



An ISO : 9001: 2015 Certified Co.

YOU TRUST - WE DELIVER

**LEADING EXPORTERS, STOCKISTS & SUPPLIERS OF : FERROUS & NON-FERROUS METALS
PIPES | PLATE | BARS | FITTINGS | FLANGES | FASTENERS**



**LEADING EXPORTER, STOCKIST &
SUPPLIERS OF :
FERROUS & NON-FERROUS METALS**



COMPANY PROFILE

Symphony Metal is one of the leading **LEADING EXPORTERS, STOCKISTS & SUPPLIERS OF : FERROUS & NON-FERROUS METALS** company in India. It has always been our endeavour to continuously strengthen our domestic business and market position. Further its ranking as a significant regional player and achieve progress across its operations, all of which, we believe, should contribute to a growth-led financial performance and result in creation of enhanced value for its customers."

Our employees are religiously dedicated and loyal to their work, they have not only increased our reputation as a company but also have developed trust and understanding through years of service.

Symphony Metal under the leadership and mentoring of individuals with intellectual is currently one of the largest Supplier, Stockiest, Importer & Exporter of Carbon Steel, Alloy Steel, Stainless Steel, High Nickel Alloys, Special Alloys, Aluminium Alloys, Copper Nickel, Titanium Alloys, Duplex & Super Duplex, Tantalum, Abrasion Resistant Steel, Hadfield Manganese Steel, Corten Steel, High Tensile, Quenched & Tempered Steel, Armour Steel & much more in forms of Pipes, Tubes, Sheets, Plates, Round Bars and Fittings.

We also deal in IBR products and provide the above mentioned material with mill test certificate.

Customers are our first priority, Our work does not finish just by supplying the product to our customers, Instead our work starts after that, to give our customer the best service they require from their suppliers.



We are regularly supplying materials under various third party inspection agencies such as EIL Lloyds, BV PDIL, IBR DNV, Tata Chemtex, CQX as per requirement of our customers.

The company wishes to build strong business relations with buyers looking for premium quality at affordable rates with guarantee of complete satisfaction.

We request you to please send all your enquiries and register our company in your approved list of suppliers.





LEADING EXPORTER, STOCKIST & SUPPLIERS OF : FERROUS & NON-FERROUS METALS



CERTIFICATE





**LEADING EXPORTER, STOCKIST &
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SHEETS & PLATES

- Nickel Alloys** : ASTM / ASME SB 162 UNS 2200, ASTM / ASME SB 162 UNS 2201
- Monel** : ASTM / ASME SB 127 UNS 4400
- Inconel** : ASTM / ASME SB 424 UNS 8825, ASTM / ASME SB 168 UNS 6600, ASTM / ASME SB 409 UNS 8810/8811,
ASTM / ASME SB 443 UNS 6625 (INCONEL 625)
- Hastelloy** : ASTM / ASME SB 575 UNS 10276 (HASTELLOY C276)
- Super Duplex &
Duplex Steel** : ASTM A / ASME SA 790 UNS NO S32205 / S32760 / S31803
- Stainless Steel** : ASTM A240, Gr. TP 304, 304L, 304LN, 309, 309S, 309H, 310H, 316, 316L, 316H, 316LN, 316Ti, 317,
317L, 321, 321H, 347, 347H, 409, 410, 420, 430 ETC.
- Alloy Steel** : ASTM A387 Gr. 2, 9, 11, 12 & 22 in class 1 & 2 ASTM A204
Gr. A & B, DIN 17175 Gr. 15Mo3 & 16Mo3 with IBR Test Certificate
- Carbon Steel** : IS 2062 / ASTM A36, Gr. A,B,C, IS 2002 Gr. 1 & 2 ASTM A516 Gr. 60 & 70
- Aluminium Alloys** : 2014, 2024, 5052, 5083, 5086, 6061, 6063, 6082, 6351, 7075
- Non-Ferrous** : Copper, Bronze, High speed Steel, Zinc, Lead
- Range** : 0.5mm to 200mm thick in 1000mm to 3000mm width &
2500mm to 12500mm length available with NACE MR 01.75





