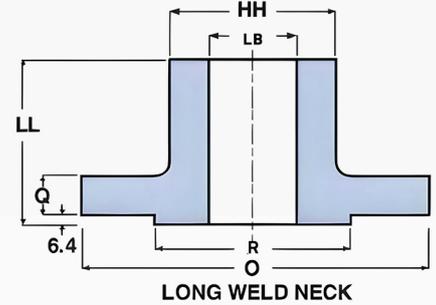
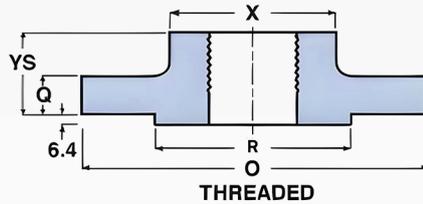
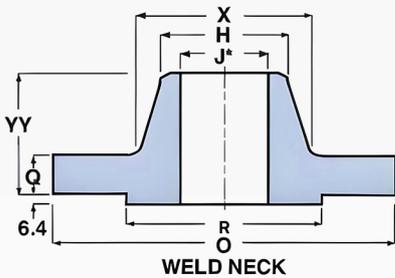




FLANGE SPECIFICATION: ASME B16.5



FLANGE SPECIFICATION: ASME 600

Nominal Pipe Size	Outside Diameter	Thickness	Raised Face Diameter	Hub Diameter	Slip On Bore	Hub Diameter Long Weld Neck	Neck Diameter Weld Neck	Length Through Hup				Drilling Data			Stud Bolt Length
								Weld Neck	Lap Joint	Screwed Slip On Socket Weld	Long Weld Neck	Bolt Circle Diameter	Number Of Holes	Hole Diameter	
mm	o	Q	R	X	SB	Neck HH	H	YY	YV	YS	LL	P	N	HD	
15	95.3	14.3	35	38.2	22.3	38.2	21.4	52.4	22.4	22.3	228.7	66.6	4	15.8	75
20	117.5	15.9	42.9	47.7	27.6	47.7	26.7	57.2	25.5	25.5	228.7	82.5	4	19	90
25	123.9	17.5	50.9	54	34.5	54	33.6	61.9	27	27	228.7	88.9	4	19	90
32	133.4	20.7	63.6	63.6	43.1	63.6	42.2	66.7	28.6	28.6	228.7	98.4	4	19	95
40	155.6	22.3	73.1	69.9	49.5	69.9	48.3	69.9	31.8	31.8	228.7	114.3	4	22.2	110
50	165.2	25.5	92.1	84.2	61.9	84.2	60.5	73.1	36.6	36.5	228.7	127	8	19	110
65	190.6	28.6	104.8	100	74.6	100	73.2	79.4	41.3	41.3	228.7	149.2	8	22.2	120
80	209.6	31.8	127.1	117.5	90.6	117.5	89	82.6	46.1	46.1	228.7	168.2	8	22.2	130
100	273.1	38.2	157.2	152.5	116	152.5	114.4	101.7	54	54	228.7	215.9	8	25.4	145
125	330.3	44.5	185.8	188.9	143.7	190.6	141.3	114.4	60.5	60.4	304.9	266.7	8	28.5	165
150	355.7	47.7	216	222.3	170.6	222.3	168.5	117.5	66.7	66.7	304.9	292.1	12	28.5	170
200	419.2	55.6	269.9	273.1	221.4	273.1	219.3	133.4	76.3	76.3	304.9	349.2	12	31.7	190
250	508.1	63.6	323.9	343	276.3	343	273.1	152.5	111.3	85.8	304.9	431.8	16	34.9	215
300	558.9	66.7	381.1	400.1	327.1	400.1	323.9	155.6	117.5	92.1	304.9	488.9	20	34.9	225
350	603.3	69.9	412.8	431.9	359.1	431.9	355.7	165.2	127.1	93.7	304.9	527	20	38.1	235
400	685.9	76.3	470	495.4	410.4	495.4	406.5	177.9	139.8	106.4	304.9	603.2	20	41.2	255
450	743	82.6	533.5	546.2	461.7	546.2	457.3	184.2	152.5	117.5	304.9	654	20	44.4	275
500	812.9	89	584.3	609.7	513	609.7	508.1	190.6	165.2	127.1	304.9	723.9	24	44.4	285
600	939.9	101.7	692.2	717.6	615.9	717.6	609.7	203.3	184.2	139.8	304.9	838.2	24	50.8	330

