ANKLE
STEEL MÉXICO

BRIDAS

ACERO AL CARBÓN • INOXIDABLES • ALEACIONES

150 LB. FLANGES

Nom. Pipe Size	O	C②	Weid Neck	Y② Slip On Third	Lap Joint	Bolt Circle	No. and Size of Holes
1/2	3 1/2	7/16	1 7/8	5/8	5/8	2 3/8	4 - 5/8
3/4	3 7/8	1/2	2 1/16	5/8	5/8	2 3/4	4 - 5/8
1	4 1/4	9/16	2 3/16	11/16	11/16	3 1/8	4 - 5/8
1 ¼	4 5/8	5/8	2 1/4	13/16	13/16	3 1/2	4 - 5/8
1 ½	5	1 1/16	2 7/16	7/8	7/8	3 7/8	4 - 5/8
2	6	3/4	2 1/2	1	1	4 3/4	4 - 3/4
2 1/2	7	7/8	2 3/4	1 1/8	1 1/8	5 1/2	4 - 3/4
3	7 1/2	15/16	2 3/4	1 3/16	1 3/16	6	4 - 3/4
3 1/2	8 1/2	15/16	2 13 /16	1 1/4	1 1/4	7	8 - 3/4
4	9	15/16	3	1 5/16	1 5/16	7 1/2	8 - 3/4
5	10	15/16	3 1/2	1 7/16	1 7/16	8 1/2	8 - 7/8
6	11	1	3 1/2	1 9/16	1 9/16	9 1/2	8 - 7/8
8	13 1/2	1 1/8	4	1 3 /4	1 3/4	11 3/4	8 - 7/8
10	16	1 3/16	4	1 15 /16	1 15/16	14 1/4	12 - 1
12	19	1 1/4	4 1/2	2 3/16	2 3/16	17	12 - 1
14	21	1 3/8	5	2 1/4	3 1/8	18 3/4	12 - 1 1/8
16	23 1/2	1 7/16	5	2 1/2	3 7/16	21 1/4	16 - 1 1/8
18	25	1 9/16	5 1/2	2 11/16	3 13/16	22 3/4	16 - 1 1/4
20	27 1/2	1 11/16	5 11/16	2 7/8	4 1/16	25	20 - 1 1/4
24	32	1 7/8	6	3 1/4	4 3/8	29 1/2	20 - 1 3/8
30	38 3/4	2 1/8	5 1/8	3 1/2	..	36	28 - 1 3/8
36	46	2 3/8	5 3/8	3 3/4	..	42 3/4	32 - 1 5/8

300 LB. FLANGES

O	C②	Weid Neck	Y② Slip On Third	Lap Joint	Bolt Circle	No. and Size of Holes
3 3/4	9/16	2 1/16	7/8	7/8	2 5/8	4 - 5/8
4 5/8	5/8	2 1/4	1	1	3 1/4	4 - 3/4
4 7/8	11/16	2 7/16	1 1/16	1 1/16	3 1/2	4 - 3/4
5 1/4	3/4	2 9/16	1 1/16	1 1/16	3 7/8	4 - 3/4
6 1/8	13/16	2 11/16	1 3/16	1 3/16	4 1/2	4 - 7/8
6 1/2	7/8	2 3/4	1 5/16	1 5/16	5	8 - 3/4
7 1/2	1	3	1 1/2	1 1/2	5 7/8	8 - 7/8
8 1/4	1 1/8	3 1/8	1 11/16	1 11/16	6 5/8	8 - 7/8
9	1 3/16	3 3/16	1 3/4	1 3/4	7 1/4	8 - 7/8
10	1 1/4	3 3/8	1 7/8	1 7/8	7 7/8	8 - 7/8
11	1 3/8	3 7/8	2	2	9 1/4	8 - 7/8
12 1/2	1 7/16	3 7/8	2 1/16	2 1/16	10 5/8	12 - 7/8
15	1 5/8	4 3/8	2 7/16	2 7/16	13	12 -1
17 1/2	1 7/8	4 5/8	2 5/8	3 3/4	15 1/4	16 - 1 1/8
20 1/2	2	5 1/8	2 7/8	4	17 3/4	16 - 1 1/4
23	2 1/8	5 5/8	3	4 3/8	20 1/4	20 - 1 1/4
25 1/2	2 1/4	5 3/4	3 1/4	4 3/4	22 1/2	20 - 1 3/8
28	2 3/8	6 1/4	3 1/2	5 1/8	24 3/4	24 - 1 3/8
30 1/2	2 1/2	6 3/8	3 3/4	5 1/2	27	24 - 1 3/8
36	2 3/4	6 5/8	4 3/16	6	32	24 - 1 5/8
43	3 5/8	8 1/4	8 1/4	..	39 1/4	28 - 1 7/8
50	4 1/8	9 1/2	9 1/2	..	46	32 - 2 1/8

