



VALCORE
— METAL INDUSTRIES —
Supplying Quality. Delivering Trust.



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Company Profile



Valcore Metal Industries was founded, it has been our mission to not only manufacture butt weld fittings, long radius (3D, 5D, Customized) bends and large diameter welded 2 Halves Pipe Fittings but also provide complete piping package solutions to our customers.

By flexibility, skill, experience and dedication to our work as well as long-standing relationships with leading manufacturers for all piping related products, we have become over the years a well-known and leading supplier to EPC and End users across the globe.

We have also become a ONE STOP SHOP for reliable Indian origin Piping Supplies for various stockists and traders around the world. Hard-to-find items, short delivery times, rare material grades and similar tasks are just as much our daily business as standard items from mass production. We find solutions for your individual requirements.

We have our own in-house inspection and commissioning staff enabling us to satisfy each customer's individual logistical requirements.

Quality Policy

Quality is our mission, the quality policy is our main tool in achieving it.
Utmost Satisfaction of client's expectation.
Innovative, Cost and time effective services
Consistent and Continuous quality improvement
Fulfillments of defined quality objective targets
Develop the organization as an International for excellence
Continuous evaluation of market to explore challenging areas of operation

The group is determined to improve productivity and focus continuously on and people



Testing Facility Available

- Chemical Analysis
- Hydrostatic
- Radiography
- Mechanical Tests
- Corrosion Test
- Miscellaneous Test
- Metallography Test
- Ultrasonic Test

Quality Policy

OUR EXCELLENCE...

Quality is our prime concern. We are able to maintain high quality standards through our committed personnel and sound infrastructure. We ensure that finest quality material is used for our products. For ensure the quality of each material, we are providing Materials Test Certificate along with supply. Our team of experts maintain a vigil on the quality of the products. Every single piece is attached with test certificates and reports. We are continually improving our quality to serve our clients better.



OUR FACILITIES...

We have a sound infrastructure. Our spacious warehouse has the capacity to store large quantities of products. We possess a team of experts who are sourcing products of international standard to keep abreast with the global markets. Our quality professionals have served as a beacon not only for us but also for the entire industry in establishing top-notch quality standards.



"Our Philosophy is long-term, since we believe that the key to lasting success is the formatting of long-term RELATIONSHIP with our clients."





VALCORE
METAL INDUSTRIES
Supplying Quality. Delivering Trust.





BUTTWELD FITTINGS

Stainless Steel

Size : 1/2"NB to 36"NB ANSI B 16.9 MSS-5P43
Schedule : 10S/40S/80S/160S/XXS
Specification : ASTM A403
Grade : 202, 303, 304, 304L, 304H, 316, 316L, 316Ti, 316H, 309S, 309H, 310S, 310H, 317, 317L, 321, 321H, 347, 347H, 904L, 409, 409M, 410, 420, 430, 431, 446, 441, 444, SMO 254, 253MA

Carbon Steel

Specification : ASTM A234 Gr.WPB, WPC, A420 Gr.WPL3, WPL6, WPL9

Alloy Steel

Specification : ASTM A234 Gr.WP1, WP5, WP9, WP11, WP12, WP22, WP91, P92

Duplex Steel

Specification : ASTM A815

Grade : UNS 531803, UNS 532205 (2205), UNS 532750 (2507), UNS 532760 (Zeron 100)

Nickel Alloy

Nickel
Grade : UNS N02200, UNS N02201

Inconel

Grade : UNS N06600, UNS N06625, UNS N08800, UNS N08810, UNS N08811, UNS N08825

Monel

Grade : UNS N04400, UNS N05500

Hastelloy

Grade : UNS N10276, UNS N06022, UNS N10665

Alloy 20

Grade : UNS N08020

Copper Nickel

Grade : UNS C70600 (90:10), UNS C71500 (70:30)

Titanium

Specification : ASTM B363
Grade : Gr.1 R 56250 (CP4), Gr.2 R 50400 (CP3), 50550 (CP2), Gr.4 50700 (CP1), Gr.7 52400, Gr.11 R 52250

Specification : ASTM B363

Grade : Gr.5 R 56400 (6Al-4V), Gr.23 R 56401 (6Al-4V-ELI), Gr.12 R 53400

TYPE

- SHORT RADIUS ELBOW
- LONG RADIUS ELBOW
- RETURN BEND
- EQUAL TEE
- REDUCING TEE
- END CAP
- CONCENTRIC REDUCER
- ECCENTRIC REDUCER
- LAP JOINT STUB END

Mill Test Certificate

- EN 10204 3.1/3.2
- NACE Mr0175
- IBR Test Certification



FORGED FITTINGS

Stainless Steel

Size : 1/2"NB to 4"NB (Socket Weld & Threaded)
Class : 3000#, 6000#, 9000# in ANSI B 16.11
Grade : 202, 303, 304, 304L, 304H, 316, 316L, 316Ti, 316H, 309S, 309H, 310S, 310H, 317, 317L, 321, 321H, 347, 347H, 904L, 409, 409M, 410, 420, 430, 431, 446, 441, 444, SMO 254, 253MA

Carbon Steel

Specification : ASTM A234 Gr.WPB, WPC, A420 Gr.WPL3, WPL6, WPL9

Alloy Steel

Specification : ASTM A234 Gr.WP1, WP5, WP9, WP11, WP12, WP22, WP91, P92

Duplex Steel

Specification : ASTM A815

Grade : UNS 531803, UNS 532205 (2205), UNS 532750 (2507), UNS 532760 (Zeron 100)

Nickel Alloy

Nickel
Grade : UNS N02200, UNS N02201

Inconel

Grade : UNS N06600, UNS N06625, UNS N08800, UNS N08810, UNS N08811, UNS N08825

Monel

Grade : UNS N04400, UNS N05500

Hastelloy

Grade : UNS N10276, UNS N06022, UNS N10665

Alloy 20

Grade : UNS N08020

Copper Nickel

Grade : UNS C70600 (90:10), UNS C71500 (70:30)

Titanium

Specification : ASTM B363
Grade : Gr.1 R 56250 (CP4), Gr.2 R 50400 (CP3), 50550 (CP2), Gr.4 50700 (CP1), Gr.7 52400, Gr.11 R 52250

Specification : ASTM B363

Grade : Gr.5 R 56400 (6Al-4V), Gr.23 R 56401 (6Al-4V-ELI), Gr.12 R 53400

TYPE

- Elbow (45 & 90 Deg)
- Coupling
- Tee
- Cap
- Union
- Plug
- Cross
- Bushing
- Swage Nipple

Mill Test Certificate

- EN 10204 3.1/3.2
- NACE Mr0175
- IBR Test Certification



BRANCH CONNECTORS

Stainless Steel

Size : 1/2"NB to 24"NB in Various Schedule
Class : 3000LBS, 6000LBS
Grade : 202, 303, 304, 304L, 304H, 316, 316L, 316Ti, 316H, 309S, 309H, 310S, 310H, 317, 317L, 321, 321H, 347, 347H, 904L, 409, 409M, 410, 420, 430, 431, 446, 441, 444, SMO 254, 253MA

Carbon Steel

Specification : ASTM A234 Gr.WPB, WPC, A420 Gr.WPL3, WPL6, WPL9

Alloy Steel

Specification : ASTM A234 Gr.WP1, WP5, WP9, WP11, WP12, WP22, WP91, P92

Duplex Steel

Specification : ASTM A815
Grade : UNS 531803, UNS 532205 (2205), UNS 532750 (2507), UNS 532760 (Zeron 100)

Nickel Alloy

Nickel
Grade : UNS N02200, UNS N02201

Inconel

Grade : UNS N06600, UNS N06625, UNS N08800, UNS N08810, UNS N08811, UNS N08825

Monel

Grade : UNS N04400, UNS N05500

Hastelloy

Grade : UNS N10276, UNS N06022, UNS N10665

Alloy 20

Grade : UNS N08020

Copper Nickel

Grade : UNS C70600 (90:10), UNS C71500 (70:30)

