

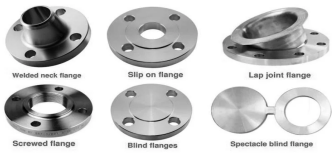


Flange Reference Chart: ANSI, DIN, and JIS Flanges



		Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter	Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter	Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter	Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter	Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter
10	DIN	75	50	4 x 11	90	60	4 x 14	90	60	4 x 14	90	60	4 x 14	90	60	4 x 14
	JIS	75	55	4 x 12	90	65	4 x 15	90	65	4 x 15	90	65	4 x 15	110	75	4 x 19
3/8"	ANSI															
15	DIN	80	55	4 x 11	95	65	4 x 14	95	65	4 x 14	95	65	4 x 14	95	65	4 x 14
	JIS	80	60	4 x 12	95	70	4 x 15	95	70	4 x 15	95	70	4 x 15	115	80	4 x 19
1/2"	ANSI				89	60	4 x 16	95	67	4 x 16	95	67	4 x 16	95	67	4 x 16
20	DIN	90	65	4 x 11	105	75	4 x 14	105	75	4 x 14	105	75	4 x 14	105	75	4 x 14
	JIS	85	65	4 x 12	100	75	4 x 15	100	75	4 x 15	100	75	4 x 15	120	85	4 x 19
3/4"	ANSI				99	70	4 x 16	117	83	4 x 20	117	83	4 x 20	117	82	4 x 19
25	DIN	100	75	4 x 11	115	85	4 x 14	115	85	4 x 14	115	85	4 x 14	115	85	4 x 14
	JIS	95	75	4 x 12	125	90	4 x 19	125	90	4 x 19	125	90	4 x 19	130	95	4 x 19
1"	ANSI	108	80	4 x 16	108	80	4 x 16	124	89	4 x 20	124	89	4 x 20	124	89	4 x 19
32	DIN	120	90	4 x 14	140	100	4 x 18	140	100	4 x 18	140	100	4 x 18	140	100	4 x 18
	JIS	115	90	4 x 15	135	100	4 x 19	135	100	4 x 19	135	100	4 x 19	140	105	4 x 19
1-1/4"	ANSI	118	89	4 x 16	118	89	4 x 16	133	98	4 x 20	133	98	4 x 20	133	98	4 x 19
40	DIN	130	100	4 x 14	150	110	4 x 18	150	110	4 x 18	150	110	4 x 18	150	110	4 x 18
	JIS	120	95	4 x 15	140	105	4 x 19	140	105	4 x 19	140	105	4 x 19	160	120	4 x 23
1-1/2"	ANSI	127	98	4 x 16	127	98	4 x 16	156	114	4 x 23	156	114	4 x 23	156	114	4 x 22
50	DIN	140	110	4 x 14	165	125	4 x 18	165	125	4 x 18	165	125	4 x 18	165	125	4 x 18
	JIS	130	105	4 x 15	155	120	4 x 19	155	120	8 x 19	155	120	8 x 19	165	130	8 x 19
2"	ANSI	152	121	4 x 20	152	121	4 x 19	165	127	8 x 20	165	127	8 x 20	165	127	8 x 19
65	DIN	160	130	4 x 14	185	145	4 x 18	185	145	8 x 18	185	145	8 x 18	185	145	8 x 18
	JIS	155	130	4 x 15	175	140	4 x 19	175	140	8 x 19	175	140	8 x 19	200	160	8 x 23
2-1/2"	ANSI	178	140	4 x 20	178	140	4 x 19	190	149	8 x 23	190	149	8 x 23	190	149	8 x 23
80	DIN	190	150	4 x 18	200	160	8 x 18	200	160	8 x 18	200	160	8 x 18	200	160	8 x 18
	JIS	180	145	4 x 19	185	150	8 x 19	200	160	8 x 23	200	160	8 x 23	210	170	8 x 23
3"	ANSI	190	152	4 x 20	190	152	4 x 19	210	168	8 x 23	210	168	8 x 23	210	168	8 x 23
100	DIN	210	170	4 x 18	220	180	8 x 18	220	180	8 x 18	235	190	8 x 22	235	190	8 x 22
	JIS	200	165	8 x 19	210	175	8 x 19	225	185	8 x 23	225	185	8 x 23	250	205	8 x 25
4"	ANSI	229	190	8 x 20	229	190	8 x 19	254	200	8 x 23	254	200	8 x 23	273	216	8 x 26
125	DIN	240	200	8 x 18	250	210	8 x 18	250	210	8 x 18	270	220	8 x 26	270	220	8 x 26
	JIS	235	200	8 x 19	250	210	8 x 23	270	225	8 x 25	270	225	8 x 25	300	250	8 x 27
5"	ANSI	254	216	8 x 23	254	216	8 x 23	279	235	8 x 23	279	235	8 x 23	330	266	8 x 29
150	DIN	265	225	8 x 18	285	240	8 x 22	285	240	8 x 22	300	250	8 x 26	300	250	8 x 26
	JIS	265	230	8 x 19	280	240	8 x 23	305	260	12 x 25	305	260	12 x 25	355	295	12 x 33
6"	ANSI	279	241	8 x 23	279	241	8 x 23	318	270	12 x 23	318	270	12 x 23	355	292	12 x 29
175	DIN				315	270	8 x 22	315	270	8 x 22	330	280	12 x 26	350	295	12 x 30
	JIS	300	260	8 x 23	305	265	12 x 23									
7"	ANSI															
200	DIN	320	280	8 x 18	340	295	8 x 22	340	295	12 x 22	360	310	12 x 26	375	320	12 x 30
	JIS	320	280	8 x 23	330	290	12 x 23	350	305	12 x 25	350	305	12 x 25	405	345	12 x 33
8"	ANSI	343	298	8 x 23	343	298	8 x 23	381	330	12 x 23	381	330	12 x 23	419	349	12 x 32
Pressure Class		PN6	5K	125 lbs	PN10	10K	150 lbs	PN16	16K	300 lbs	PN25	20K	300 lbs	PN40	40K	600 lbs

