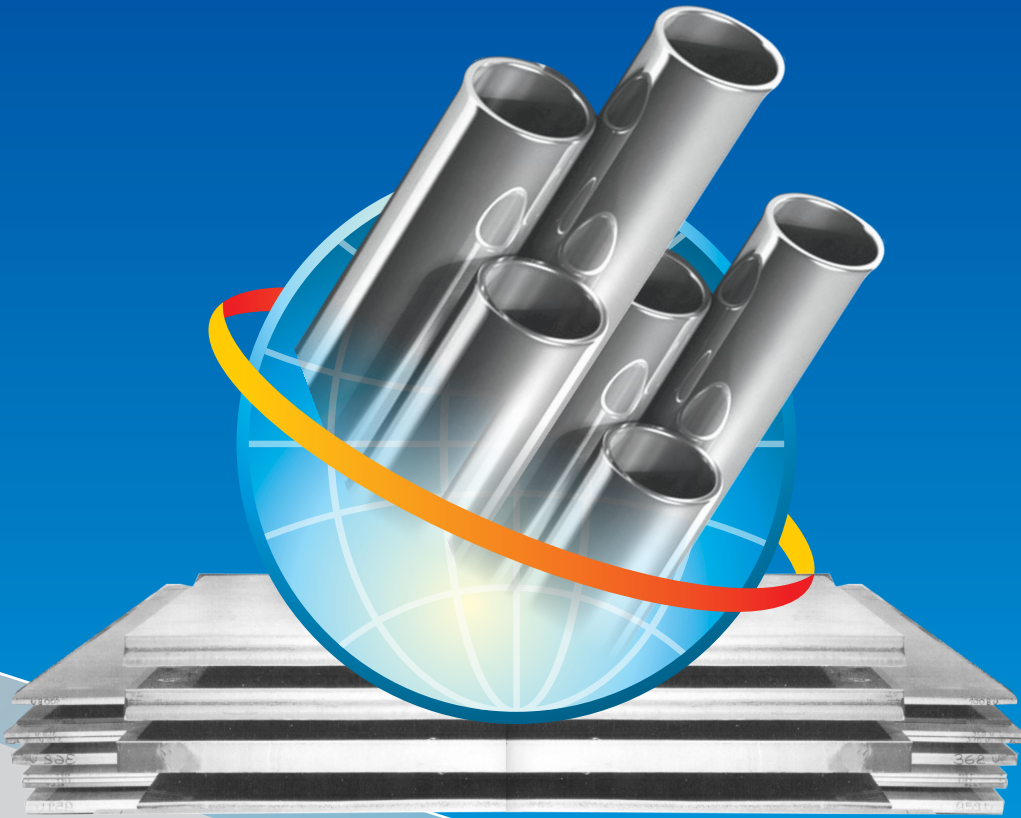


**CUSTOMER SATISFACTION BY PROVIDING
WORLD CLASS PRODUCT & SERVICE**



BALAJI INOX INC

AN ISO 9001:2015 CERTIFIED COMPANY

**Manufacturing, Stockists & Suppliers :
Stainless Steel, Ferrous & Non-Ferrous Industrial Raw Metals**



BALAJI INOX INC

AN ISO 9001:2015 CERTIFIED COMPANY



BALAJI INOX INC

AN ISO 9001:2015 CERTIFIED COMPANY

Existence Verification

Name : BALAJI INOX INC
Address : Shop No. 11, Ground Floor, Chandan Signature,
1st Carpenter Street, Mumbai -400 004.
Contact Telephone(s) : +(91)-(22)-6743 7157 / 6615 1477
E-mail : Admin@balajiinox.in / Arvind@balajiinox.in
Web. : www.balajiinox.in

Contact Person :

ARVIND CHOUDHARY - 8968961436

Credibility Factors & Affiliations

Year of Establishment : 2023

Statutory Approvals

ISO Certificate : ISO 9001:2015
GSTIN : 27CMKPC9377E1ZQ
PAN NO. : CMKPC9377E

Testing & Inspection

ANY TPI AGENCY - TUV NORD
BUREAU VERITAS, PDIL, TPL, LLYODS &
NABL LAB TESTING.