Titanium

Specification : ASTM B363
Grade : Gr.1 R 56250 (CP4), Gr.2 R 50400 (CP3), 50550 (CP2), Gr.4 50700 (CP1), Gr.7 52400, Gr.11 R 52250

Specification

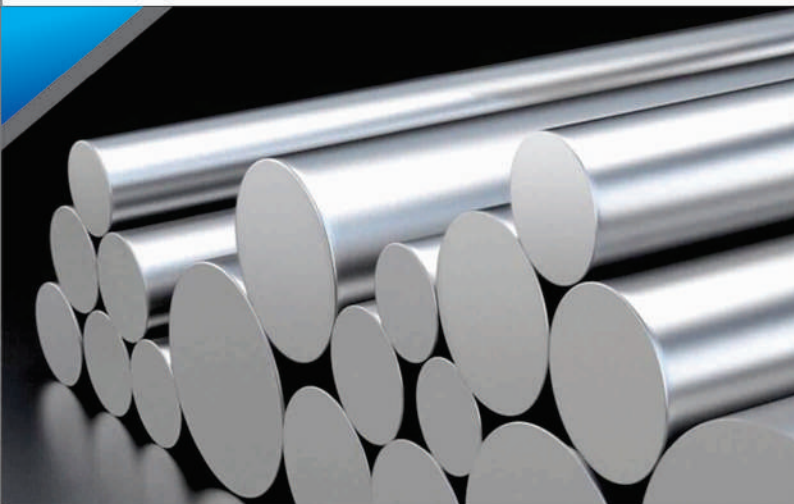
Grade : ASTM B363
Gr.5 R 56400 (6Al-4V), Gr.23 R 56401 (6Al-4V-ELI), Gr.12 R 53400

TYPE

- Weldolet
- Nipolet
- Sockolet
- Latrolet
- Elbolet
- Theadolet
- Sweepolet

Mill Test Certificate

- EN 10204 3.1/3.2
- NACE Mr0175
- IBR Test Certification



BARS & SHAFTS

Stainless Steel

Size : 5 mm to 500mm dia
Length : 500 mm to 6000 mm long and in cut to size
Form : Round, Square, Hex (A/F), Rectangle, Flat etc.
Grade : 202, 303, 304, 304L, 304H, 316, 316L, 316Ti, 316H, 309S, 309H, 310S, 310H, 317, 317L, 321, 321H, 347, 347H, 904L, 409, 409M, 410, 420, 430, 431, 446, 441, 444, SMO 254, 253MA

Carbon Steel

Specification : ASTM A234 Gr.WPB, WPC, A420 Gr.WPL3, WPL6, WPL9

Alloy Steel

Specification : ASTM A234 Gr.WP1, WP5, WP9, WP11, WP12, WP22, WP91, P92

Duplex Steel

Specification : ASTM A815
Grade : UNS 531803, UNS 532205 (2205), UNS 532750 (2507), UNS 532760 (Zeron 100)

Nickel Alloy

Nickel Grade : UNS N02200, UNS N02201

Inconel

Grade : UNS N06600, UNS N06625, UNS N08800, UNS N08810, UNS N08811, UNS N08825

Monel

Grade : UNS N04400, UNS N05500

Hastelloy

Grade : UNS N10276, UNS N06022, UNS N10665

Alloy 20

Grade : UNS N08020

Copper Nickel

Grade : UNS C70600 (90:10), UNS C71500 (70:30)

Titanium

Specification : ASTM B363
Grade : Gr.1 R 56250 (CP4), Gr.2 R 50400 (CP3), 50550 (CP2), Gr.4 50700 (CP1), Gr.7 52400, Gr.11 R 52250

Specification

Grade : ASTM B363
Gr.5 R 56400 (6Al-4V), Gr.23 R 56401 (6Al-4V-ELI), Gr.12 R 53400

TYPE

- Round
- Square
- Hex (A/F)
- Rectangle



Mill Test Certificate

- EN 10204 3.1/3.2
- NACE Mr0175
- IBR Test Certification



FLANGES

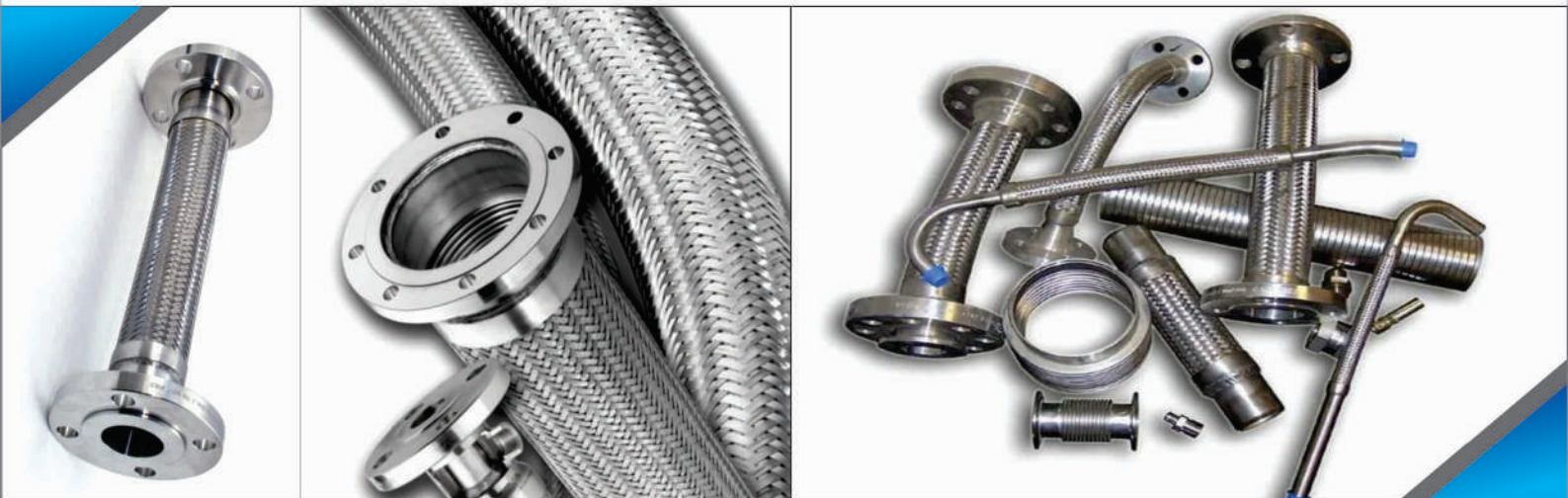
Size	: 1/2" NB TO 72" NB
Class	: 150#, 300#, 600#, 900#, 1500# & 2500#.
Standard	
	ANSI Flanges 150#, 300#, 600#, 900#, 1500# & 2500#.
A\NWA	: Class 2B, 2D, 4E, 5E, 6E
DIN	: PN6, PN100PN16, PN25, PN40
JIS	: 5K, 10K
BS	: Table D, E, F.

