



Jai Hind Metal



PIPES / TUBES

PIPES (SEAMLESS & WELDED)

RANGE	: 6NB TO 1200NB – SCH. 5, 10, 20, 30, 40, 60, 80, 100, 120, 140, 160, XXS.
TYPE	: ROUND, SQUARE, RECTANGLE, HYDRAULIC, HORN TUBES.

MATERIALS OF CONSTRUCTION :

STAINLESS STEEL	: ASTM A312, A358, A269, A270 - TP304, 304L, 304H, 316, 316L, 316H, 316Ti, 309, 310, 317L, 321, 347, 904L.
CARBON STEEL	: ASTM A106 GR.B, ASTM A53, API 5L.
TITANIUM	: ASTM B338 Grade - 1, 2, 3, 5 (6AL-4V), 7, 9, 11, 12, 23 (6AL-4V ELI).
HIGH NICKEL ALLOYS	: HASTELLOY, NICKEL, MONEL, INCONEL, INCOLOY, ALLOY-20 & CUPRO NICKEL.
DUPLEX	: ASTM A790 / UNS S31803 & S32205 (2205).
SUPER DUPLEX	: ASTM A790 / UNS S32750 (2507) & S32760.
ALLOY STEEL	: ASTM A335 GR. P5, P9, P11, P12, P21, P22, P91.
NON FERROUS	: COPPER, ALUMINIUM, BRASS, COPPER ALLOYS.
TEST CERTIFICATES	: MTC, IBR & THIRD PARTY INSPECTION.

TUBES (SEAMLESS & WELDED)

RANGE	: ¼" OD - 12" OD. GAUGE: 25 SWG. - 10 SWG.
TYPE	: ROUND, SQUARE, RECTANGLE, COIL, "U" SHAPE, HYDRAULIC & HORN TUBES.

MATERIALS OF CONSTRUCTION :

STAINLESS STEEL	: ASTM A213 & A249 / TP304, 304L, 304H, 316, 316L, 316H, 316Ti, 309, 310, 317L, 321, 347, 904L.
CARBON STEEL	: ASTM A210 GR. A-1, BS3059 GR.360 / 440, SA179.
TITANIUM	: ASTM B861 Grade - 1, 2, 3, 5 (6AL-4V), 7, 9, 11, 12, 23 (6AL-4V ELI).
HIGH NICKEL ALLOYS	: HASTELLOY, NICKEL, MONEL, INCONEL, INCOLOY, ALLOY-20 & CUPRO NICKEL.
DUPLEX	: ASTM A999 / A999M • UNS S31803 & S32205 (2205).
SUPER DUPLEX	: ASTM A999 / A999M • UNS S32750 (2507) & S32760.
ALLOY STEEL	: ASTM A213 GR. T2, T5, T5B, T5C, T11, T12, T17, T22.
NON FERROUS	: COPPER, ALUMINIUM, BRASS, COPPER ALLOYS.
TEST CERTIFICATES	: MTC, IBR & THIRD PARTY INSPECTION.



BUTT WELD

BUTT WELD FITTINGS ASME / ANSI B 16.9

(SEAMLESS & WELDED)

SIZES	: 15NB - 1200NB. SCH: 5, 10, 20, 30, 40, 60, 80, 100, 120, 140, 160, XXS.
RANGE	: ELBOW : 45, 90 & 180 Deg. RADIUS. TEE : EQUAL & UNEQUAL. BEND : SHORT & LONG RADIUS. 1.5D, 2.5D, 3D, 5D, 6D, 10D. STUBEND : SHORT & LONG NECK. REDUCERS : CONCENTRIC & ECCENTRIC. NIPPLES, CAPS & TRICLOVER CLAMP.