**LEADING EXPORTER, STOCKIST &
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PIPES / TUBES

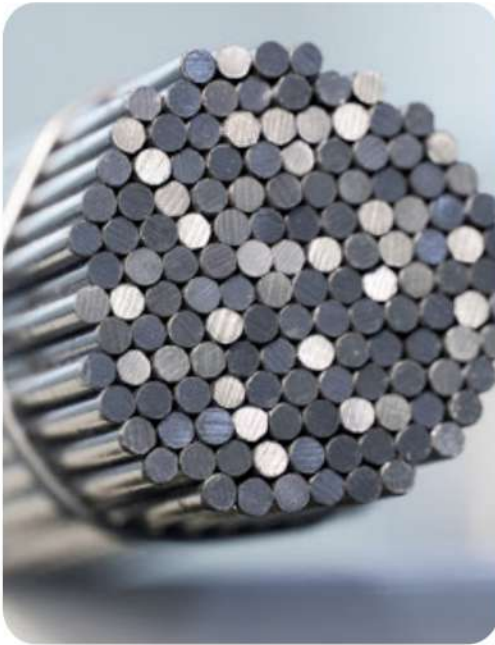
Nickel Alloys	: ASTM / ASME SB 161/B725/B730 UNS 2200, ASTM / ASME SB 161/B725/B730 UNS 2201
Monel	: ASTM / ASME SB 165/B725/B730 UNS 4400
Inconel	: ASTM / ASME SB 423/B705/B704 UNS 8825, ASTM / ASME SB 167/B517/B516 UNS 6600, ASTM / ASME SB 407/B514/B515 UNS 8810/8811, ASTM / ASME SB 444/B705/B704 UNS 6625
Hastelloy	: ASTM / ASME SB 622/B619/B622 UNS 10276
Super Duplex & Duplex Steel	: ASTM A / ASME SA 790 UNS NO S32205 / S32760 / S31803
Stainless Steel	: ASTM A / ASME SA 312 GR. TP 304, 304L, 304H, 309S, 309H, 310S, 310H, 316, 316L, 316Ti, 316H, 316LN, 317, 317L, 321, 321H, 347, 347H, 904L.
Alloy Steel	: ASTM A / ASME SA 335 GR P1, P5, P9, P11, P12, P22, P91, P92, ASTM A / ASME SA 691 Gr. 1 cr, 1 1/4 cr, 2 1/4 cr, 5 cr, 9cr
Carbon Steel	: ASTM A / ASME SA 53 GR. A & B, ASTM A / ASME SA 106, GR. A, B & C, API 5L GR.B, API 5L X 42, X46, X52, X56, X60, X65 & X 70, X80 (PSL1 & PSL2) ASTM A / ASME SA 671 / 672 GR 60 CL 12 / 22 / 32
Aluminium Alloys	: 2014, 2024, 5052, 5083, 5086, 6061, 6063, 6082, 6351, 7075
Non-Ferrous	: Copper, Bronze, High speed Steel, Zinc, Lead
Type	: Round, Square, Rectangular.
Size	: 3/8" NB to 30" NB. (Seamless) 1/2" NB to 120" NB. (Welded) ERW / SAW
Wall Thickness	: Sch.5S to Sch. XXS & as specified.



LEADING EXPORTER, STOCKIST &
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ROUND BARS / HEX BARS / SQUARE BARS



Nickel Alloys	: ASTM / ASME SB 161/B725/B730 UNS 2200, ASTM / ASME SB 161/B725/B730 UNS 2201
Monel	: ASTM / ASME SB 165/B725/B730 UNS 4400, R405, K500
Inconel	: INCONEL ALLOY 600, INCONEL ALLOY 601, INCONEL ALLOY 625, INCONEL ALLOY 718, INCONEL ALLOY 725, INCONEL ALLOY X750
Hastelloy	: HASTELLOY C4, HASTELLOY B2, HASTELLOY G30, HASTELLOY B3, HASTELLOY C276, HASTELLOY X, HASTELLOY C22
Super Duplex & Duplex Steel	: UNS S31803, UNS S32750, UNS S32760, UNS S32550, 254SMO
Stainless Steel	: 347, 310, 303, 304/304H, 316/316L, 317/317L, 17/4PH, 410, 431, Nitronic 50, Nitronic 60, Nimonic 80A
Alloy Steel	: ASTM A387 Gr. 2, 9, 11, 12 & 22 in class 1 & 2 ASTM A204 Gr. A & B, DIN 17175 Gr. 15Mo3 & 16Mo3
Carbon Steel	: IS 2062 / ASTM A36, Gr. A,B,C, IS 2002 Gr. 1 & 2 ASTM A516 Gr. 60 & 70
Aluminium Alloys	: 2014, 2024, 5052, 5083, 5086, 6061, 6063, 6082, 6351, 7075
Non-Ferrous	: Copper, Bronze, Aluminium, High speed Steel, Zinc, Lead
Type	: Round, Square, Hexagonal, Rectangular

STRUCTURAL STEEL (ANGLE, CHANNELS, FLAT)

We specialize in stainless steel equal & unequal angles, stainless steel cold drawn flats, stainless steel hot rolled flats, stainless steel polished & hairline angles & flats, stainless steel tapered & non tapered channels, stainless steel I Beams and stainless steel Tee Bars in various size range. We offer stainless steel products in various grades.