400 LB. FLANGES

O	C②	Weid Neck	Y② Slip On Third	Lap Joint	Bolt Circle	No. and Size of Holes	Nom. Pipe Size
3 3/4	9/16	2 1/16	7/8	7/8	2 5/8	4 - 5/8	1/2
4 5/8	5/8	2 1/4	1	1	3 1/4	4 - 3/4	3/4
4 7/8	11/16	2 7/16	1 1/16	1 1/16	3 1/2	4 - 3/4	1
5 1/4	13/16	2 5/8	1 1/8	1 1/8	3 7/8	4 - 3/4	1 1/4
6 1/8	7/8	2 3/4	1 1/4	1 1/4	4 1/2	4 - 7/8	1 1/2
6 1/2	1	2 7/8	1 7/16	1 7/16	5	8 - 3/4	2
7 1/2	1 1/8	3 1/8	1 5/8	1 5/8	5 7/8	8 - 7/8	2 1/2
8 1/4	1 1/4	3 1/4	1 13/16	1 13/16	6 5/8	8 - 7/8	3
9	1 3/8	3 3/8	1 15/16	1 15/16	7 1/4	8 - 1	3 1/2
10	1 3/8	3 1/2	2	2	7 7/8	8 - 1	4
11	1 1/2	4	2 1/8	2 1/8	9 1/4	8 - 1	5
12 1/2	1 5/8	4 1/16	2 1/4	2 1/4	10 5/8	12 - 1	6
15	1 7/8	4 5/8	2 11/16	2 11/16	13	12 - 1 1/8	8
17 1/2	2 1/8	4 7/8	2 7/8	4	15 1/4	16 - 1 1/4	10
20 1/2	2 1/4	5 3/8	3 1/8	4 1/4	17 3/4	16 - 1 3/8	12
23	2 3/8	5 7/8	3 7/16	4 5/8	20 1/4	20 - 1 3/8	14
25 1/2	2 1/2	6	3 11/16	5	22 1/2	20 - 1 1/2	16
28	2 5/8	6 1/2	3 7/8	5 3/8	24 3/4	24 - 1 1/2	18
30 1/2	2 3/4	6 5/8	4	5 3/4	27	24 - 1 5/8	20
36	3	6 7/8	4 1/2	6 1/4	32	24 - 1 7/8	24
43	4	8 5/8	8 5/8	..	39 1/4	28 - 2 1/8	30
50	4 1/2	9 7/8	9 7/8	..	46	32 - 2 1/8	36

