



**TRONYX
IMPEX**

MANUFACTURER OF INDUSTRIAL PIPE FITTING

Sales@tronyximpex.com

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INTRODUCTION

Incorporated In Year 2011 **TRONYX IMPEX** IS A Well Known Manufacturer, Exporter Stockist & Supplier Of Raw Materials Like *Stainless Steel, Mild steel, Carbon Steel, Alloy Steel, Nickel Alloys, Titanium Alloys, Bi ,Metal, Cupro Nickel, Bimetallic, Copper, Brass, Aluminum & other Ferrous & Non-Ferrous Metals etc. In the form of Pipes, Tubes, Flats, Plates, Coils, Sheets, Strips, Round Bars, Pipe Fittings , LR Bends, Flanges Mire , Angles, Channels, Fasteners Etc. As Per National/International Standards & Specifications.*

TRONYX IMPEX Has A Track Record Of Offering A Wide Range Of Piping Solution At Very Competitive Prices. In A Very Short Period Of Time.

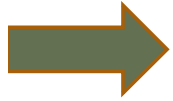
Headed By **Mr RAVI TIWARI** (Director) And Supported By Our Dedicated, Professional Team, We Are Able To Satisfy The Needs Of Our Clients In a Timely And Systematic Manner. The Profound Knowledge And Rich Experience Of our Team in The Respective Arena Of Metal Products Has Assisted The Company To Acquire Distinguished Position Amidst The Reliable Stainless Steel, Pipe Fitting In India.

We Are Counted Among The Best Manufacturer, Exporter Stockist & Supplier. We Export 60% Of Our Range Of Flanges, Pipe Fittings And Forged Fittings To Many Countries Like Usa, Uk, Italy, Malaysia, Gulf Etc. We Would Appreciate To Get Your Esteemed Enquires And Look Forward To The Pleasure Receiving Your Valuable Response. We regularly Supply These Items To Many Leading Industrial Units Consisting *Of Ship Building, Petrochemical Plants, Steel Plants, Refineries, Chemicals, Fertilizers, Power Plant, Pharmaceutical, Ports, Oil & Gas, Railway, Mining, Cement Plants, Paper Mills, Sugar Mills, Fabrication Units Etc.*

Especially Stainless Steel Sheets/ Plates/ Coils/ Pipes To Engineering Industries Who Are Engage In The Manufacture And Fabrication Of Process Equipment. We Can Supply The Items Even Under Third Party Inspection.



PIPES AND TUBES



STAINLESS STEEL

GRADE :- *ASTM A312 TP 304 / 304L / 304H / 316 / 316L / 316H / 317 / 317L / 321 / 321H / 310 / 347 / 347H / 904L etc.*

TYPE :- *ROUND, SQUARE, RECTANGLE.*

SIZE :- *UPTO 24" NB (Seamless & Welded).*

Wall Thickness :- *Sch. 55 to Sch. XXS*



MILD STEEL



GRADE :-

TYPE :- *ROUND, SQUARE, RECTANGLE.*

SIZE :- *UPTO 24" NB (Seamless & Welded).*

Wall Thickness :- *Sch. 55 to Sch. XXS*



Sheet, Plate, Coil & Bars



- ➔ **Stainless Steel** :- *ASTM A312 TP 304 / 304L / 304H / 316 / 316L / 316H / 317 / 317L / 321 / 321H / 310 / 347 / 347H / 904L etc.*
- ➔ **Carbon steel** :- *ASTM A53 GR. B / A106GR. B / API 5L GR. X42 / 46 / 52 / 56 / 60 / 65 / 70 / A333 GR. 3 / GR.6 etc.*
- ➔ **Alloy steel** :- *ASTM A335 GR. P1 / P5 / P9 / P11 / P22 P91 etc.*
- ➔ **Other** :- Duplex, Super duplex, Inconel, Monel Hastelloy, Nickel, alloy20, 254 SMO, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead etc.
Type :- Round, Hexagon, Square, Rectangle.





Fittings



➔ Butt-Weld Fittings

Stainless Steel :- *ASTM A312 TP 304 / 304L / 304H / 316 / 316L / 316H / 317 / 317L / 321 / 321H / 310 / 347 / 347H / 904L etc.*

Carbon steel :- ASTM A234 WPB/ A420 WPL3/ A420 WPL 6/ MSS-SP-75/ WPHY 42/46/52/56/60/65/70

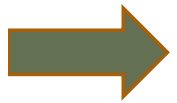
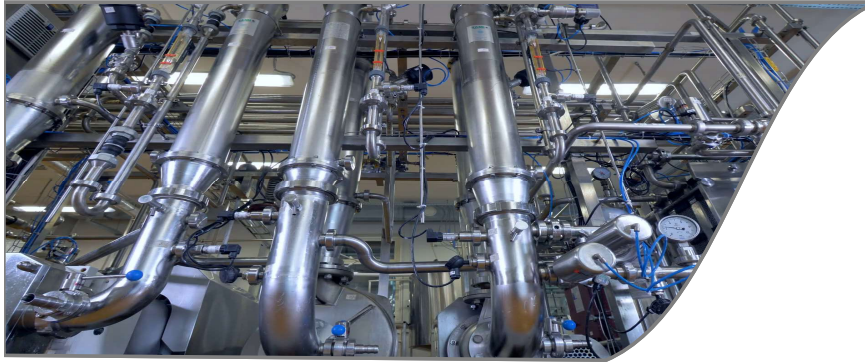
Alloy steel :- ASTM A234 WP1/ WP5/ WP9/ WP11/ WP22/ WP91/ AISI 4130/ AISI 4140 etc.