Stainless Steel	: ASTM A182, F304, 304L, 304H, 316, 316017, 317L, 321, 310, 347, 904L
Carbon Steel	: ASTM A105, A694, A181, F42, A350, LF2
Alloy Steel :	: ASTM A182 F1, F5, F9, F11, F22, F91
Duplex & Super Duplex :	: UNS S31803, UNS S32750, UNS S32760
Hastelloy Alloy	: ASTM B564 Hastelloy B2, C276, C22
Incolloy Alloys	: ASTM B564 Alloy 20, Alloy A286 Alloy 8001-1/800FIT, Alloy 825,
Inconel Alloys	: ASTM B554 Alloy 600, Alloy 601, Alloy 525, Alloy 718, Alloy 725,
Monel Alloys	: ASTM B554 Monel 400, Monel K500

TYPE

- PLATE BLANK FLANGE
- WELDNECK FLANGE
- LONG WELDNECK FLANGE
- SCREWED FLANGE
- BLIND FLANGE
- THREADED FLANGE
- LAP JOINT FLANGE
- ORIFACE FLANGE
- SILIPON FLANGE
- SOCKETWELD FLANGE
- RTJ FLANGE
- SPECTACLE FLANGE
- LARGE FLANGE
- DECK FLANGE
- REDUCING FLANGE

• EN 10204 3.1/3.2
Mill Test Certificate • NACE MR0175

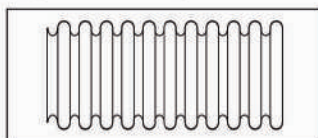


FLEXIBLE HOSES

HOSE



In modern industrial piping Flexible Metal Hoses are extensively used for good flexibility, corrosion resistance fatigue resistance, high and low temperature resistance -200°C to $+650^{\circ}\text{C}$, high pressure resistance and long service life. STAINLESS We offer Stainless steel corrugated flexible hoses & hose assemblies from 6mm (1/4") to 250 mm (10"). The annular corrugated hose body provides the flexibility and pressure tight core of the assembly. We also manufacture highly flexible close-pitch hose for Special Applications. Annular Profile Independent



Annular Profile
Independent corrugations,
straight and parallel

BRAID

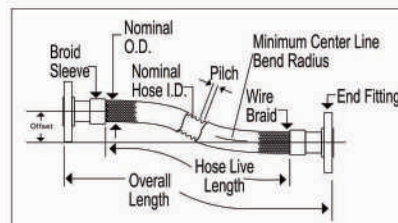
Unbraided corrugated hoses tend to elongate when pressurized above a certain level. To restrain this, an external layer of stainless steel wire braiding is provided on the hose. Braiding prevents longitudinal expansion of corrugated hose and thus increases the internal pressure strength of the hose many fold. Braiding is highly flexible and exactly follows the movements of the hose. To increase the pressure ratings further, two or even three layers of braiding are provided. Unless specified, braiding is normally manufactured in high tensile stainless steel AISI 304 wire, or stainless steel AISI 316. In case of bulk requirement, we also manufacture Braids as per client's requirements.



ASSEMBLIES & END CONNECTIONS



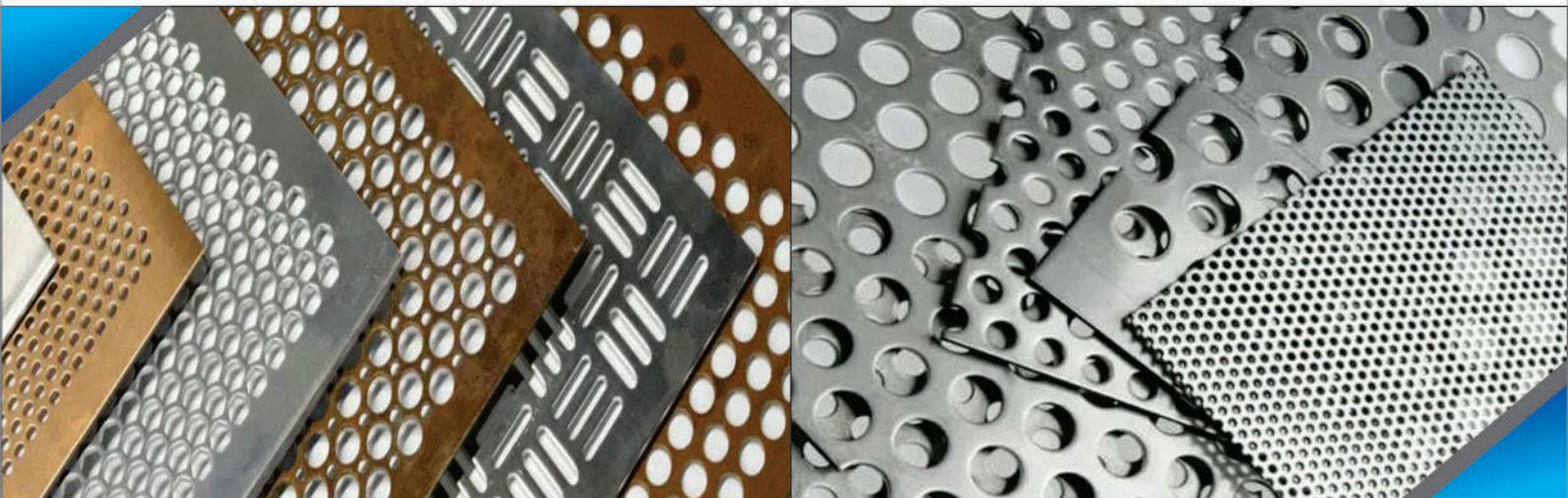
A hose assembly consists of a metal hose, with or without braid, with fittings, designed, manufactured and tested. Metro Metals can design and manufacture almost any kind of hose assembly, either from our standard program or customer's specification.



FLEXIBLE EXHAUST CONNECTION

A hose assembly consists of a metal hose, with or without braid, with fittings, designed, manufactured and tested. Metro Metals can design and manufacture almost any kind of hose assembly, either from our standard program or customer's specification. Our thin wall, flexible connector design offers an excellent characteristic of vibration and durability. Multi-ply construction available in all materials with diverse selection of material options, including special alloys for corrosion and temperature resistance. Flexibility vs. Stiffness can be customized as needed.

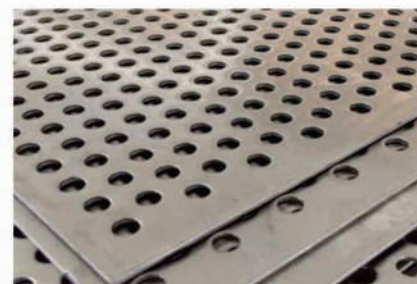




PERFORATED PRODUCTS

S.S. PERFORATED SHEET / COIL

Standards ASTM A 312 ASME SA 312 / ASTM A 358 ASME SA 358
Grades ASTM / ASME SA 240 304. 304L. 304H. 3095. 309H. 3105. 310H. 316. 316L, 316T1. 317. 317L. 321. 321H. 347 347H. 409. 410. 4105.430
Thickness 0.4mm=10mr | **Width** 100mm to 1500mm
Length 2000mm. 2440mm. 3000mm. 5800mm. 6000mm & with Coil Form etc
Types Round Holes Staggered Pitch, Round Holes Square Pitch, Square Perforations, Hexagonal Perforations, Slotted Perforations, Creative Line Edgings
Surface 28, 2D, BA, No.1. No.4. No.8. 8k. Mirror. checkered. Embossed. Hair ine Sand
Finish Hot rolled plate (HR), Cold rolled sheet (CR), 28, 20, BA, NO.8, SATIN (Met with Plastic Coated)
Form Coils, Foils, Rolls, Plain Sheet, Shim Sheet, Perforated Sheet, Chequered Plate, Strip, Flats, Blank (Circle), Ring (Flange) etc.



ROUND HOLE PERFORATED SHEET / COIL

Thickness 0 4mm - 10mm | **Width** 100mm to 1500mm
Length 2000mm, 2440mm, 3000mm, 5800mm, 6000mm & with Coil Form etc.
Types Round Holes Stageered Pitch, Round Holes Sauare Pitch. 28
Surface 28. 2D. BA, No.1, No.4, No.8, 8K, Mirror, Checkered, Embossed, Hair Line, Sand
Finish Hot rolled plate (HR), Cold rolled sheet (CR), 28, 2D, BA, NO.8, SATIN (Met with Plastic Coated)
Form Coils, Foils, Rolls, Plain Sheet, Perforated Sheet, Chequered Plate, Strip, Flats, Blank (Circle), Ring (flange) etc.



