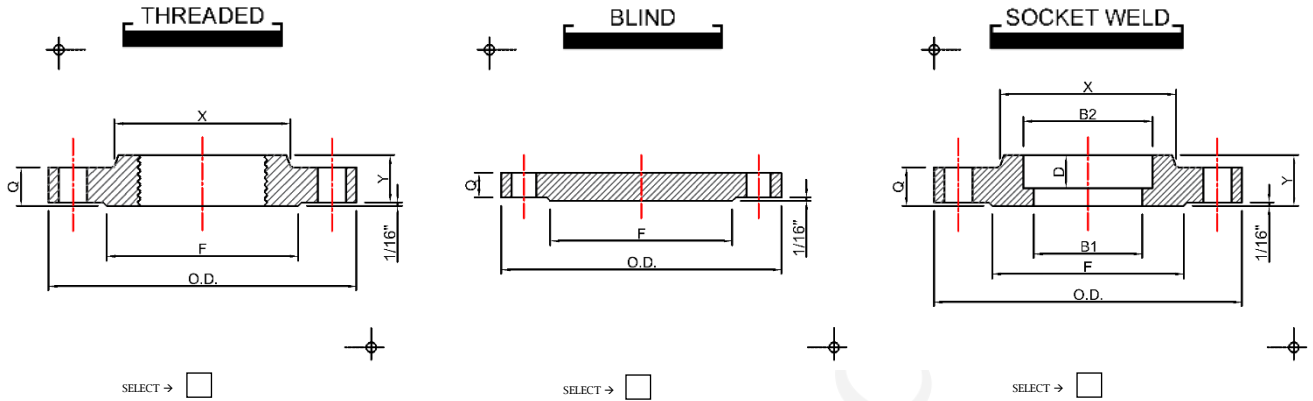


Project Name: _____
 Job #: _____

FLANGES
 A182 - 150#
 (Thrd, Blind, &
 Soc)

CLASS 150# B16.5 FLANGES, A182

THREADED ♣ BLIND ♠ SOCKET WELD



Grade: ☐ T304L ☐ T316L
 Source: ☐ Import ☐ Domestic ☐ BAA ☐ AIS ☐ _____
 Face: ☐ Raised Face ☐ Flat Faced
 Weldnecks & Socketwelds Only: Providing Schedule _____

DIMENSIONS

UOM: Inches/LBS

SELECT	NOM. PIPE SIZE	MIN. THREAD LENGTH	RADIUS (R) LAP JOINT	DRILLING			BOLTING			
				DIAMETER OF BOLT CIRCLE	NO. OF HOLES	DIA. OF HOLES	DIA. OF BOLTS	MACHINE BOLT LENGTH	STUB BOT LENGTH	
									Raised Face 0.06"	Ring Joint
☐	1/2	0.62	0.12	2.38	4	0.62	1/2	2.00	2.50	----
☐	3/4	0.62	0.12	2.75	4	0.62	1/2	2.25	2.50	----
☐	1	0.69	0.12	3.12	4	0.62	1/2	2.25	2.75	3.25
☐	1 1/4	0.81	0.19	3.50	4	0.62	1/2	2.50	2.75	3.25
☐	1 1/2	0.88	0.25	3.88	4	0.62	1/2	2.50	3.00	3.50
☐	2	1.00	0.31	4.75	4	0.75	5/8	2.75	3.25	3.75
☐	2 1/2	1.12	0.31	5.50	4	0.75	5/8	3.00	3.50	4.00
☐	3	1.19	0.38	6.00	4	0.75	5/8	3.25	3.75	4.25
☐	3 1/2	1.25	0.38	7.00	8	0.75	5/8	3.25	3.75	4.25
☐	4	1.31	0.44	7.50	8	0.75	5/8	3.25	3.75	4.25
☐	5	1.44	0.50	8.50	8	0.88	3/4	3.25	4.00	4.50
☐	6	1.56	0.50	9.50	8	0.88	3/4	3.50	4.00	4.50
☐	8	1.75	0.50	11.75	8	0.88	3/4	3.75	4.25	4.75
☐	10	1.94	0.50	14.25	12	1.00	7/8	4.00	4.75	5.25
☐	12	2.19	0.50	17.00	12	1.00	7/8	4.25	4.75	5.25
☐	14	2.25	0.50	18.75	12	1.12	1	4.50	5.25	5.75
☐	16	2.50	0.50	21.25	16	1.12	1	4.75	5.50	6.00
☐	18	2.69	0.50	22.75	16	1.25	1 1/8	5.00	6.00	6.50
☐	20	2.88	0.50	25.00	20	1.25	1 1/8	5.50	6.25	6.75
☐	24	3.25	0.50	29.50	20	1.38	1 1/4	6.00	7.00	7.50

NOM. PIPE SIZE	APPROXIMATE WEIGHT EACH- POUNDS ±			
	WELDING NECK	SLIP-ON SOCKET WELD AND THREADED	LAP JOINT	BLIND
1/2	1.25	1.00	1.00	1.25
3/4	2.00	1.50	1.50	1.50
1	2.50	2.00	2.00	2.00
1 1/4	3.00	3.00	3.00	3.00
1 1/2	4.50	3.00	3.50	4.00
2	6.00	5.25	5.00	6.50
2 1/2	10.00	8.00	7.00	9.50
3	12.00	9.00	9.25	12.50
3 1/2	12.00	11.00	11.00	13.00
4	16.50	12.50	12.50	17.00
5	19.00	15.00	15.00	20.00
6	25.00	19.00	19.00	26.50
8	39.00	30.00	30.00	45.00
10	52.00	43.00	43.00	70.00
12	80.00	64.00	64.00	110.00
14	110.00	90.00	105.00	140.00
16	140.00	98.00	140.00	180.00
18	150.00	130.00	160.00	220.00
20	180.00	165.00	195.00	285.00
24	260.00	220.00	275.00	430.00

Forged Stainless Steel Material conforms to ASME A182
 Forged Stainless Steel Flange Dimensions conform to ASME B16.5
 NPT Threads conform to ASME B1.20.1
 Plate Stainless Steel Flange Dimensions conform to ASME B16.5 Class 150
 Plate Stainless Steel Flanges made from ASTM A240 Plate or
 cast in conformance with ASTM A351