



DUCTILE IRON BACK UP FLANGES ASTM A536

	ID	OD	THICKNESS	Bolt Circle	BOLT HOLE DIAMETER	BEVEL B 45	BOLT SIZE	NUMBER OF BOLTS	WEIGHT
1/2	0.09	3.5	0.4375	2.375	0.622	0.1875	0.5	4	0.9391
3/4	1.11	3.875	0.5	2.75	0.622	0.1875	0.5	4	1.4
1	1.38	4.25	0.5	3.125	0.622	0.1875	0.5	4	1.5917
1-1/4	1.72	4.625	0.5	3.5	0.622	0.1875	0.5	4	1.8
1-1/2	1.87	5	0.5	3.875	0.622	0.1875	0.5	4	2.1314
2	2.437	6	0.5	4.75	0.75	0.25	0.625	4	3
2-1/2	2.94	7	0.5	5.5	0.75	0.25	0.625	4	4.13
3	3.563	7.5	0.5	8	0.75	0.25	0.625	4	4
4	4.5629	9	0.5625	7.5	0.75	0.25	0.625	8	6.77
5	5.625	10	0.625	8.5	0.875	0.25	0.75	8	7.27
6	6.75	11	0.625	9.5	0.875	0.25	0.75	8	9.39
8	8.75	13.5	0.625	11.75	0.875	0.3125	0.75	8	11.9
10	10.875	16	0.625	14.25	1	0.3125	0.875	12	16.91
12	12.875	19	0.75	17	1	0.3125	0.875	12	26.41

CHEMICAL COMPOSITION %				
C	Si	Mn	P	S
3.75	2.64	0.27	0.052	0.023



