

RENAM ALLOYS INC.

LEADING EXPORTER COMPANY FOR STEEL PRODUCTS



All Ferrous & Non Ferrous Metal
& Industrial Raw Material





COMPANY PROFILE

RENAM ALLOYS INC is a Leading Stockist & Suppliers of stainless steel Pipes & Tubes, Buttweld Fitting, Forged Fitting, forged flanges, located in Mumbai (India). We offer a complete line of both small and large diameter Flanges, combined with an entire range of pressure classes in various grades of material.

RENAM ALLOYS INC Suppliers of Ferrous & Non Ferrous Material in a high demand in the market due to our reliability and quality. Competitively priced and high-quality stainless steel flanges has placed us among the leading manufactures and exporters. We are an exporter and supplier of duplex forged flanges in diverse ranges and make them available at short delivery along with the competitive price.

As a leading stainless steel Products Supplier & Stockist in India, you can count on **RENAM ALLOYS INC** offer quality products to suit your industry needs. The most durable and corrosion-resistant 304L/316L forged flanges are available, with cutting-edge equipment and highly skilled research analysts. We adhere to worldwide quality standards for a variety of specifications based on client needs.

QUALITY POLICY

All products of **RENAM ALLOYS INC** have to meet a very high standard, set by stringent quality specifications and norms. All process parameters and conditions are developed and constantly monitored throughout the entire manufacturing process. A quality system to ISO 9001 : 2015, and PED Certified as outlined in this manual has been developed and implemented to ensure that all the customer requirements is satisfied.

The quality policy of **RENAM ALLOYS INC** is very simple to perform work of the highest attainable quality in accordance with applicable codes / standards / specification and customer's specifications. Our products are subjected to various quality testing such as Eddy Current test, Hydrostatic test, Ultra sonic test, Hardness test, Air underwater test, Dimensional test, Visual test, Boroscope Test etc

All Products are subject to Strict Inspection at each stage of the Production Process. From starting Material Purchasing to Dispatch. They are examined as per Approves or Standard ITP for conformity to ASMT, ASME, MSS, DIN and EN codes and standards. We offer inspection by Certified Inspection Agency / Agencies (Dual Inspection) to confirm Dimensions and Quality with respect to Project Standard. Test Certificates, Manufacturer Test Certificate as per EN 10204 3.1 & 3.2, Raw Material Certificate, 100% Radiography Test Report. Third Party Inspection Report.



PIPES & TUBES

Pipes

Stainless Steel & Duplex Steel Pipe

Size	: ½" to 30"
Schedule	: Sch. 5 to Sch. XXS
Stainless Steel	: ASTM A312, A358 - TP 304/304H/304L/316/316H/ 316L/316Ti/309/310/317/317L/321/347/904L
Duplex Steel	: ASTM A790 - UNS S31803, S32750, S32760, S32205

Alloy Steel, Carbon Steel & LTCS Pipe

Size	: 1/2" to 36"
Schedule	: Sch. 5 to Sch. XXS
Alloy Steel Pipe	: ASTM A335 Gr. P5, P9, P11, P12, P22 & P91
Carbon Steel	: ASTM A 106 Gr. B ASTM A53
Low Temp. Pipe	: ASTM A 333 Gr. 6
Line Pipe	: API 5L, X 42, 46, 52, 56, 60, 70
Mild Steel & Galvanized Pipe	: IS 1239, IS 3589

Copper & Nickel Alloys pipe

Size	: ½" NB to 10" NB
Standard	: 10S/40S/80S
Copper Nickel	: C70600 (90:10), C71500 (70:30), C71640
Nickel	: UNS N02200, N02201
Monel	: UNS N04400, N05500, Alloy 20
Inconel	: UNS N06600, N06601, N06625, N08800, N08810, N08825
Hastelloy	: UNS N10276, N06022, N10665, N06455