CAPSULE HOLE PERFORATED SHEET / COIL

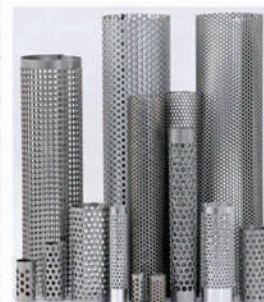
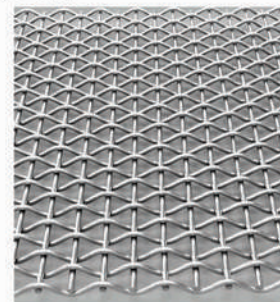
Thickness 0.4mm - 10mm | **Width** 100mm to 1500mm
Length 2000mm, 2440mm, 3000mm, 5800mm, 6000mm & with Colil Form etc
Type Capsule Holes Staggered Pitch, Capsule Holes Sauare Pitch
Surface 28, 2D, BA, NO.1, NO.4, NO.8, 8K, Mirror, Checkered, Embossed, Hair Line, Sand
Finish Hot rolled plate (HR), Cold rolled sheet (CR), 28. 20. BA, NO.8. SATIN (Met with Plastic Coated)
Form Coils, Foils, Rolls, Plain Sheet, Shim Sheet, Perforated Sheet, Chequered Plate, Strip, Flats, Blank (Circle), Ring (flange) etc

S. S. WELD MESH

Thickness 0.4mm-10mm S. S. Perforated Disc | **Width** 100mm to 1500mm
Length 2000mm, 2440mm, 3000mm, 5800mm, 6000mm & with Coil Form etc
Max 10 to 100 Max. | **Surface** 28, 2D, BA, NO.1, NO.4.

S. S. PERFORATED PIPE

Thickness 1mm - 5mm | **Width** 50mm to 1500mm
Length 2000mm, 2440mm, 2000mm, 5800mm, 6000mm & with Coil Etc.
Type Round Holes Staggered Pitch Round Holes Sauare Pitch.
Surface 2B, 2D. BA. NO.1. NO.4, NO.8. 8K. Mirror. Checkered, Embossed. Hair Line, Sand.
Finish Hot rolled plate (HR), Cold rolled sheet (CR). 2B. 2D. BA, NO.8. SATIN.





PIPES & TUBES

Stainless Steel

Size : 1/2"NB to 36"NB ANSI B 16.9 MSS-SP43

Schedule : Sch. 5 to Sch. XXS

Specification : ASTM A312, A249, A269, A358

Grade : 202, 303, 304, 304L, 304H, 316, 316L, 316Ti, 316H, 309S, 309H, 310S, 310H, 317, 317L, 321, 321H, 347, 347H, 904L, 409, 409M, 410, 420, 430, 431, 446, 441, 444, SMO 254, 253MA

Specification : ASTM A731, A268

Carbon Steel

Pipes

ASTM A106 Gr A, Gr B, Gr C, A53

Tubes

ASTM A179, A210 Gr. AL, BS 3059 Gr.360 / 440

Low Temp. (LTCS)

A333 Gr.6

Line Pipes

API 5L Gr.B, X42, X46, X52, X56, X60, X65, X70, X80

Alloy Steel

Pipes

Specification : ASTM A335

Grade : P1, P5, P9, P11, P12, P22, P91, P92

Tubes

Specification : ASTM A213

Grade : T1, T5, T9, T11, T12, T22, T91, T92

Duplex Steel

Specification : ASTM A789, A790

Grade : UNS 531803, UNS 532205 (2205), UNS 532750 (2507), UNS 532760 (Zeron 100)

Nickel Alloy

Nickel

Grade : UNS N02200, (AS N02201

Inconel : UNS N06600, UNS N06625, UNS N08800,

Grade : UNS N08810, UNS N08811, UNS N08825

Monel

Grade : UNS N04400, UNS N05500

Hastelloy

Grade : UNS N10276, UNS N06022, UNS N10665

Alloy 20

Grade : UNS N08020

Copper Nickel

Grade : UNS C70600 (90:10), UNS C71500 (70:30)

Titanium

Specification : B861, B862, B338

Grade : Gr.1 R 55250 (CP4), Gr.2 R 50400 (CP3)
Gr.3 50550 (CP2), GrA 50700 (CP1)
Gr.7 52400, Gr.11 R 52250

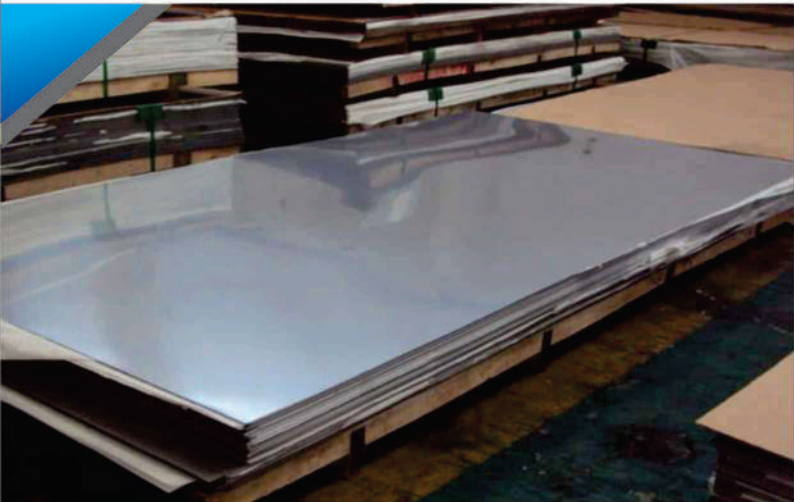
Specification : ASTM1B861, B862, B338

Grade : Gr.5 R 56400 (6A1-4V), Gr.23 R 56401 (6AL-4V-ELI), Gr.12 R 53400

TYPE

• NOMINAL SIZE PIPE • OD SIZE PIPE • SQUARE PIPE

• EN 10204 3.1/3.2
Mill Test Certificate • NACE MR0175



SHEETS, PLATES & COILS

Stainless Steel

Range : 0.5mm to 200 mm thick in 1000 mm To 3000 mm
width & 2500 to 1200 mm Length available with NACEMR 01-7.5

Specification : ASTM A240

Grade : 202, 303, 304, 304L, 304H, 316, 316L, 316Ti, 316H, 309S, 309H, 310S, 310H, 317, 317L, 321, 321H, 347, 347H, 904L, 409, 409M, 410, 420, 430, 431, 446, 441, 444, SMO 254, 253MA

Carbon Steel

ASTM A36, A285 Gr.C, A516 Gr.70, IS 2062 Gr. A/B, A 516, G65/60

Alloy Steel

ASTM A387 Gr.11, Gr.12, Gr.22, Gr.91, Gr.92, Gr.5, Gr.9 (Ct. 1/2) 16Mo3, 15Mo3

Wear Resistant Plates

Hardox 400, Hardox 500, Abrex 400, Abrex 500, Sumihard 400, Sumihard 500

Duplex Steel

Specification : ASTM A240

Grade : U NS 531803, 532205 (2205), UN5 532750 (2507),
UN5 532750 (Zeron 100)

Nickel Alloy

Nickel Grade : UNS N02200, UNS N02201

Inconel Grade : UNS N06600, UNS N06625, UNS N08800, UNS N08810, UNS N08811, UNS N08825

Monel Grade : UNS N04400

Hastelloy Grade : UN5 N10276, UNS N06022, UNS N10665

Alloy 20 Grade : UNS N08020

Copper Nickel Grade : UNS C70600 (90:10), UNS C71500 (70:30)

Titanium

Specification : ASTM 3265

Grade : Gr.1 R 56250 (CP4 Gr 2 R 50400 (CP3), Gr.3 50550 (CP2), Gr.4 50700 (CPI), Gr.7 52400

Specification : ASTM B265

Grade : Gr.5 R 56400 (6A1-4V), Gr.23 R 56401 (6A1-4V-ELI), Gr.12 R 53400

TYPE

- SHEET
- COIL
- PLATE
- STRIP
- CUT-PIECE SHEET / PLATE

• EN 10204 3.1/3.2
Mill Test Certificate • NACE MR0175



TUBE FITTINGS

Stainless Steel

Size : 1/16" to 2"

