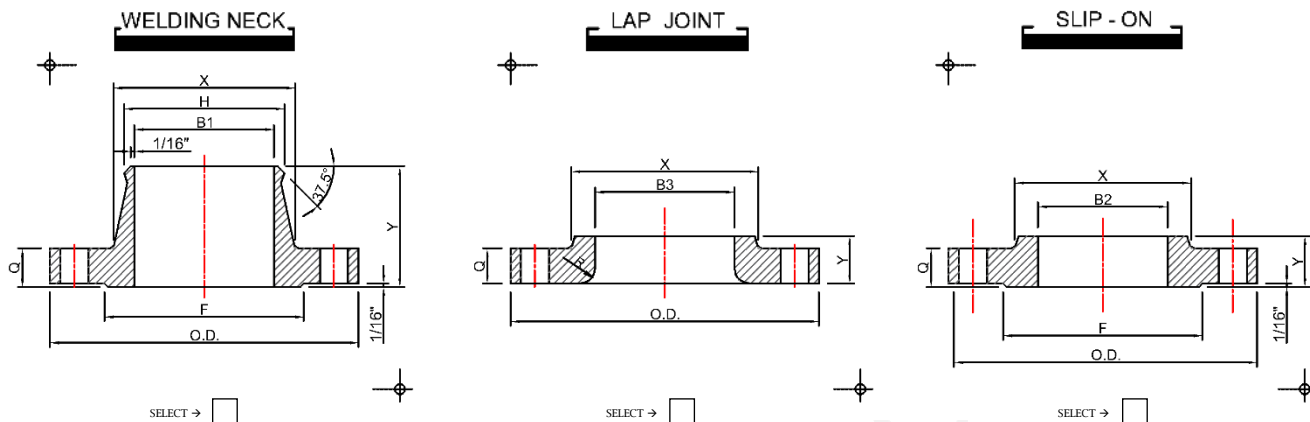


Project Name: _____
Job #: _____

CLASS 150# 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

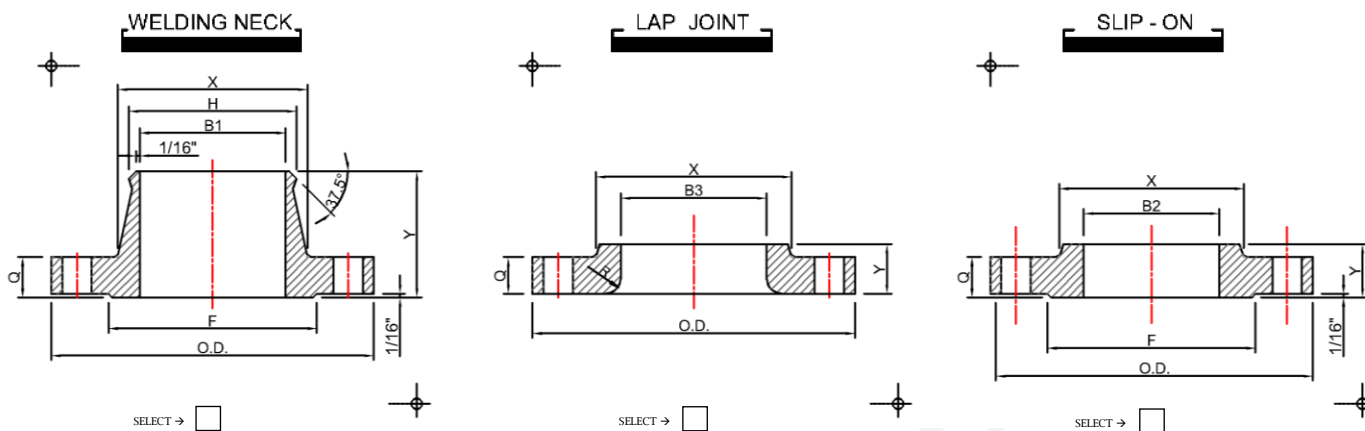
SELECT	NOM. PIPE SIZE	FLANGE DIAMETER (O.D.)	FLANGE THICKNESS (Q) MIN. (1)	HUB DIA. AT BASE (X)	RAISED FACE DIA. (F)	HUB DIA. AT WELDING POINT (H)	BORE DIAMETER (B)			COUNTER BORE OF THREADED FLANGE (C)	DEPTH OF SOCKET (D)	LENGTH THROUGH HUB (Y)		
							(B1) WELDING NECK AND SOCKET WELD (2)	(B2) SLIP-ON AND SOCKET WELD MIN.	(B3) LAP JOINT MIN			WELDING NECK	SLIP-ON SOCKET WELD AND THREADED	LAP JOINT
☐	1/2	3.50	0.44	1.19	1.38	0.84	0.62	0.88	0.90	NO COUNTER BORE REQUIRE ON 150# THREADED FLANGES	0.38	1.88	0.62	0.62
☐	3/4	3.88	0.50	1.50	1.69	1.05	0.82	1.09	1.11		0.44	2.06	0.62	0.62
☐	1	4.25	0.56	1.94	2.00	1.32	1.05	1.36	1.38		0.50	2.19	0.69	0.69
☐	1 1/4	4.62	0.62	2.31	2.50	1.66	1.38	1.70	1.72		0.56	2.25	0.81	0.81
☐	1 1/2	5.00	0.69	2.56	2.88	1.90	1.61	1.95	1.97		0.62	2.44	0.88	0.88
☐	2	6.00	0.75	3.06	3.62	2.38	2.07	2.44	2.46		0.69	2.50	1.00	1.00