600 LB. FLANGES

1/2	3 3/4	9/16	2 1/16	7/8	7/8	2 5/8	4 - 5/8
3/4	4 5/8	5/8	2 1/4	1	1	3 1/4	4 - 3/4
1	4 7/8	11/16	2 7/16	1 1/16	1 1/16	3 1/2	4 - 3/4
1 1/4	5 1/4	13/16	2 5/8	1 1/8	1 1/8	3 7/8	4 - 3/4
1 1/2	6 1/8	7/8	2 3/4	1 1/4	1 1/4	4 1/2	4 - 7/8
2	6 1/2	1	2 7/8	1 7/16	1 7/16	5	8 - 3/4
2 1/2	7 1/2	1 1/8	3 1/8	1 5/8	1 5/8	5 7/8	8- 7/8
3	8 1/4	1 1/4	3 1/4	1 13/16	1 13/16	6 5/8	8 - 7/8
3 1/2	9	1 3/8	3 3/8	1 15/16	1 15/16	7 1/4	8 - 1
4	10 3/4	1 1/2	4	2 1/8	2 1/8	8 1/2	8 - 1
5	13	1 3/4	4 1/2	2 3/8	2 3/8	10 1/2	8 - 1 1/8
6	14	1 7/8	4 5/8	2 5/8	2 5/8	11 1/2	12 - 1 1/8
8	16 1/2	2 3/16	5 1/4	3	3	13 3/4	12 - 1 1/4
10	20	2 1/2	6	3 3/8	4 3/8	17	16 - 1 3/8
12	22	2 5/8	6 1/8	3 5/8	4 5/8	19 1/4	20 - 1 3/8
14	23 3/4	2 3/4	6 1/2	3 11/16	5	20 3/4	20 - 1 1/2
16	27	3	7	4 3/16	5 1/2	23 3/4	20 - 1 5/8
18	29 1/4	3 1/4	7 1/4	4 5/8	6	25 3/4	20 - 1 3/4
20	32	3 1/2	7 1/2	5	6 1/2	28 1/2	24 - 1 3/4
24	37	4	8	5 1/2	7 1/4	33	24 - 2
30	44 1/2	4 1/2	9 3/4	9 3/4	..	40 1/4	28 - 2 1/8
36	51 3/4	4 7/8	11 1/8	11 1/8	..	47	28 - 2 5/8

900 LB. FLANGES

4 3/4	7/8	2 3/8	1 1/4	1 1/4	3 1/4	4 - 7/8
5 1/8	1	2 3/4	1 3/8	1 3/8	3 1/2	4 - 7/8
5 7/8	1 1/8	2 7/8	1 5/8	1 5/8	4	4 - 1
6 1/4	1 1/8	2 7/8	1 5/8	1 5/8	4 3/8	4 - 1
7	1 1/4	3 1/4	1 3/4	1 3/4	4 7/8	4 - 1 1/8
8 1/2	1 1/2	4	2 1/4	2 1/4	6 1/2	8 - 1
9 5/8	1 5/8	4 1/8	2 1/2	2 1/2	7 1/2	8 - 1 1/8
9 1/2	1 1/2	4	2 1/8	2 1/8	7 1/2	8 - 1
..	..	..	..	..	..	..
11 1/2	1 3/4	4 1/2	2 3/4	2 3/4	9 1/4	8 - 1 1/4
13 3/4	2	5	3 1/8	3 1/8	11	8 - 1 3/8
15	2 3/16	5 1/2	3 3/8	3 3/8	12 1/2	12 - 1 1/4
18 1/2	2 1/2	6 3/8	4	4 1/2	15 1/2	12 - 1 1/2
21 1/2	2 3/4	7 1/4	4 1/4	5	18 1/2	16 - 1 1/2
24	3 1/8	7 7/8	4 5/8	5 5/8	21	20 - 1 1/2
25 1/4	3 3/8	8 3/8	5 1/8	6 1/8	22	20 - 1 5/8
27 3/4	3 1/2	8 1/2	5 1/4	6 1/2	24 1/4	20 - 1 3/4
31	4	9	6	7 1/2	27	20 - 2
33 3/4	4 1/4	9 3/4	6 1/4	8 1/4	29 1/2	20 - 2 1/8
41	5 1/2	11 1/2	8	10 1/2	35 1/2	20 - 2 5/8
48 1/2	5 7/8	12 1/4	12 1/4	..	42 3/4	20 - 3 1/8
57 1/2	6 3/4	14 1/4	14 1/4	..	50 3/4	20 - 3 5/8