Grade : 202, 303, 304, 304L, 304H, 316, 316L, 316Ti, 316H, 309S, 309H, 310S, 310H, 317, 317L, 321, 321H, 347, 347H, 904L, 409, 409M, 410, 420, 430, 431, 446, 441, 444, SMO 254, 253MA

Carbon Steel

Specification : ASTM A234 Gr.WPB, WPC, A420 Gr.WPL3, WPL6, WPL9

Alloy Steel

Specification : ASTM A234 Gr.WP1, WP5, WP9, WP11, WP12, WP22, WP91, P92

Duplex Steel

Specification : ASTM A815

Grade : UNS 531803, UNS 532205 (2205), UNS 532750 (2507), UNS 532760 (Zeron 100)

Nickel Alloy

Nickel

Grade : UNS N02200, UNS N02201

Inconel

Grade : UNS N06600, UNS N06625, UNS N08800, UNS N08810, UNS N08811, UNS N08825

Monel

Grade : UNS N04400, UNS N05500

Hastelloy

Grade : UNS N10276, UNS N06022, UNS N10665

Alloy 20

Grade : UNS N08020

Copper Nickel

Grade : UNS C70600 (90:10), UNS C71500 (70:30)

Titanium

Specification : ASTM B363

Grade : Gr.1 R 56250 (CP4), Gr.2 R 50400 (CP3), 50550 (CP2), Gr.4 50700 (CP1), Gr.7 52400, Gr.11 R 52250

Specification : ASTM B363

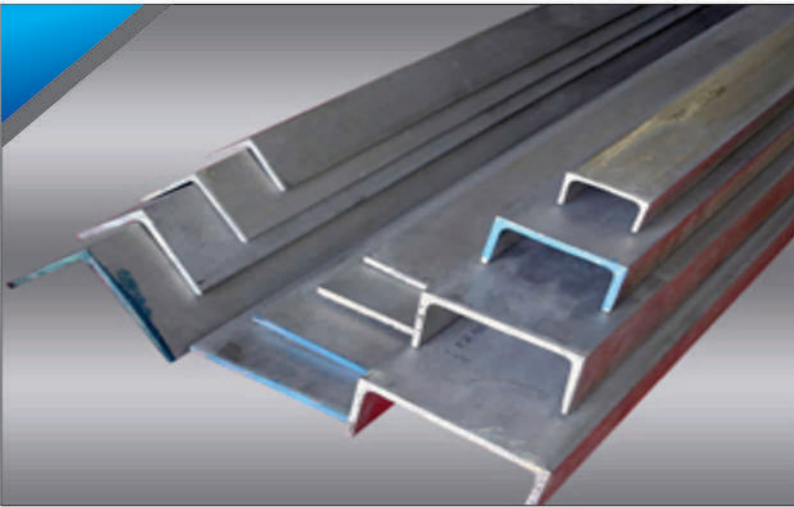
Grade : Gr.5 R 56400 (6Al-4V), Gr.23 R 56401 (6Al-4V-ELI), Gr.12 R 53400

TYPE

- Union tee
- Female tee
- Branch tee
- Run tee
- Male / Female Connector
- Elbow
- Bulk head union
- Reducing union
- OD cap
- OD plug

Mill Test Certificate

- EN 10204 3.1/3.2
- NACE Mr0175
- IBR Test Certification



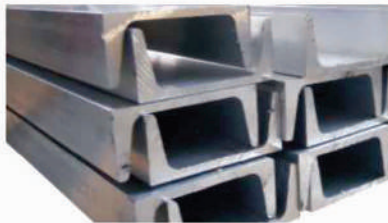
STRUCTURAL STEEL

STAINLESS STEEL & MILD STEEL ANGLES

Product Range:- The following are the sizes available.

25 x 25 x 3/5, 35 x 35 x 5, 40 x 40 x 5/6, 45 x 45 x 4/5/6,
50 x 50 x 5/6, 60 x 60 x 6/8, 65 x 65 x 6/8/10, 75 x 75 x 6/8/10, 80 x 80 x 6/8,
90 x 90 x 6/8/10, 100 x 100 x 6/8/10/12, 110 x 110 x 8/10/12, 130 x 130 x
10/12, 150 x 150 x 10/12, 150 x 150 x 16/20, 200 x 200 x 16/20

All the above mentioned sizes are in mm.



STAINLESS STEEL & MILD STEEL CHANNEL

Product Range:- The following are the sizes

75 x 40, 100 x 50, 125 x 75, 150 x 75, 175 x 75, 200 x 75,
250 x 80, 300 x 90, 350 x 100, 400 x 100.

All the above mentioned sizes are in mm

STAINLESS STEEL & MILD STEEL BEAM

Light, Medium, Standard

Product Range:- The following are the sizes available.

100 x 50, 125 x 70, 150 x 75, 175 x 85, 200 x 100, 250 x 125, 300 x 140, 350
x 140, 400 x 150, 450 x 150, 500 x 180, 600 x 210.

All the above mentioned sizes are in mm



MS Rounds Bars

Product Name:- Wire Rods

Grade:- Low Carbon - 5WR-14 / IS:2062 Gr.A

Product Range:- Diameters available (unit mm), 5mm to 250mm

All the above mentioned sizes are in mm

These are available in straight lengths (as mutually agreed).

TMT Bars

We have a wide range of TMT Re Bars which are available in various types & from Various Primary & Secondary Manufacturers.

Above Material can be offered in Grades Like FE 415 / FE 500 With Manufacturing Test certificate.



MS Flats

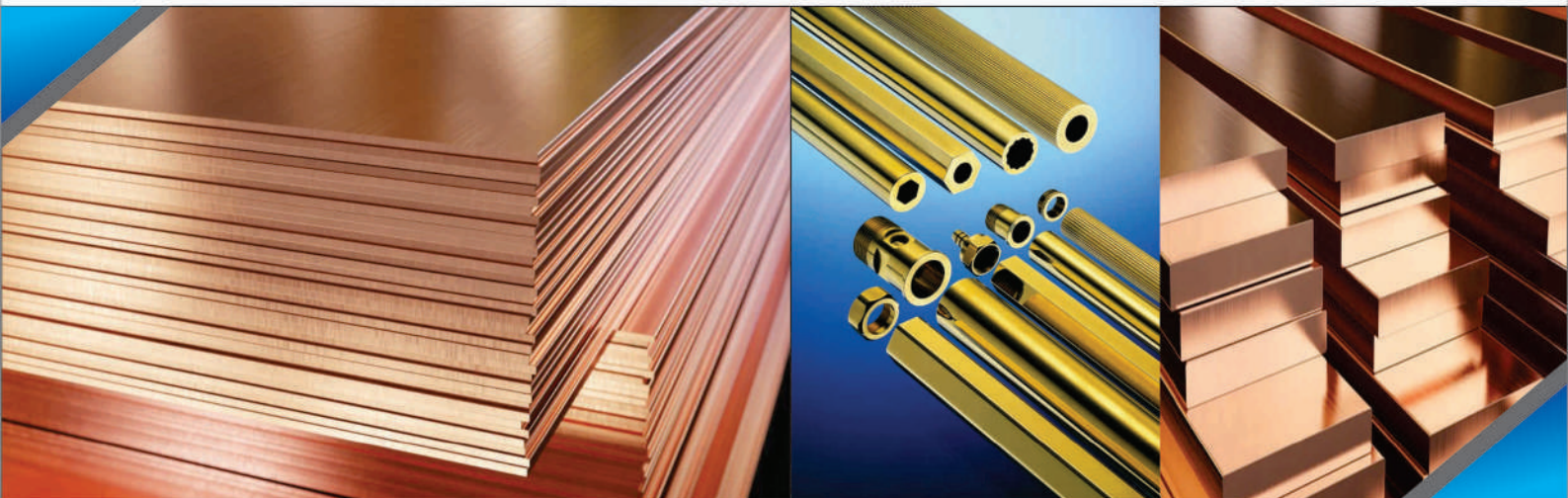
Available in size

21 x 6 mm to 300 x 16 mm

MS Square Bars

Available in size

10 x 10 mm to 63 x 63 mm



COPPER & BRASS

Copper BRASS

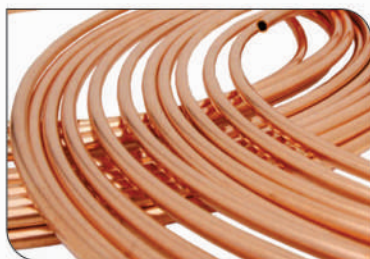
DHP Copper, ETP Copper, DPA Copper OFHC Copper
63 / 37 Brass, 70 / 30 Brass, Admiralty Brass,
Aluminium Brass & other Compositions of Brass.