Tubes

Size	: 6 mm OD to 219.08 mm OD
Thickness	: 0.6mm-10mm-Gauge : 22 SWG/BWG to 10 SWG/BWG
Form	: Round, Square, Rectangle, Coil, 'U' Shap
Length	: Standard Length & Cut Length
Stainless Steel	: ASTM A-213, A-249, A269-TP 304/304H/304L, 316/316H/316L/316Ti, TP 309, 310, 317L, 321, 347, 904 L etc.
Duplex Steel	: ASTM A790 - UNS S31803, S32750, S32760, S32205
Low Alloy Steel	: ASTM A 213 - T-11, T-12, T-22, T-5, T-9 etc.
Carbon Steel	: BS 3059 Gr. 360 / 440, SA 179, SA / ASTM A210 Gr. A1
Copper Nickel	: ASTM B111, C70600 (90:10), C71500 (70:30), C71640
Admiralty Brass	: ASTM B 111 C44300, C44400, C44500, C68700
Copper & Brass	: ASTM B 188 C11000, C12200, C26000, C27000, C28000
Nickel Alloy Tube	: Nickel, Monel, Inconel, Alloy 20 etc.
Specialize	: Capillary Tube, IBR Tubes, Copper Nickel Tube

Type :- Round | Square | Rectangle | Hydraulic

Inconel®, Incoloy®, Monel®, Hastelloy®, Duplex®
are Registered Trade Marks of their Respective Owners.



BUTTWELD FITTINGS

Stainless Steel & Duplex Steel

Stainless Steel : ASTM A 403 WP - 304/304H/304L/316/316H
316/316Ti, 309, 310, 317L, 321, 347, 904L

Duplex & : Standard
Super Duplex : ASTM A815 - UNS S31803, S32205 (2205)
Lean :
ASTM A815, 790 - UNS S32304 (2304)
Super Duplex :
ASTM A815, 790 - UNS S32750 (2507)
UNS S32760 (Zeron 100)

Hi-Nickel & Titanium

Hi-Nickel

Cupro Nickel : ASTM B 171 C70600 (90:10),
ASTM B 171 C71500 (70:30)
Nickel : ASTM B 366 N02200, N02201
Monel : ASTM B 366 N04400, DIN N05500
Inconel : ASTM B 366 N06600, N06601, N06617
ASTM B 366 N07718
ASTM B 366 N06625
Incoloy : ASTM B 366 N08800, N08810
ASTM B 366 N08825
ASTM B 366 N08020
Hastelloy : ASTM B 366 N10276, N06022
ASTM B 366 N10665
ASTM B 366 N06455

Size

Pipes : ½" to 30"
Schedule : Sch. 5 to Sch. XXS

Alloy Steel & Carbon Steel

Alloy Steel : ASTM A 234 WPB WP5, WP9, WP11,
WP12, WP91

Carbon Steel : ASTM A 234 WPB, IS 1239 PART II

Low Temp. CS : ASTM A-420 WPL6

Other Service : Hot Dip Galvanizing, Sand Blasting

Cupro Nickel

ASTM B 171 C70600 (90:10),
ASTM B 171 C71500 (70:30)

Monel

ASTM B 366 N04400
DIN N05500

Titanium

Commercially : ASTM B 363
Pure : Gr.1 R 56250 (CP4) Gr.2 R 50400 (CP3)
Gr.3 R 50550 (CP2) Gr.4 R 50700 (CP1)
Gr.7 R 52400 Gr.11 R 52250
Alloys : ASTM B 363
Gr.5 R 56400 (6Al-4V)
Gr.23 R 56401 (6Al-4V-ELI)
Gr.12 R 53400

Types

Stubend - (Long & Short) Elbow (45 DEG, 90 DEG, 180 DEG)
U Bend Tee - (Barred, Equal, Reducing)
End Cap Reducer - (Concentric & Eccentric)
Laterals Nipple - (Swage & Barrel)

BUTTWELD FITTINGS

Inconel®, Incoloy®, Monel®, Hastelloy®, Duplex®
are Registered Trade Marks of their Respective Owners.



FORGED FITTINGS

Stainless Steel & Duplex Steel

Stainless Steel : ASTM A 182F - 304/304H/304L/316/316H
316/316Ti, 309, 310, 317L, 321, 347, 904L

Duplex & : ASTM A 182 - F51, F53, F55
Super Duplex

Size

Size : 15NB To 100NB (Socket Weld & Threaded)
Class : 3000#, 6000#, 9000#, In ANSI B 16.11

