

Stainless Flanges

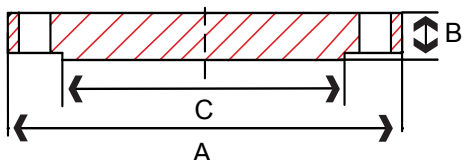


SMITH-COOPER[®]
INTERNATIONAL

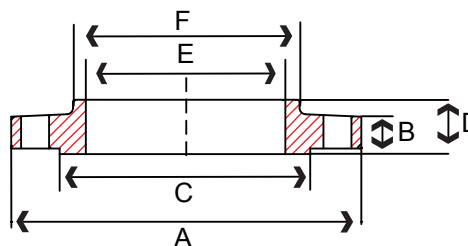
Flanges

Specifications

- 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
- Manufacturing facility is ISO 9001:2008
- Plate stainless steel flange dimensions conform to ASME B16.5 Class 150
- Plate stainless steel flange made from ASTM A240 plate or cast in conformance with ASTM A351



Blind Flange



Slip-On Flange

150# – Blind Raised Face Flange

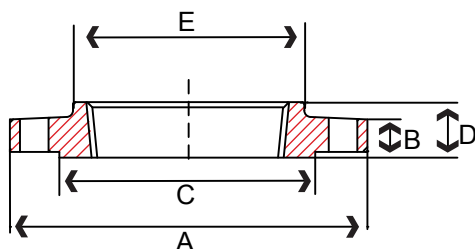
Size IN	Part Number		A IN	B IN	C IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L							
1/2	S1014BL004N	S1016BL004N	3.50	0.44	1.38	2.38	0.62	4	1
3/4	S1014BL006N	S1016BL006N	3.88	0.50	1.69	2.75	0.62	4	2
1	S1014BL010N	S1016BL010N	4.25	0.56	2.00	3.12	0.62	4	2
1-1/4	S1014BL012N	S1016BL012N	4.62	0.62	2.50	3.50	0.62	4	3
1-1/2	S1014BL014N	S1016BL014N	5.00	0.69	2.88	3.88	0.62	4	4
2	S1014BL020N	S1016BL020N	6.00	0.75	3.62	4.75	0.75	4	5
2-1/2	S1014BL024N	S1016BL024N	7.00	0.88	4.12	5.50	0.75	4	7
3	S1014BL030N	S1016BL030N	7.50	0.94	5.00	6.00	0.75	4	9
4	S1014BL040N	S1016BL040N	9.00	0.94	6.19	7.50	0.75	8	17
5	S1014BL050N	S1016BL050N	10.00	0.94	7.31	8.50	0.88	8	20
6	S1014BL060N	S1016BL060N	11.00	1.00	8.50	9.50	0.88	8	26
8	S1014BL080N	S1016BL080N	13.50	1.12	10.62	11.75	0.88	8	45
10	S1014BL100N	S1016BL100N	16.00	1.19	12.75	14.25	1.00	12	70
12	S1014BL120N	S1016BL120N	19.00	1.25	15.00	17.00	1.00	12	110

Raised Face 1/16"

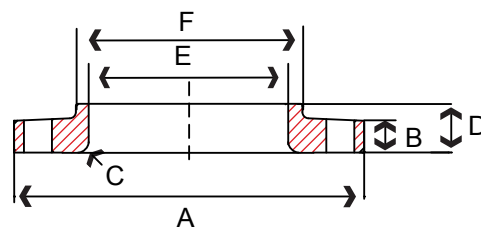
150# – Slip-On Raised Face Flange

Size IN	Part Number		A IN	B IN	C IN	D IN	E IN	F IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L										
1/2	S1014SO004N	S1016SO004N	3.50	0.44	1.38	0.88	0.62	1.19	2.38	0.62	4	1
3/4	S1014SO006N	S1016SO006N	3.88	0.50	1.69	1.09	0.62	1.50	2.75	0.62	4	2
1	S1014SO010N	S1016SO010N	4.25	0.56	2.00	1.36	0.69	1.94	3.12	0.62	4	2
1-1/4	S1014SO012N	S1016SO012N	4.62	0.62	2.50	1.70	0.81	2.31	3.50	0.62	4	3
1-1/2	S1014SO014N	S1016SO014N	5.00	0.69	2.88	1.95	0.88	2.56	3.88	0.62	4	3
2	S1014SO020N	S1016SO020N	6.00	0.75	3.62	2.44	1.00	3.06	4.75	0.75	4	5
2-1/2	S1014SO024N	S1016SO024N	7.00	0.88	4.12	2.94	1.12	3.56	5.50	0.75	4	7
3	S1014SO030N	S1016SO030N	7.50	0.94	5.00	3.57	1.19	4.25	6.00	0.75	4	8
4	S1014SO040N	S1016SO040N	9.00	0.94	6.19	4.60	1.31	5.31	7.50	0.75	8	13
5	S1014SO050N	S1016SO050N	10.00	0.94	7.31	5.66	1.44	6.44	8.50	0.88	8	15
6	S1014SO060N	S1016SO060N	11.00	1.00	8.50	6.72	1.56	7.56	9.50	0.88	8	19
8	S1014SO080N	S1016SO080N	13.50	1.12	10.62	8.72	1.75	9.69	11.75	0.88	8	30
10	S1014SO100N	S1016SO100N	16.00	1.19	12.75	10.88	1.94	12.00	14.25	1.00	12	43
12	S1014SO120N	S1016SO120N	19.00	1.25	15.00	12.88	2.19	14.38	17.00	1.00	12	64

Raised Face 1/16"



Threaded Flange



Lap Joint Flange

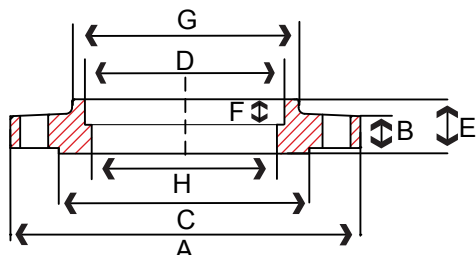
150# – Threaded Raised Face Flange

Size IN	Part Number		A IN	B IN	C IN	D IN	E IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L									
1/2	S1014TH004N	S1016TH004N	3.50	0.44	1.38	0.62	1.19	2.38	0.62	4	1
3/4	S1014TH006N	S1016TH006N	3.88	0.50	1.69	0.62	1.50	2.75	0.62	4	2
1	S1014TH010N	S1016TH010N	4.25	0.56	2.00	0.69	1.94	3.12	0.62	4	2
1-1/4	S1014TH012N	S1016TH012N	4.62	0.62	2.50	0.81	2.31	3.50	0.62	4	3
1-1/2	S1014TH014N	S1016TH014N	5.00	0.69	2.88	0.88	2.56	3.88	0.62	4	3
2	S1014TH020N	S1016TH020N	6.00	0.75	3.62	1.00	3.06	4.75	0.75	4	5
2-1/2	S1014TH024N	S1016TH024N	7.00	0.88	4.12	1.12	3.56	5.50	0.75	4	7
3	S1014TH030N	S1016TH030N	7.50	0.94	5.00	1.19	4.25	6.00	0.75	4	8
4	S1014TH040N	S1016TH040N	9.00	0.94	6.19	1.31	5.31	7.50	0.75	8	13
5	S1014TH050N	S1016TH050N	10.00	0.94	7.31	1.44	6.44	8.50	0.88	8	15
6	S1014TH060N	S1016TH060N	11.00	1.00	8.50	1.56	7.56	9.50	0.88	8	19