Nickel Alloys	: ASTM / ASME SB 161/B725/B730 UNS 2200, ASTM / ASME SB 161/B725/B730 UNS 2201
Monel	: ASTM / ASME UNS 4400, UNS 5500
Inconel	: INCONEL ALLOY 600, INCONEL ALLOY 601, INCONEL ALLOY 625, INCONEL ALLOY 718, INCONEL ALLOY 725, INCONEL ALLOY X750
Hastelloy	: UNS N10276, N06022, N10665, N06455
Super Duplex & Duplex Steel	: UNS S31803, UNS S32750, UNS S32760, UNS S32205
Stainless Steel	: ASTM A240 TP 304, 304H, 304L, 316, 316L, 409, 410, 420, 430
Alloy Steel	: ASTM A387 Gr. 2, 9, 11, 12 & 22 in class 1 & 2 ASTM A204 Gr. A & B, DIN 17175 Gr. 15Mo3 & 16Mo3
Carbon Steel	: IS 2062 / ASTM A36, Gr. A,B,C, IS 2002 Gr. 1 & 2 ASTM A516 Gr. 60 & 70
Aluminium Alloys	: 2014, 2024, 5052, 5083, 5086, 6061, 6063, 6082, 6351, 7075
Non-Ferrous	: Copper, Bronze, Aluminium, High speed Steel, Zinc, Lead



FLANGES & FITTINGS

FLANGES

Nickel Alloys	: ASTM / ASME SB 161/B725/B730 UNS 2200, ASTM / ASME SB 161/B725/B730 UNS 2201
Monel	: ASTM B564 MONEL 400, MONEL K500
Inconel	: ASTM B564 ALLOY 600, ALLOY 601, ALLOY 625, ALLOY 718, ALLOY 725
Hastelloy	: ASTM B564 HASTELLOY B2, C276, C22
Super Duplex & Duplex Steel	: ASTM A / ASME SA 790 UNS NO S32205 / S32760 / S31803
Stainless Steel	: ASTM A182 F304/304L/304H/316/316L/317/317L/321/310/347/904L etc.
Alloy Steel	: ASTM A182 F1/F5/F9/F11/F22/F91 etc.
Carbon Steel	: ASTM A105/A694/F42/46/52/56/60/65/70/A350LF2 etc.
Aluminium Alloys	: 2014, 2024, 5052, 5083, 5086, 6061, 6063, 6082, 6351, 7075
Non-Ferrous	: Copper, Bronze, Aluminium, High speed Steel, Zinc, Lead
Types	: Weldneck, Slipon (SORF), Blind, Socket Weld, Lap Joint, Spectacles, Ring Joint, Oriface, Long Weldneck Flange etc.
Size	: 1/8" NB to 48" NB.
Class	: 150#, 300#, 600#, 900#, 1500# & 2500#



FORGED FITTING

Nickel Alloys	: ASTM / ASME SB 161/B725/B730 UNS 2200, ASTM / ASME SB 161/B725/B730 UNS 2201
Monel	: ASTM B564 MONEL 400, MONEL K500
Inconel	: ASTM B564 ALLOY 600, ALLOY 601, ALLOY 625, ALLOY 718, ALLOY 725
Hastelloy	: ASTM B564 HASTELLOY B2, C276, C22
Super Duplex & Duplex Steel	: ASTM A / ASME SA 790 UNS NO S32205 / S32760 / S31803
Stainless Steel	: ASTM A182 F304/304L/304H/316/316L/317/317L/321/310/347/904L etc.
Alloy Steel	: ASTM A182 F1/F5/F9/F11/F22/F91/F92 etc.
Carbon Steel	: ASTM A105/A694/F42/46/52/56/60/65/70/A350LF2 etc.
Aluminium Alloys	: 2014, 2024, 5052, 5083, 5086, 6061, 6063, 6082, 6351, 7075
Non-Ferrous	: Copper, Bronze, High speed Steel, Zinc, Lead
Types	: Elbow, Tee, Union, Cross, Coup Bushing, Plug, Swage Nipple, Welding Boss, Hexagon Nipple, Barrel Nipple, Welding Nipple, Parraler Nipple, Street Elbow, Hexagon Nut, Hose Nipple, Bend, Adapter, Insert, Weldolet, Elbowlet, Sockolet, Thredolet, Nipolet, Letrolet etc.
Size	: 1/4" NB to 4" NB. (Socketweld & Threaded)
Class	: 3000#, 6000#, 9000#