Bank Details

Bank Name : HDFC BANK
IFSC CODE : HDFC0000626
Branch : NULL BAZAR BRANCH
A/c. No. : 50200089598298



Stainless Steel : AISI 202, 303, 304, 304L, 316, 316L, 310, 317, 320 etc.



Angles Bars

| Width (mm) | Thickness (mm) | Width (inch) | Thickness (inch) |
|------------|----------------|-----------------|------------------|
| 19 x 19 | 3 to 4 | 3/4" x 3/4" | 1/8" to 3/16" |
| 20 x 20 | 3 to 4 | – | – |
| 25 x 25 | 3 to 6 | 1" x 1" | 1/8" to 3/16" |
| 30 x 30 | 3 to 6 | – | – |
| 32 x 32 | 3 to 6 | 1-1/4" x 1-1/4" | 1/8" to 1/4" |
| 35 x 35 | 3 to 5 | – | – |
| 38 x 38 | 3 to 6 | 1-1/2" x 1-1/2" | 1/8" to 1/4" |
| 40 x 40 | 3 to 6 | – | – |
| 45 x 45 | 3 to 5 | – | – |
| 50 x 50 | 3 to 6 | 2" x 2" | 1/8" to 1/4" |
| 60 x 60 | 5 to 6 | 2-1/4" x 2-1/4" | 3/16" to 1/4" |
| 65 x 65 | 5 to 10 | 2-1/2" x 2-1/2" | 3/16" to 5/8" |
| 70 x 70 | 7 to 10 | 2-3/4" x 2-3/4" | 1/4" to 3/8" |
| 75 x 75 | 6 to 10 | 3" x 3" | 1/4" to 3/8" |
| 80 x 80 | 6 to 10 | 3-1/4" x 3-1/4" | 1/4" to 3/8" |
| 100 x 100 | 6 to 10 | 4" x 4" | 1/4" to 3/8" |

Flats Bars

| Width (mm) | Thickness (mm) | Width (inch) | Thickness (inch) |
|------------|----------------|--------------|------------------|
| 20 | 5 to 10 | 3/4" | 3/16" to 3/8" |
| 25 | 3 to 12 | 1" | 1/8" to 1/2" |
| 30 | 3 to 10 | 1-1/4" | 1/8" to 3/8" |
| 32 | 3 to 16 | 1-1/2" | 1/8" to 1" |
| 40 | 3 to 25 | 2" | 1/8" to 1-1/4" |
| 50 | 3 to 32 | 2-1/2" | 3/16" to 1-1/4" |
| 65 | 6 to 32 | 3" | 3/16" to 1-1/4" |
| 75 | 7 to 32 | 3-1/2" | 3/16" to 1-1/4" |
| 90 | 7 to 32 | 4" | 3/16" to 1-1/4" |
| 100 | 7 to 32 | – | – |

Supply Conditions

- Hot Rolled Straightened & Pickled
- Hot Rolled Straightened, Solution Annealed & Pickled (HRAP), Shot Blasting Finish
- Hot Rolled, Straightened, Pickled & Ground
- Cold Drawn Flat Bars



Stainless Steel : AISI 202, 303, 304, 304L, 316, 316L, 310, 317, 321, 347, 410, 420, 904L etc.



Round Bars

| Size Range (mm) | Size Range (inch) | Supply Condition | Tolerance |
|-----------------|-------------------|---|------------------------------|
| 3 to 10 | 1/8" to 3/8" | Cold Drawn + Polished | h8, h9, h10, h11, ASTM A-484 |
| 11 to 16 | 7/16" to 5/8" | Cold Drawn + Centerless Ground + Polished | h8, h9, h10, h11, ASTM A-484 |
| 17 to 50 | 5/8" to 2" | Peeled + Centerless Ground + Polished | h8, h9, h10, h11, ASTM A-484 |
| 50 to 100 | 2" to 4" | Peeled + Polished | h10, h11, ASTM A-484 |
| 100 to 130 | 4" to 5" | Peeled + Polished | h11, ASTM A-484 |
| 135 to 500 | 5.1/2" to 20" | Forged + Machined | +/- 2.50 mm |

