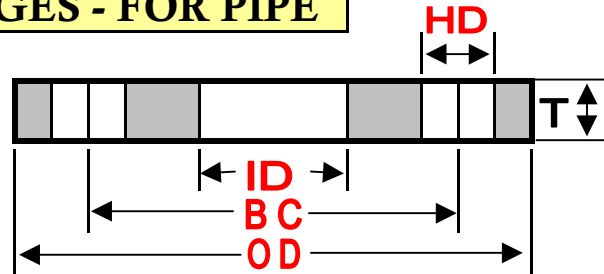


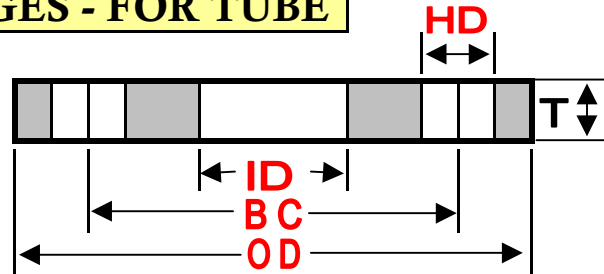
150 Lbs. BACKUP PLATE FLANGES - FOR PIPE



- OD AND DRILLING for 1/2" through 24" tube size's per ASME / ANSI B16.5-1996 Class 150
- OD AND DRILLING for 30" through 36" tube size's per ASME / ANSI B16.1-1989 Class 125
- Tolerances: See Chart

NOMINAL TUBE SIZE	SHIPPING WEIGHT IN POUNDS	THICKNESS (T)	OUTSIDE DIAMETER (OD)	INSIDE DIAMETER (ID)	NUMBER OF HOLES	HOLE DIA. (HD)	BOLT CIRCLE (BC)
1/2	1.17	0.500	3.50	0.88	4	0.62	2.38
3/4	1.45	0.500	3.88	1.09	4	0.62	2.75
1	1.73	0.500	4.25	1.36	4	0.62	3.12
1 1/4	2.00	0.500	4.62	1.70	4	0.62	3.50
1 1/2	2.32	0.500	5.00	1.95	4	0.62	3.88
2	3.28	0.500	6.00	2.44	4	0.75	4.75
2 1/2	4.50	0.500	7.00	2.94	4	0.75	5.50
3	4.88	0.500	7.50	3.57	4	0.75	6.00
3 1/2	6.04	0.500	8.50	4.07	8	0.75	7.00
4	6.57	0.500	9.00	4.60	8	0.75	7.50
5	7.31	0.500	10.00	5.66	8	0.88	8.50
6	8.24	0.500	11.00	6.72	8	0.88	9.50
8	11.83	0.500	13.50	8.72	8	0.88	11.75
10	18.39	0.625	16.00	10.88	12	1.00	14.25
12	26.80	0.625	19.00	12.88	12	1.00	17.00
14	33.05	0.625	21.00	14.14	12	1.12	18.75
16	47.45	0.750	23.50	16.16	16	1.12	21.25
18	47.21	0.750	25.00	18.18	16	1.25	22.75
20	73.76	1.000	27.50	20.20	20	1.25	25.00
24	92.64	1.000	32	24.25	20	1.38	29.50
30	124.16	1.000	38.75	30.25	28	1.38	36.00
36	207.4	1.250	46	36.25	32	1.62	42.75

150 Lbs. BACKUP PLATE FLANGES - FOR TUBE



- OD AND DRILLING for 1" through 24" tube size per ASME / ANSI B16.5-1996 Class 150
- OD AND DRILLING for 30" through 36" tube size per ASME / ANSI B16.5-1996 Class 125
- Tolerances: See Chart

NOMINAL TUBE SIZE	STYLE	THICKNESS T	OUTSIDE DIAMETER (OD)	INSIDE DIAMETER (ID)	NUMBER OF HOLES	HOLE DIA. (HD)	BOLT CIRCLE (BC)
1	FLATFACE RING	0.500	4.25	1.13	4	0.62	3.12
	ANGLE FACE RING	0.500	4.25	1.38	4	0.62	3.12
1 1/4	FFR	0.500	4.62	1.38	4	0.62	3.50
	AFR	0.500	4.62	1.63	4	0.62	3.50
1 1/2	FFR	0.500	5.00	1.63	4	0.62	3.88
	AFR	0.500	5.00	1.88	4	0.62	3.88
2	FFR	0.500	6.00	2.25	4	0.75	4.75
	AFR	0.500	6.00	2.50	4	0.75	4.75
2 1/2	FFR	0.500	7.00	2.75	4	0.75	5.50
	AFR	0.500	7.00	3.00	4	0.75	5.50
3	FFR	0.500	7.50	3.25	4	0.75	6.00
	AFR	0.500	7.50	3.50	4	0.75	6.00
4	FFR	0.500	9.00	4.25	8	0.75	7.50
	AFR	0.500	9.00	4.50	8	0.75	7.50
5	FFR	0.500	10.00	5.25	8	0.88	8.50
	AFR	0.500	10.00	5.38	8	0.88	8.50
6	FFR	0.500	11.00	6.25	8	0.88	9.50
	AFR	0.500	11.00	6.44	8	0.88	9.50
8	FFR	0.500	13.50	8.25	8	0.88	11.75
	AFR	0.500	13.50	8.56	8	0.88	11.75
10	FFR	0.625	16.00	10.25	12	1.00	14.25
	AFR	0.625	16.00	10.63	12	1.00	14.25
12	FFR	0.625	19.00	12.25	12	1.00	17.00
	AFR	0.625	19.00	12.88	12	1.00	17.00
14	FFR	0.625	21.00	14.25	12	1.12	18.75
	AFR	0.625	21.00	14.88	12	1.12	18.75
16	FFR	0.625	23.50	16.25	16	1.12	21.25
	AFR	0.625	23.50	16.88	16	1.12	21.25
18	FFR	0.750	25.00	18.25	16	1.25	22.75
	AFR	0.750	25.00	18.88	16	1.25	22.75
20	FFR	0.750	27.50	20.25	20	1.25	25.00
	AFR	0.750	27.50	20.88	20	1.25	25.00
24	FFR	1.000	32.00	24.25	20	1.38	29.50
	AFR	1.000	32.00	24.88	20	1.38	29.50
30	FFR	1.000	38.75	30.25	28	1.38	36.00
	AFR	1.000	38.75	30.88	28	1.38	36.00
36	FFR	1.250	46.00	36.25	32	1.62	42.75
	AFR	1.250	46.00	36.88	32	1.62	42.75