Type :- Elbow, Tee, Reducer, Return Bend, Stub-Ends, Cap, Collar, Cross Insert etc.

Size :- ¼"NB TO 32" NB.(Seamless &Welded)

Wall Thickness :- Sch.5S TO Sch.XXS.





Flanges



Stainless Steel :- *ASTM A312 TP 304 / 304L / 304H / 316 / 316L / 316H / 317 / 317L / 321 / 321H / 310 / 347 / 347H / 904L etc.*

Carbon steel :- ASTM A234 WPB/ A420 WPL3/ A420 WPL 6/ MSS-SP-75/ WPHY 42/46/52/56/60/65/70

Alloy steel :- ASTM A234 WP1/ WP5/ WP9/ WP11/ WP22/ WP91/ AISI 4130/ AISI 4140 etc.

TYPE :- Socket Weld, Sipon, Blind, Lap Joint, Spectacles, Ring joint, Oriface, Long Weldneck, Deck Flange etc.

Class :- 150#, 300#, 600#, 800#, 900#, 1500# & 2500#.



Forged Fittings

Stainless Steel :- *ASTM A312 TP 304 / 304L / 304H / 316 / 316L / 316H / 317 / 317L / 321 / 321H / 310 / 347 / 347H / 904L etc.*

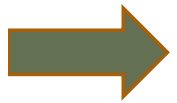
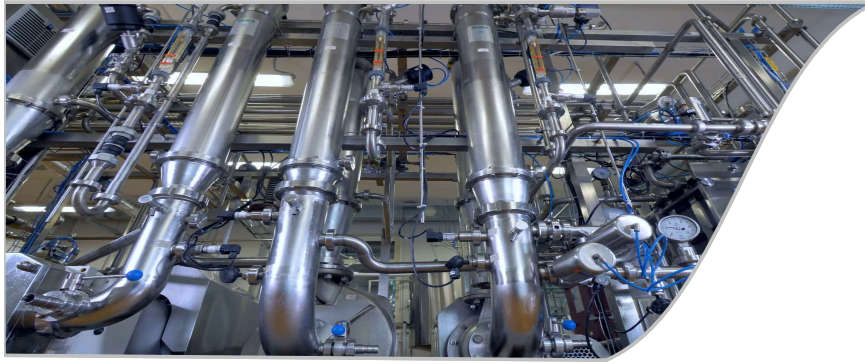
Carbon steel :- ASTM A105/ A 350 LF2, etc

Alloy steel :- ASTM A182 F1/ F5/ F9/ F11/ F22/ F91/ AISI 4130/ AISI 4140 etc.

TYPE :- Elbow, Tee, Union, Cross, Coupling, Cap, Bushing, Plug, Swage Nipple, Welding Boss, Hexagon Nipple, Barrel Nipple, Welding Nipple, Parallel Nipple, Street Elbow, Hexagon Nut, Hose Nipple, Bend, Adapter, Insert, Weldolet, Elbolet, Sockolet, Thredolet, Nipolet, Latrolet etc.

Class :- 150#, 300#, 600#, 800#, 900#, 1500# & 2500#.





Valves

TYPE :- Gate Valve/ Ball Valve/ Globe Valve/ Butterfly Valve/ Check Valve/ Cryogenic Valve.

GRADE :- WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C, CN7M, CD4MCu, Hastelloy, Inconel, 304L, 316L, 2205, 2507, etc.

Material :- Stainless steel/ Duplex/ Super Duplex/ Nickel Alloy/ Carbon Steel/ Alloy Steel.

Class :- 150#, 300#, 600#, 800#, 900#, 1500# & 2500#.

Maken :- Audco, KSB, L&T, Amco, Emerson, etc.