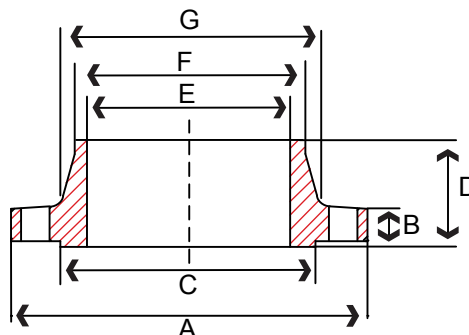
Raised Face 1/16"

150# – Lap Joint Flange

Size IN	Part Number		A IN	B IN	C IN	D IN	E IN	F IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L										
1/2	S1014LJ004N	S1016LJ004N	3.50	0.44	0.12	0.62	0.90	1.19	2.38	0.62	4	1
3/4	S1014LJ006N	S1016LJ006N	3.88	0.50	0.12	0.62	1.11	1.50	2.75	0.62	4	2
1	S1014LJ010N	S1016LJ010N	4.25	0.56	0.12	0.69	1.38	1.94	3.12	0.62	4	2
1-1/4	S1014LJ012N	S1016LJ012N	4.62	0.62	0.19	0.81	1.72	2.31	3.50	0.62	4	3
1-1/2	S1014LJ014N	S1016LJ014N	5.00	0.69	0.25	0.88	1.97	2.56	3.88	0.62	4	3
2	S1014LJ020N	S1016LJ020N	6.00	0.75	0.31	1.00	2.46	3.06	4.75	0.75	4	5
2-1/2	S1014LJ024N	S1016LJ024N	7.00	0.88	0.31	1.12	2.97	3.56	5.50	0.75	4	7
3	S1014LJ030N	S1016LJ030N	7.50	0.94	0.38	1.19	3.60	4.25	6.00	0.75	4	8
3-1/2	S1014LJ034N	S1016LJ034N	8.50	0.94	0.38	1.25	4.10	4.81	7.00	0.75	8	11
4	S1014LJ040N	S1016LJ040N	9.00	0.94	0.44	1.31	4.60	5.31	7.50	0.75	8	13
5	S1014LJ050N	S1016LJ050N	10.00	0.94	0.44	1.44	5.69	6.44	8.50	0.88	8	15
6	S1014LJ060N	S1016LJ060N	11.00	1.00	0.50	1.56	6.75	7.56	9.50	0.88	8	19
8	S1014LJ080N	S1016LJ080N	13.50	1.12	0.50	1.75	8.75	9.69	11.75	0.88	8	30
10	S1014LJ100N	S1016LJ100N	16.00	1.19	0.50	1.94	10.92	12.00	14.25	1.00	12	43
12	S1014LJ120N	S1016LJ120N	19.00	1.25	0.50	2.19	12.92	14.38	17.00	1.00	12	64



Socket Weld Flange



Weld Neck Flange

150# Schedule 40 – Socket Weld Raised Face Flange

Size IN	Part Number		A	B	C	D	E	F	G	H	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN		
1/2	S1014SW4004N	S1016SW4004N	3.50	0.44	1.38	0.88	0.62	0.38	1.19	0.62	2.38	0.62	4	1
3/4	S1014SW4006N	S1016SW4006N	3.88	0.50	1.69	1.09	0.62	0.44	1.50	0.82	2.75	0.62	4	2
1	S1014SW4010N	S1016SW4010N	4.25	0.56	2.00	1.36	0.69	0.50	1.94	1.05	3.12	0.62	4	2
1-1/4	S1014SW4012N	S1016SW4012N	4.62	0.62	2.50	1.70	0.81	0.56	2.31	1.38	3.50	0.62	4	3
1-1/2	S1014SW4014N	S1016SW4014N	5.00	0.69	2.88	1.95	0.88	0.62	2.56	1.61	3.88	0.62	4	3
2	S1014SW4020N	S1016SW4020N	6.00	0.75	3.62	2.44	1.00	0.69	3.06	2.07	4.75	0.75	4	5
2-1/2	S1014SW4024N	S1016SW4024N	7.00	0.88	4.12	2.94	1.12	0.75	3.56	2.47	5.50	0.75	4	7
3	S1014SW4030N	S1016SW4030N	7.50	0.94	5.00	3.57	1.19	0.81	4.25	3.07	6.00	0.75	4	8
4	S1014SW4040N	S1016SW4040N	9.00	0.94	6.19	4.60	1.31	0.94	5.31	4.03	7.50	0.75	8	13
5	S1014SW4050N	S1016SW4050N	10.00	0.94	7.31	5.66	1.44	0.94	6.44	5.05	8.50	0.88	8	15
6	S1014SW4060N	S1016SW4060N	11.00	1.00	8.50	6.72	1.56	1.06	7.56	6.07	9.50	0.88	8	19

Raised Face 1/16"

150# Schedule 80 – Socket Weld Raised Face Flange

Size IN	Part Number		A	B	C	D	E	F	G	H	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN		
1/2	S1014SW8004N	S1016SW8004N	3.50	0.44	1.38	0.88	0.62	0.38	1.19	0.62	2.38	0.62	4	1
3/4	S1014SW8006N	S1016SW8006N	3.88	0.50	1.69	1.09	0.62	0.44	1.50	0.82	2.75	0.62	4	2
1	S1014SW8010N	S1016SW8010N	4.25	0.56	2.00	1.36	0.69	0.50	1.94	1.05	3.12	0.62	4	2
1-1/4	S1014SW8012N	S1016SW8012N	4.62	0.62	2.50	1.70	0.81	0.56	2.31	1.38	3.50	0.62	4	3
1-1/2	S1014SW8014N	S1016SW8014N	5.00	0.69	2.88	1.95	0.88	0.62	2.56	1.61	3.88	0.62	4	3
2	S1014SW8020N	S1016SW8020N	6.00	0.75	3.62	2.44	1.00	0.69	3.06	2.07	4.75	0.75	4	5
2-1/2	S1014SW8024N	S1016SW8024N	7.00	0.88	4.12	2.94	1.12	0.75	3.56	2.47	5.50	0.75	4	7
3	S1014SW8030N	S1016SW8030N	7.50	0.94	5.00	3.57	1.19	0.81	4.25	3.07	6.00	0.75	4	8
4	S1014SW8040N	S1016SW8040N	9.00	0.94	6.19	4.60	1.31	0.94	5.31	4.03	7.50	0.75	8	13

Raised Face 1/16"