CUPRONICKEL BRONZES

95 / 5 alloy, 90 / 10 alloy & 70 / 30 alloy.
Phosphorous Bronze Aluminium Bronze & Gun Metal,
Phosphorous Bronze A B1 / A B2 Bush Round.



BRASS TUBES



COPPER TUBES

TUBES

2mm OD to 200mm OD with Wall thickness of
0.10 mm to 15 mm in length upto 10 mtrs straight
(in coils upto 25 mtrs) in copper, Brass & Cupronickel.
In all size upto 160mm diameter in Copper, Brass and Bronzes.
Copper Strips and sections as per clients specific requirements.
Copper wires upto 42 swg in bright annealed condition.
Super enamelled copper wires upto 42 swg.

RODS STRIPS / PROFILES WIRES S. E. WIRES

SPECIFICATIONS

Indian Standard Specification (ISS)
British Standard Specification (BSS)
American Standard for Testing of Material (ASTM)
As per Parties Specific Specification.



BRASS RODS



COPPER TUBES & SECTIONS



BRASS PIPE FITTINGS



COPPER PIPE FITTINGS

Stainless Steel Pipe Dimension as per ASTM and weight per Mtr (ANSI B 36.19-1965)

Nomical Bore		Outside Diameter	Schedule 5S		Schedule 10S		Schedule 40S		Schedule 80S		Schedule 160S		Schedule XXS	
MM	INCH	MM	Wt MM	Weight (Kg/m)	Wt MM	Wight (Kg/M)	Wt MM	Weight (Kg/M)	Wt MM	Weight (Kg/M)	Wt MM	Weight (Kg/M)	Wt MM	Weight (Kg/M)
3	1/8	10.3	1.24	0.276	1.24	0.28	1.73	0.37	2.41	0.47	-	-	-	-
6	1/4	13.7	1.24	0.390	1.65	0.49	2.24	0.631	3.02	0.80	-	-	-	-
10	3/8	17.1	1.24	0.490	1.65	0.63	2.31	0.845	3.20	1.10	-	-	-	-
15	1/2	21.3	1.65	0.800	2.11	1.00	2.77	1.27	3.75	1.62	4.75	1.94	7.47	2.55
20	3/4	26.7	1.65	1.03	2.11	1.28	2.87	1.68	3.91	2.20	5.54	2.89	7.82	3.63
25	1	33.4	1.65	1.30	2.77	2.09	3.38	2.50	4.55	3.24	6.35	4.24	9.09	5.45
32	1.1/4	42.2	1.65	1.65	2.77	2.70	3.56	3.38	4.85	4.47	6.35	5.61	9.70	7.77
40	1.1/2	48.3	1.65	1.91	2.77	3.11	3.68	4.05	5.08	5.41	7.14	7.25	10.16	9.54
50	2	60.3	1.65	2.40	2.77	3.93	3.91	5.44	5.54	7.48	8.74	11.1	11.07	13.44
65	2.1/2	73.0	2.11	3.69	3.05	5.26	5.16	8.63	7.01	11.4	9.53	14.9	14.2	20.39
80	3	88.9	2.11	4.51	3.05	6.45	5.49	11.30	7.62	15.2	11.1	21.3	15.24	27.65
100	4	114.3	2.11	5.84	3.05	8.36	6.02	16.07	8.56	22.3	13.49	33.54	17.12	41.03
125	5	141.3	2.77	9.47	3.40	11.57	6.55	21.8	9.53	31.97	15.88	49.11	19.05	57.43
150	6	168.3	2.77	11.32	3.40	13.84	7.11	28.3	10.97	42.7	18.2	67.56	21.95	79.22
200	8	219.1	2.77	14.79	3.76	19.96	8.18	42.6	12.7	64.6	23.0	111.2	22.23	107.8
250	10	273.1	3.40	22.63	4.19	27.78	9.27	60.5	12.7	96.0	28.6	172.4	25.40	155.15
300	12	323.9	3.96	31.25	4.57	36.00	9.52	73.88	12.7	132.0	33.32	238.76	25.40	186.97
350	14	355.6	3.96	34.69	4.78	41.3	11.13	94.59	19.05	158.08	35.71	281.70	-	-
400	16	406.4	4.19	41.56	4.78	47.29	12.7	123.30	24.41	203.33	40.46	365.11	-	-
450	18	457.2	4.19	46.80	4.78	53.42	14.27	155.80	23.8	254.36	45.71	466.40	-	-
500	20	508.0	4.78	59.25	5.54	68.71	15.09	183.42	26.19	311.2	49.99	564.68	-	-
600	24	609.6	5.54	82.47	6.35	94.45	17.48	255.41	30.96	442.08	59.54	808.22	-	-



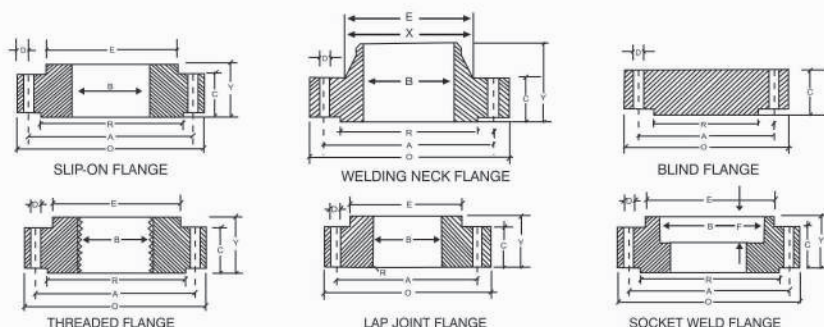
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METAL INDUSTRIES
Supplying Quality. Delivering Trust.