Square Bars

| Size Range (mm) | Size Range (inch) | Supply Condition | Tolerance |
|-----------------|-------------------|--------------------------------|-----------------|
| 5 to 60 | 3/16" to 2.1/4" | Cold Drawn | h11, ASTM A-484 |
| 5 to 60 | 3/16" to 2.1/4" | Cold Drawn + Ground + polished | h11, ASTM A-484 |

Hexagonal Bars

| Size Range (mm) | Size Range (inch) | Supply Condition | Tolerance |
|-----------------|-------------------|--------------------------------|-----------------|
| 5 to 60 | 3/16" to 2.1/4" | Cold Drawn | h11, ASTM A-484 |
| 5 to 60 | 3/16" to 2.1/4" | Cold Drawn + Ground + polished | h11, ASTM A-484 |

Supply Conditions

- Annealed / Solution Annealed
- Pickled
- Hardened & Tempered
- Centerless Ground
- Smooth Turned Centerless Ground and Polished
- Cold Drawn
- Buffed (Mirror Polished)
- Forged & Machined
- Belt polished as per customer requirement.



Pipe Fittings

| Items | Seamless | Welded |
|---|---------------------------------------|----------|
| 90° & 45° Elbows | Upto 24" | Upto 42" |
| Equal & Reducing Tees | Upto 24" | Upto 36" |
| Concentric & Eccentric Reducers | Upto 24" | Upto 48" |
| End Caps | Upto 24" | |
| Return Bends | Upto 8" | |
| Cross | Upto 8" | Upto 36" |
| Swage Nipple | Upto 4" | |
| Special Fittings: Piggable Bends, 3D, 5D, 10D etc. customized bends, miter bends | Dimensions made available on request. | |
| Thickness: In all schedules (thickness) for seamless construction and upto 50mm wall thickness for welded construction | | |



*****Other special dimensions are available on request.**

| | |
|----------------------|---|
| Dimension Standards: | ANSI B16.9, ASME B16.25, MSS SP 75, MSS SP 43 |
| Certification: | EN 10204 3.1/3.2 |

MATERIAL SPECIFICATION:

| | |
|-------------------------------|--|
| Carbon Steel: | ASME/ASTM: SA/A 234 WPB/WPC |
| Alloy Steel: | ASME/ASTM: SA/A 234 WP1/11/12/22/5/9/91 |
| Low Temperature Carbon Steel: | ASME/ASTM SA/A420 WPL6 |
| Stainless Steel: | ASME/ASTM SA/A 403 WP304/L/H, 316/L/H/TI, 321/H, 347/H, 317L, 310S, 904L |
| Duplex Steel: | ASME/ASTM SA/A815 S31803, S32750, S32760, S32205 |
| Nickel Alloy: | ASME/ASTM SB/B366 Nickel 200/201, Monel 400/500, Incoloy 800/800H/800HT/825, Inconel 600/601/625/718, Hastelloy C22/C276 |
| High Yield Carbon Steel: | MSS SP 75 WPHY 42-46-52-60-65-70 |
| Titanium: | ASME/ASTM SB/B363 WPT-2 |
| Cupro Nickel: | Cu Ni 90/10, 70/30 |





Flanges

Weld Neck Lap Joint Spacers
 Blind Long Weld Neck Spades
 Socket Weld Spectacle Blind Orifice Flange
 Nipo Flange Anchor Flange Drip Rings

Flanges are available in Raised Face, Ring Joint and Flat Face types.



| Dimension Standards | Size Range | Ratings |
|----------------------|----------------|-----------------------|
| ASME/ANSI B16.5 | 1/2" to 24" | 150# to 2500# |
| MSS SP 44 | 12" to 60" | 150# to 900# |
| ASME/B16.47/API 605 | 26" to 60" | |
| ASME/ANSI/B16.36 | 1" to 24" | 300# to 2500# |
| BS 3293 | 26" to 48" | 150# to 600# |
| ASME B16.48/ API 590 | 1/2" to 24" | 150 to 2500# |
| API 6A | 2 1/16" to 30" | 2000 PSI TO 20000 PSI |
| DIN | DN10 to DN3600 | PN6 TO PN160 |