1500 LB. FLANGES

4 3/4	7/8	2 3/8	1 1/4	1 1/4	3 1/4	4 - 7/8	1/2
5 1/8	1 7/8	2 3/4	1 3/8	1 3/8	3 1/2	4 - 7/8	3/4
5 7/8	1 1/8	2 7/8	1 5/8	1 5/8	4	4 - 1	1
6 1/4	1 1/8	2 7/8	1 5/8	1 5/8	4 3/8	4 - 1	1 1/4
7	1 1/4	3 1/4	1 3/4	1 3/4	4 7/8	4 - 1 1/8	1 1/2
8 1/2	1 1/2	4	2 1/4	2 1/4	6 1/2	8 - 1	2
9 5/8	1 5/8	4 1/8	2 1/2	2 1/2	7 1/2	8 - 1 1/8	2 1/2
10 1/2	1 7/8	4 5/8	2 7/8	2 7/8	8	8 - 1 1/4	3
..	..	..	..	..	..	..	3 1/2
12 1/4	2 1/8	4 7/8	3 9/16	3 9/16	9 1/2	8 - 1 3/8	4
14 3/4	2 7/8	6 1/8	4 1/8	4 1/8	11 1/2	8 - 1 5/8	5
15 1/2	3 1/4	6 3/4	4 11/16	4 11/16	12 1/2	12 - 1 1/2	6
19	3 5/8	8 3/8	5 5/8	5 5/8	15 1/2	12 - 1 3/4	8
23	4 1/4	10	6 1/4	7	19	12 - 2	10
26 1/2	4 7/8	11 1/8	7 1/8	8 5/8	22 1/2	16 - 2 1/8	12
29 1/2	5 1/4	11 3/4	..	9 1/2	25	16 - 2 3/8	14
32 1/2	5 3/4	12 1/4	..	10 1/4	27 3/4	16 - 2 5/8	16
36	6 3/8	12 7/8	..	10 7/8	30 1/2	16 - 2 7/8	18
38 3/4	7	14	..	11 1/2	32 3/4	16 - 3 1/8	20
46	8	16	..	13	39	16 - 3 5/8	24
..	..	..	..	..	..	..	30
..	..	..	..	..	..	..	36

2500 LB. FLANGES

1/2	5 1/4	1 3/16	2 7/8	1 9/16	1 9/16	3 1/2	4 - 7/8
3/4	5 1/2	1 1/4	3 1/8	1 11/16	1 11/16	3 3/4	4 - 7/8
1	6 1/4	1 3/8	3 1/2	1 7/8	1 7/8	4 1/4	4 - 1
1 1/4	7 1/4	1 1/2	3 3/4	2 1/16	2 1/16	5 1/8	4 - 1 1/8
1 1/2	8	1 3/4	4 3/8	2 3/8	2 3/8	5 3/4	4 - 1 1/4
2	9 1/4	2	5	2 3/4	2 3/4	6 3/4	8 - 1 1/8
2 1/2	10 1/2	2 1/4	5 5/8	3 1/6	3 1/6	7 3/4	8 - 1 1/4
3	12	2 5/8	6 5/8	3 5/8	3 5/8	9	8 - 1 3/8
4	14	3	7 1/2	4 1/4	4 1/4	10 3/4	8 - 1 5/8
5	16 1/2	3 5/8	9	5 1/8	5 1/8	12 3/4	8 - 1 7/8
6	19	4 1/4	10 3/4	6	6	14 1/2	8 - 2 1/8
8	21 3/4	5	12 1/2	7	7	17 1/4	12 - 2 1/8
10	26 1/2	6 1/2	16 1/2	9	9	21 1/4	12 - 2 5/8
12	30	7 1/4	18 1/4	10	10	24 5/8	12 - 2 7/8