Hi-Nickel & Titanium

Hi-Nickel

Nickel : ASTM B 564 N02200, N02201
Inconel : ASTM B 564 N06600, N06601, N06617
ASTM B 564 N07718
ASTM B 564 N06625
Incoloy : ASTM B 564 N08800, N08810
ASTM B 564 N08825
ASTM B 564 N08020
Hastelloy : ASTM B 564 N10276, N06022
ASTM B 564 N10665
ASTM B 564 N06455

Alloy Steel & Carbon Steel

Alloy Steel : ASTM A 234 WPB WP5, WP9, WP11,
WP12, WP91

Carbon Steel : ASTM A 234 WPB, IS 1239 PART II

Low Temp. CS : ASTM A-420 WPL6

Other Service : Hot Dip Galvanizing, Sand Blasting

Cupro Nickel

ASTM B 171 C70600 (90:10),
ASTM B 171 C71500 (70:30)

Monel

ASTM B 564 N04400
DIN N05500

Titanium

Commercially : ASTM B 381
Titanium Pure Gr.1 R 56250 (CP4) Gr.2 R 50400 (CP3)
Gr.3 R 50550 (CP2) Gr.4 R 50700 (CP1)
Gr.7 R 52400 Gr.11 R 52250

Titanium Alloys : ASTM B 381
Gr.5 R 56400 (6Al-4V)
Gr.23 R 56401 (6Al-4V-ELI)
Gr.12 R 53400

Types

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



TUBE FITTINGS & FASTENERS

TUBE FITTING

Size	: 1/16" to 2"
Type	: Union tee, Female tee, Branch tee, Run tee, Male connector, Female connector, Elbow, 3 Bulk Head Union, Reducing Union, OD Cap, OD plug,.
SS Tube fittings	: Gr. 304, 304H, 309, 310, 316, 316L, 317L, 347, 321, 904L
Duplex S S Tube Fittings	: UNS N031803, N032750, N032760
CS Tube Fittings	: A105
AS Tube Fittings	: Gr. 5, Gr.9, Gr.11, Gr.12, Gr.22, Gr.91
Cu Ni Tube Fittings	: C 70600 (90:10), C71500 (70:30)
Nickel	: UNS N02200, N02201
Monel	: UNS N04400, N05500, Alloy 20
Inconel	: UNS N06600, N06601, N08800, N08810, N08825
Hastelloy	: UNS N10276, N06022, N10665, N06455
Other Services	: Silver Plating
Specialize	: Double compression fitting, Ball Valve, Needle, Check.

FASTENERS

Material	: Stainless Steel / Duplex / Super Duplex / Nickel Alloy / Carbon Steel / Alloy Steel
Standard	: ASTM / ASME / ANSI / AISI / DIN
Grade	: 202, 304L, 316L, 317L, 321, 347, 310, 410, 420, 904L, 2205, 2507, Monel, Inconel, Hastelloy, Titanium etc.
Types	: Bolts, Nuts, Washers, Anchor Fasteners, Stud Bolts, Eye Bolt, Stud, Threaded Rod, Cotter Pin, Socket Screw, Fine Fasteners & Spares etc.
Size	: M2 to M100

Types

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



FLANGES

Stainless Steel & Duplex Steel

Stainless Steel : ASTM A 182F - 304/304H/304L/316/316H
316/316Ti, 309, 310, 317L, 321, 347, 904L

Duplex & : ASTM A 182 - F51, F53, F55
Super Duplex

Hi-Nickel & Titanium

Hi-Nickel

Nickel : ASTM B 564 N02200, N02201
Inconel : ASTM B 564 N06600, N06601, N06617
ASTM B 564 N07718
ASTM B 564 N06625
Incoloy : ASTM B 564 N08800, N08810
ASTM B 564 N08825
ASTM B 564 N08020
Hastelloy : ASTM B 564 N10276, N06022
ASTM B 564 N10665
ASTM B 564 N06455

Titanium

Commercially : ASTM B 381 Gr.1 R 56250 (CP4)
Pure : Gr.2 R 50400 (CP3) Gr.3 R 50550 (CP2)
Gr.4 R 50700 (CP1) Gr.7 R 52400
Gr.11 R 52250
Alloys : ASTM B 381 Gr.5 R 56400 (6Al-4V)
Gr.23 R 56401 (6Al-4V-ELI)
Gr.12 R 53400

