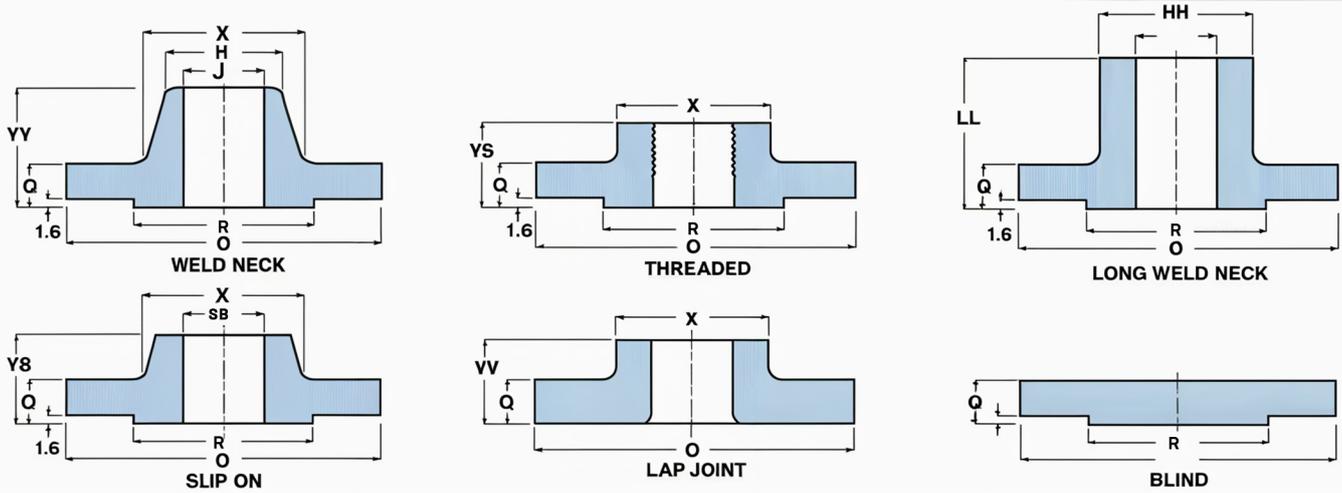




FLANGE SPECIFICATION: ASME B16.5



FLANGE SPECIFICATION: ASME 150

Nominal Pipe Size	Outside Diameter	Thickness	Raised Face Diameter	Hub Diameter	Slip On Bore	Hub Diameter Long Weld Neck	Neck Diameter Weld Neck	Weld Neck	Length	Through Hub	Bolt Circle Diameter	Drilling Data	Stud Bolt Length		
									Lap Joint	Screwed Slip On Socket Weld				Long Weld Neck	Number Of Holes
mm	o	Q	R	X	SB	HH	H	YY	YV	YS	LL	P	N	HD	
15	89	11.1	35	30.2	22.3	30.2	21.4	47.7	15.9	15.9	228.7	60.3	4	15.8	60
20	98.5	12.8	42.9	38.2	27.6	38.2	26.7	52.4	15.9	15.9	228.7	69.8	4	15.8	65
25	108	14.3	50.9	49.2	34.5	49.2	33.6	55.6	17.6	17.5	228.7	79.3	4	15.8	65
32	117.5	15.9	63.6	58.8	43.1	58.8	42.2	57.2	20.7	20.7	228.7	88.9	4	15.8	70
40	127.1	17.5	73.1	65.1	49.5	65.1	48.3	61.9	22.4	22.3	228.7	98.4	4	15.8	70
50	152.5	19.1	92	77.8	61.9	77.8	60.5	63.6	25.5	25.5	228.7	120.6	4	19	85
65	177.9	22.3	104.8	90.5	74.6	90.5	73.2	69.9	28.6	28.6	228.7	139.7	4	19	90
80	190.6	23.8	127.1	108	90.6	108	89	69.9	30.3	30.2	228.7	152.4	4	19	90
100	228.7	23.8	157.2	135	116	135	114.4	76.3	33.4	33.4	228.7	190.5	8	19	90
125	254.1	23.8	185.8	163.5	143.7	163.5	141.3	89	36.6	36.5	304.9	215.9	8	22.2	95
150	279.5	25.5	216	192.1	170.6	192.1	168.5	89	39.7	39.7	304.9	241.3	8	22.2	100
200	343	28.6	269.9	246.1	221.4	246.1	219.3	101.7	44.5	44.5	304.9	298.4	8	22.2	110
250	406.5	30.2	323.9	304.9	276.3	304.9	273.1	101.7	49.3	49.2	304.9	361.9	12	25.4	115
300	482.7	31.8	381.1	365.2	327.1	365.2	323.9	114.4	55.7	55.6	304.9	431.8	12	25.4	120
350	533.5	35	412.8	400.1	359.1	400.1	355.7	127.1	79.4	57.2	304.9	476.2	12	28.5	135
400	597	36.5	470	457.3	410.4	457.3	406.5	127.1	87.4	63.6	304.9	539.7	16	28.5	135
450	635.1	39.7	533.5	504.9	461.7	504.9	457.3	139.8	96.9	68.3	304.9	577.8	16	31.7	145
500	698.6	42.9	584.3	558.9	513	558.9	508.1	144.5	103.2	73.1	304.9	635	20	31.7	160
600	812.9	47.7	692.2	663.6	615.9	663.6	609.7	152.5	111.3	82.6	304.9	749.3	20	34.9	170