MATERIALS OF CONSTRUCTION :

STAINLESS STEEL	: ASTM A403 WP TP304, 304L, 304H, 316, 316L, 316H, 316Ti, 309, 310, 317L, 321, 347, 904L.
CARBON STEEL	: ASTM A-234 WBP, A-420 WPL6.
TITANIUM	: ASTM B363-03A, GR. 1, 2, 3, 5 (6AL-4V), 7, 9, 11, 12, 23 (6AL-4V ELI).
HIGH NICKEL ALLOYS	: ASTM B366-10A. HASTELLOY, NICKEL, MONEL, INCONEL, INCONEL, ALLOY-20 & CUPRO NICKEL.
DUPLEX	: ASTM A182 / UNS S31803 & S32205 (2205).
SUPER DUPLEX	: ASTM A182 / UNS S32750 (2507) & S32760.
ALLOY STEEL	: ASTM A234 WP GR.P5, P9, P11, P12, P21, P22, P91.
SPECIALITY	: DAIRY FITTINGS WITH ELECTRO POLISH / 180 GRIT / 320 GRIT / 600 GRIT.
TEST CERTIFICATES	: MTC, IBR & THIRD PARTY INSPECTION.



FORGED FITTINGS

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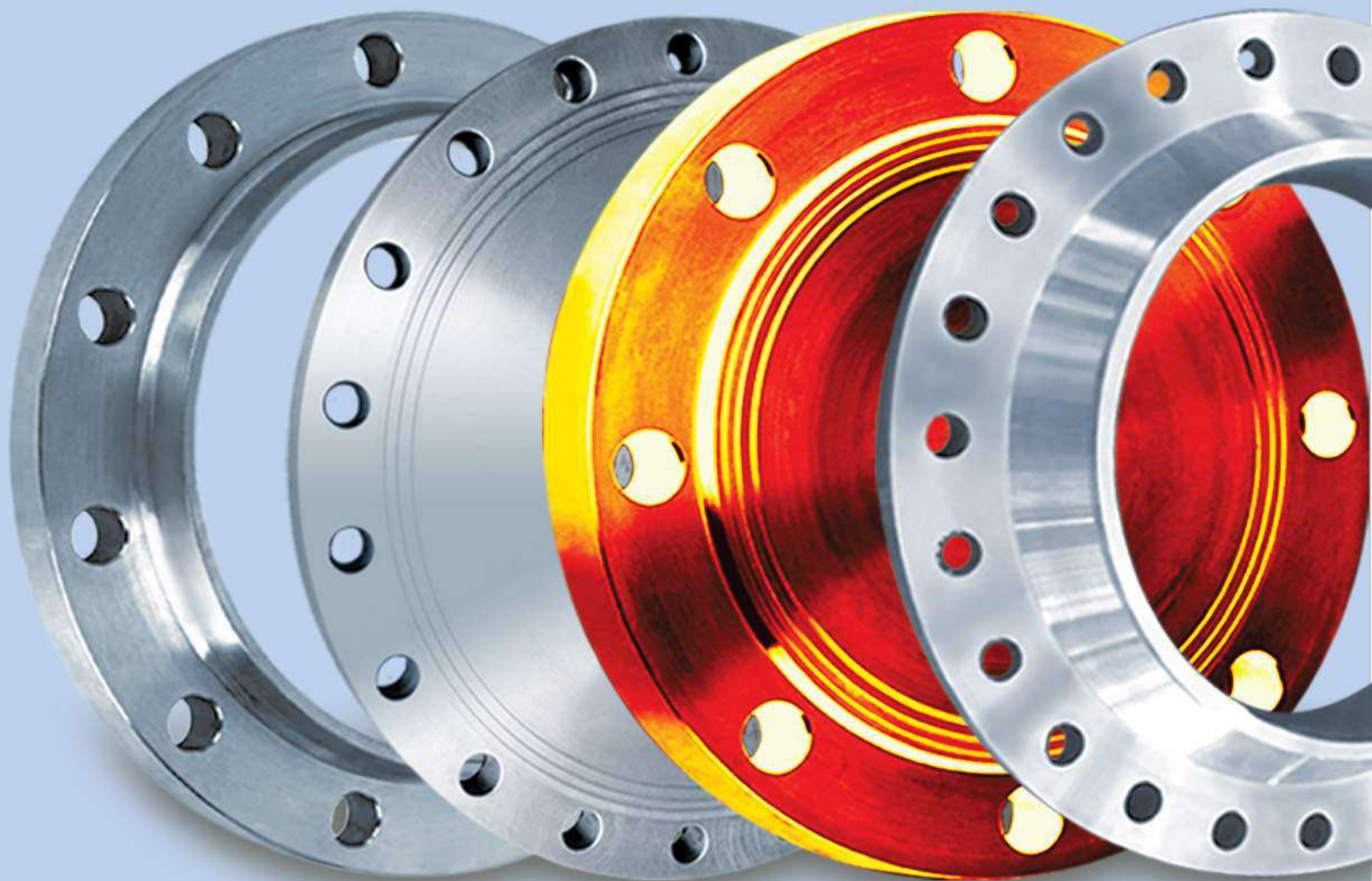
ASTM A-182 3000lbs / 6000lbs / 9000lbs ANSI B16.11

