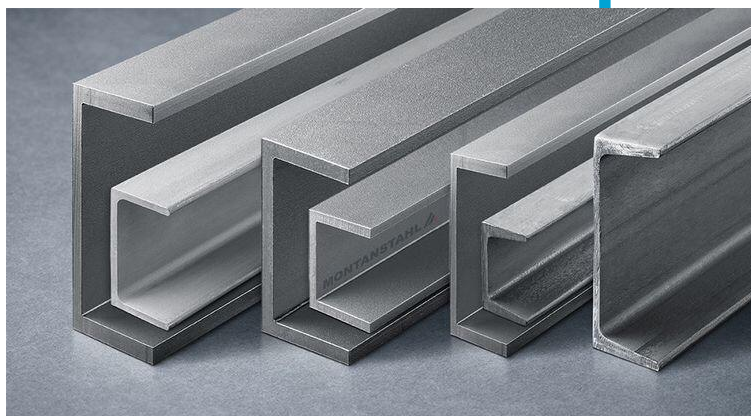
Thickness (Angle Bar) 3.0mm – 120mm

Price term FOB/CIF/CNF or as required

Length- 3MTR, 4MTR, 5MTR, 6MTR, or Custom Cut Sizes

Shape- Stainless steel Channel/Round/Flat/Square/Angle/  
Hexagonal Bar

Standard ASTM A 276/A 276M, A 484/A 484M, A 564/A 564M,  
A 582/A 582M, A 638 /A 638M, A 705/A 705M





# DECORATIVE SHEETS

## GRADES

Stainless Steel: 200 Series,  
300 Series, 400 Series.

## SPECIFICATIONS

Thickness: 0.3 to 5mm and more

Finish: No.8 Mirror, BA, No.4, Hairline  
(Anti Fingure Also Available)

Types: Double, Single & Mix Colour,  
Wooden, Marble, Sand Blast, Linen & more

Colours: Gold, Rose Gold, Blue, Black,  
Green, Purple, Pink & more

Dimensions: 8X4 / 4X10 / 5X10 and cut to size

Standards: ASTM, ASME, AISI, DIN, BS, EN,  
IS, JIS & Other International Standards.



# DECORATIVE PIPES

## GRADES

Stainless Steel: 200 Series,  
300 Series, 400 Series.

## SPECIFICATIONS

Thickness: 0.8 to 2mm and more

Finish: Polish, Mirror, Mill finish and  
More (Anti Fingure Also Available)

Types: Emboss, Curve, Slotted, Colour,  
Hairline, Sand Blast & Wooden.

Colours: Gold, Rose Gold, Rainbow,  
Blue & more

Dimensions: Round - upto 102mm OD,  
Rectangle - upto 100X80

Standards: ASTM, ASME, AISI, DIN, BS,  
EN, IS, JIS & Other International Standards.