☐	2 1/2	7.00	0.88	3.56	4.12	2.88	2.47	2.94	2.97		0.75	2.75	1.12	1.12
☐	3	7.50	0.94	4.25	5.00	3.50	3.07	3.57	3.60		0.81	2.75	1.19	1.19
☐	3 1/2	8.50	0.94	4.81	5.50	4.00	3.55	4.07	4.10		0.88	2.81	1.25	1.25
☐	4	9.00	0.94	5.31	6.19	4.50	4.03	4.57	4.60		0.94	3.00	1.31	1.31
☐	5	10.00	0.94	6.44	7.31	5.56	5.05	5.66	5.69		0.94	3.50	1.44	1.44
☐	6	11.00	1.00	7.56	8.50	6.63	6.07	6.72	6.75		1.06	3.50	1.56	1.56
☐	8	13.50	1.12	9.69	10.62	8.63	7.98	8.72	8.75		1.25	4.00	1.75	1.75
☐	10	16.00	1.19	12.00	12.75	10.75	10.02	10.88	10.92		1.31	4.00	1.94	1.94
☐	12	19.00	1.25	14.38	14.00	12.75	12.00	12.88	12.92		1.56	4.50	2.19	2.19
☐	14	21.00	1.38	15.75	16.00	14.00	13.25	14.14	14.18		1.63	5.00	2.25	3.12
☐	16	23.50	1.14	18.00	18.00	16.00	15.25	16.16	16.19		1.75	5.00	2.50	3.44
☐	18	25.00	1.56	19.88	20.00	18.00	17.25	18.18	18.20		1.94	5.50	2.69	3.81
☐	20	27.50	1.69	22.00	23.00	20.00	19.25	20.20	20.25		2.12	5.69	2.88	4.06
☐	24	32.00	1.88	26.12	27.25	24.00	23.25	24.25	24.25		2.50	6.00	3.25	4.38