SOCKET WELDING / THREADED

SIZES	: 15NB – 100NB.
RANGE	: ELBOW, TEE, REDUCER, UNION, NIPPLE, COUPLING, CAP, PLUG, BUSH, WELDOLET, THREDOLET, ELBOLET, NIPOLET.

MATERIALS OF CONSTRUCTION :

STAINLESS STEEL	: ASTM A182 TP304, 304L, 304H, 316, 316L, 316H, 316Ti, 309, 310, 317L, 321, 347, 904L.
CARBON STEEL	: ASTM A105, A350 LF2.
TITANIUM	: ASTM B381-10E1. GR.1, 2, 3, 5 (6AL-4V), 7, 9, 11, 12, 23 (6AL-4V ELI).
HIGH NICKEL ALLOYS	: ASTM / ASME SB564. HASTELLOY, NICKEL, MONEL, INCONEL, INCOLOY, ALLOY-20 & CUPRO NICKEL.
DUPLEX	: ASTM A182 / UNS S31803 & S32205 (2205).
SUPER DUPLEX	: ASTM A182 / UNS S32750 (2507) & S32760.
ALLOY STEEL	: ASTM A182 GR. F-5, F-9, F-11, F-12, F-21, F-22, F-91.
TEST CERTIFICATES	: MTC, IBR & THIRD PARTY INSPECTION.