FLANGES

DIMENSIONS OF CLASS 150/300/600 FLANGES AS PER B 16.5



DIMENSIONS OF CLASS 150 FLANGES AS PER B 16.5

Nominal Pipe Size	Flange Dia O	Dia of Bolt Circle A	No. of Bolt Holes D	No. of Holes	Thk. of Holes C	Dia of Hub E	Length through Hub			Dia Bore		Dia of R/F R	Depth of Socket F	Pipe Dia X
							S/O & S/W Y	W/N Y	L/J Y	S/O & S/W B	L/J B			
15	88.9	60.3	15.9	4	11.1	30.2	15.9	47.6	15.9	22.3	22.9	34.9	9.5	21.33
20	98.4	69.8	15.9	4	12.7	38.1	15.9	52.4	15.9	27.7	28.2	42.9	11.1	26.67
25	107.9	79.4	15.9	4	14.3	49.2	17.5	55.6	17.5	34.5	35.0	50.8	12.7	33.40
32	117.5	88.9	15.9	4	15.9	58.7	20.6	57.1	20.6	43.2	43.7	63.5	14.3	42.16
40	127.0	98.4	15.9	4	17.5	65.1	22.2	61.9	22.2	49.5	50.0	73.0	15.9	48.26
50	152.4	120.6	19.0	4	19.0	77.8	25.4	63.5	25.4	62.0	62.5	92.1	17.5	60.31
65	177.8	139.7	19.0	4	22.2	90.5	28.6	69.8	28.6	74.7	75.4	104.8	19.0	73.02
80	190.5	152.4	19.0	4	23.8	107.9	30.2	69.8	30.2	90.7	91.4	127.0	20.6	88.90
100	228.6	190.5	19.0	8	23.8	134.9	33.3	76.2	33.3	116.1	116.8	157.2	23.8	114.30
125	254.0	215.9	22.2	8	23.8	163.5	36.5	88.9	36.5	143.8	144.5	185.7	23.8	141.30
150	279.4	241.3	22.2	8	25.4	192.1	39.7	88.9	39.7	170.1	171.4	215.9	27.0	168.27
200	342.9	298.4	22.2	8	28.6	246.1	44.4	101.6	44.4	221.5	222.2	269.9	31.7	219.07
250	406.4	361.9	25.4	12	30.2	304.8	49.2	101.6	49.2	276.3	277.4	323.8	33.3	273.05
300	482.6	431.8	25.4	12	31.8	365.1	55.6	114.3	55.6	327.1	328.2	381.0	39.7	323.85
350	533.4	476.2	28.6	12	34.9	400.0	57.1	127.0	79.4	359.1	360.2	412.7	41.3	355.60
400	596.9	539.7	28.6	16	36.5	457.2	63.5	127.0	87.3	415.4	411.2	469.9	44.4	406.40
450	635.0	577.8	31.7	16	39.7	504.8	68.3	139.7	96.8	461.8	462.3	533.4	49.2	457.00
500	698.5	635.0	31.7	20	42.9	558.8	73.0	144.5	103.2	513.1	514.3	584.2	54.0	508.00
600	812.8	749.3	34.9	20	47.6	663.6	82.5	152.4	111.1	615.9	615.9	692.1	63.5	609.60

DIMENSIONS OF CLASS 300 FLANGES AS PER B 16.5

Nominal Pipe Size	Flange Dia O	Dia of Bolt Circle A	No. of Bolt Holes D	No. of Holes	Thk. of Holes C	Dia of Hub E	Length through Hub			Dia Bore		Dia of R/F R	Depth of Socket F	Pipe Dia X
							S/O & S/W Y	W/N Y	L/J Y	S/O & S/W B	L/J B			
15	95.2	66.7	15.9	4	14.3	38.1	22.2	52.4	22.2	22.3	22.9	34.9	9.5	21.33
20	117.5	82.5	19.0	4	15.9	47.6	25.4	57.1	25.4	27.7	28.2	42.9	11.1	26.67
25	123.8	88.9	19.0	4	17.5	54.0	27.0	61.9	27.0	34.5	35.0	50.8	12.7	33.40
32	133.3	98.4	19.0	4	19.0	63.5	27.0	65.1	27.0	43.2	43.7	63.5	14.3	42.16
40	155.6	114.3	22.2	4	20.3	69.8	30.2	68.3	30.2	49.5	50.0	73.0	15.9	48.26
50	165.1	127.0	19.0	8	22.2	84.1	33.3	69.8	33.3	62.0	62.5	92.1	17.5	60.31
65	190.5	149.2	22.2	8	25.4	100.0	38.1	76.2	38.1	74.7	75.4	104.8	19.0	73.02
80	209.5	168.3	22.2	8	28.6	117.5	42.9	79.4	42.9	90.7	91.4	127.0	20.6	88.90
100	254.0	200.0	22.2	8	31.8	146.0	47.6	85.7	47.6	116.1	116.8	157.2	23.8	114.30
125	279.4	234.9	22.2	8	34.9	177.8	50.8	98.4	50.8	143.8	144.5	185.7	-	141.30
150	317.5	269.9	22.2	12	38.5	206.4	52.4	98.4	62.4	170.7	171.4	215.9	-	168.27
200	381.0	330.2	25.4	12	41.3	260.3	61.9	111.1	61.9	221.5	222.2	269.9	-	219.07
250	444.5	387.3	28.6	16	47.6	320.7	66.7	117.5	95.2	276.3	277.4	323.8	-	273.05
300	520.7	450.8	31.7	16	50.8	374.6	73.0	130.2	101.6	327.1	328.2	381.0	-	323.85
350	584.2	514.3	31.7	20	54.0	425.4	76.2	142.9	111.1	359.1	360.2	412.7	-	355.60
400	647.7	571.5	34.9	20	57.2	482.6	82.5	146.0	120.6	410.5	411.2	469.9	-	406.40
450	711.2	628.5	34.9	24	60.3	533.4	88.9	158.7	130.2	461.8	462.3	533.4	-	457.00
500	774.7	685.8	34.9	24	63.5	587.4	95.2	161.9	139.7	513.1	514.3	584.2	-	508.00
600	914.4	812.8	41.3	24	69.8	701.7	106.4	168.3	152.4	615.9	615.9	692.1	-	609.60

DIMENSIONS OF CLASS 600 FLANGES AS PER B 16.5

Nominal Pipe Size	Flange Dia O	Dia of Bolt Circle A	No. of Bolt Holes D	Thk. of Holes	No. of Holes	Dia of Hub E	Length through Hub			Dia Bore		Dia of R/F R	Depth of Socket F	Pipe Dia X
							S/O & S/W Y	W/N Y	L/J Y	S/O & S/W B	L/J B			
15	95.2	66.7	15.9	4	14.3	38.1	22.2	52.4	22.3	22.3	22.8	34.9	9.5	21.33
20	117.5	82.5	19.0	4	15.9	47.6	25.4	57.1	25.4	27.7	28.1	42.9	11.1	26.67
25	123.8	88.9	19.0	4	17.5	54.0	27.0	61.9	26.9	34.5	35.0	50.8	12.7	33.40
32	133.3	98.4	19.0	4	20.6	63.5	28.6	66.7	28.4	43.2	43.6	63.5	14.2	42.16
40	155.6	114.3	22.2	4	22.2	69.8	31.7	69.8	31.7	49.5	50.0	73.0	15.8	48.26
50	165.1	127.0	19.0	8	25.4	84.1	36.5	73.0	36.5	62.0	62.4	92.1	17.4	60.31
65	190.5	149.2	22.2	8	28.6	100.0	41.3	79.4	41.1	74.7	75.4	104.8	19.0	73.02
80	209.5	168.3	22.2	8	31.8	117.5	46.0	82.5	45.9	90.7	91.4	127.0	-	88.90
100	273.0	215.9	25.4	8	38.1	152.4	54.0	101.6	53.8	116.1	116.8	157.2	-	114.30
125	330.2	266.7	28.6	8	44.4	188.9	60.3	114.3	60.4	143.8	141.5	185.7	-	141.30
150	355.6	292.1	28.6	12	47.6	222.2	66.7	117.5	66.5	170.7	171.4	215.9	-	168.27
200	419.1	349.2	31.7	12	55.6	273.0	76.2	133.3	76.2	221.5	222.2	269.9	-	219.07
250	508.0	431.8	34.9	16	63.5	342.9	85.7	152.4	111.2	276.3	277.3	323.8	-	273.05
300	558.8	488.9	34.9	20	66.7	400.0	92.1	155.6	117.3	327.1	328.1	381.0	-	323.85
350	603.2	527.0	38.1	20	69.9	431.8	93.7	165.1	127.0	359.1	360.1	412.7	-	355.60
400	685.8	603.2	41.3	20	76.2	495.3	106.4	177.8	139.7	410.5	411.2	469.9	-	406.40
450	742.9	654.0	44.4	20	82.6	546.1	117.5	184.1	152.4	461.8	462.2	533.4	-	457.00
500	812.8	729.9	44.4	24	88.9	609.6	127.0	190.5	165.1	513.1	514.3	584.2	-	508.00
600	939.8	838.2	50.8	24	101.6	717.5	139.7	203.2	184.1	615.9	615.9	692.1	-	609.60

All Dimensions are in Millimeters.