150# Schedule 10 – Weld Neck Raised Face Flange

Size IN	Part Number		A IN	B IN	C IN	D IN	E IN	F IN	G IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L											
1/2	S1014WN1004N	S1016WN1004N	3.50	0.44	1.38	1.88	0.62	0.84	1.19	2.38	0.62	4	2
3/4	S1014WN1006N	S1016WN1006N	3.88	0.50	1.69	2.06	0.82	1.05	1.50	2.75	0.62	4	2
1	S1014WN1010N	S1016WN1010N	4.25	0.56	2.00	2.19	1.05	1.32	1.94	3.12	0.62	4	3
1-1/4	S1014WN1012N	S1016WN1012N	4.62	0.62	2.50	2.25	1.38	1.66	2.31	3.50	0.62	4	3
1-1/2	S1014WN1014N	S1016WN1014N	5.00	0.69	2.88	2.44	1.61	1.90	2.56	3.88	0.62	4	4
2	S1014WN1020N	S1016WN1020N	6.00	0.75	3.62	2.50	2.07	2.38	3.06	4.75	0.75	4	6
2-1/2	S1014WN1024N	S1016WN1024N	7.00	0.88	4.12	2.75	2.47	2.88	3.56	5.50	0.75	4	8
3	S1014WN1030N	S1016WN1030N	7.50	0.94	5.00	2.75	3.07	3.50	4.25	6.00	0.75	4	10
4	S1014WN1040N	S1016WN1040N	9.00	0.94	6.19	3.00	4.03	4.50	5.31	7.50	0.75	8	15
5	S1014WN1050N	S1016WN1050N	10.00	0.94	7.31	3.50	5.05	5.56	6.44	8.50	0.88	8	19
6	S1014WN1060N	S1016WN1060N	11.00	1.00	8.50	3.50	6.07	6.63	7.56	9.50	0.88	8	24
8	S1014WN1080N	S1016WN1080N	13.50	1.12	10.62	4.00	7.98	8.63	9.69	11.75	0.88	8	39
10	S1014WN1100N	S1016WN1100N	16.00	1.19	12.75	4.00	10.02	10.75	12.00	14.25	1.00	12	52
12	S1014WN1120N	S1016WN1120N	19.00	1.25	15.00	4.50	12.00	12.75	14.38	17.00	1.00	12	80

Raised Face 1/16"

150# Schedule 40 – Weld Neck Raised Face Flange

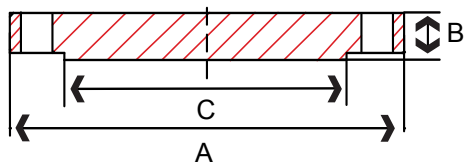
Size IN	Part Number		A IN	B IN	C IN	D IN	E IN	F IN	G IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L											
1/2	S1014WN4004N	S1016WN4004N	3.50	0.44	1.38	1.88	0.62	0.84	1.19	2.38	0.62	4	2
3/4	S1014WN4006N	S1016WN4006N	3.88	0.50	1.69	2.06	0.82	1.05	1.50	2.75	0.62	4	2
1	S1014WN4010N	S1016WN4010N	4.25	0.56	2.00	2.19	1.05	1.32	1.94	3.12	0.62	4	3
1-1/4	S1014WN4012N	S1016WN4012N	4.62	0.62	2.50	2.25	1.38	1.66	2.31	3.50	0.62	4	3
1-1/2	S1014WN4014N	S1016WN4014N	5.00	0.69	2.88	2.44	1.61	1.90	2.56	3.88	0.62	4	4
2	S1014WN4020N	S1016WN4020N	6.00	0.75	3.62	2.50	2.07	2.38	3.06	4.75	0.75	4	6
2-1/2	S1014WN4024N	S1016WN4024N	7.00	0.88	4.12	2.75	2.47	2.88	3.56	5.50	0.75	4	8
3	S1014WN4030N	S1016WN4030N	7.50	0.94	5.00	2.75	3.07	3.50	4.25	6.00	0.75	4	10
4	S1014WN4040N	S1016WN4040N	9.00	0.94	6.19	3.00	4.03	4.50	5.31	7.50	0.75	8	15
5	S1014WN4050N	S1016WN4050N	10.00	0.94	7.31	3.50	5.05	5.56	6.44	8.50	0.88	8	19
6	S1014WN4060N	S1016WN4060N	11.00	1.00	8.50	3.50	6.07	6.63	7.56	9.50	0.88	8	24
8	S1014WN4080N	S1016WN4080N	13.50	1.12	10.62	4.00	7.98	8.63	9.69	11.75	0.88	8	39
10	S1014WN4100N	S1016WN4100N	16.00	1.19	12.75	4.00	10.02	10.75	12.00	14.25	1.00	12	52
12	S1014WN4120N	S1016WN4120N	19.00	1.25	15.00	4.50	12.00	12.75	14.38	17.00	1.00	12	80

Raised Face 1/16"

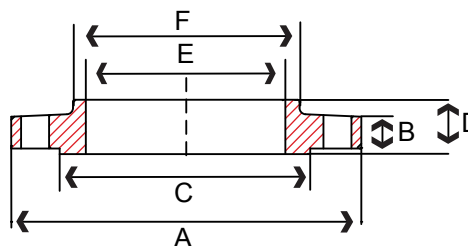
150# Schedule 80 – Weld Neck Raised Face Flange

Size IN	Part Number		A IN	B IN	C IN	D IN	E IN	F IN	G IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L											
1/2	S1014WN8004N	S1016WN8004N	3.50	0.44	1.38	1.88	0.62	0.84	1.19	2.38	0.62	4	2
3/4	S1014WN8006N	S1016WN8006N	3.88	0.50	1.69	2.06	0.82	1.05	1.50	2.75	0.62	4	2
1	S1014WN8010N	S1016WN8010N	4.25	0.56	2.00	2.19	1.05	1.32	1.94	3.12	0.62	4	3
1-1/4	S1014WN8012N	S1016WN8012N	4.62	0.62	2.50	2.25	1.38	1.66	2.31	3.50	0.62	4	3
1-1/2	S1014WN8014N	S1016WN8014N	5.00	0.69	2.88	2.44	1.61	1.90	2.56	3.88	0.62	4	4
2	S1014WN8020N	S1016WN8020N	6.00	0.75	3.62	2.50	2.07	2.38	3.06	4.75	0.75	4	6
2-1/2	S1014WN8024N	S1016WN8024N	7.00	0.88	4.12	2.75	2.47	2.88	3.56	5.50	0.75	4	8
3	S1014WN8030N	S1016WN8030N	7.50	0.94	5.00	2.75	3.07	3.50	4.25	6.00	0.75	4	10
4	S1014WN8040N	S1016WN8040N	9.00	0.94	6.19	3.00	4.03	4.50	5.31	7.50	0.75	8	15
6	S1014WN8060N	S1016WN8060N	11.00	1.00	8.50	3.50	6.07	6.63	7.56	9.50	0.88	8	24
8	S1014WN8080N	S1016WN8080N	13.50	1.12	10.62	4.00	7.98	8.63	9.69	11.75	0.88	8	39
10	S1014WN8100N	S1016WN8100N	16.00	1.19	12.75	4.00	10.02	10.75	12.00	14.25	1.00	12	52
12	S1014WN8120N	S1016WN8120N	19.00	1.25	15.00	4.50	12.00	12.75	14.38	17.00	1.00	12	80

Raised Face 1/16"