FLANGES

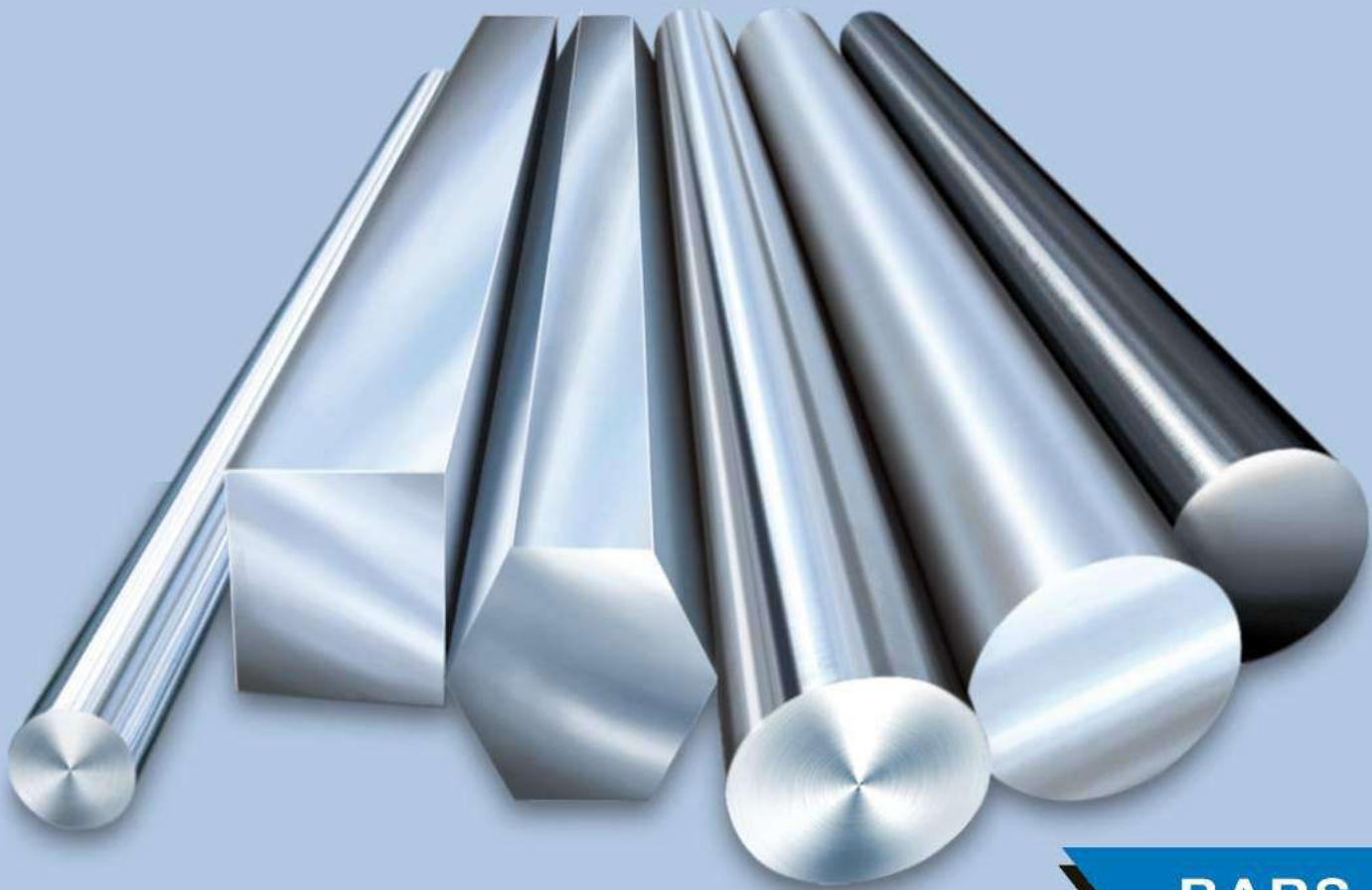
FLANGES

ANSI B16.5 ASA # 150, 300, 600, 900, 1500.

SIZES	: 15NB – 750NB.
RANGE	: SLIP-ON / WELD NECK / SOCKET WELD / BLIND / THREADED / LAP JOINT / ORIFICE.

MATERIALS OF CONSTRUCTION :

STAINLESS STEEL	: ASTM A182 & A240, TP304, 304L, 304H, 316, 316L, 316H, 316Ti, 309, 310, 317L, 321, 347, 904L.
CARBON STEEL	: ASTM A105, A350 LF2, A516, IS:2062.
TITANIUM	: ASTM B381 GR.1, 2, 3, 5 (6AL-4V), 7, 9, 11, 12, 23 (6AL-4V ELI).
HIGH NICKEL ALLOYS	: ASTM B564 / B335 / B649 / B462 / B151 - HASTELLOY, NICKEL, MONEL, INCONEL, INCOLOY, ALLOY-20 & CUPRO NICKEL.
DUPLEX	: ASTM A182 / UNS S31803 & S32205 (2205).
SUPER DUPLEX	: ASTM A182 / UNS S32750 (2507) & S32760.
ALLOY STEEL	: ASTM A182 GR. F5, F9, F11, F12, F21, F22, F91.
TEST CERTIFICATES	: MTC, IBR & THIRD PARTY INSPECTION.