BUTT-WELD FITTING

Nickel Alloys	: ASTM / ASME SB 161/B725/B730 UNS 2200, ASTM / ASME SB 161/B725/B730 UNS 2201
Monel	: ASTM B366 MONEL 400, MONEL K500
Inconel	: ASTM B366 ALLOY 600, ALLOY 601, ALLOY 625, ALLOY 718, ALLOY 725
Hastelloy	: ASTM B366 HASTELLOY B2, C276, C22
Super Duplex & Duplex Steel	: ASTM A / ASME SA 790 UNS NO S32205 / S32760 / S31803
Stainless Steel	: ASTM A403 WP304/304L/304H/316/316L/317/317L/321/310/347/904L etc.
Alloy Steel	: ASTM A234 WP1/WP5/WP9/WP11/WP22/WP91etc.
Carbon Steel	: ASTM A234 WPB/A420 WPL3/A420 WPL6/MSS-SP-75 WPHY 42/46/52/56/60/65/70
Aluminium Alloys	: 2014, 2024, 5052, 5083, 5086, 6061, 6063, 6082, 6351, 7075
Non-Ferrous	: Copper, Bronze, High speed Steel, Zinc, Lead
Types	: Elbow, Tee, Reducer, Return Bends, Stub-Ends, Cap, Collar, Cross, Insert etc.
Size	: 1/4" NB to 32" NB. (Seamless & Welded)
Class	: Sch. 55 to Sch. XXS.



TECHNICAL INFO OF NICKEL BASED ALLOYS

U.S.A. / GROSSBRITANNIE U.S.A. / GRANDE-BRETAGNE U.S.A. / GREAT BRITAN													
Analyses	Analyses Composition												
Handelsbezeichnung Designation Commercial Commercial designation	C%	Co%	Cr%	Mo%	Ni%	V%	W%	Al%	Cu%	Nb/Cb Ta%	Ti%	Fe%	Sonstige Autres -Other %
Monel 400	0.12	-	-	-	65.0	-	-	-	32.0	-	-	1.5	Mn 1.
Monel 401	0.10	-	-	-	43.0	-	-	-	53.0	-	-	0.75	Si 0.25;Mn z25
Monel 404	0.15	-	-	-	52.0-57.0	-	-	0.05	rest/bal	-	-	0.50	Mn 0.10; Si 0.10;So.024
Monel 502	0.10	-	-	-	63.0-17.0	-	-	2.5-3.5	rest/bal	-	0.50	2.0	Mn 1.5;Si:So.010
Monel k 500	0.13	-	-	-	64.0	-	-	2.8	30.0	-	0.60	1.0	Mn 0.8
Monel B	0.10	1.25	0.60	28.0	rest/bal	0.30	-	-	31.0	-	-	1.2	Mn1.0;So,0.04
Hastelloy B2	0.02	1.0	1.0	26.0-30.0	rest/bal	-	-	-	-	-	-	2.0	Mn1.0;Si 0.10
Hastelloy C	0.07	1.25	16.0	17.0	rest/bal	0.30	40	-	-	-	-	5.75	Mn 1.0;Si 0.70
Hadselloy C4	0.015	2.0	14.0-17.0	14.0-17.0	rest/bal	-	-	-	-	-	0.70	3.0	Mn1.0;Si 0.70
Hastelloy C276	0.02	2.5	140-16.5	15.0-17.0	rest/bal	0.35	3.0-4.5	-	-	-	-	4.0-7.0	Mn 1.0;Si 0.05
Incoloy 800	0.04	-	21.0	-	32.0	-	-	0.3	-	-	0.4	45.0	-
Incoloy 801	0.05	-	20.5	-	32.0	-	-	-	-	-	1.1	45.0	-
Incoloy 802	0.35	-	21.0	-	32.0	-	-	0.6	-	-	0.7	45.0	-
Incoloy 804	0.05	-	29.5	-	41.0	-	-	0.3	-	-	0.6	25.4	-
Incoloy 805	0.12	-	7.5	0.50	36.0	-	-	-	0.10	-	-	rest/bal	Mn 0.60;Si 0.50
Incoloy 810	0.25	-	21.0	-	32.0	-	-	-	0.50	-	-	rest/bal	Mn 0.90; Si 0.80
Incoloy 825	0.04	-	21.0	3.0	42.0	-	-	-	2.0	-	1.0	30.0	-
Incoloy 901	0.05	-	12.5	6.0	rest/bal	-	-	-	-	-	2.9	34.0	Mn 0.24;0.12;00.015
Incoloy 903	0.02	15.0	-	-	38.0	-	-	0.7	-	Nb 3.0	1.4	41.0	-
Incoloy 904	0.02	14.0	-	-	33.0	-	-	-	-	-	1.7	50.0	-
Incoloy 600	0.05	-	15.5	-	75.0	-	-	-	-	-	-	8.0	-
Incoloy 601	0.05	-	23.0	-	60	-	-	1.4	-	-	-	14.0	-
Incoloy 610	0.20	-	15.5	-	rest/bal	-	-	-	0.50	Nb 1.0	-	9.0	Mn0.90;Si 2.0
Incoloy 617	0.07	12.5	22.5	9.0	54.0	-	-	1.0	-	-	-	-	-
Incoloy 625	0.05	-	21.5	9.0	61.0	-	-	0.60	-	Nb 3.65	0.60	2.5	Mn 05;Si 0.50
Incoloy671	0.07	12.5	22.5	9.0	51.0	-	-	-	-	-	0.35	-	-
Incoloy 700	0.12	28.5	15.0	3.75	46.0	-	-	3.0	0.05	-	2.20	0.70	Mn 0.10;Si 0.30
Incoloy 702	0.04	-	15.6	-	rest/bal	-	-	3.4	0.10	-	0.70	0.35	Mn 0.05; Si 0.20
Incoloy 705	0.30	-	15.5	-	rest/bal	-	-	-	0.50	-	-	8.0	Mn 0.90; Si 5.5