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 230

Nominal Pipe Size	Outside Diameter	Thickness	Raised Face Diameter	Hub Diameter	Slip On Bore	Hub Diameter Long Weld Neck	Neck Diameter Weld Neck	Weld Neck	Length Lap Joint	Through Hub Screwed Slip On Socket Weld	Long Weld Neck	Bolt Circle Diameter	Drilling Data Number Of Holes	Hole Diameter	Stud Bolt Length
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	65
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	75
25	123.9	17.5	50.9	54	34.5	54	33.6	61.9	27	27	228.7	88.9	4	19	75
32	133.4	19.1	63.6	63.6	43.1	63.6	42.2	65.1	27	27	228.7	98.4	4	19	85
40	155.6	20.7	73.1	69.9	49.5	69.9	48.3	68.3	30.3	30.2	228.7	114.3	4	22.2	90
50	165.2	22.3	92.1	84.2	61.9	84.2	60.5	69.9	33.4	33.4	228.7	127	8	19	90
65	190.6	25.5	104.8	100	74.6	100	73.2	76.3	38.2	38.2	228.7	149.2	8	22.2	100
80	209.6	28.6	127.1	117.5	90.6	117.5	89	79.4	43	42.9	228.7	168.2	8	22.2	110
100	254.1	31.8	157.2	146.1	116	146.1	114.4	85.8	47.8	47.7	228.7	200	8	22.2	115
125	279.5	35	185.8	177.9	143.7	177.9	141.3	98.5	50.9	50.9	304.9	234.9	8	22.2	120
150	317.6	36.5	216	206.4	170.6	206.4	168.5	98.5	52.4	52.4	304.9	269.8	12	22.2	120
200	381.1	41.3	269.9	260.4	221.4	260.4	219.3	111.2	62	61.9	304.9	330.2	12	25.4	140
250	444.6	47.7	323.9	320.7	276.3	320.7	273.1	117.5	95.3	66.7	304.9	387.3	16	28.5	160
300	520.8	50.9	381.1	374.7	327.1	374.7	323.9	130.2	101.7	73.1	304.9	450.8	16	31.7	170
350	584.3	54	412.8	425.5	359.1	425.5	355.7	142.9	111.3	76.3	304.9	514.3	20	31.7	180
400	647.8	57.2	470	482.7	410.4	482.7	406.5	146.1	120.7	82.6	304.9	571.5	20	34.9	190
450	711.3	60.4	533.5	533.5	461.7	533.5	457.3	158.8	130.2	89	304.9	628.6	24	34.9	200
500	774.8	63.6	584.3	587.4	513	587.4	508.1	162	139.8	95.3	304.9	685.8	24	34.9	205
600	914.5	69.9	692.2	701.7	615.9	701.7	609.7	168.3	152.5	106.4	304.9	812.8	24	41.2	230

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)