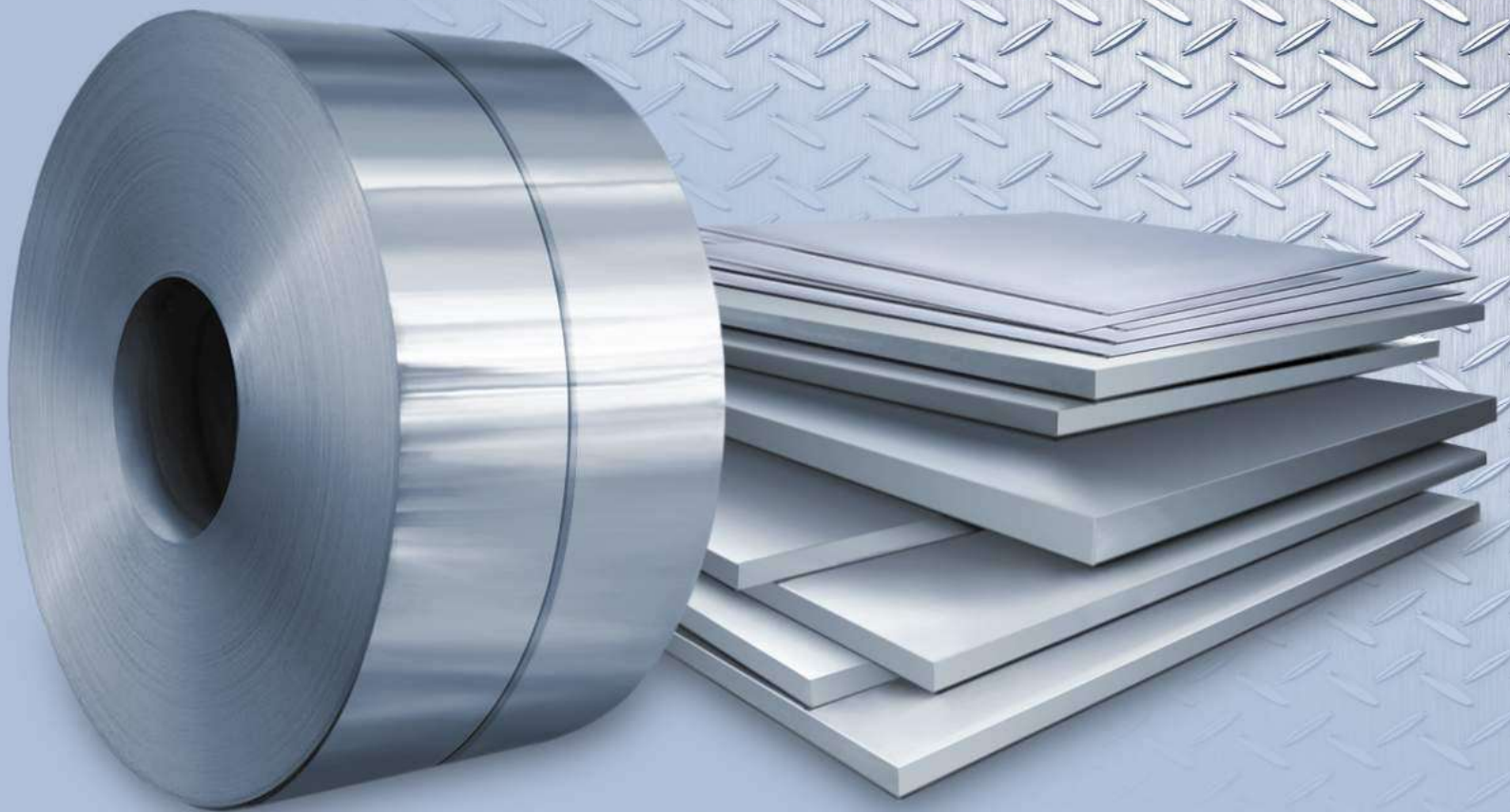
BARS

BARS

RANGE	: DIA 5 MM TO 500 MM & LENGTH 500 MM TO 6000 MM.
TYPE	: ROUND, SQUARE, HEX (A/F), BUSH, RECTANGLE, FLAT, BLOCK, BILLET, INGOT.