CHEMICAL COMPOSITION OF TITANIUM / NICKEL BASE ALLOYS

Grade	UNS Designation	C %	Mn %	P %	S %	Si%	Ni %	Co %	Cu %	Ag%	Fe %	Pb %	Zn %	N %	Ti %	H %	O %
		Max	Max	Max	Max	-	-	-	-	-	-	-	Max	-	Max	Max	-
70/30 Cu-Nu	C 71500	0.05	1.0	0.02	0.02	-	29.0-33.0	-	-	-	0.40-1.0	0.02	0.50	-	-	-	-
90/10 Cu-Ni	C 70600	0.05	1.0	0.02	0.02	-	9.0-11.0	-	-	-	1.0-1.8	0.02	0.50	-	-	-	-
Titanium Gr. 2	R 50400	0.08	0.03	-	-	-	-	-	-	-	0.30	-	-	-	-	-	0.25
Titanium Gr. 1	R 50250	0.08	0.03	-	-	-	-	-	-	-	0.20	-	-	-	-	0.015	0.18
Type 17-4PH	-	0.07	1.00	0.04	0.03	1.00	3.00-5.00	3.00-5.00	0.15-0.45	-	-	-	-	-	-	-	-
Nickel 200	2200	0.15	0.35	-	0.01	0.35	99.0	-	-	-	0.40	-	-	-	-	-	-
Nickel 201	2201	-	0.35	-	0.01	0.35	99.0	-	0.25	-	0.40	-	-	-	-	-	-

CHEMICAL COMPOSITION OF STAINLESS STEEL

Stainless Steel is essentially a low carbon steel which contains chromium at 10% or more by weight. It is this addition of chromium that gives the steel its unique stainless corrosion resisting Properties. The corrosion resistance and other useful properties of the steel are enhanced by increased chromium content and the addition of other elements such as molybdenum, nickel and nitrogen

Chemical Composition of Stainless Steel											Nearest Equivalent Specification		
AISI Grade	UNS NO.	EN	BS	C Max	Mn Max	P Max	S Max	Si Max	Cr	Ni	Mo	Cu	I.S.