Blind Flange



Slip-On Flange

300# – Blind Raised Face Flange

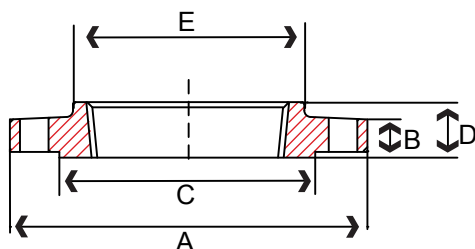
Size IN	Part Number		A IN	B IN	C IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L							
1/2	S1034BL004N	S1036BL004N	3.75	0.56	1.38	2.62	0.62	4	2
3/4	S1034BL006N	S1036BL006N	4.62	0.62	1.69	3.25	0.75	4	3
1	S1034BL010N	S1036BL010N	4.88	0.69	2.00	3.50	0.75	4	3
1-1/4	S1034BL012N	S1036BL012N	5.25	0.75	2.50	3.88	0.75	4	4
1-1/2	S1034BL014N	S1036BL014N	6.12	0.81	2.88	4.50	0.88	4	6
2	S1034BL020N	S1036BL020N	6.50	0.88	3.62	5.00	0.75	4	8
2-1/2	S1034BL024N	S1036BL024N	7.50	1.00	4.12	5.88	0.88	4	12
3	S1034BL030N	S1036BL030N	8.25	1.12	5.00	6.62	0.88	4	16
4	S1034BL040N	S1036BL040N	10.00	1.25	6.19	7.88	0.88	8	27
6	S1034BL060N	S1036BL060N	12.50	1.44	8.50	10.62	0.88	8	50
8	S1034BL080N	S1036BL080N	15.00	1.62	10.62	13.00	1.00	8	81
10	S1034BL100N	S1036BL100N	17.50	1.88	12.75	15.25	1.12	12	124
12	S1034BL120N	S1036BL120N	20.50	2.00	15.00	17.75	1.25	12	185

Raised Face 1/16"

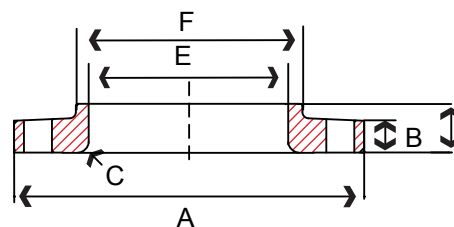
300# – Slip-On Raised Face Flange

Size IN	Part Number		A IN	B IN	C IN	D IN	E IN	F IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L										
1/2	S1034SO004N	S1036SO004N	3.75	0.56	1.38	0.88	0.88	1.50	2.62	0.62	4	2
3/4	S1034SO006N	S1036SO006N	4.62	0.62	1.69	1.00	1.09	1.88	3.25	0.75	4	3
1	S1034SO010N	S1036SO010N	4.88	0.69	2.00	1.06	1.36	2.12	3.50	0.75	4	3
1-1/4	S1034SO012N	S1036SO012N	5.25	0.75	2.50	1.06	1.70	2.50	3.88	0.75	4	4
1-1/2	S1034SO014N	S1036SO014N	6.12	0.81	2.88	1.19	1.95	2.75	4.50	0.88	4	6
2	S1034SO020N	S1036SO020N	6.50	0.88	3.62	1.31	2.44	3.31	5.00	0.75	4	7
2-1/2	S1034SO024N	S1036SO024N	7.50	1.00	4.12	1.50	2.94	3.94	5.88	0.88	4	10
3	S1034SO030N	S1036SO030N	8.25	1.12	5.00	1.69	3.57	4.62	6.62	0.88	4	13
4	S1034SO040N	S1036SO040N	10.00	1.25	6.19	1.88	4.60	5.75	7.88	0.88	8	22
6	S1034SO060N	S1036SO060N	12.50	1.44	8.50	2.06	6.72	8.12	10.62	0.88	8	39
8	S1034SO080N	S1036SO080N	15.00	1.62	10.62	2.44	8.72	10.25	13.00	1.00	8	58
10	S1034SO100N	S1036SO100N	17.50	1.88	12.75	2.62	10.88	12.62	15.25	1.12	12	81
12	S1034SO120N	S1036SO120N	20.50	2.00	15.00	2.88	12.88	14.75	17.75	1.25	12	115

Raised Face 1/16"



Threaded Flange



Lap Joint Flange

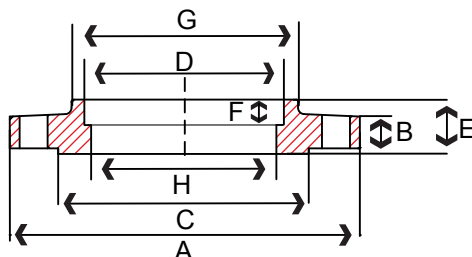
300# – Threaded Raised Face Flange Flange

Size IN	Part Number		A IN	B IN	C IN	D IN	E IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L									
1/2	S1034TH004N	S1036TH004N	3.75	0.56	1.38	0.88	1.50	2.62	0.62	4	2
3/4	S1034TH006N	S1036TH006N	4.62	0.62	1.69	1.00	1.88	3.25	0.75	4	3
1	S1034TH010N	S1036TH010N	4.88	0.69	2.00	1.06	2.12	3.50	0.75	4	3
1-1/4	S1034TH012N	S1036TH012N	5.25	0.75	2.50	1.06	2.50	3.88	0.75	4	4
1-1/2	S1034TH014N	S1036TH014N	6.12	0.81	2.88	1.19	2.75	4.50	0.88	4	6
2	S1034TH020N	S1036TH020N	6.50	0.88	3.62	1.31	3.31	5.00	0.75	4	7
3	S1034TH030N	S1036TH030N	8.25	1.12	5.00	1.69	4.62	6.62	0.88	4	13
4	S1034TH040N	S1036TH040N	10.00	1.25	6.19	1.88	5.75	7.88	0.88	8	22

Raised Face 1/16"

300# – Lap Joint Flange

Size IN	Part Number		A IN	B IN	C IN	D IN	E IN	F IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L										
1/2	S1034LJ004N	S1036LJ004N	3.75	0.56	0.12	0.88	0.90	1.50	2.62	0.62	4	2
3/4	S1034LJ006N	S1036LJ006N	4.62	0.62	0.12	1.00	1.11	1.88	3.25	0.75	4	3
1	S1034LJ010N	S1036LJ010N	4.88	0.69	0.12	1.06	1.38	2.12	3.50	0.75	4	3
1-1/4	S1034LJ012N	S1036LJ012N	5.25	0.75	0.19	1.06	1.72	2.50	3.88	0.75	4	4
1-1/2	S1034LJ014N	S1036LJ014N	6.12	0.81	0.25	1.19	1.97	2.75	4.50	0.88	4	6
2	S1034LJ020N	S1036LJ020N	6.50	0.88	0.31	1.31	2.46	3.31	5.00	0.75	4	7
3	S1034LJ030N	S1036LJ030N	8.25	1.12	0.38	1.69	3.60	4.62	6.62	0.88	4	13
4	S1034LJ040N	S1036LJ040N	10.00	1.25	0.44	1.88	4.60	5.75	7.88	0.88	8	22