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

Project Name: _____
Job #: _____

CLASS 300# 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

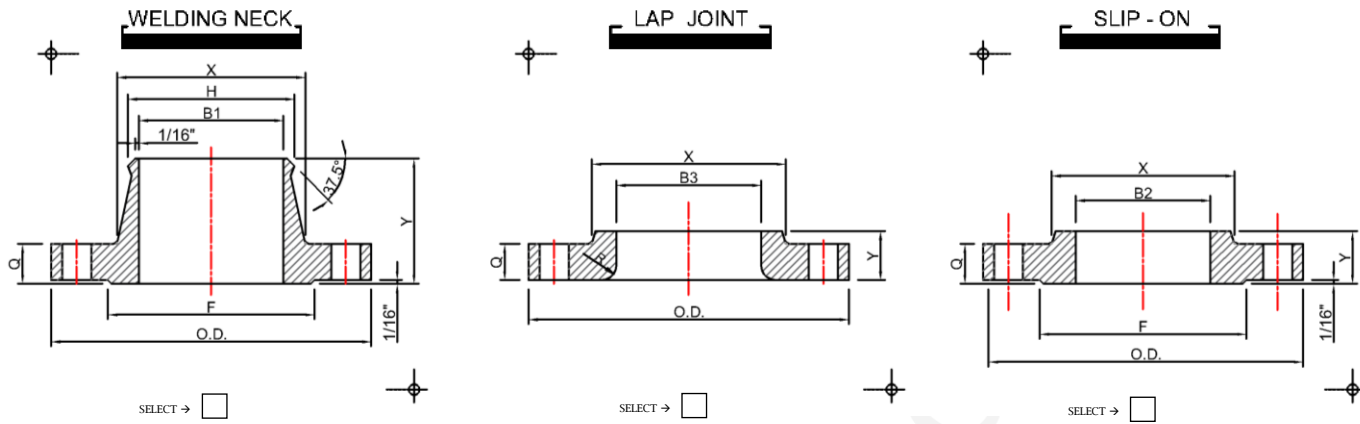
SELECT	NOM. PIPE SIZE	FLANGE DIAMETER (O.D.)	FLANGE THICKNESS (Q) MIN. (1)	HUB DIA. AT BASE (X)	RAISED FACE DIA. (F)	HUB DIA. AT WELDING POINT (H)	BORE DIAMETER (B)			COUNTER BORE OF THREADED FLANGE (C)	DEPTH OF SOCKET (D)	LENGTH THROUGH HUB (Y)		
							(B1) WELDING NECK AND SOCKET WELD (2)	(B2) SLIP-ON 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	0.62	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	0.82	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	1.05	1.36	1.38	1.41	0.50	2.44	1.06	1.06
☐	1 1/4	5.25	0.75	2.50	2.50	1.66	1.38	1.70	1.72	1.75	0.56	2.56	1.06	1.06
☐	1 1/2	6.12	0.81	2.75	2.88	1.90	1.61	1.95	1.97	1.99	0.62	2.69	1.19	1.19
☐	2	6.50	0.88	3.31	3.62	2.38	2.07	2.44	2.46	2.50	0.69	2.75	1.31	1.31
☐	2 1/2	7.50	1.00	3.94	4.12	2.88	2.47	2.94	2.97	3.00	0.75	3.00	1.50	1.50
☐	3	8.25	1.12	4.62	5.00	3.50	3.07	3.57	3.60	3.63	0.81	3.12	1.69	1.69
☐	3 1/2	9.00	1.19	5.25	5.50	4.00	3.55	4.07	4.10	4.13	-----	3.19	1.75	1.75
☐	4	10.00	1.25	5.75	6.19	4.50	4.03	4.57	4.60	4.63	-----	3.38	1.88	1.88
☐	5	11.00	1.38	7.00	7.31	5.56	5.05	5.66	5.69	5.69	-----	3.88	2.00	2.00
☐	6	12.50	1.44	8.12	8.50	6.63	6.07	6.72	6.75	6.75	-----	3.88	2.06	2.06
☐	8	15.00	1.62	10.25	10.62	8.63	7.98	8.72	8.75	8.75	-----	4.38	2.44	2.44
☐	10	17.50	1.88	12.62	12.75	10.75	10.02	10.88	10.92	10.88	-----	4.62	2.62	3.75
☐	12	20.50	2.00	14.75	15.00	12.75	12.00	12.88	12.92	12.94	-----	5.12	2.88	4.00
☐	14	23.00	2.12	16.75	16.25	14.00	13.25	14.14	14.18	14.19	-----	5.62	3.00	4.38
☐	16	25.50	2.25	19.00	18.50	16.00	15.25	16.16	16.19	16.19	-----	5.75	3.25	4.75
☐	18	28.00	2.38	21.00	21.00	18.00	17.25	18.18	18.20	18.19	-----	6.25	3.50	5.12
☐	20	30.50	2.50	23.12	23.00	20.00	19.25	20.20	20.25	20.19	-----	6.38	3.75	5.50
☐	24	36.00	2.75	27.62	27.50	24.00	23.25	24.25	24.25	24.19	-----	6.62	4.19	6.00