WELD NECK BORE J: REFER TO 'ASME PIPE SCHEDULE' FOR SIZE (Page 2) **LONG WELD NECK BORE LB:** SIZE TO BE SPECIFIED BY CUSTOMER: OTHERWISE SIZE TO BE NOMINAL PIPE SIZE IN INCHES. E.G. 50NB = 2" (50.8mm); 150NB = 6" (152.5mm)



FLANGE SPECIFICATION: ASME 900

Nominal Pipe Size	Outside Diameter	Thickness	Raised Face Diameter	Hub Diameter	Slip On Bore	Hub Diameter Long Weld	Neck Diameter Weld Neck	Length Through Hup				Drilling Data			Stud Bolt Length
								Weld Neck	Lap Joint	Screwed Slip On Socket Weld	Long Weld Neck	Bolt Circle Diameter	Number Of Holes	Hole Diameter	
mm	o	Q	R	X	SB	Neck HH	H	YY	YV	YS	LL	P	N	HD	
15	120.7	22.3	35	38.2	22.3	38.2	21.4	60.4	31.8	31.8	228.7	82.5	4	22.2	110
20	130.2	25.5	42.9	44.5	27.6	44.5	26.7	69.9	35.1	35	228.7	88.9	4	22.2	115
25	149.3	28.6	50.9	52.4	34.5	52.4	33.6	73.1	41.3	41.3	228.7	101.6	4	25.4	130
32	158.8	28.6	63.6	63.6	43.1	63.6	42.2	73.1	41.3	41.3	228.7	111.1	4	25.4	130
40	177.9	31.8	73.1	69.9	49.5	69.9	48.3	82.6	44.5	44.5	228.7	123.8	4	28.5	140
50	216	38.2	92.1	104.8	61.9	104.8	60.5	101.7	57.2	57.2	228.7	165.1	8	25.4	145
65	244.5	41.3	104.8	123.9	74.6	123.9	73.2	104.8	63.6	63.6	228.7	190.5	8	28.5	160
80	241.4	38.2	127.1	127.1	90.6	127.1	89	101.7	54	54	228.7	190.5	8	25.4	145
100	292.2	44.5	157.2	158.8	116	158.8	114.4	114.4	69.9	69.9	228.7	234.9	8	31.7	170
125	349.3	50.9	185.8	190.6	143.7	190.6	141.3	127.1	79.4	79.4	304.9	279.4	8	34.9	190
150	381.1	55.6	216	235	170.6	235	168.5	139.8	85.9	85.8	304.9	317.5	12	31.7	190
200	470	63.6	269.9	298.5	221.4	298.5	219.3	162	114.4	101.7	304.9	393.7	12	38.1	225
250	546.2	69.9	323.9	368.4	276.3	368.4	273.1	184.2	127.1	108	304.9	469.9	16	38.1	235
300	609.7	79.4	381.1	419.2	327.1	419.2	323.9	200.1	142.9	117.5	304.9	533.4	20	38.1	255
350	641.4	85.8	412.8	450.9	359.1	450.9	355.7	212.8	155.6	130.2	304.9	558.8	20	41.2	275
400	704.9	89	470	508.1	410.4	508.1	406.5	216	165.2	133.4	304.9	615.9	20	44.4	285
450	787.5	101.7	533.5	565.2	461.7	565.2	457.3	228.7	190.6	152.5	304.9	685.8	20	50.8	325
500	857.3	108	584.3	622.4	513	622.4	508.1	247.7	209.6	158.8	304.9	749.3	20	53.9	350
600	1041.5	139.8	692.2	749.4	615.9	749.4	609.7	292.2	266.8	203.3	304.9	901.7	20	66.6	440

WELD NECK BORE J: REFER TO 'ASME PIPE SCHEDULE' FOR SIZE (Page 2) LONG WELD NECK BORE LB: SIZE TO BE SPECIFIED BY CUSTOMER: OTHERWISE SIZE TO BE NOMINAL PIPE SIZE IN INCHES. E.G. 50NB = 2" (50.8mm); 150NB = 6" (152.5mm)