Austenitic

201	S20100	-	-	0.15	5.5/7.5	0.06	0.03	1	16.0/18.0	3.5/5.5	-	-	-
202	S20200	-	-	0.15	7.5/10	0.06	0.03	1	17.0/19.0	4.0/6.0	-	-	-
301	S30100	-	301S21	0.15	2.0max	0.045	0.040	1.0	16.0/18.0	6.0/8.0	-	-	10Cr17Ni7
302	S30200	-	-	0.15	2.0	0.045	0.030	1.0	17.0/19.0	8.0/10.0	-	-	07Cr18Ni9
303	S30300	-	303S31	0.15	2.0	0.045	0.15 min	1.0	17.0/19.0	8.0/10.0	-	-	15Cr18Ni9
304	S30400	1.4301	-	0.08	2.0	0.045	0.030	1.0	18.0/20.0	8.0/10.0	-	-	04Cr18Ni10
304L	S30403	1.4307	304S11	0.030	2.0	0.045	0.030	1.0	18.0/20.0	8.0/12.0	-	-	02Cr18Ni11
304LN	S30453	1.4306	304S61	0.030	2.0	0.045	0.030	0.75	18.0/20.0	8.0/11.0	-	-	-
304H	S30409	-	-	0.05	2.0	0.045	0.03	1	18.0/20.0	8.5/9.5	-	-	-
309	S30900	-	309S16	0.20	2.0max	0.045	0.030	1.0	22.0/24.0	12.0/15.0	-	-	20Cr24Ni12
309S	S30908	1.4833	-	0.08	2.0	0.045	0.030	1.0	22.0/24.0	12.0/15.0	-	-	-
310H	S31009	-	-	0.25	2.0	0.045	0.030	1.50	24.0/26.0	19.0/22.0	-	-	10Cr25Ni12
310S	S31008	1.4845	-	0.08	2.0	0.045	0.030	1.50	24.0/26.0	19.0/22.0	-	-	-
316	S31600	-	316S31	0.08	2.0	0.045	0.030	1.0	16.0/18.0	10.0/14.0	2.0/3.0	-	04Cr17Ni12Mo2
316L	S31603	1.4404	316S11	0.030	2.0	0.045	0.030	1.0	16.0/18.0	10.0/14.0	2.0/3.0	-	03Cr17Ni12Mo2
316LN	S31653	-	316S61	0.030	2.0	0.045	0.030	0.75	16.0/18.0	10.0/14.0	2.0/3.0	-	-
316Ti	S31635	1.4571	320S31	0.080	2.0	0.045	0.030	1.0	16.0/18.0	10.0/14.0	2.0/3.0	-	-
317	S31700	-	-	0.08	2.0	0.045	0.030	1.0	18.0/20.0	11.0/15.0	3.0/4.0	-	-
317L	S31703	-	317S12	0.030	2.0	0.045	0.030	1.0	18.0/20.0	11.0/15.0	3.0/4.0	-	-
317LN	S31753	-	-	0.03	2.0	0.045	0.03	1	18.0/20.0	11.0/15.0	3.0/4.0	-	-
321	S32100	1.4541	321S31	0.08	2.0	0.045	0.030	1.0	17.0/19.0	9.0/12.0	-	-	04Cr18Ni10Ti20
347	S34700	-	347S31	0.08	2.0	0.045	0.030	1.0	17.0/19.0	9.0/12.0	-	-	04Cr18Ni10Nb-40
904L	N08904	1.4539	-	0.02	2.0	0.045	0.035	1	19.0/23.0	23.0/28.0	4.0-5.0	-	-

Ferritic

410	S41000	-	410S21	0.15	1.00	0.040	0.030	1.0	11.50-13.50	0.75	...	...	...
410S	S41008	1.4000	403S17	0.08	1.00	0.040	0.030	1.0	11.50-13.50	0.60	...	...	...
429 ^o	S42900	-	-	0.12	1.00	0.040	0.030	1.0	14.00-16.00	...	...	...	...
430	S43000	1.4016	430S17	0.12	1.00	0.040	0.030	1.0	16.00-18.00	0.75	...	...	...
439	S43035	-	-	0.07	1.00	0.040	0.030	1.0	17.00-19.00	0.050	...	0.04	...
444	S44400	-	-	0.025	1.00	0.040	0.030	1.0	17.5-19.5	1.00	1.75-2.50	0.035	...
409L		-	-	≤ 0.030	≤ 1.00	≤ 1.00	-	-	-	10.50~11.75	~	-	-

Duplex & Super Duplex

---	S31803	1.4462	-	0.030	2.00	0.030	0.020	1.0	21.0-23.0	4.5-6.5	2.5-3.5	---	0.08-0.20
255 ^o	S32550	-	-	0.040	1.50	0.040	0.030	1.0	24.0-27.0	4.5-6.5	2.9-3.9	1.50-2.50	0.10-0.25
2507	S32750	1.441	-	0.030	1.20	0.035	0.020	0.8	24.0-26.0	6.0-8.0	3.0-5.0	0.50	0.24-0.32
---	S32760	-	-	0.030	1.00	0.030	0.010	1.0	24.0-26.0	6.0-8.0	3.0-4.0	0.50-1.00	0.20-0.30