Flanges except Lap Joint Will be furnished with 1.6 mm raised face Class 150/300 & 6.35 mm for Class 600. Which is included in "Thickness" (C) and Length Through Hub (Y).

CARBON STEEL SEAMLESS PIPE DIAMENSION & WELDED (ANSI B 36.10)

Nominal pipe size	OD	Schedule 10	Schedule 20	Schedule 30	Schedule Standard	Schedule 40	Schedule 60	Schedule XS	Schedule 80	Schedule 100	Schedule 120	Schedule 140	Schedule 160	Schedule XXS
mm	Inch	Wall kg/m	Wall kg/m	Wall kg/m	Wall	Wt.	Wall	Wt.	Wall	Wt.	Wall	Wt.	Wall	Wt.
3	1/8	10.3			1.7	0.357		2.4	0.470	2.4	0.470			
6	1/4	13.7			2.2	0.625		3.0	0.804	3.0	0.804			
10	3/8	17.1			2.8	1.26		3.7	1.10	3.2	1.10			
15	1/2	21.3			2.8	1.26		3.7	1.62	3.7	1.62			
20	3/4	26.7			2.9	1.68		3.9	2.19	3.9	2.19			
25	1	33.4			3.4	2.50		4.5	3.23	4.5	3.23			
32	1 1/4	42.2			3.6	3.38		4.8	4.46	4.9	4.46			
40	1 1/2	48.3			3.7	4.05		5.1	5.40	5.1	5.40			
50	2	60.3			3.9	5.43		5.5	7.47	5.5	7.47			
65	2 1/2	73.0			5.2	8.62		7.0	11.4	7.0	11.4			
80	3	88.9			5.5	11.3		7.6	15.3	7.6	15.3			
90	3 1/2	101.6			5.7	13.6		8.1	18.6	8.1	18.6			
100	4	114.3			6.0	16.1		8.6	22.3	8.6	22.3			
125	5	141.3			6.6	21.8		9.5	30.9	9.5	30.9			
150	6	168.3			7.1	28.2		11.0	42.5	11.0	42.5			
200	8	219.1			8.2	42.5		12.7	64.6	12.7	64.6			
250	10	273.0			9.3	60.2		12.7	81.5	15.1	95.8			
300	12	323.8			9.5	73.8		12.7	97.4	17.4	132.0			
350	14	355.6			9.5	81.2		12.7	107.0	19.0	158.0			
400	16	406.4			9.5	93.3		12.7	123.0	21.4	203.0			
450	18	457.2			9.5	105.0		12.7	139.0	23.8	254.0			
500	20	508.0			9.5	117.0		12.7	155.0	26.2	311.0			
550	22	558.8			9.5	129.0		12.7	171.0	28.6	373.0			
600	24	609.6			9.5	141.0		12.7	187.0	30.9	441.0			
650	26	660.4			9.5	153.0		12.7	203.0					
700	28	711.2			9.5	165.0		12.7	219.0					
750	30	762.0			9.5	176.0		12.7	234.6					
800	32	812.8			9.5	188.2		12.7	250.6					
850	34	863.6			9.5	200.0		12.7	266.5					
900	36	914.4			9.5	212.0		12.7	281.4					



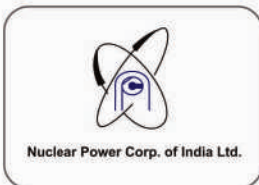
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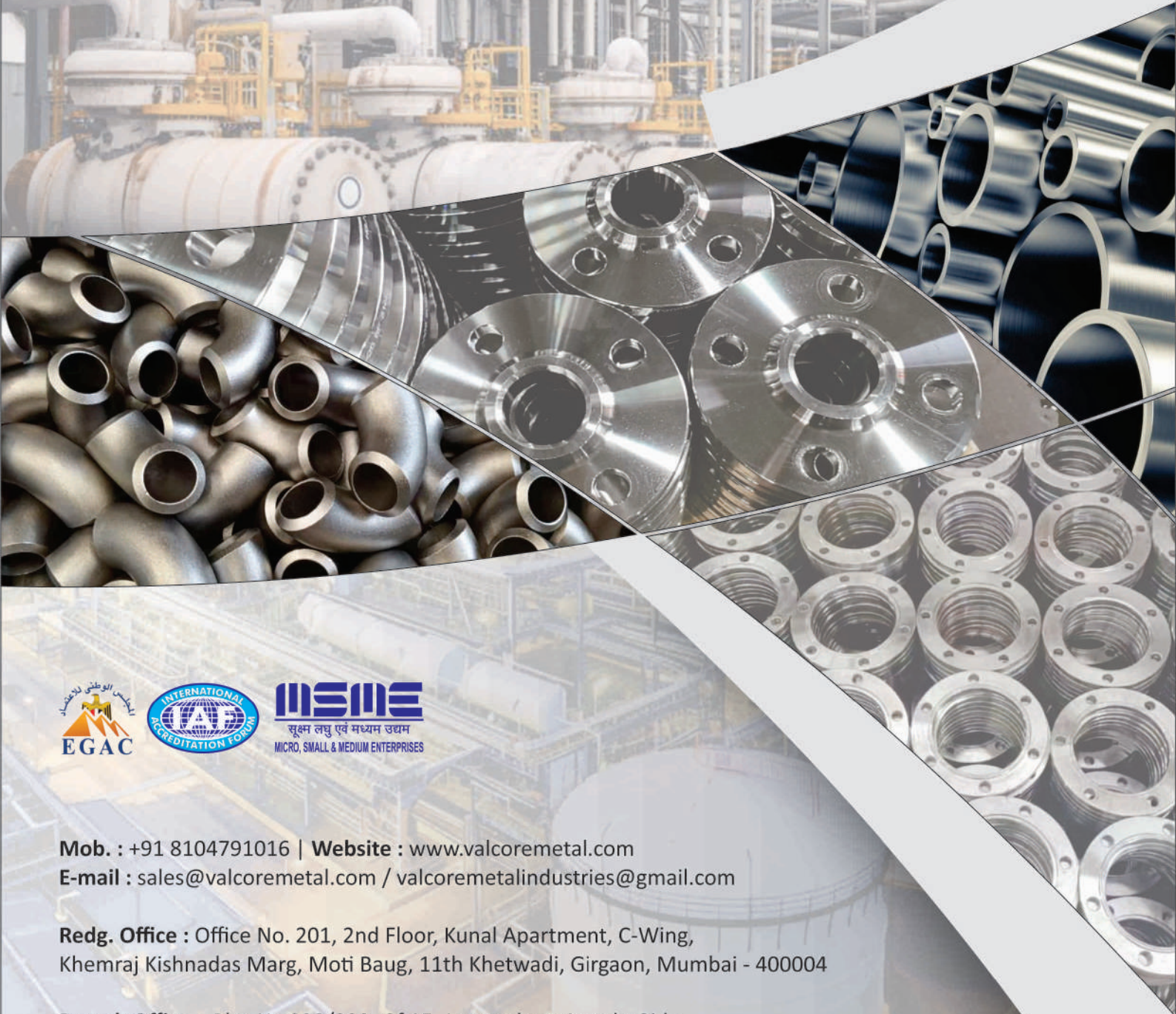
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Redg. Office : Office No. 201, 2nd Floor, Kunal Apartment, C-Wing,
Khemraj Kishnadas Marg, Moti Baug, 11th Khetwadi, Girgaon, Mumbai - 400004

Branch Office : Plot No 328/329, Gf 15, Jeevandeep Arcade Gidc,
Ankleshwer, Gujarat- 393002.

Godown Address : Steel Market Kalamboli, Navi Mumbai, Maharashtra - 410218.

Manufacturing Plant : Plot No 4/d, Coal Depot, Hutments Fosbery Road, Sewree (E),
Mumbai - 400015.