WELDING NECK FLANGE BORES ① ③

Nom. Pipe Size	Outside Diam.	Light Wal ⑥	Sched. 20	Sched. 30	Std. Wall.	Sched. 40	Sched. 60	Extra Strong	Sched. 80	Sched. 100	Sched. 120	Sched. 140	Sched. 160	Double Extra Strong
1/2	0.840	0.674	...	...	0.622	0.622	...	0.546	0.546	...	...	...	0.464	0.252
3/4	1.050	0.884	...	...	0.824	0.824	...	0.742	0.742	...	...	...	0.612	0.434
1	1.315	1.097	...	...	1.049	1.049	...	0.957	0.957	...	...	...	0.815	0.599
1 1/4	1.660	4.442	...	...	1.380	1.380	...	1.278	1.278	...	...	...	1.160	0.896
1 1/2	1.900	1.682	...	...	1.610	1.610	...	1.500	1.500	...	...	...	1.338	1.100
2	2.375	2.157	...	...	2.067	2.067	...	1.939	1.939	...	...	...	1.687	1.503
2 1/2	2.875	2.635	...	...	2.469	2.469	...	2.323	2.323	...	...	...	2.125	1.771
3	3.500	3.260	...	...	3.068	3.068	...	2.900	2.900	...	...	...	2.624	2.300
3 1/2	4.000	3.760	...	...	3.548	3.548	...	3.364	3.364	...	...	...	...	2.728
4	4.500	4.260	...	...	4.026	4.026	...	3.826	3.826	...	3.624	...	3.438	3.152
5	5.563	5.295	...	...	5.047	5.047	...	4.813	4.813	...	4.563	...	4.313	4.063
6	6.625	6.357	...	...	6.065	6.065	...	5.761	5.761	...	5.501	...	5.187	4.897
8	8.625	8.329	8.125	8.071	7.981	7.981	7.813	7.625	7.625	7.437	7.187	7.001	6.813	6.875
10	10.750	10.420	10.250	10.136	10.020	10.020	9.750	9.750	9.562	9.312	9.062	8.750	8.500	8.750
12	12.750	12.390	12.250	12.090	12.000	11.938	11.626	11.750	11.374	11.062	10.750	10.500	10.126	10.750
14	14.000	13.500	13.376	13.250	13.250	13.124	12.812	13.000	12.500	12.124	11.814	11.500	11.188	...
16	16.000	15.500	15.376	15.250	15.250	15.000	14.688	15.000	14.312	13.938	13.564	13.124	12.612	...
18	18.000	17.500	17.376	17.124	17.250	16.876	16.500	17.000	16.124	15.688	15.250	14.876	14.436	...
20	20.000	19.500	19.250	19.000	19.250	18.812	18.376	19.000	17.938	17.438	17.000	16.500	16.062	...
24	24.000	23.500	23.250	22.876	23.250	22.624	22.062	23.000	21.562	20.938	20.376	19.876	19.312	...
30	30.000	29.376	29.000	28.750	29.250	...	...	29.000	...	...	...	...	...	...
36	36.000	35.376	35.000	34.750	35.250	34.500	...	35.000	...	...	...	...	...	...
42	42.000	...	...	...	41.250	...	...	41.000	...	...	...	...	...	...

NOTES:

1. Always specify bore when ordering.
2. Includes 1/16" raised face in 150 lb. and 300 lb. standars. Does not include 1/4" raised face in 400 lb. and heavier standars.
3. Inside pipe diameters are also provided by this table.
4. Other types, sizes and facings on application.
5. Stoked in cardon steel and a variety of other metals and alloys.
6. Light Wall diameters are identical to stainless steel Schedule 10S in sizes thru 12", and to Schedule 10 in sizes 14" and larger.