

ANSI FLANGE DATA

CLASS 125 CAST IRON FLANGES – ANSI STANDARD B16.1

MATE WITH 150-LB. STEEL FLANGES ANSI STANDARD B16.5

DIMENSIONS IN INCHES

Size	Diameter of Flange	Thickness of Flange	Diameter of Bolt Circle	Bolt Hole Diameter	Number of Bolts	Diameter of Bolts	Length of Bolts
2	6	$\frac{5}{8}$	$4\frac{3}{4}$	$\frac{3}{4}$	4	$\frac{5}{8}$	$2\frac{1}{4}$
$2\frac{1}{2}$	7	$\frac{11}{16}$	$5\frac{1}{2}$	$\frac{3}{4}$	4	$\frac{5}{8}$	$2\frac{1}{2}$
3	$7\frac{1}{2}$	$\frac{3}{4}$	6	$\frac{3}{4}$	4	$\frac{5}{8}$	$2\frac{1}{2}$
$3\frac{1}{2}$	$8\frac{1}{2}$	$\frac{13}{16}$	7	$\frac{3}{4}$	8	$\frac{5}{8}$	$2\frac{3}{4}$
4	9	$\frac{15}{16}$	$7\frac{1}{2}$	$\frac{3}{4}$	8	$\frac{5}{8}$	3
5	10	$\frac{15}{16}$	$8\frac{1}{2}$	$\frac{7}{8}$	8	$\frac{3}{4}$	3
6	11	1	$9\frac{1}{2}$	$\frac{7}{8}$	8	$\frac{3}{4}$	$3\frac{1}{4}$
8	$13\frac{1}{2}$	$1\frac{1}{8}$	$11\frac{3}{4}$	$\frac{7}{8}$	8	$\frac{3}{4}$	$3\frac{1}{2}$
10	16	$\frac{13}{16}$	$14\frac{1}{4}$	1	12	$\frac{7}{8}$	$3\frac{3}{4}$
12	19	$1\frac{1}{4}$	17	1	12	$\frac{7}{8}$	$3\frac{3}{4}$

CLASS 250 CAST IRON FLANGES – ANSI STANDARD B16.1

MATE WITH 300-LB. STEEL FLANGES ANSI STANDARD B16.5

DIMENSIONS IN INCHES

Size	Diameter of Flange	Thickness of Flange	Diameter of Bolt Circle	Bolt Hole Diameter	Number of Bolts	Diameter of Bolts	Length of Bolts
2	6	$\frac{7}{8}$	5	$\frac{3}{4}$	8	$\frac{5}{8}$	$2\frac{3}{4}$
$2\frac{1}{2}$	$7\frac{1}{2}$	1	$5\frac{7}{8}$	$\frac{7}{8}$	8	$\frac{3}{4}$	$2\frac{3}{4}$
3	$8\frac{1}{4}$	$1\frac{1}{8}$	$6\frac{5}{8}$	$\frac{7}{8}$	8	$\frac{3}{4}$	$3\frac{1}{2}$
$3\frac{1}{2}$	9	$\frac{13}{16}$	$7\frac{1}{4}$	$\frac{7}{8}$	8	$\frac{3}{4}$	$3\frac{1}{2}$
4	10	$1\frac{1}{4}$	$7\frac{7}{8}$	$\frac{7}{8}$	8	$\frac{3}{4}$	$3\frac{3}{4}$
5	11	$\frac{13}{8}$	$9\frac{1}{4}$	$\frac{7}{8}$	8	$\frac{3}{4}$	4
6	$12\frac{1}{2}$	$\frac{17}{16}$	$10\frac{9}{8}$	$\frac{7}{8}$	12	$\frac{3}{4}$	4
8	15	$\frac{15}{8}$	13	1	12	$\frac{7}{8}$	$4\frac{1}{2}$
10	$17\frac{1}{2}$	$1\frac{7}{8}$	$15\frac{1}{4}$	$1\frac{1}{8}$	16	1	$5\frac{1}{4}$
12	$20\frac{1}{2}$	2	$17\frac{3}{4}$	$1\frac{1}{4}$	16	$1\frac{1}{8}$	$5\frac{1}{2}$