**LEADING EXPORTER, STOCKIST & SUPPLIERS OF :
FERROUS & NON-FERROUS METALS**



**CARBON STEEL PIPE DIMENSIONS AS PER
ASTM & WEIGHT/KG.PER MTR. (ANSI B 36.19 - 1965)**

Nominal pipe size	OD mm	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS	Nominal pipe size	FIGURES BASED ON AUSTENITIC STEEL				SHIPPING Vol/mm ³
																5S	10S	40S	80S	
1/2	21,30	2,10 1,00			2,77 1,27	2,77 1,27		3,73 1,62	3,73 1,62				4,78 1,95	7,47 2,55	1/2	1,65 0,82	2,11 1,01	2,77 1,30	3,73 1,65	0,0004
3/4	26,70	2,11 1,27			2,87 1,69	2,87 1,69		3,91 2,20	3,91 2,20				5,56 2,90	7,82 3,64	3/4	1,65 1,04	2,11 1,31	2,87 1,71	3,91 2,24	0,0007
1	33,40	2,77 2,09			3,38 z	3,38 2,50		4,55 3,24	4,55 3,24				6,35 4,24	9,09 5,45	1	1,65 1,68	2,77 2,13	3,38 2,55	4,55 3,29	0,0011
1 1/4	42,20	2,77 2,69			3,56 3,39	3,56 3,39		4,85 4,47	4,85 4,47				6,35 5,61	9,70 7,77	1 1/4	1,65 1,95	2,77 2,76	3,56 3,46	4,85 4,56	0,0018
1 1/2	48,30	2,77 3,11			3,68 4,05	3,68 4,05		5,08 5,41	5,08 5,41				7,14 7,25	10,15 9,56	1 1/2	1,65 2,24	2,77 3,17	3,68 4,13	5,08 5,51	0,0023
2	60,30	2,77 3,94			3,91 5,44	3,91 5,44		5,54 7,48	5,54 7,48				8,74 11,11	11,07 13,44	2	2,11 3,77	2,77 4,01	3,91 5,54	5,54 7,63	0,0036
2 1/2	73,00	3,05 5,25			5,16 8,63	5,16 8,63		7,01 11,41	7,01 11,41				9,53 14,92	14,02 20,39	2 1/2	2,11 3,77	3,05 5,36	5,16 8,81	7,01 11,64	0,0053
3	88,90	3,05 6,46			5,49 11,29	5,49 11,29		7,62 15,27	7,62 15,27				11,13 21,35	15,24 27,68	3	2,11 4,60	3,05 6,59	5,49 11,52	7,62 15,59	0,0079
3 1/2	101,60	3,05 7,42			5,74 13,57	5,74 13,57		8,08 18,63	8,08 18,63				-	-	3 1/2	2,11 5,29	3,05 7,55	5,74 13,84	8,08 19,01	0,0103
4	114,30	3,05 8,37			6,02 16,07	6,02 16,07		8,56 22,32	8,56 22,32		11,13 28,32		13,49 33,54	17,12 41,03	4	2,11 5,96	3,05 8,52	6,02 16,40	8,56 22,77	0,0130
5	141,30	3,40 11,61			6,55 21,77	6,55 21,77		9,53 30,97	9,53 30,97		12,70 40,28		15,88 49,11	19,05 57,43	5	2,77 9,67	3,40 11,82	6,55 22,20	9,53 31,59	0,0199
6	168,30	3,40 13,81			7,11 28,26	7,11 28,26		10,97 42,56	10,97 42,56		14,27 54,20		18,26 67,56	21,95 79,22	6	2,77 11,55	3,40 14,13	7,11 28,83	10,97 43,42	0,028
8	219,10	3,76 20,01	6,35 33,31	7,04 36,81	8,18 42,55	8,18 42,55	10,30 53,10	12,70 64,64	12,70 64,64	15,09 75,92	18,26 90,44	20,62 100,92	23,01 111,27	22,23 107,92	8	2,77 15,09	3,76 20,37	8,18 43,39	12,70 65,95	0,048
10	273,10	4,19 27,29	6,35 41,77	7,80 51,03	9,27 60,31	9,27 60,31	12,70 81,50	12,70 81,55	15,09 96,01	18,26 114,75	21,44 133,06	25,40 155,15	28,58 172,33	25,40 155,15	10	3,40 23,08	4,19 28,34	9,27 61,52	12,70 83,19	0,074
