

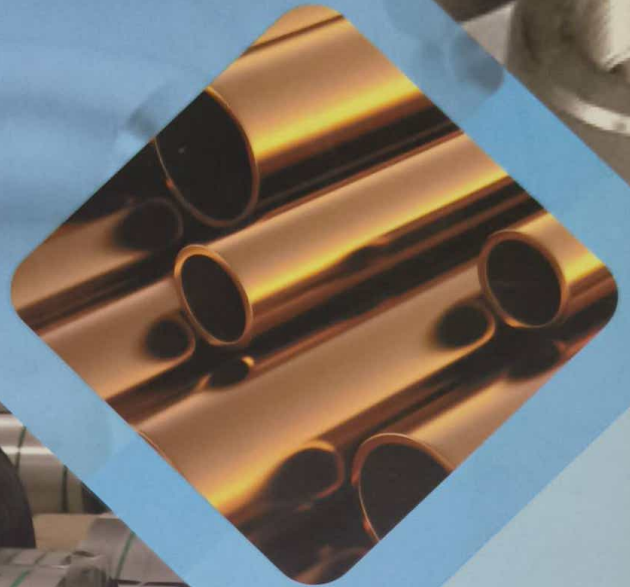


NUMAX STEELS



AN ISO 9001:2008 CERTIFIED COMPANY

"Your Steel Solution Provider"



Largest Stockist of
Nickel Alloy
Monel Alloy
Hastelloy
Inconel
Incoloy
Stainless Steel
Carbon Steel
Copper & Copper Alloy

Company Profile

NUMAX STEELS an ISO 9001 Certified Company. NUMAX STEELS is one of the experienced and professional Manufacturers, Exporters and Suppliers of Stainless Steel, Carbon Steel, Alloy Steel, Nickel Alloys and Titanium Alloys product in all sizes and forms like Pipe-Fittings, Flanges, Outlets Pipes&Tubes, Sheets, Plates, Coils, Round Bars, Angles, Channels, Flats and Fasteners.

We NUMAX STEELS work with the core objective of providing maximum customer satisfaction and are committed to continuously improve the quality of our products & services, to create value for our customers. Whether big or small, we respect all our clients and every care is taken to give them a pleasant and hassle-free business experience. We deliver our orders in bulk as well as economic order quantities and as a rule, the quality of our products and services always remains the same, regardless of specification or quantity desired.

Product Range

BUTTWELD FITTINGS

- Stainless Steel** : ASTM A403 WP304/304L/316/316L/317/321/310/347/904L etc.
Carbon Steel : ASTM A234WPB/A420 WPL3/ A420WPL6-MSS-SP-75 WPHY 42/46/52/56/60/65/70
Alloy Steel : ASTM A234 WP1/WP5/WP9/WP11/WP91 etc.
Others : Nickel, Monel, Inconel, Hastelloy, Titanium, Cupro-Nickel, Alloy 20, Incoloy, Duplex, Copper, Brass, Titanium, Tantalum, Aluminium, Zinc, Lead, etc.
Types : Elbow, Tee, Reducer, Return Bends, Stub-Ends, Cap, Collar, Cross, Insert etc.
Size : 1/4" NB to 32"NB (Seamless & Welded)



FORGED FITTINGS

- Material Grades**
Carbon Steel : ASTM A 105 / A694 F42 / 46 / 52 / 56 / 60 / 65 / 70 / A350 LF2&LF3
Alloy Steel : ASTM A182 F1 / F5 / F9 / F11 / F22 / F91 etc.
Stainless Steel : ASTM A 182 F304 / 304L / 304H / 316 / 316L / 317 / 317L / 321 / 310 / 347 / 904L etc.
Nickel Alloys : Monel 400 / K500, Nickel 200 / 201, Inconel 600 / 601 / 625 / 800 / 800H / 800 HT, Hastelloy C276 / C22, Titanium Gr1 / 2/5/7/12, Tantalum, Aluminium, Copper.
Types : Elbow, Tee, Union, Cross, Plug, Swage Nipple, Insert etc.
Size : 1/4" NB to 4" NB (Socketweld & Threaded)
Class : 3000#, 6000#, 9000# Available with NACE MR 01-75