Alloy Steel, Carbon Steel & LTCS Pipe

Alloy Steel : ASTM A 234 WPB WP5, WP9, WP11,
WP12, WP91

Carbon Steel : ASTM A 234 WPB, IS 1239 PART II

Low Temp. CS : ASTM A-420 WPL6

Other Service : Hot Dip Galvanizing, Sand Blasting

Cupro Nickel & Monel

Copper Nickel : ASTM B171 C70600 (90:10),
ASTM B171 C71500 (70:30)

Monel : ASTM B127 N04400
DIN N05500

Size : 1/2"NB to 48"NB, ANSI B 16.5

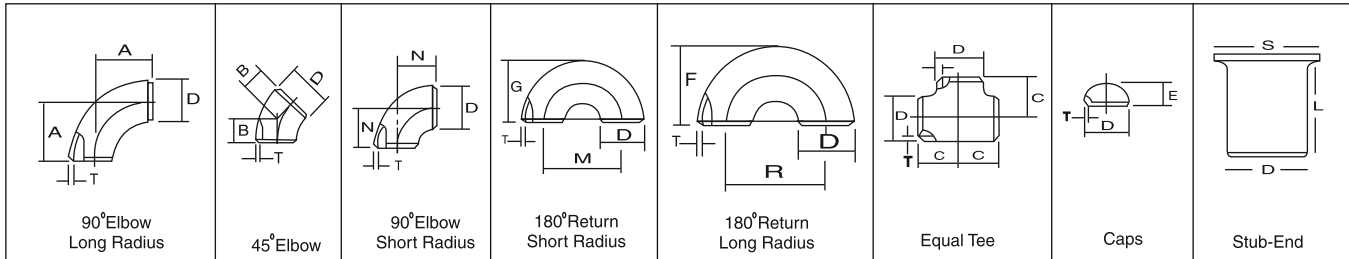
Class : 150#, 300#, 600#, 900#, 1500#, 2500#,
in ASA 150 & ASA 300

Types

Weldneck	Screwed / Threaded
Socketweld	Long Weldneck
Slip on	Lapped Joint
Blind	Spectacle Blind



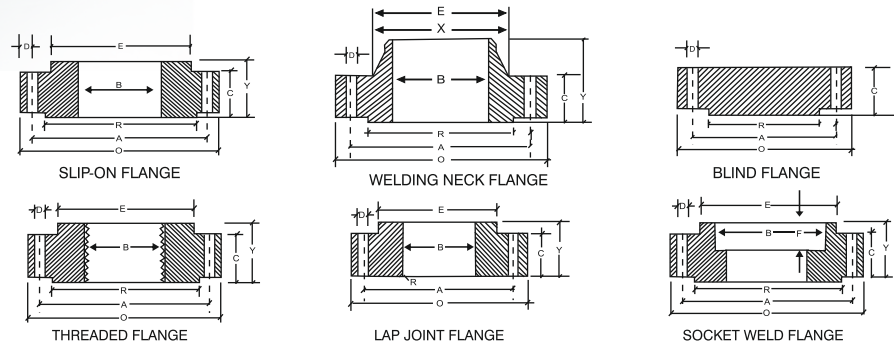
DIMENSIONS OF BUTT-WELDING FITTING ANSI B 16.9 - 2018



Nominal Pipe Size		Outside Diameter	Center to Face				Back to Face			Center to Center			Length 'L' MSS SP 43 B16.9	
INCH	NB	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	76.0
3/4	20	26.7	38.00	19.0	29.0	-	25.0	51.0	-	76.0	-	49.0	50.8	76.0
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	102.0
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	102.0
1 1/2	40	48.3	57.00	29.0	57.0	38.0	38.0	83.0	62.0	114.0	76.0	73.0	50.8	102.0
2	50	60.3	76.00	35.0	64.0	51.0	38.0	106.0	81.0	152.0	102.0	92.0	63.5	152.0
2 1/2	65	73.0	95.00	44.0	76.0	64.0	38.0	132.0	100.0	190.0	127.0	105.0	63.5	152.0
3	80	88.9	114.00	51.0	86.0	76.0	51.0	159.0	121.0	229.0	152.0	127.0	63.5	152.0
3 1/2	90	101.6	133.00	57.0	95.0	89.0	64.0	184.0	140.0	267.0	178.0	140.0	76.2	152.0
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	152.0
5	125	141.3	190.0	79.0	124.0	127.0	76.0	262.0	197.0	391.0	254.0	186.0	76.2	203.0
6	150	168.3	229.0	95.0	143.0	152.0	89.0	313.0	237.0	457.0	305.0	216.0	88.9	203.0
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	203.0
10	250	273.1	381.0	159.0	216.0	254.0	127.0	518.0	391.0	762.0	508.0	324.0	127.0	254.0
12	300	323.9	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	457.0	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	641.0	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	914.0	1372.0	565.0	673.0	914.0	267.0							

All Dimensions in Millimeters

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



FLANGES

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	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	-	355.80
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).