Pipes & Tubes

GRADES AVAILABLE

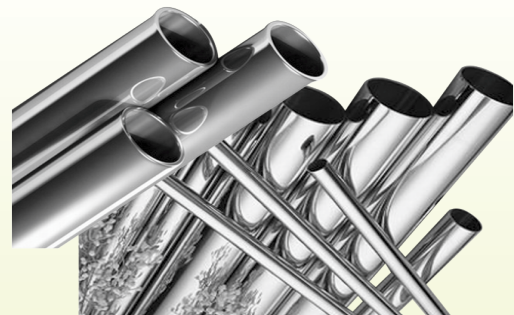
| | | | | | |
|---|--|---|---|--------------------------------|---|
| Austenitic 304 / L / H / LN 316 / L / H / LN / Ti 321 / H / 317 / L 347 / H / 310S / H 316 Ti | Super Austenitic N08904 (904L) S31254 (6Mo) N08367 S30432 S31042 | Duplex Grades S32304 S31500 S31803 S32205 S32750 S32760 | Nickel Alloys N04400 N08800 N06600 N08810 N06690 N08811 N06625 N08825 N06985 N10276 N08028 | Ferritic 409L 439 | Carbon Steel 106 GR B X42, X 46 X 52 X 56 X 60 X 70 A333 GR 6 |
| Alloy Steel P5, P9 P11, P22 P91 | Titanium Grade 1 Grade 2 | PH Stainless 17-4PH 15-5PH | Others Cu Ni 90/10, 70/30 brass , copper 4130 | | |

DIMENSIONS

| Products | O.D.(mm) | W.T.(mm) |
|----------|----------|----------|
| Seamless | 6 - 711 | 0.5 - 35 |
| Welded | 6 - 3000 | 0.5 - 65 |

SURFACE POLISH/COATING

- Surface polish 180,200,360, 400 GRIT
- Bright Annealed
- FBE (Fusion Bonded Epoxy) , 3layer Epoxy PE





Sheet, Plates & Coils

Size Range :

| | |
|-----------------------|--|
| Thickness: | 1 mm to 300mm |
| Dimensions: | Available as per request, cut piece also can be offered |
| Manufacturing Process | Hot Rolled, Cold Rolled |
| Finish: | Mirror Finish, No. 1 Finish, Mill Finish, 2B Finish, No. 8 Finish, BA Finish |



Material Specification:

| | |
|-----------------------------------|--|
| Stainless Steel: | ASME/ASTM SA/A240 304/H/L, 316/H/L/TI, 310S/317/L, 321/H, 347/H, 409, 410, 430, 431, 446 |
| Alloy Steel: | ASTM/ASME A/SA 387 Gr. 2/5/7/9/11/22/9/91 Cl. 1/2 |
| Boiler Quality Plates: | ASME/ASTM SA/A516 Gr. 55/60/65/70 |
| Duplex Super Duplex Steel Plates: | S31803, S32750, S32760 |
| Exotic Metals: | Inconel, Monel, Hastelloy, Incoloy, Titanium |
| Others | Corten Steel Plates, Hardox Plates, Brass, Copper, Cupro Nickel |

Fasteners

BOLTS :

| | | |
|----------------|---------|--------------|
| STUD BOLTS | U-BOLTS | T-HEAD BOLTS |
| HEX HEAD BOLTS | J-BOLTS | EYE BOLTS |

WASHER :

| | | |
|-----------------------------|--------------|---------------------------|
| Plain Washer | Star Washer | Tab Washer With 1 & 2 Tab |
| Plain Big & Small Od Washer | Tooth Washer | |

NUTS :

| | | |
|-----------------------|------------------|---------------------|
| Hexagon Nuts | Hexagon Thin Nut | Self Locking Nut |
| Hexagon Coupling Nuts | Square Nut | Hexagon Castle Nuts |