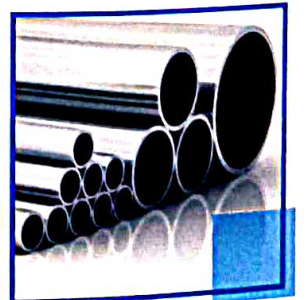
FLANGES

- Stainless Steel** : ASTM A182 F304/304L/304H/316/316L/317/317L/321/310/347/904L etc.
Carbon Steel : ASTM A105/A694/F42/46/52/56/60/65/70/A350 LF3/A350 LF2, etc.
Alloy Steel : ASTM A182 F1/F5/F9/F11/F22/F91 etc.
Others : Monel, Nickel, Inconel, Hastelloy, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, Duplex Steel, Cupro Nickel Etc.
Types : Weldneck, Slipon (SORF), Blind, Socket Weld, Lap Joint, Spectacles, Ring Joint, Orifice, Long Weldneck, Deck Flange, etc.
Size : 1/2" NB TO 24" NB
Class : 150#, 300#, 400#, 600#, 900#, 1500# & 2500#.



PIPES & TUBES

- Stainless Steel** : ASTM A312, A269, A213, A270, A249, TP304/304L/316/316L/317/321/310/347/904L etc.
Carbon Steel : ASTM A53 GR.B/A 106 GR.B/API5L GR.X42/ 46/52/56/60/70/A 333GR.6
Alloy Steel : ASTM A335 GR. P1/P5/P11/P22/P91 etc.
Others : Nickel, Monel, Inconel, Hastelloy, Titanium, Cupro-Nickel, Alloy 20, Incoloy, Duplex, Copper, Brass, Titanium, Tantalum, Aluminium, Zinc, Lead etc.
Size : 1/2 NB to 40"NB / 3mm OD to 10" OD - (Seamless & Welded)
Types : Round, Square, Rectangular.
Wall Thickness : Sch. 5S to Sch. XXS.



ROUND BARS

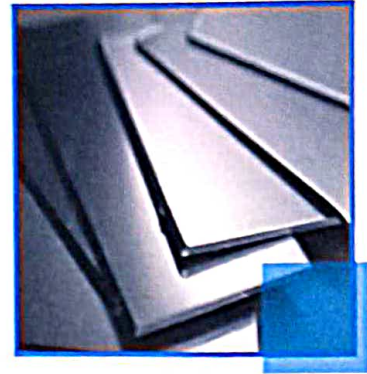
- Stainless Steel** : ASTM A276/ ASTM A484 / 202/303/ 304/304L/316/316L/316Ti/317/317L/321/310/ 347/410/420/430/431/904L etc, 174PH, 155PH,
Nickel Alloys : Monel, Inconel, Hastelloy, Nickel, Titanium, A-20, Nitronic 50 & 60, 17 4PH & 15 5PH
Types : Round, Square, Hex.
Size : 3mm-400mm
Finish : Bright, Black, Peeled & Export Bright



SHEETS, PLATES & COILS

Material Grade: Stainless Steel, Alloy Steel, Nickel Alloy, Carbon Steel & Other Ferrous & Non-Ferrous Metals.

| | |
|-----------------|---|
| Quality | : Prime |
| Grade | : Austenitic, Duplex, Martensitic, Ferritic |
| Surface | : 2B, 2D, BA, HL, No. 4, No.8, Hot Rolled & No.1 |
| Thickness | : 0.025mm to 100mm |
| Width | : 3.2mm to 2000mm |
| Stainless Steel | : ASTM A240 TP 304 / 304L/316/316L/316Ti/317/321/309/310/347/ 409/409M/410/430/441/904L etc. |
| Carbon Steel | : ASTM A36, ASTM A516, Grade 60 & 70 |
| Alloy Steel | : ASTM SA387 Class 1 & Class 2 GR1 / GR5 / GR9 / GR11 / GR22 / GR91 etc. |
| Others | : Nickel, Monel, Inconel, Hastelloy, Titanium, Cupro-Nickel, Alloy 20, Incoloy, Duplex, Copper, Brass, Titanium, Aluminium, Zinc, Lead, etc. |



OUTLETS

Types : Socket, Elbow, Threadolet, Flangeolet, Weldolet, Sweepolet, Letrolet & Nipolet