ASME B 36.19 STAINLESS STEEL PIPE DIMENSIONS IN MM & WEIGHT IN KG./MTR.

Nominal Bore		Outside Diameter	Schedule 5/5S		Schedule 10/10S		Schedule 20/20S		Schedule 40/40S		Schedule 80/80S		Schedule 160S		XXS	
mm	Inch	IDI	W.T. mm	Weight (KGM)	W.T. mm	Weight (KGM)	W.T. mm	Weight (KGM)	W.T. mm	Weight (KGM)	W.T. mm	Weight (KGM)	W.T. mm	Weight (KGM)	W.T. mm	Weight (KGM)
3	1/8	10.3	-	-	1.24	0.28	-	-	1.73	0.37	2.41	0.47	-	-	-	-
6	1/4	13.7	-	-	1.65	0.49	-	-	2.24	0.630	3.02	0.80	-	-	-	-
10	3/8	17.1	-	-	1.65	0.63	-	-	2.31	0.840	3.20	1.10	-	-	-	-
15	1/2	21.3	1.65	0.80	2.11	1.00	2.30	1.07	2.77	1.27	3.73	1.62	4.75	1.94	7.47	2.55
20	3/4	26.7	1.65	1.03	2.11	1.28	2.55	1.52	2.87	1.69	3.91	2.20	5.56	2.90	7.82	3.64
25	1	33.4	1.65	1.30	2.77	2.09	2.55	1.94	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	3.00	2.90	3.56	3.39	4.85	4.47	6.35	5.61	9.70	7.77
40	1 1/2	48.30	1.65	1.91	2.77	3.11	3.00	3.55	3.68	4.05	5.08	5.41	7.14	7.25	11.1	10.18
50	2	60.3	1.65	2.40	2.77	3.93	4.00	4.24	3.91	5.44	5.54	7.48	8.74	11.11	11.07	13.44
65	2 1/2	73.0	2.11	3.69	3.05	5.26	4.00	6.81	5.16	8.61	7.01	11.41	9.53	14.91	14.02	20.39
80	3	88.0	2.11	4.51	3.05	6.45	4.50	8.37	5.49	11.29	7.62	15.27	11.1	21.30	15.24	27.68
100	4	114.3	2.11	5.84	3.05	8.30	4.50	12.18	6.02	16.07	8.56	22.32	13.49	33.54	17.12	41.03
125	5	141.3	2.77	9.47	3.40	11.57	6.35	16.80	6.55	21.8	9.53	30.97	15.88	49.11	19.05	57.43
150	6	168.3	2.77	11.32	3.40	13.84	6.35	25.36	7.11	28.26	10.97	42.56	18.25	67.53	21.95	79.2
200	8	219.1	2.77	14.79	3.76	19.96	6.35	33.31	8.18	42.55	12.7	64.64	23.01	111.27	22.23	107.92
250	10	273.1	3.40	22.63	4.19	27.78	6.35	41.77	9.27	60.31	12.7	96.01	28.58	172.33	25.40	155.15
300	12	323.9	3.96	31.25	4.57	36.00	7.92	49.7	9.55	71.88	12.7	132.08	33.32	238.76	25.40	186.97
350	14	355.6	3.96	34.36	4.78	41.1	7.92	67.80	11.11	94.59						
400	16	406.1	4.19	41.56	4.78	47.29	7.92	77.81	12.7	123.30						
450	18	457.8	4.19	46.81	4.78	53.26	7.92	87.71	14.27	155.86						
500	20	508.8	4.78	59.25	5.54	68.61	9.53	117.14	15.00	182.42						
600	24	610.0	5.54	82.47	6.35	94.45	9.53	141.17	17.48	255.41						

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