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

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

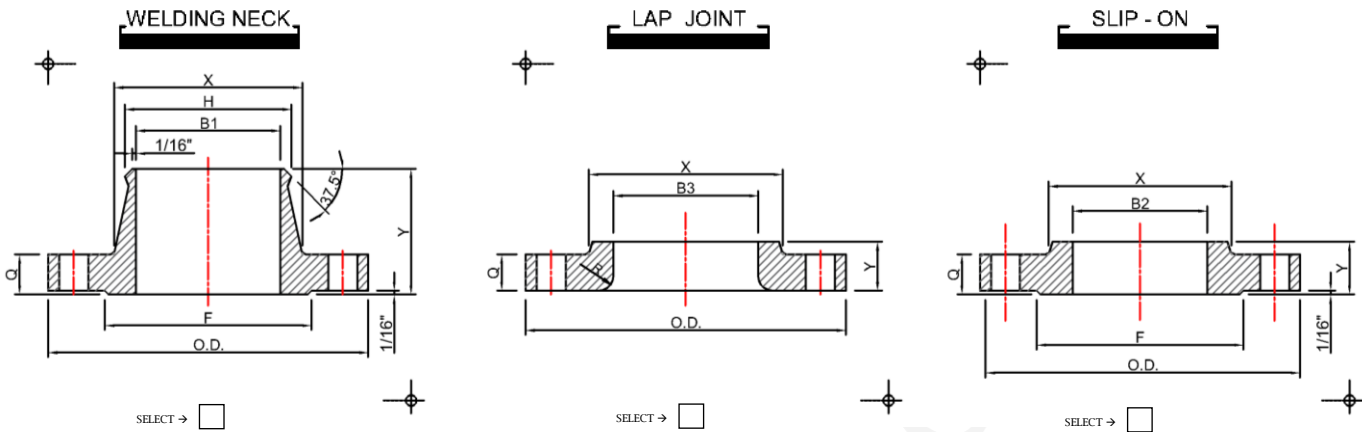
UOM: Inches/LBS

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

Project Name: _____
Job #: _____

CLASS 900# 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

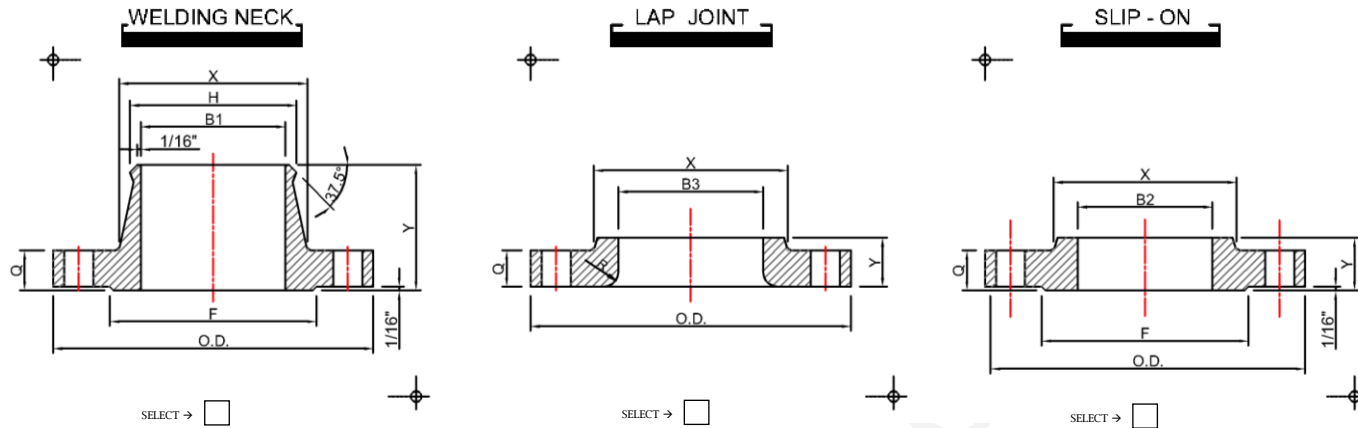
SELECT	NOM. PIPE SIZE	FLANGE DIAMETER (O.D.)	FLANGE THICKNESS (Q) MIN. (I)	HUB DIA. AT BASE (X)	RAISED FACE DIA. (F)	HUB DIA. AT WELDING POINT (H)	BORE DIAMETER (B)			COUNTER BORE OF THREADED FLANGE (C)	LENGTH THROUGH HUB (Y)		
							(B1) WELDING NECK (2)	(B2) SLIP-ON MIN.	(B3) LAP JOINT MIN		WELDING NECK	SLIP-ON SOCKET WELD AND THREADED	LAP JOINT
☐	1/2	4.75	0.88	1.50	1.38	0.84	TO BE SPECIFIED BY PURCHASER	0.88	0.90	0.93	2.38	1.25	1.25
☐	3/4	5.12	1.00	1.75	1.69	1.05		1.09	1.11	1.14	2.75	1.38	1.38
☐	1	5.88	1.12	2.06	2.00	1.32		1.36	1.38	1.41	2.88	1.62	1.62
☐	1 1/4	6.25	1.12	2.50	2.50	1.66		1.70	1.72	1.75	2.88	1.62	1.62
☐	1 1/2	7.00	1.25	2.75	2.88	1.90		1.95	1.97	1.99	3.25	1.75	1.75
☐	2	8.50	1.50	4.12	3.62	2.38		2.44	2.46	2.50	4.00	2.25	2.25
☐	2 1/2	9.62	1.62	4.88	4.12	2.88		2.94	2.97	3.00	4.12	2.50	2.50
☐	3	9.50	1.50	5.00	5.00	3.50		3.57	3.60	3.63	4.00	2.12	2.12
☐	4	11.50	1.75	6.25	6.19	4.50		4.57	4.60	4.63	4.50	2.75	2.75
☐	5	13.75	2.00	7.50	7.31	5.56		5.66	5.69	5.69	5.00	3.12	3.12
☐	6	15.00	2.19	9.25	8.50	6.63		6.72	6.75	6.75	5.50	3.38	3.38
☐	8	18.50	2.50	11.75	10.62	8.63		8.72	8.75	8.75	6.38	4.00	4.50
☐	10	21.50	2.75	14.50	12.75	10.75		10.88	10.92	10.88	7.25	4.25	5.00
☐	12	24.00	3.12	16.50	15.00	12.75		12.88	12.92	12.94	7.88	4.62	5.62
☐	14	25.25	3.38	17.75	16.25	14.00		14.14	14.18	14.19	8.38	5.12	6.12
☐	16	27.75	3.50	20.00	18.50	16.00		16.16	16.19	16.19	8.50	5.25	6.50
☐	18	31.00	4.00	22.25	21.00	18.00		18.18	18.20	18.19	9.00	6.00	7.50
☐	20	33.75	4.25	24.50	23.00	20.00		20.20	20.25	20.19	9.75	6.25	8.25
☐	24	41.00	5.50	29.50	27.25	24.00		24.25	24.25	24.19	11.50	8.00	10.50