Material Grades

| | |
|-----------------|--|
| Carbon Steel | : ASTM A 105 / A694 F42 / 46 / 52 / 56 / 60 / 65 / 70 / A350 LF2&LF3 |
| Alloy Steel | : ASTM A182 F1 / F5 / F9 / F11 / F22 / F91 etc. |
| Stainless Steel | : ASTM A 182 F304 / 304L / 304H / 316 / 316L / 317 / 317L / 321 / 310 / 347 / 904L etc. |
| Nickel Alloys | : Monel 400 / K500, Nickel 200 / 201, Inconel 600 / 601 / 625 / S00 / S00H/ S00 HT, Hastelloy C276 / C22, Titanium Gr1 / 2/5/7/12, Tantalum, Aluminium, Copper. |
| Size | : 15 NB to 600 NB |
| Sch. | : 5S, 10S, 10, 20, 40S, 40, STD, 60, 80S, XS, 100, 120, 140, 160 & XXS |
| Class | : 3000#, 6000#, 9000# Available with NACE MR 01-75 |



IBR APPROVED MATERIALS

IBR Pipe & Tube Size : 1/2" NB TO 24" NB IN, 6.35mm OD upto 254mm OD in 0.6 to 20mm thk.

IBR Buttweld Fittings Size : 1/2" NB TO 14" NB IN

IBR Carbon Steel Pipe : ASTM A 53, A106 Gr. B, API 5L GR.B, API 5L X 42.

IBR LTCS Pipe : ASTM A333 Gr.6 And Gr.1

IBR Alloy Steel Pipe : ASTM / ASME A/SA 335 Gr. P 1, P 5, P 9, P 11, P 12, P 22, P 91

IBR Carbon Steel Tube : ASTM A 179 / A 210 Gr.A / BS 3059 Gr. 360 & 440.

IBR Alloy Steel Tube : ASTM / ASME A/SA 213 Gr. T 1, T 5, T 9, T 11, T 12, T 22, T 91

Materials IBR Carbon Steel Fitting: ASTM A 234 WPB

IBR LTCS Fittings : A420WPL6

IBR Alloy Steel Fitting: ASTM / ASME A/SA 234 Gr. WP 1, WP 5, WP 9, WP 11, WP 12, WP 22, WP 91

IBR Flanges: ASTM A105, IS 2062

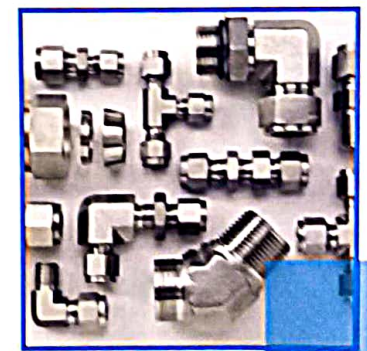


FERRULE FITTINGS & INSTRUMENTATION FITTINGS

As an ISO CERTIFIED Exporter we deals in large variety of Quality Ferrule & Instrumentation Fittings

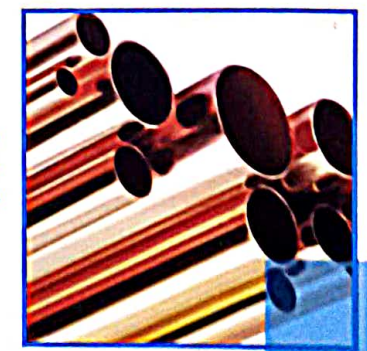
Which Includes the following:

- Male Connector
- Male Pipe Welded Connector
- Male Elbow
- Male Adapter
- Male Run tee
- Male Branch Tee
- Female Connector
- Tube Fitting
- Female Adapter
- Bulkhead Female Connector
- Female Elbow
- Female Run Tee
- Female Branch Tee
- Ferrule Union
- Elbow Union
- Pipe Fittings
- Ferrule Union Tee
- Reducing Union
- Elbow Union
- Ferrule Reducer
- Bulkhead Reducer
- Tube Cap
- Tube Plug
- Flare Fitting



COPPER & BRASS

we are one of the well known Manufacturer of Copper & Brass Pipe, Rods, Copper Section, Copper Tubes, Brass tubes, Copper Bars, Copper Capillary Tubes, Cupro Nickel Pipes-90/10, 70/30, 80/20, Copper Fittings, Finned Tubes, Plumbing Tubes, PVC Coated Copper Tubes, Busbars, Strips Sheets, Flats, Copper Nickel Round bar, Aluminium Brass Tubes Etc.