12	323,90	4,57 36,00	6,35 49,73	8,38 65,20	9,53 73,88	9,53 73,88	13,30 109,00	12,70 97,46	17,48 132,08	21,44 159,91	25,40 186,97	28,58 208,14	33,32 238,76	25,40 186,97	12	3,96 31,89	4,57 36,73	9,53 75,32	12,70 99,43	0,104
14	355,60	6,35 54,69	7,92 67,90	9,53 81,33	9,53 81,33	11,13 94,55	15,10 126,40	12,70 107,39	19,05 158,10	23,83 194,96	27,79 224,65	31,75 253,56	35,71 281,70		14	3,96 35,06	4,78 42,14			0,126
16	406,40	6,35 62,64	7,92 77,83	9,53 93,27	9,53 93,27	12,70 123,30	16,70 160,00	12,70 123,30	21,44 203,53	26,19 245,56	30,96 286,64	36,53 333,19	40,49 365,35		16	4,19 42,41	4,78 48,26			0,165
18	457,00	6,35 70,57	7,92 87,71	11,13 122,38	9,53 105,16	14,27 155,80	19,05 206,00	12,70 139,15	17,48 254,55	23,83 309,62	29,36 363,56	34,93 408,26	39,67 459,37	45,24	18	4,19 47,77	4,78 54,36			0,208
20	508,00	6,35 78,55	9,53 117,15	12,70 155,12	9,53 117,15	15,09 183,42	20,60 248,5	12,70 155,12	26,19 311,17	32,54 381,53	38,10 441,49	44,45 508,11	50,01 564,81		20	4,78 62,46	5,54 70,00			0,258
22	559,00	6,35 86,54	9,53 129,13	12,70 171,09	9,53 129,13	-	22,20 294,00	12,70 171,09	28,58 373,83	34,93 451,42	41,28 527,02	47,63 600,63	53,98 672,26		22	4,78 66,57	5,54 77,06			0,312
24	610,00	6,35 94,53	9,53 141,12	14,27 209,64	9,53 141,12	17,48 255,41	24,60 355,00	12,70 187,06	30,96 442,08	38,89 547,71	46,02 640,03	52,37 720,15	59,54 808,22		24	5,54 84,16	6,35 96,37			0,372
26	660,00	7,92 127,36	12,70 202,72	-	9,53 152,87	-	-	12,70 202,72	-	-	-	-	-		26	-	-			0,435
28	711,00	7,92 137,32	12,70 218,69	15,88 271,21	9,53 164,85	-	-	12,70 218,69	-	-	-	-	-		28	-	-			0,505
30	762,00	7,92 147,28	12,70 234,67	15,88 292,18	9,53 176,84	-	-	12,70 234,67	-	-	-	-	-		30	6,35 120,72	7,92 150,36			0,580
32	813,00	7,92 157,24	12,70 250,64	15,88 312,15	9,53 188,82	17,48 342,91	-	12,70 250,64	-	-	-	-	-		32	-	-			0,660
34	864,00	7,92 167,20	12,70 266,61	15,88 332,12	9,53 200,31	17,48 364,90	-	12,70 266,61	-	-	-	-	-		34	-	-			0,743
36	914,00	7,92 176,96	12,70 282,27	15,88 351,70	9,53 212,56	19,05 420,42	-	12,70 282,27	-	-	-	-	-		36	-	-			0,835
38	965,00	-	-	-	9,53 224,54	-	-	12,70 298,24	-	-	-	-	-		38	-	-			0,931
40	1016,00	-	-	-	9,53 236,53	-	-	12,70 314,22	-	-	-	-	-		40	-	-			1,032
42	1067,00	-	-	-	9,53 248,52	-	-	12,70 330,19	-	-	-	-	-		42	-	-			1,138

WEIGHT OF CARBON STEEL PIPES & TUBES

OD (mm) - W.T. (mm) X W.T. (mm) X 0.02466 = Kg. per Mtr.

Value for information only

Red - Weight

Black - Thickness



LEADING EXPORTER, STOCKIST &
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SYMPHONY METAL

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Plot No. 545, Steel Market, Kalamboli, Navi Mumbai - 410 218
Plot No. 781, Steel Market, Kalamboli, Navi Mumbai - 410 218