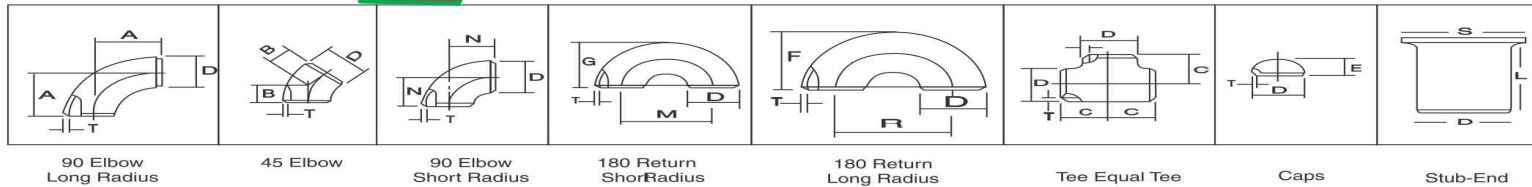
S.S Pipe Dimension

STAINLESS STEEL PIPE DIMENSION & WEIGHT –KG (PER MTR). (ANSI B36.19)

Nominal Bore		Outside Diameter	Sch-5S		Sch-10S		Sch-40S		Sch-80S		Sch-160S		Sch-XXS	
mm	INCH	mm	Wt mm	Weight (Kg/mt)	Wt mm	Weight (Kg/mt)	Wt mm	Weight (Kg/mt)	Wt mm	Weight (Kg/mt)	Wt mm	Weight (Kg/mt)	Wt mm	Weight (Kg/mt)
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	34.36	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	21.41	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	-	-

Dimensions for Butt Weld Fittings

DIMENSIONS OF BUTT-WELDING FITTING ANSI B-16.9 / B-16.28 / MSS SP 43



Nominal Pipe Size		Outside Diameter	Center to Face				Back to Face			Center to Center			Length 'L'	
INCH	MM	D	A R=1.5D	B	C	N R=1D	E	F	G	R	M	S	Short L	Long L
1/2	15	21.3	38.00	16.0	25.0	-	25.0	48.0	-	76.0		35.0	50.8	76.2
3/4	20	26.7	29.00	11.0	29.0	-	25.0	43.0	-	57.0		43.0	50.8	76.2
1	25	33.4	38.00	22.0	38.0	25.0	38.0	56.0	41.0	76.0	51.0	51.0	50.8	101.6
1.1/4	32	42.2	48.00	25.0	48.0	32.0	38.0	70.0	52.0	95.0	64.0	64.0	50.8	101.6
1.1/2	40	48.3	57.15	29.0	57.0	38.0	38.0	83.0	62.0	114.0	76.0	73.0	50.8	101.6
2	50	60.3	76.00	35.0	64.0	51.0	38.0	106.0	81.0	152.0	102.0	93.0	63.5	152.4
2.1/2	65	73.0	95.25	44.0	76.0	64.0	38.0	132.0	100.0	191.0	127.0	105.0	63.5	152.4
3	80	88.9	114.30	51.0	86.0	76.0	51.0	159.0	121.0	229.0	152.0	127.0	63.5	152.4
3.1/2	90	101.6	133.35	57.0	95.0	89.0	64.0	184.0	140.0	267.0	178.0	140.0	76.2	152.4
4	100	114.3	152.0	64.0	105.0	102.0	64.0	210.0	159.0	305.0	203.0	157.0	76.2	152.4
5	125	141.3	190.0	79.0	123.0	127.0	76.0	262.0	197.0	381.0	254.0	186.0	76.2	203.2
6	150	168.3	229.0	95.0	143.0	152.0	89.0	313.0	237.0	457.0	305.0	218.0	88.9	203.2
8	200	219.1	305.0	127.0	178.0	203.0	102.0	414.0	313.0	610.0	406.0	270.0	101.6	203.2
10	250	273.1	381.0	159.0	216.0	254.0	127.0	515.0	391.0	762.0	508.0	324.0	127.0	254.0
12	300	323.8	457.0	190.0	254.0	305.0	152.0	619.0	467.0	914.0	610.0	381.0	152.4	254.0
14	350	355.6	533.0	222.0	279.0	356.0	165.0	711.0	533.0	1067.0	711.0	413.0	152.4	305.0
16	400	406.4	610.0	254.0	305.0	406.0	178.0	813.0	610.0	1219.0	813.0	470.0	152.4	305.0
18	450	457.2	686.0	286.0	343.0	457.0	203.0	914.0	686.0	1372.0	914.0	533.0	152.4	305.0
20	500	508.0	762.0	318.0	381.0	508.0	229.0	1016.0	762.0	1524.0	1016.0	584.0	152.4	305.0
22	550	559.0	838.0	343.0	419.0	559.0	254.0	1118.0	838.0	1676.0	1118.0	614.4	152.4	305.0
24	600	610.0	914.0	381.0	432.0	610.0	267.0	1219.0	914.0	1829.0	1219.0	692.0	152.4	305.0
26	650	660.0	991.0	405.0	495.0	660.0	267.0							
28	700	711.0	1067.0	438.0	521.0	771.0	267.0							
30	750	762.0	1143.0	470.0	559.0	762.0	267.0							
32	800	813.0	1219.0	502.0	597.0	813.0	267.0							
34	850	864.0	1295.0	533.0	635.0	864.0	267.0							
36	900	914.4	1372.0	565.0	673.0	914.0	267.0							

All Dimensions in Millimeters

• All Dimension in Millimeters

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APPLICATION INDUSTRIES



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