Socket Weld Flange

300# Schedule 40 – Socket Weld Raised Face Flange

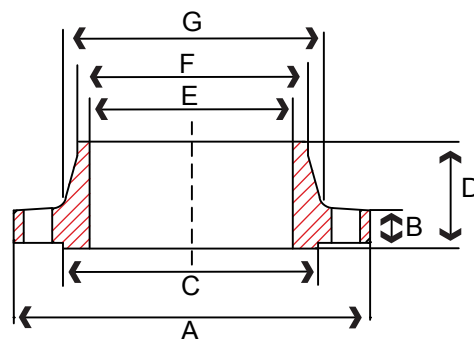
Size IN	Part Number		A	B	C	D	E	F	G	H	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN		
1/2	S1034SW4004N	S1036SW4004N	3.75	0.56	1.38	0.88	0.88	0.38	1.50	0.62	2.62	0.62	4	2
3/4	S1034SW4006N	S1036SW4006N	4.62	0.62	1.69	1.09	1.00	0.44	1.88	0.82	3.25	0.75	4	3
1	S1034SW4010N	S1036SW4010N	4.88	0.69	2.00	1.36	1.06	0.50	2.12	1.05	3.50	0.75	4	3
1-1/4	S1034SW4012N	S1036SW4012N	5.25	0.75	2.50	1.70	1.06	0.56	2.50	1.38	3.88	0.75	4	4
1-1/2	S1034SW4014N	S1036SW4014N	6.12	0.81	2.88	1.95	1.19	0.62	2.75	1.61	4.50	0.88	4	6
2	S1034SW4020N	S1036SW4020N	6.50	0.88	3.62	2.44	1.31	0.69	3.31	2.07	5.00	0.75	8	7
2-1/2	S1034SW4024N	S1036SW4024N	7.50	1.00	4.12	2.94	1.50	0.75	3.94	2.94	5.88	0.88	8	10
3	S1034SW4030N	S1036SW4030N	8.25	1.12	5.00	3.57	1.69	0.81	4.62	3.57	6.62	0.88	8	13
4	S1034SW4040N	S1036SW4040N	10.00	1.25	6.19	4.60	1.88	-	5.75	4.03	7.88	0.88	8	22

Raised Face 1/16"

300# Schedule 80 – Socket Weld Raised Face Flange

Size IN	Part Number		A	B	C	D	E	F	G	H	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN		
1/2	S1034SW8004N	S1036SW8004N	3.75	0.56	1.38	0.88	0.88	0.38	1.50	0.62	2.62	0.62	4	2
3/4	S1034SW8006N	S1036SW8006N	4.62	0.62	1.69	1.09	1.00	0.44	1.88	0.82	3.25	0.75	4	3
1	S1034SW8010N	S1036SW8010N	4.88	0.69	2.00	1.36	1.06	0.50	2.12	1.05	3.50	0.75	4	3
1-1/4	S1034SW8012N	S1036SW8012N	5.25	0.75	2.50	1.70	1.06	0.56	2.50	1.38	3.88	0.75	4	4
1-1/2	S1034SW8014N	S1036SW8014N	6.12	0.81	2.88	1.95	1.19	0.62	2.75	1.61	4.50	0.88	4	6
2	S1034SW8020N	S1036SW8020N	6.50	0.88	3.62	2.44	1.31	0.69	3.31	2.07	5.00	0.75	8	7
2-1/2	S1034SW8024N	S1036SW8024N	7.50	1.00	4.12	2.94	1.50	0.75	3.94	2.94	5.88	0.88	8	10
3	S1034SW8030N	S1036SW8030N	8.25	1.12	5.00	3.57	1.69	0.81	4.62	3.57	6.62	0.88	8	13
4	S1034SW8040N	S1036SW8040N	10.00	1.25	6.19	4.60	1.88	-	5.75	4.03	7.88	0.88	8	22

Raised Face 1/16"



Weld Neck Flange

300# Schedule 40 – Weld Neck Raised Face Flange

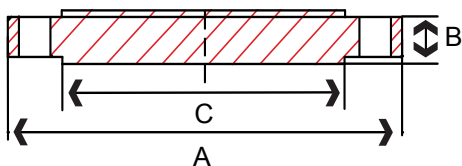
Size IN	Part Number		A	B	C	D	E	F	G	Bolt Circle	Bolt Hole Diameter	Number of Bolt Holes	Weight
	304/304L	316/316L	IN	IN	IN	IN	IN	IN	IN	IN	IN		lbs
1/2	S1034WN4004N	S1036WN4004N	3.75	0.56	1.38	2.06	0.62	0.84	1.50	2.38	0.62	4	2
3/4	S1034WN4006N	S1036WN4006N	4.62	0.62	1.69	2.25	0.82	1.05	1.88	2.75	0.62	4	3
1	S1034WN4010N	S1036WN4010N	4.88	0.69	2.00	2.44	1.05	1.32	2.12	3.12	0.62	4	4
1-1/4	S1034WN4012N	S1036WN4012N	5.25	0.75	2.50	2.56	1.38	1.66	2.50	3.50	0.62	4	5
1-1/2	S1034WN4014N	S1036WN4014N	6.12	0.81	2.88	2.69	1.61	1.90	2.75	3.88	0.62	4	7
2	S1034WN4020N	S1036WN4020N	6.50	0.88	3.62	2.75	2.07	2.38	3.31	4.75	0.75	4	9
2-1/2	S1034WN4024N	S1036WN4024N	7.50	1.00	4.12	3.00	2.47	2.88	3.94	5.50	0.75	4	12
3	S1034WN4030N	S1036WN4030N	8.25	1.12	5.00	3.12	3.07	3.50	4.62	6.00	0.75	4	15
4	S1034WN4040N	S1036WN4040N	10.00	1.25	6.19	3.38	4.03	4.50	5.75	7.50	0.75	8	25
6	S1034WN4060N	S1036WN4060N	12.50	1.44	8.50	3.88	6.07	6.63	8.12	9.50	0.88	8	42
8	S1034WN4080N	S1036WN4080N	15.00	1.62	10.62	4.38	7.98	8.63	10.25	11.75	0.88	8	67
10	S1034WN4100N	S1036WN4100N	17.50	1.88	12.75	4.62	10.02	10.75	12.62	14.25	1.00	12	91
12	S1034WN4120N	S1036WN4120N	20.50	2.00	15.00	5.12	12.00	12.75	14.75	17.00	1.00	12	140

Raised Face 1/16"

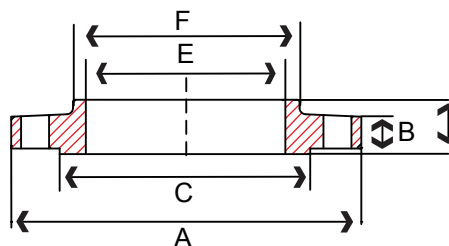
300# Schedule 80 – Weld Neck Raised Face Flange

