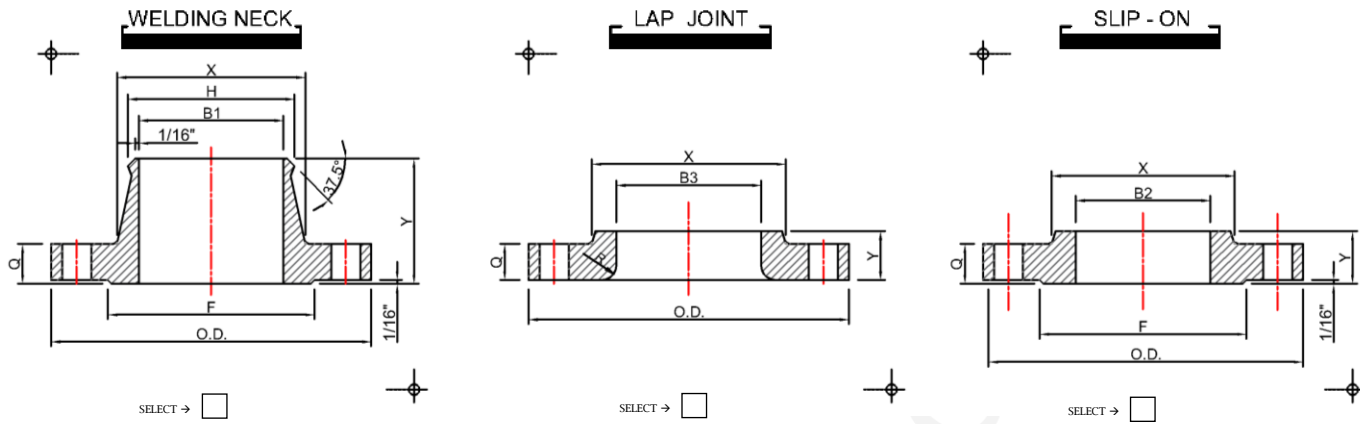


Project Name: _____
Job #: _____

CLASS 600# B16.5 FLANGES, A182

WELDING NECK ♥ LAP JOINT ♦ SLIP-ON



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

DIMENSIONS

UOM: Inches/LBS

NOM. PIPE SIZE	FLANGE DIAMETER (O.D.)	FLANGE THICKNESS (Q) MIN. (1)	HUB DIA. AT BASE (X)	RAISED FACE DIA. (F)	HUB DIA. AT WELDING POINT (H)	BORE DIAMETER (B)			COUNTER BORE OF THREADED FLANGE (C)	DEPTH OF SOCKET (D)	LENGTH THROUGH HUB (Y)		
						(B1) WELDING NECK AND SOCKET WELD (2)	(B2) SLIP-ON AND SOCKET WELD MIN.	(B3) LAP JOINT MIN			WELDING NECK	SLIP-ON SOCKET WELD AND THREADED	LAP JOINT
☐ 1/2	3.75	0.56	1.50	1.38	0.84	TO BE SPECIFIED BY PURCHASER	0.88	0.90	0.93	0.38	2.06	0.88	0.88
☐ 3/4	4.62	0.62	1.88	1.69	1.05		1.09	1.11	1.14	0.44	2.25	1.00	1.00
☐ 1	4.88	0.69	2.12	2.00	1.32		1.36	1.38	1.41	0.50	2.44	1.06	1.06
☐ 1 1/4	5.25	0.81	2.50	2.50	1.66		1.70	1.72	1.75	0.56	2.62	1.12	1.12
☐ 1 1/2	6.12	0.88	2.75	2.88	1.90		1.95	1.97	1.99	0.62	2.75	1.25	1.25
☐ 2	6.50	1.00	3.31	3.62	2.38		2.44	2.46	2.50	0.69	2.88	1.44	1.44
☐ 2 1/2	7.50	1.12	3.94	4.12	2.88		2.94	2.97	3.00	0.75	3.12	1.62	1.62
☐ 3	8.25	1.25	4.62	5.00	3.50		3.57	3.60	3.63	0.81	3.25	1.81	1.81
☐ 3 1/2	9.00	1.38	5.25	5.50	4.00		4.07	4.10	4.13	-----	3.38	1.94	1.94
☐ 4	10.75	1.50	6.00	6.19	4.50		4.57	4.60	4.63	-----	4.00	2.12	2.12
☐ 5	13.00	1.75	7.44	7.31	5.56		5.66	5.69	5.69	-----	4.50	2.38	2.38
☐ 6	14.00	1.88	8.75	8.50	6.63		6.72	6.75	6.75	-----	4.62	2.62	2.62
☐ 8	16.50	2.19	10.75	10.62	8.63		8.72	8.75	8.75	-----	5.25	3.00	3.00
☐ 10	20.00	2.50	13.50	12.75	10.75		10.88	10.92	10.88	-----	6.00	3.38	4.38
☐ 12	22.00	2.62	15.75	15.00	12.75		12.88	12.92	12.94	-----	6.12	3.62	4.62
☐ 14	23.75	2.75	17.00	16.25	14.00		14.14	14.18	14.19	-----	6.50	3.69	5.00
☐ 16	27.00	3.00	19.50	18.50	16.00		16.16	16.19	16.19	-----	7.00	4.19	5.50
☐ 18	29.25	3.25	21.50	21.00	18.00		18.18	18.20	18.19	-----	7.25	4.62	6.00
☐ 20	32.00	3.50	24.00	23.00	20.00		20.20	20.25	20.19	-----	7.50	5.00	6.50
☐ 24	37.00	4.00	28.25	27.25	24.00		24.25	24.25	24.19	-----	8.00	5.50	7.25

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