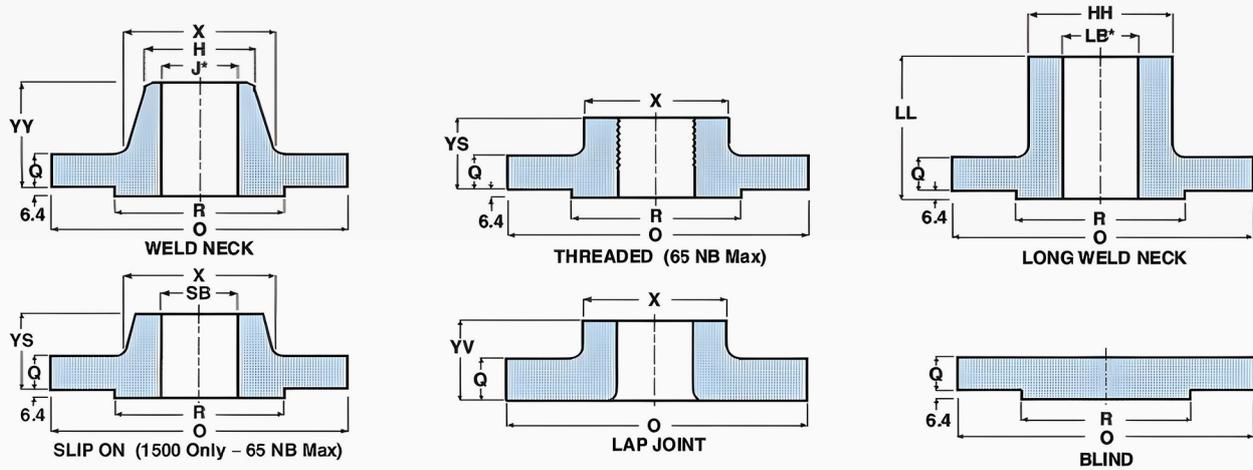




# FLANGE SPECIFICATION: ASME B16.5



# FLANGE SPECIFICATION: ASME 1500

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			
								Weld Neck	Lap Joint	Screwed Slip On Socket Weld	Long Weld Neck	Bolt Circle Diameter	Number Of Holes	Hole Diameter	Stud Bolt Length
mm	Q	R	X	SB		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	266.8	47.7	127.1	133.4		133.4	89	117.5	73.2	73.1	228.7	203.2	8	31.7	180
100	311.2	54	157.2	162		162	114.4	123.9	90.5	90.5	228.7	241.3	8	34.9	200
125	374.7	73.1	185.8	196.9		196.9	141.3	155.6	104.8	104.8	304.9	292.1	8	41.2	250
150	393.8	82.6	216	228.7		228.7	168.5	171.5	119.2	119.1	304.9	317.5	12	38.1	260
200	482.7	92.1	269.9	292.2		292.2	219.3	212.8	142.9	142.9	304.9	393.7	12	44.4	295
250	584.3	108	323.9	368.4		368.4	273.1	254.1	177.9	158.8	304.9	482.6	12	50.8	340
300	673.2	123.9	381.1	450.9		450.9	323.9	282.6	219.1	181	304.9	571.5	16	53.9	375
350	749.4	133.4	412.8	495.4		495.4	355.7	298.5	241.4		304.9	635	16	60.3	405
400	825.6	146.1	470	552.5		552.5	406.5	311.2	260.4		304.9	704.8	16	66.6	445
450	914.5	162	533.5	597		597	457.3	327.1	276.4		304.9	774.7	16	73	495
500	984.3	177.9	584.3	641.4		641.4	508.1	355.7	292.2		304.9	831.8	16	79.3	540
600	1168.5	203.3	692.2	762.1		762.1	609.7	406.5	330.3		304.9	990.6	16	92	615

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 2500

Nominal Pipe Size	Outside Diameter	Thickness	Raised Face Diameter	Hub Diameter	Hub Diameter Long Neck	Neck Diameter Weld Neck	Length Through Hup				Drilling Data			Stud Bolt Length
							Weld Neck	Lap Joint Diameter	Screwed	Long Weld Neck	Bolt Circle Diameter	Number Of Holes	Hole Diameter	
mm	0	Q	R	X	HH	H	YY	YV	YS	LL	P	N	HD	
15	133.4	30.2	35	42.9	42.9	21.4	73.1	39.7	39.7	228.7	88.9	4	22.2	120
20	139.8	31.8	42.9	50.9	50.9	26.7	79.4	43	42.9	228.7	95.2	4	22.2	130
25	158.8	35	50.9	57.2	57.2	33.6	89	47.8	47.7	228.7	107.9	4	25.4	140
32	184.2	38.2	63.6	73.1	73.1	42.2	95.3	52.4	52.4	228.7	130.1	4	28.5	155
40	203.3	44.5	73.1	79.4	79.4	48.3	111.2	60.5	60.4	228.7	146	4	31.7	175
50	235	50.9	92.1	95.3	95.3	60.5	127.1	69.9	69.9	228.7	171.4	8	28.5	180
65	266.8	57.2	104.8	114.4	114.4	73.2	142.9	79.4	79.4	228.7	196.8	8	31.7	200
80	304.9	66.7	127.1	133.4	133.4	89	168.3	92.1		228.7	228.6	8	34.9	225
100	355.7	76.3	157.2	165.2	165.2	114.4	190.6	108		228.7	273	8	41.2	255
125	419.2	92.1	185.8	203.3	203.3	141.3	228.7	130.2		304.9	323.8	8	47.6	300
150	482.7	108	216	235	235	168.5	273.1	152.5		304.9	368.3	8	53.9	345
200	552.5	127.1	269.9	304.9	304.9	219.3	317.6	177.9		304.9	438.1	12	53.9	380
250	673.2	165.2	323.9	374.7	374.7	273.1	419.2	228.7		304.9	539.7	12	66.6	490
300	762.1	184.2	381.1	441.4	441.4	323.9	463.6	254.1		304.9	619.1	12	73	540

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)