Size IN	Part Number		A	B	C	D	E	F	G	Bolt Circle	Bolt Hole Diameter	Number of Bolt Holes	Weight
	304/304L	316/316L	IN	IN	IN	IN	IN	IN	IN	IN	IN		lbs
1/2	S1034WN8004N	S1036WN8004N	3.75	0.56	1.38	2.06	0.62	0.84	1.50	2.38	0.62	4	2
3/4	S1034WN8006N	S1036WN8006N	4.62	0.62	1.69	2.25	0.82	1.05	1.88	2.75	0.62	4	3
1	S1034WN8010N	S1036WN8010N	4.88	0.69	2.00	2.44	1.05	1.32	2.12	3.12	0.62	4	4
1-1/4	S1034WN8012N	S1036WN8012N	5.25	0.75	2.50	2.56	1.38	1.66	2.50	3.50	0.62	4	5
1-1/2	S1034WN8014N	S1036WN8014N	6.12	0.81	2.88	2.69	1.61	1.90	2.75	3.88	0.62	4	7
2	S1034WN8020N	S1036WN8020N	6.50	0.88	3.62	2.75	2.07	2.38	3.31	4.75	0.75	4	9
2-1/2	S1034WN8024N	S1036WN8024N	7.50	1.00	4.12	3.00	2.47	2.88	3.94	5.50	0.75	4	12
3	S1034WN8030N	S1036WN8030N	8.25	1.12	5.00	3.12	3.07	3.50	4.62	6.00	0.75	4	15
4	S1034WN8040N	S1036WN8040N	10.00	1.25	6.19	3.38	4.03	4.50	5.75	7.50	0.75	8	25
6	S1034WN8060N	S1036WN8060N	12.50	1.44	8.50	3.88	6.07	6.63	8.12	9.50	0.88	8	42
8	S1034WN8080N	S1036WN8080N	15.00	1.62	10.62	4.38	7.98	8.63	10.25	11.75	0.88	8	67
10	S1034WN8100N	S1036WN8100N	17.50	1.88	12.75	4.62	10.02	10.75	12.62	14.25	1.00	12	91
12	S1034WN8120N	S1036WN8120N	20.50	2.00	15.00	5.12	12.00	12.75	14.75	17.00	1.00	12	140

Raised Face 1/16"



Blind Flange



Slip-On Flange

600# – Blind (Hi-Hub) Raised Face Flange

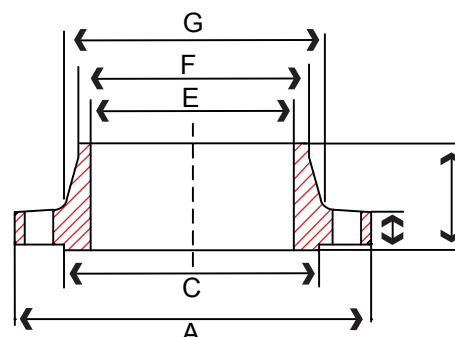
Size IN	Part Number		A IN	B IN	C IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L							
1/2	S1064BL004N	S1066BL004N	3.75	0.56	1.38	2.62	0.62	4	1
3/4	S1064BL006N	S1066BL006N	4.62	0.62	1.69	3.25	0.75	4	2
1	S1064BL010N	S1066BL010N	4.88	0.69	2.00	3.50	0.75	4	2
1-1/4	S1064BL012N	S1066BL012N	5.25	0.81	2.50	3.88	0.75	4	3
1-1/2	S1064BL014N	S1066BL014N	6.12	0.88	2.88	4.50	0.88	4	4
2	S1064BL020N	S1066BL020N	6.50	1.00	3.62	5.00	0.75	8	5
3	S1064BL030N	S1066BL030N	8.25	1.25	5.00	6.62	0.88	8	9
4	S1064BL040N	S1066BL040N	10.00	1.50	6.19	8.50	1.00	8	17
6	S1064BL060N	S1066BL060N	12.50	1.88	8.50	11.50	1.12	12	26

Raised Face 1/16"

600# – Slip-On Raised Face Flange

Size IN	Part Number		A IN	B IN	C IN	D IN	E IN	F IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L										
1/2	S1064SO004N	S1066SO004N	3.75	0.56	1.38	0.88	0.88	1.50	2.62	0.62	4	1
3/4	S1064SO006N	S1066SO006N	4.62	0.62	1.69	1.00	1.09	1.88	3.25	0.75	4	2
1	S1064SO010N	S1066SO010N	4.88	0.69	2.00	1.06	1.36	2.12	3.50	0.75	4	2
1-1/4	S1064SO012N	S1066SO012N	5.25	0.81	2.50	1.12	1.70	2.50	3.88	0.75	4	3
1-1/2	S1064SO014N	S1066SO014N	6.12	0.88	2.88	1.25	1.95	2.75	4.50	0.88	4	3
2	S1064SO020N	S1066SO020N	6.50	1.00	3.62	1.44	2.44	3.31	5.00	0.75	8	5
3	S1064SO030N	S1066SO030N	8.25	1.25	5.00	1.81	3.57	4.62	6.62	0.88	8	8
4	S1064SO040N	S1066SO040N	10.00	1.50	6.19	2.12	4.60	0.94	8.50	1.00	8	13
6	S1064SO060N	S1066SO060N	12.50	1.88	8.50	2.62	6.72	1.06	11.50	1.12	12	19

Raised Face 1/16"



Weld Neck Flange

600# Schedule 40 – Weld Neck Raised Face Flange

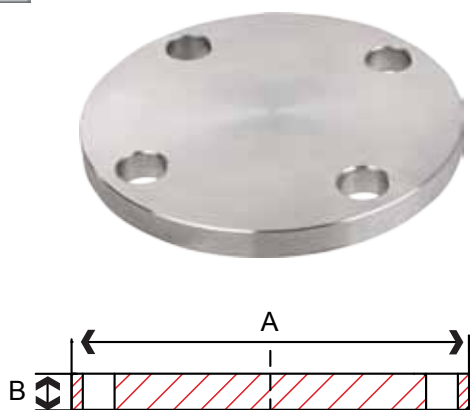
Size IN	Part Number		A IN	B IN	C IN	D IN	E IN	F IN	G IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L											
1/2	S1064WN4004N	S1066WN4004N	3.75	0.56	1.38	2.06	To be specified by purchaser	0.84	1.50	2.62	0.62	4	2
3/4	S1064WN4006N	S1066WN4006N	4.62	0.62	1.69	2.25		1.05	1.88	3.25	0.75	4	4
1	S1064WN4010N	S1066WN4010N	4.88	0.69	2.00	2.44		1.32	2.12	3.50	0.75	4	4
1-1/4	S1064WN4012N	S1066WN4012N	5.25	0.81	2.50	2.62		1.66	2.50	3.88	0.75	4	6
1-1/2	S1064WN4014N	S1066WN4014N	6.12	0.88	2.88	2.75		1.90	2.75	4.50	0.88	4	8
2	S1064WN4020N	S1066WN4020N	6.50	1.00	3.62	2.88		2.38	3.31	5.00	0.75	8	12
3	S1064WN4030N	S1066WN4030N	8.25	1.25	5.00	3.25		3.50	4.62	6.62	0.88	8	23
4	S1064WN4040N	S1066WN4040N	10.00	1.50	6.19	4.00		4.50	0.94	8.50	1.00	8	42
6	S1064WN4060N	S1066WN4060N	12.50	1.88	8.50	4.62		6.63	1.06	11.50	1.12	12	81

Raised Face 1/16"