MATERIALS OF CONSTRUCTION :

STAINLESS STEEL	: ASTM A479, A182 - 304, 304L, 304H, 316, 316L, 316H, 316Ti, 309, 310, 317L, 321, 347, 904L, 17-4 PH AND 400 SERIES.
CARBON STEEL	: ASTM A105, A350 LF2.
TITANIUM	: ASTM B348 Grade - 1, 2, 3, 5 (6AL-4V), 7, 9, 11, 12, 23 (6AL-4V ELI).
HIGH NICKEL ALLOYS	: HASTELLOY, NICKEL, MONEL, INCONEL, INCOLONY, ALLOY-20 & CUPRO NICKEL.
DUPLEX	: ASTM A182 / UNS S31803 & S32205 (2205).
SUPER DUPLEX	: ASTM A182 / UNS S32750 (2507) & S32760.
ALLOY STEEL	: ASTM A182 F5, F9, F11, F12, F21, F22, F91.
HIGH SPEED STEEL	: M2, M3, MJ5, M42, T1, T4, T15, T42, D2, D3, H11, H13. OHNS-01 & EN-52 HCHCR & OHNS IN GRADES.
NON FERROUS	: COPPER, BRASS, ALUMINIUM, PHOSPHORUS BRONZE, GUN METAL, LEAD.
FINISH	: BRIGHT, POLISH, BLACK.
HARDNESS	: SOFT, HARD, HALF HARD, QUARTER HARD.
TEST CERTIFICATES	: MTC, IBR & THIRD PARTY INSPECTION.



SHEET / PLATE / COIL

SHEET / PLATE / COIL

RANGE	: 0.4 MM TO 150 MM THICKNESS IN SHEET, PLATE & COILS.
TYPE	: COIL, FOIL, ROLL, PLAIN SHEET, SHIM SHEET, PERFORATED SHEET, CHEQUERED PLATE, STRIP, FLAT, BLANK (CIRCLE), RING (FLANGE).

MATERIALS OF CONSTRUCTION :

STAINLESS STEEL	: ASTM A240 TP304, 304L, 304H, 316, 316L, 316H, 316Ti, 309, 310, 317L, 321, 347, 409, 410, 420, 430, 446, 904L, 202.
CARBON STEEL	: ASTM A516 GR.60 & GR.70 / IS 2062 / EN-8 / C-45 / SAIL HARD.
TITANIUM	: ASTM B265 Grade - 1, 2, 3, 5 (6AL-4V), 7, 9, 11, 12, 23 (6AL-4V ELI).
HIGH NICKEL ALLOYS	: HASTELLOY, NICKEL, MONEL, INCONEL, INCOLONY, ALLOY-20 & CUPRO NICKEL.
DUPLEX	: ASTM A815 / UNS S31803 & S32205 (2205).
SUPER DUPLEX	: ASTM A815 / UNS S32750 (2507) & S32760.
ALLOY STEEL	: ASTM A387 GR.5, GR.9, GR.11, GR.12, GR.22, GR.91 – CLASS2.
OTHERS	: CRCA, SPRING STEEL, SILVER STEEL & HARDOX.
FINISH	: 2B, 2D, HRAP, CR, BA (MATT NO.4 & NO.8), PLASTIC COATED.
HARDNESS	: SOFT, HARD, HALF HARD, QUARTER HARD, SPRING HARD.
TEST CERTIFICATES	: MTC, IBR & THIRD PARTY INSPECTION.