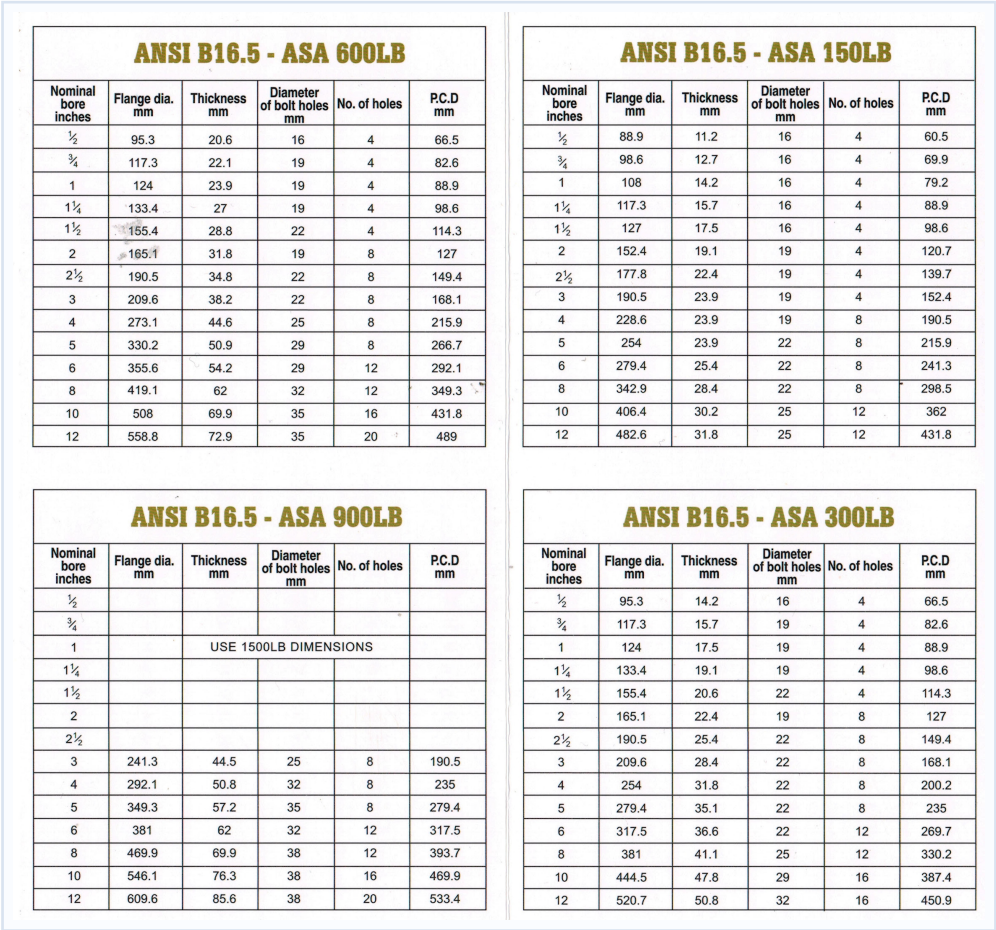
Decoding Flange Size Charts: A Quick Guide

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ANSI B16.5 - ASA 600LB

Nominal bore inches	Flange dia. mm	Thickness mm	Diameter of bolt holes mm	No. of holes	P.C.D mm
½	95.3	20.6	16	4	66.5
¾	117.3	22.1	19	4	82.6
1	124	23.9	19	4	88.9
1¼	133.4	27	19	4	98.6
1½	155.4	28.8	22	4	114.3
2	165.1	31.8	19	8	127
2½	190.5	34.8	22	8	149.4
3	209.6	38.2	22	8	168.1
4	273.1	44.6	25	8	215.9
5	330.2	50.9	29	8	266.7
6	355.6	54.2	29	12	292.1
8	419.1	62	32	12	349.3
10	508	69.9	35	16	431.8
12	558.8	72.9	35	20	489

ANSI B16.5 - ASA 150LB

Nominal bore inches	Flange dia. mm	Thickness mm	Diameter of bolt holes mm	No. of holes	P.C.D mm
½	88.9	11.2	16	4	60.5
¾	98.6	12.7	16	4	69.9
1	108	14.2	16	4	79.2
1¼	117.3	15.7	16	4	88.9
1½	127	17.5	16	4	98.6
2	152.4	19.1	19	4	120.7
2½	177.8	22.4	19	4	139.7
3	190.5	23.9	19	4	152.4
4	228.6	23.9	19	8	190.5
5	254	23.9	22	8	215.9
6	279.4	25.4	22	8	241.3
8	342.9	28.4	22	8	298.5
10	406.4	30.2	25	12	362
12	482.6	31.8	25	12	431.8

ANSI B16.5 - ASA 900LB

Nominal bore inches	Flange dia. mm	Thickness mm	Diameter of bolt holes mm	No. of holes	P.C.D mm
½					
¾					
1		USE 1500LB DIMENSIONS			
1¼					
1½					
2					
2½					
3	241.3	44.5	25	8	190.5
4	292.1	50.8	32	8	235
5	349.3	57.2	35	8	279.4
6	381	62	32	12	317.5
8	469.9	69.9	38	12	393.7
10	546.1	76.3	38	16	469.9
12	609.6	85.6	38	20	533.4

ANSI B16.5 - ASA 300LB

Nominal bore inches	Flange dia. mm	Thickness mm	Diameter of bolt holes mm	No. of holes	P.C.D mm
½	95.3	14.2	16	4	66.5
¾	117.3	15.7	19	4	82.6
1	124	17.5	19	4	88.9
1¼	133.4	19.1	19	4	98.6
1½	155.4	20.6	22	4	114.3
2	165.1	22.4	19	8	127
2½	190.5	25.4	22	8	149.4
3	209.6	28.4	22	8	168.1
4	254	31.8	22	8	200.2
5	279.4	35.1	22	8	235
6	317.5	36.6	22	12	269.7
8	381	41.1	25	12	330.2
10	444.5	47.8	29	16	387.4
12	520.7	50.8	32	16	450.9

Printing & Usage Overview

A flange size chart is a handy tool for anyone working with pipes and fittings, offering a quick visual guide to ensure precision. This guide will provide an overview of what these charts entail and how they can assist in your projects. The charts present flange dimensions and pipe flange sizes, often with nominal pipe size indications, to help you select the right components. While values may vary based on standards and regions, the flange size chart serves as a reliable starting point for your measurements and specifications. Understanding the Flange Size Chart: An Overview The flange size chart is a valuable reference tool for anyone working with pipes and their connections. It provides a quick and clear overview of the various flange dimensions, helping you select the right size and type for your specific needs. This chart is a crucial guide, ensuring accurate installations and avoiding potential

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