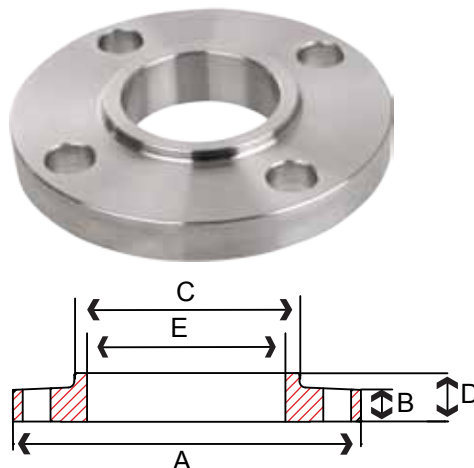
600# Schedule 80 – Weld Neck Raised Face Flange

Size IN	Part Number		A IN	B IN	C IN	D IN	E IN	F IN	G IN	Bolt Circle IN	Bolt Hole Diameter IN	Number of Bolt Holes	Weight lbs
	304/304L	316/316L											
1/2	S1064WN8004N	S1066WN8004N	3.75	0.56	1.38	2.06	To be specified by purchaser	0.84	1.50	2.62	0.62	4	2
3/4	S1064WN8006N	S1066WN8006N	4.62	0.62	1.69	2.25		1.05	1.88	3.25	0.75	4	4
1	S1064WN8010N	S1066WN8010N	4.88	0.69	2.00	2.44		1.32	2.12	3.50	0.75	4	4
1-1/4	S1064WN8012N	S1066WN8012N	5.25	0.81	2.50	2.62		1.66	2.50	3.88	0.75	4	6
1-1/2	S1064WN8014N	S1066WN8014N	6.12	0.88	2.88	2.75		1.90	2.75	4.50	0.88	4	8
2	S1064WN8020N	S1066WN8020N	6.50	1.00	3.62	2.88		2.38	3.31	5.00	0.75	8	12
3	S1064WN8030N	S1066WN8030N	8.25	1.25	5.00	3.25		3.50	4.62	6.62	0.88	8	23
4	S1064WN8040N	S1066WN8040N	10.00	1.50	6.19	4.00		4.50	0.94	8.50	1.00	8	42
6	S1064WN8060N	S1066WN8060N	12.50	1.88	8.50	4.62		6.63	1.06	11.50	1.12	12	81

Raised Face 1/16"



Blind Flange



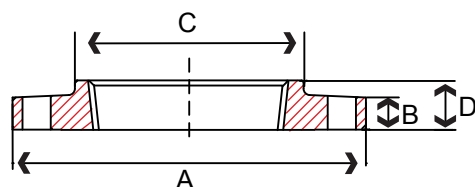
Slip-On Flange

Blind MSS Flange

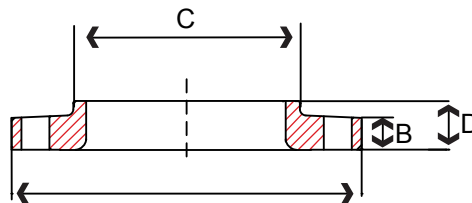
Size	Part Number		A Outside Diameter	B Thickness	Bolt Circle	Bolt Hole Diameter	Number of Bolt Holes	Weight lbs
IN	304/304L	316/316L	IN	IN	IN	IN		
1/2	S1514BL004	S1516BL004	3.500	5/16	2-3/8	5/8	4	1
3/4	S1514BL006	S1516BL006	3.875	11/32	3-3/4	5/8	4	2
1	S1514BL010	S1516BL010	4.250	3/8	3-1/8	5/8	4	2
1-1/4	S1514BL012	S1516BL012	4.625	13/32	3-1/2	5/8	4	3
1-1/2	S1514BL014	S1516BL014	5.000	7/16	3-7/8	5/8	4	4
2	S1514BL020	S1516BL020	6.000	1/2	4-3/4	3/4	4	5
2-1/2	S1514BL024	S1516BL024	7.000	9/16	5-1/2	3/4	4	9
3	S1514BL030	S1516BL030	7.500	5/8	6	3/4	4	17
4	S1514BL040	S1516BL040	9.000	11/16	7-1/2	3/4	8	26

Slip-On MSS Flange

Size	Part Number		A Outside Diameter	B Thickness	C Hub Diameter	D Slip-on	E Depth of Socket	Bolt Circle	Bolt Hole Diameter	Number of Bolt Holes	Weight lbs
IN	304/304L	316/316L	IN	IN	IN	IN	IN	IN	IN		
1/2	S1514SO004	S1516SO004	3.500	5/16	1-3/16	19/32	3/8	2-3/8	5/8	4	1
3/4	S1514SO006	S1516SO006	3.875	11/32	1-1/2	5/8	7/16	3-3/4	5/8	4	2
1	S1514SO010	S1516SO010	4.250	3/8	1-15/16	11/16	1/2	3-1/8	5/8	4	2
1-1/4	S1514SO012	S1516SO012	4.625	13/32	2-5/16	13/16	9/16	3-1/2	5/8	4	3
1-1/2	S1514SO014	S1516SO014	5.000	7/16	2-9/16	7/8	5/8	3-7/8	5/8	4	3
2	S1514SO020	S1516SO020	6.000	1/2	2-9/16	1	11/16	4-3/4	3/4	4	3
2-1/2	S1514SO024	S1516SO024	7.000	9/16	3-1/16	1-1/8	3/4	5-1/2	3/4	4	5
3	S1514SO030	S1516SO030	7.500	5/8	4-1/4	1-3/16	13/16	6	3/4	4	8
4	S1514SO040	S1516SO040	9.000	11/16	5-5/16	1-5/16	-	7-1/2	3/4	8	13
6	S1514SO060	S1516SO060	11.00	13/16	7-9/16	1-9/16	-	9-1/2	7/8	8	19



Threaded Flange



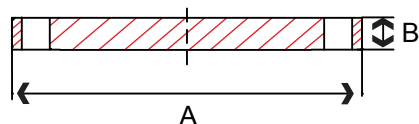
Lap Joint Flange

Threaded MSS Flange

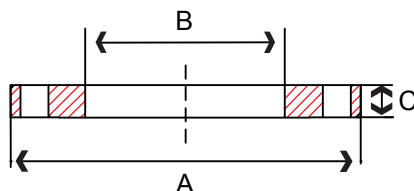
Size	Part Number		A Outside Diameter	B Thickness	C Hub Diameter	D	Bolt Circle	Bolt Hole Diameter	Number of Bolt Holes	Weight lbs
IN	304/304L	316/316L	IN	IN	IN	IN	IN	IN		
1/2	S1514TH004	S1516TH004	3.500	5/16	1-3/16	19/32	2-3/8	5/8	4	1
3/4	S1514TH006	S1516TH006	3.875	11/32	1-1/2	5/8	3-3/4	5/8	4	2
1	S1514TH010	S1516TH010	4.250	3/8	1-15/16	11/16	3-1/8	5/8	4	2
1-1/4	S1514TH012	S1516TH012	4.625	13/32	2-5/16	13/16	3-1/2	5/8	4	3
1-1/2	S1514TH014	S1516TH014	5.000	7/16	2-9/16	7/8	3-7/8	5/8	4	3
2	S1514TH020	S1516TH020	6.000	1/2	2-9/16	1	4-3/4	3/4	4	4
2-1/2	S1514TH024	S1516TH024	7.000	9/16	3-1/16	1-1/8	5-1/2	3/4	4	5
3	S1514TH030	S1516TH030	7.500	5/8	4-1/4	1-3/16	6	3/4	4	9
4	S1514TH040	S1516TH040	9.000	11/16	5-5/16	1-5/16	7-1/2	3/4	8	17
6	S1514TH060	S1516TH060	11.00	13/16	7-9/16	1-9/16	9-1/2	7/8	8	26