Quality Policy

- To Strive for customer satisfaction by service and technological integration.
- All Departments are fully automated for complete chain management to offer best product quality & prompt service to customer.
- All our products pass through best of quality systems for material control, process control, testing, finishing etc.
- To maintain a competent work force through training and continual improvement of quality and safety management skills.
- Create a sense of responsibility amongst all members of the organization.
- To ensure continuous improvement of our quality management system & enabling us to stay ahead of competition

FORMULA FOR CALCULATING WEIGHT

1. WEIGHT OF STAINLESS STEEL PIPE

O.D. (mm) - Thick (mm) x 0.0248 = Wt. Per mtr.
O.D. (mm) - W.Thick (mm) x W.Thick (mm) x
0.00756 = Wt. Per Feet

2. WEIGHT OF STAINLESS STEEL ROUND BAR

Dia (mm) x Dia (mm) x 0.00623 = Wt. Per mtr.
Dia (mm) x Dia (mm) x 0.0019 = Wt. Per Feet

3. WEIGHT OF STAINLESS STEEL SQUARE BAR

Dia (mm) x Dia (mm) x 0.00788 = Wt. Per Mtr.
Dia (mm) x Dia (mm) x 0.0024 = Wt. Per Feet

4. WEIGHT OF STAINLESS STEEL HEXAGONAL BAR

Dia (mm) x Dia (mm) x 0.00680 = Wt. Per Mtr.
Dia (mm) x Dia (mm) x 0.002072 = Wt. Per Feet

5. WEIGHT OF STAINLESS STEEL FLAT BAR

Width (mm) x Thickness (mm) x 0.00798 =
Weight Per Mtr.

WEIGHT OF STAINLESS STEEL FLAT BAR

Width (mm) x Thickness (mm) x 0.00243 =
Weight Per Mtr.

6. WEIGHT OF STAINLESS STEEL SHEETS & PLATES

Length (Mtr) x Width (Mtr) x Thick (mm) x 8 =
Weight per Pc.
Length (Feet) x Width (Feet) x Thick (mm) x 3/4 =
Weight per Pc.

7. WEIGHT OF STAINLESS STEEL CIRCLE

Dia (mm) x Dia (mm) x Thick (mm) / 160 = Gms. Per Pc.
Dia (mm) x Dia (mm) x Thick (mm) x 0.000063 =
Kg. Per Pc.

8. WEIGHT OF BRASS PIPE / COPPER PIPES

O.D.(mm) - W.Thick (mm) x W.Thick (mm) x 0.0260 =
Wt. Per Pc.

9. WEIGHT LEAD PIPE

O.D.(mm) - W.Thick (mm) x Thick (mm) x
0.0345 = Wt. Per Pc.

10. WEIGHT OF ALUMINUM PIPE

O.D.(mm) - W.Thick (mm) x W. Thick (mm) x
0.0083 = Wt. Per Mtr.

11. WEIGHT OF ALUMINUM SHEET

Length (Mtr.) x Width (Mtr.) x Thick (mm) x
2.69 = Weight Per Pc.

12. WEIGHT CONVERSION OF MTR. TO FT. WT. OF 1 MTR X 3.2808 = FEET.

13. BARLOW'S FORMULA FOR CALCULATING BURSTING PRESSURE

$P = 2 ST / D$ or $t - DP / 2S$ or $S - DP / 2T$
or $D = 2St / P$

P = Bursting Pressure P Si.,

S = Tensile Strength of tubes,

T = Wall Thickness (in inches),

D = Outside Diameter (in inches)

14. PRESSURE CONVERSION :

kg / cm² x 1422.3 = PSI = kg / cm² x 14.223

1 Foot = 0.3048 meter

1 Meter = 3.2808 feet

1 Inch = 25.4 mm

1 Pound = 0.454 (45359243) kgs

15. FORMULA FOR HEALTHY BUSINESS

Honestly + Quality of Goods + Quick Service

= GOOD HEALTHY BUSINESS



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AN ISO 9001:2008 CERTIFIED COMPANY

Radha Krishna Temple Bldg No.29,
1st Floor, Office No. 10,
4th Kumbharwada lane, Mumbai-400 004

Tel: +91 22 66394257 / 66595952/53

Fax: +91 22-23880489

Email: numaxsteels@hotmail.com

info@numaxsteels.com

Website: www.numaxsteels.com

www.copperalloypipestubes.com

www.pipetubefitting.com