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

Project Name: _____
Job #: _____

CLASS 1500# 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

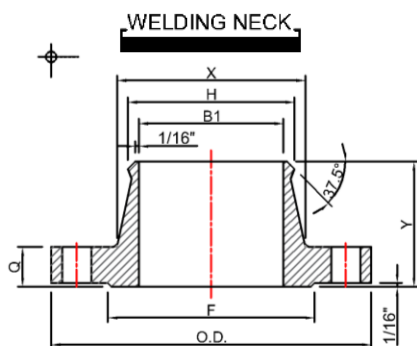
SELECT	NOM. PIPE SIZE	FLANGE DIAMETER (O.D.)	FLANGE THICKNESS (Q) MIN. (1)	HUB DIA. AT BASE (X)	RAISED FACE DIA. (F)	HUB DIA. AT WELDING POINT (H)	BORE DIAMETER (B)			COUNTER BORE OF THREADED FLANGE (C)	DEPTH OF SOCKET (D)	LENGTH THROUGH HUB (Y)		
							(B1) WELDING NECK AND SOCKET WELD (2)	(B2) SLIP-ON AND SOCKET WELD MIN.	(B3) LAP JOINT MIN			WELDING NECK	SLIP-ON SOCKET WELD AND THREADED	LAP JOINT
☐	1/2	4.75	0.88	1.50	1.38	0.84	TO BE SPECIFIED BY PURCHASER	0.88	0.90	0.93	0.38	2.38	1.25	1.25
☐	3/4	5.12	1.00	1.75	1.69	1.05		1.09	1.11	1.14	0.44	2.75	1.38	1.38
☐	1	5.88	1.12	2.06	2.00	1.32		1.36	1.38	1.41	0.50	2.88	1.62	1.62
☐	1 1/4	6.25	1.12	2.50	2.50	1.66		1.70	1.72	1.75	0.56	2.88	1.62	1.62
☐	1 1/2	7.00	1.25	2.75	2.88	1.90		1.95	1.97	1.99	0.62	3.25	1.75	1.75
☐	2	8.50	1.50	4.12	3.62	2.38		2.44	2.46	2.50	0.69	4.00	2.25	2.25
☐	2 1/2	9.62	1.62	4.88	4.12	2.88		2.94	2.97	3.00	0.75	4.12	2.50	2.50
☐	3	10.50	1.88	5.25	5.00	3.50		-----	3.60	3.63	-----	4.62	2.88	2.88
☐	4	12.25	2.12	6.38	6.19	4.50		-----	4.60	4.63	-----	4.88	3.56	3.56
☐	5	14.75	2.88	7.75	7.31	5.56		-----	5.69	5.69	-----	6.12	4.12	4.12
☐	6	15.50	3.25	9.00	8.50	6.63		-----	6.75	6.75	-----	6.75	4.69	4.69
☐	8	19.00	3.62	11.50	10.62	8.63		-----	8.75	8.75	-----	8.38	5.62	5.62
☐	10	23.00	4.25	14.50	12.75	10.75		-----	10.92	10.88	-----	10.00	6.25	7.00
☐	12	26.50	4.88	17.75	15.00	12.75		-----	12.92	12.94	-----	11.12	7.12	8.62
☐	14	29.50	5.25	19.50	16.25	14.00		-----	14.18	14.19	-----	11.75	-----	9.50
☐	16	32.50	5.75	21.75	18.50	16.00		-----	16.19	16.19	-----	12.25	-----	10.25
☐	18	36.00	6.38	23.50	21.00	18.00		-----	18.20	18.19	-----	12.88	-----	10.88
☐	20	38.75	7.00	25.25	23.00	20.00		-----	20.25	20.19	-----	14.00	-----	11.50
☐	24	46.00	8.00	30.00	27.25	24.00		-----	24.25	24.19	-----	16.00	-----	13.00