Lap Joint MSS Flange

Size	Part Number		A Outside Diameter	B Thickness	C Hub Diameter	D Slip-on	Bolt Circle	Bolt Hole Diameter	Number of Bolt Holes	Weight lbs
IN	304/304L	316/316L	IN	IN	IN	IN	IN	IN		
1/2	S1514LJ004	S1516LJ004	3.500	5/16	1-3/16	19/32	2-3/8	5/8	4	1
3/4	S1514LJ006	S1516LJ006	3.875	11/32	1-1/2	5/8	3-3/4	5/8	4	2
1	S1514LJ010	S1516LJ010	4.250	3/8	1-15/16	11/16	3-1/8	5/8	4	2
1-1/4	S1514LJ012	S1516LJ012	4.625	13/32	2-5/16	13/16	3-1/2	5/8	4	3
1-1/2	S1514LJ014	S1516LJ014	5.000	7/16	2-9/16	7/8	3-7/8	5/8	4	3
2	S1514LJ020	S1516LJ020	6.000	1/2	2-9/16	1	4-3/4	3/4	4	3
2-1/2	S1514LJ024	S1516LJ024	7.000	9/16	3-1/16	1-1/8	5-1/2	3/4	4	5
3	S1514LJ030	S1516LJ030	7.500	5/8	4-1/4	1-3/16	6	3/4	4	8
4	S1514LJ040	S1516LJ040	9.000	11/16	5-5/16	1-5/16	7-1/2	3/4	8	13
6	S1514LJ060	S1516LJ060	11.00	13/16	7-9/16	1-9/16	9-1/2	7/8	8	19



Blind Plate Flange



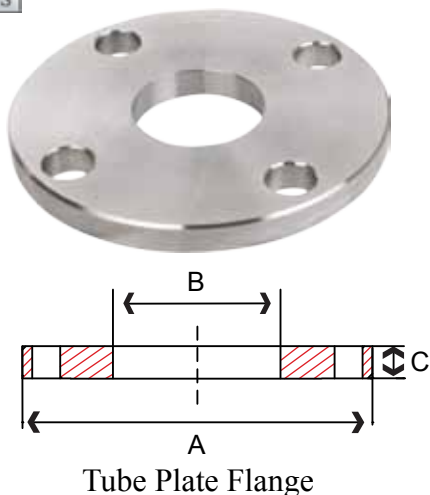
Slip-On IPS Plate Flange

Blind Plate Flanges

Size IN	Part Numbers		A Outside Diameter IN	B Thickness IN	Number of Bolt Holes	Bolt Hole Diameter IN	Bolt Circle IN	Weight LB
	304	316						
1	S1414BLP010	S1416BLP010	4.25	0.500	4	0.625	3.12	1.9
1-1/2	S1414BLP014	S1416BLP014	5.00	0.500	4	0.625	3.88	2.7
2	S1414BLP020	S1416BLP020	6.00	0.500	4	0.750	4.75	3.9
2-1/2	S1414BLP024	S1416BLP024	7.00	0.500	4	0.750	5.50	5.5
3	S1414BLP030	S1416BLP030	7.50	0.500	4	0.750	6.00	6.3
4	S1414BLP040	S1416BLP040	9.00	0.500	8	0.750	7.50	9.0
6	S1414BLP060	S1416BLP060	11.00	0.500	8	0.880	9.50	13.5
8	S1414BLP080	S1416BLP080	13.50	0.500	8	0.880	11.75	20.8
10	S1414BLP100	-	16.00	0.500	12	1.000	14.25	28.5
12	S1414BLP120	-	19.00	0.500	12	1.000	17.00	40.7

Slip-On IPS Plate Flanges

Size IN	Part Numbers		A Outside Diameter IN	B Inside Diameter IN	C Thickness IN	Number of Bolt Holes	Bolt Hole Diameter IN	Bolt Circle IN	Weight LB
	304	316							
1	S1414SOP010	S1416SOP010	4.25	1.36	0.500	4	0.625	3.12	1.7
1-1/2	S1414SOP014	S1416SOP014	5.00	1.95	0.500	4	0.625	3.88	2.3
2	S1414SOP020	S1416SOP020	6.00	2.44	0.500	4	0.75	4.75	3.2
2-1/2	S1414SOP024	S1416SOP024	7.00	2.94	0.500	4	0.75	5.50	4.5
3	S1414SOP030	S1416SOP030	7.50	3.57	0.500	4	0.75	6.00	4.8
4	S1414SOP040	S1416SOP040	9.00	4.60	0.500	8	0.75	7.50	6.5
5	S1414SOP050	S1416SOP050	10.00	5.66	0.500	8	0.88	8.50	7.3
6	S1414SOP060	S1416SOP060	11.00	6.72	0.500	8	0.88	9.50	8.2
8	S1414SOP080	S1416SOP080	13.50	8.72	0.500	8	0.88	11.75	11.8
10	S1414SOP100	S1416SOP100	16.00	10.88	0.500	12	1.00	14.25	18.3
12	S1414SOP120	S1416SOP120	19.00	12.88	0.500	12	1.00	17.00	26.8
14	-	S1416SOP140	21.00	14.14	0.500	12	1.12	18.75	31.6
16	-	S1416SOP160	23.50	16.16	0.500	12	1.12	21.25	31.4
18	-	S1416SOP180	25.00	18.18	0.500	12	1.25	22.75	31.4
20	-	S1416SOP200	27.50	20.20	0.500	12	1.25	25.00	36.8
24	-	S1416SOP240	32.00	24.25	0.500	12	1.38	29.50	46.3



Tube Plate Flanges

Size IN	Part Numbers		A Outside Diameter IN	B Inside Diameter IN	C Thickness IN	Number of Bolt Holes	Bolt Hole Diameter IN	Bolt Circle IN	Weight LB
	304	316							
1	S1414SOTP010	S1416SOTP010	4.25	1.063	0.500	4	0.625	3.12	1.7
1-1/2	S1414SOTP014	S1416SOTP014	5.00	1.563	0.500	4	0.625	3.88	2.3
2	S1414SOTP020	S1416SOTP020	6.00	2.063	0.500	4	0.750	4.75	3.2
2-1/2	S1414SOTP024	S1416SOTP024	7.00	2.563	0.500	4	0.750	5.50	4.5
3	S1414SOTP030	S1416SOTP030	7.50	3.063	0.500	4	0.750	6.00	4.8
4	S1414SOTP040	S1416SOTP040	9.00	4.063	0.500	8	0.750	7.50	6.5
6	S1414SOTP060	S1416SOTP060	11.00	6.063	0.500	8	0.875	9.50	8.2
8	S1414SOTP080	S1416SOTP080	13.50	8.063	0.500	8	0.875	11.75	11.8
10	S1414SOTP100	S1416SOTP100	16.00	10.063	0.500	12	1.00	14.25	14.7
12	S1414SOTP120	S1416SOTP120	19.00	12.063	0.500	12	1.00	17.00	18.2