SCREW :

| | |
|---------------------------|------------------------------|
| Pan Head Slotted Screws | Socket Head Allen Cap Screws |
| Chese Head Slotted Screws | CSK Screws |

Material Specification:

| | |
|------------------|--|
| Stainless Steel: | 304/L/H, 316/L/H/TI, 321/H, 347/H, 317L, 310S, 904L |
| Duplex Steel: | S31803, S32750, S32760, S32205 |
| Exotics: | Titanium, Nickel, Inconel, Monel, Hastelloy |
| Heat Resistant: | Nimonic |
| Non Ferrous: | Aluminium Bronze, Manganese Bronze, Aluminium, Phosphor Bronze, Cupro Nickel |





Instrument Fittings

Grade :

SS 304/L/H, 316/L/H/TI, 321/H, 347/H, 317L, 310S, 904L

Connectors

| | |
|----------------|------------------|
| Male Connector | Female Connector |
|----------------|------------------|

Union Fittings

| | |
|-----------------|-------------|
| Bulk head Union | Union Elbow |
|-----------------|-------------|

Elbow Fittings

| | |
|--------------------------|-------------------|
| Union Elbow | Male Elbow |
| Female Elbow | 45 Deg Male Elbow |
| Bulkhead 45 Degree Elbow | |

Tee Fittings

| | |
|----------------|-----------------|
| Female Run Tee | Male Branch Tee |
| Union Tee | |

End Closure fittings

| | |
|--------------------------|------------------|
| Fitting End Closure | Pipe End Closure |
| Nuts and Sleeve Fittings | Cross Fittings |

Threads

| | |
|-----|-----|
| NPT | BSP |
|-----|-----|

Size Range:

| | |
|-----------------------|----------------------|
| OD Sizes: 6mm to 38mm | Inch: 1/4" to 1 1/2" |
| Certification: | EN 10204 3.1/3.2 |



High Pressure Forge Fittings

Grade : SS 304/L/H, 316/L/H/TI, 321/H, 347/H, 317L, 310S, 904L

| Items | 3000# | 6000# | 9000# |
|--|---------|---------|---------|
| Elbows & Tees | Upto 4" | Upto 2" | Upto 2" |
| Union & Coupling | Upto 4" | Upto 2" | Upto 2" |
| Plugs, Caps | Upto 4" | Upto 2" | Upto 2" |
| Weldolets | | Upto 8" | |
| Thredolet, Sockolet, Flexolet, Latrolet, Elbolet, Sweepolet, Nipolet, Flangeolet | | Upto 4" | |

| | |
|----------------------|--|
| Dimension Standards: | ASME B16.11, ASME B16.5, ANSI B2.1, MSS SP 79, MSS SP 97, MSS SP 114 |
| Certification: | EN 10204 3.1/3.2 |





Quality Policy



We are committed to continuously upgrade our knowledge and skills to improve the efficiency of our organisation and strive for outstanding quality of our products.

We assure quality of our products by satisfying the customer's requirement and by perfecting our systems and procedures through involvement of our employees.

We promise to deliver : Quality service at the most reasonable price, at the right time, at the right place and with right documents.



Application Industries



- ◆ PHARMACY INDUSTRIES
- ◆ FOOD INDUSTRIES
- ◆ OIL & GAS INDUSTRIES
- ◆ TEXTILE INDUSTRIES
- ◆ CEMENT INDUSTRIES
- ◆ REFINERY PLANTS
- ◆ SHIP BUILDING
- ◆ HEAT EXCHANGERS
- ◆ CHEMICAL, FERTILIZERS
- ◆ PAPER & PULP MILLS
- ◆ SUGAR INDUSTRIES
- ◆ WATER PIPEING SYSTEMS
- ◆ BEVERAGE INDUSTRIES
- ◆ POWER PLANT, ENGINEERING
- ◆ OFFSHORE PLANT
- ◆ FABRICATION

Formula of Calculating Weight

01. Weight of S.S. Sheets & Plates :

$$\text{Length (mm)} \times \text{Width (mm)} \times \text{Thick (mm)} \times 0.000008 = \text{Wt. Per PC}$$

$$\text{Length (Fit)} \times \text{Width (Mtrs.)} \times \text{Thick (mm)} \times \frac{3}{4} = \text{Wt. Per PC}$$