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

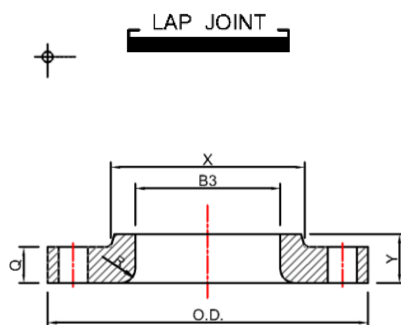
Project Name: _____
Job #: _____

CLASS 2500# B16.5 FLANGES, A182

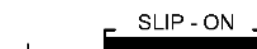
WELDING NECK ♥ LAP JOINT ♦ SLIP-ON



SELECT → ☐



SELECT → ☐



SELECT → ☐

**SLIP-ON IS NOT
PRODUCED IN CLASS
2500**

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	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)	LENGTH THROUGH HUB (Y)		
							(B1) WELDING NECK (2)	(B3) LAP JOINT MIN		WELDING NECK	SLIP-ON AND THREADED	LAP JOINT
☐	1/2	5.25	1.19	1.69	1.38	0.84	TO BE SPECIFIED BY PURCHASER	0.90	0.93	2.88	1.56	1.56
☐	3/4	5.50	1.25	2.00	1.69	1.05		1.11	1.14	3.12	1.69	1.69
☐	1	6.25	1.38	2.25	2.00	1.32		1.38	1.41	3.50	1.88	1.88
☐	1 1/4	7.25	1.50	2.88	2.50	1.66		1.72	1.75	3.75	2.06	2.06
☐	1 1/2	8.00	1.75	3.12	2.88	1.90		1.97	1.99	4.38	2.38	2.38
☐	2	9.25	2.00	3.75	3.62	2.38		2.46	2.50	5.00	2.75	2.75
☐	2 1/2	10.50	2.25	4.50	4.12	2.88		2.97	3.00	5.62	3.12	3.12
☐	3	12.00	2.62	5.25	5.00	3.50		3.60	3.63	6.62	3.62	3.62
☐	4	14.00	3.00	6.50	6.19	4.50		4.60	4.63	7.50	4.25	4.25
☐	5	16.50	3.62	8.00	7.31	5.56		5.69	5.69	9.00	5.12	5.12
☐	6	19.00	4.25	9.25	8.50	6.63		6.75	6.75	10.75	6.00	6.00
☐	8	21.75	5.00	12.00	10.62	8.63		8.75	8.75	12.50	7.00	7.00
☐	10	26.50	6.50	14.75	12.75	10.75		10.92	10.88	16.50	9.00	9.00
☐	12	30.00	7.25	17.38	15.00	12.75		12.92	12.94	18.25	10.00	10.00

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