02. Weight of S. S. Circle :

$$\text{Dia (mm)} \times \text{Dia (mm)} \times \text{Thick (mm)} / 160 = \text{Gms. Per PC}$$

$$\text{Dia (mm)} \times \text{Dia (mm)} \times \text{Thick (mm)} \times 0.0000063 = \text{Kg. Per PC}$$

03. Weight of S.S. Pipe

$$\text{O.D. (mm)} - \text{W. Thick (mm)} \times \text{W. Thick (mm)} \times 0.0248 = \text{Wt. Per Mtr.}$$

$$\text{O.D. (mm)} - \text{W. Thick (mm)} \times \text{W. Thick (mm)} \times 0.00758 = \text{Wt. Per Mtr.}$$

04. Weight of S. S. Round Bar :

$$\text{Dia (mm)} \times \text{Dia (mm)} \times 0.00623 = \text{Wt. Per Mtr.}$$

$$\text{Dia (mm)} \times \text{Dia. (mm)} \times 0.0019 = \text{Wt. Per Feet}$$

05. Weight of S.S. Square Bar

$$\text{Dia (mm)} \times \text{Dia (mm)} \times 0.00788 = \text{Wt. Per Mtr.}$$

$$\text{Dia (mm)} \times \text{Dia (mm)} \times 0.0024 = \text{Wt. Per Feet}$$

06. Weight of S.S. Hexagonal Bar

$$\text{Dia (mm)} \times \text{Dia (mm)} \times 0.00680 = \text{Wt. Per Mtr.}$$

$$\text{Dia (mm)} \times \text{Dia (mm)} \times 0.002072 = \text{Wt. Per Feet}$$

07. Weight of S.S. Flat Bar

$$\text{Width (mm)} \times \text{Thick (mm)} \times 0.00798 = \text{Wt. Per Mtr.}$$

$$\text{Width (mm)} \times \text{Thick (mm)} \times 0.00243 = \text{Wt. Per Feet}$$

08. Weight of Brass Pipe / Copper Pipe

$$\text{O.D. (mm)} - \text{Thick (mm)} \times \text{Thick (mm)} \times 0.0260 = \text{Wt. per Mtr.}$$

$$\text{O.D. (mm)} - \text{Wt. (mm)} \times \text{Wt. (mm)} \times 0.0345 = \text{Wt. Per Mtr.}$$

09. Weight of Aluminium Pipe

$$\text{O.D. (mm)} - \text{Thick (mm)} \times \text{Thick (mm)} \times 0.0083 = \text{Wt. Per Mtr.}$$

10. Weight of Aluminium Sheet

$$\text{Length (Mtr.)} \times \text{Width (Mtr.)} \times \text{Thick (mm)} \times 2.69 = \text{Wt. Per PC}$$

11. Weight of Conversation of Mtr. to Feet

$$\text{Wt. of 1 Mtr.} \div 3.2808 = \text{Wt. Per Feet}$$

12. Weight for Square / Rectangle Pipes

$$\text{Length from 4 Angle (OD)/3.14 -Thk.(mm) Thk.(mm) 0.00756} = \text{Kg/ Per Feet}$$

| | |
|---------|-------------------------|
| 1 Feet | = 0.3048 meter |
| 1 Mtr. | = 3.2808 Ft. |
| 1 Inch | = 25.4 mm |
| 1 Pound | = 0.454 (45359243) kgs. |



BALAJI INOX INC

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Manufacturer, Stockists & Suppliers :

Stainless Steel, Ferrous & Non-Ferrous Industrial Raw Material.
Stainless Steel, AISI 303, 304, 304L, 310, 316, 316L, 410, 431, Copper, Brass, Aluminium,
P.B. Lead. All Ferrous & Non-Ferrous Metal in form of Sheets,
Rod, Pipe, Square, Flat & Tube Inconel, 600, 800 Etc.

Contact Person : **ARVIND CHOUDHARY - 8968961436**

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