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Flange Reference Chart: ANSI, DIN, and JIS Flanges



	Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter	Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter	Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter	Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter	Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter
250	DIN	375	335 12 x 18	395	350 12 x 22	405	355 12 x 26	425	370 12 x 30	450	385 12 x 33		450	385 12 x 33	
	JIS	385	345 12 x 23	400	355 12 x 25	430	380 12 x 27	430	370 12 x 27	475	410 12 x 33		475	410 12 x 33	
10"	ANSI	406	362 12 x 26	406	362 12 x 26	445	387 16 x 32	445	387 16 x 32	508	432 16 x 35		508	432 16 x 35	
300	DIN	440	395 12 x 22	445	400 12 x 22	460	410 12 x 26	485	430 16 x 30	515	450 16 x 33		515	450 16 x 33	
	JIS	430	390 12 x 23	445	400 16 x 25	480	430 16 x 27	480	430 16 x 27	540	470 16 x 39		540	470 16 x 39	
12"	ANSI	482	431 12 x 26	482	431 12 x 26	520	450 16 x 35	520	450 16 x 35	558	489 20 x 35		558	489 20 x 35	
350	DIN	490	445 12 x 22	505	460 16 x 22	520	470 16 x 26	555	490 16 x 33	580	510 16 x 36		580	510 16 x 36	
	JIS	480	435 12 x 25	490	445 16 x 25	540	480 16 x 33	540	480 16 x 33	585	515 16 x 39		585	515 16 x 39	
14"	ANSI	533	476 12 x 29	533	476 12 x 28	584	514 20 x 35	584	514 20 x 35	603	527 20 x 38		603	527 20 x 38	
400	DIN	540	495 16 x 22	565	515 16 x 26	580	525 16 x 30	620	550 16 x 36	660	585 16 x 39		660	585 16 x 39	
	JIS	540	495 16 x 25	560	510 16 x 27	605	540 16 x 33	605	540 16 x 33	645	570 16 x 39		645	570 16 x 39	
16"	ANSI	597	540 16 x 29	597	540 16 x 29	648	571 20 x 38	648	571 20 x 38	685	603 20 x 42		685	603 20 x 42	
450	DIN	595	550 16 x 22	615	565 20 x 26	640	585 20 x 30	670	600 20 x 36	685	610 20 x 39		685	610 20 x 39	
	JIS	605	555 16 x 25	620	565 20 x 27	675	605 20 x 33	675	605 20 x 33						
18"	ANSI			635	578 16 x 32	710	629 24 x 35	710	629 24 x 35	745	654 20 x 45		745	654 20 x 45	
500	DIN	645	600 20 x 22	670	620 20 x 26	715	650 20 x 33	730	660 20 x 36	755	670 20 x 42		755	670 20 x 42	
	JIS	655	605 20 x 25	675	620 20 x 27	730	660 20 x 33	730	660 20 x 33						
20"	ANSI	698	635 20 x 32	698	635 20 x 32	775	685 24 x 38	775	685 24 x 38	812	733 24 x 45		812	733 24 x 45	
550	DIN														
	JIS	720	665 20 x 27	745	680 20 x 33	795	720 20 x 39	795	720 20 x 39						
22"	ANSI			749	692 20 x 35										
600	DIN	755	705 20 x 26	780	725 20 x 30	840	770 20 x 36	845	770 20 x 39	890	795 20 x 48		890	795 20 x 48	
	JIS	770	715 20 x 27	795	730 24 x 33	845	770 24 x 39	845	770 24 x 39						
24"	ANSI			813	749 20 x 35	915	813 24 x 42	915	813 24 x 48	940	838 24 x 51		940	838 24 x 51	
650	DIN														
	JIS	825	770 24 x 27	845	780 24 x 33	895	820 24 x 39	945	850 24 x 48						
26"	ANSI			870	806 24 x 35										
700	DIN	860	810 24 x 26	895	840 24 x 30	910	840 24 x 36	960	875 24 x 42						
	JIS	875	820 24 x 27	905	840 24 x 33	960	875 24 x 42	995	900 24 x 48						
28"	ANSI														
750	DIN														
	JIS	945	880 24 x 33	970	900 24 x 33	1020	935 24 x 42	1080	970 24 x 56						
30"	ANSI			984	914 28 x 35										
800	DIN	975	920 24 x 30	1015	950 24 x 33	1025	950 24 x 39	1085	990 24 x 48						
	JIS	995	930 24 x 33	1020	950 28 x 33	1085	990 24 x 48	1140	1030 24 x 56						
32"	ANSI														
850	DIN														
	JIS	1045	980 24 x 33	1070	1000 28 x 33	1135	1040 24 x 48	1200	1090 24 x 56						
34"	ANSI			1111	1029 32 x 41										
900	DIN	1075	1020 24 x 30	1115	1050 28 x 33	1125	1050 28 x 39	1185	1090 28 x 48						
	JIS	1095	1030 24 x 33	1120	1050 28 x 33	1185	1090 28 x 48	1250	1140 28 x 56						
36"	ANSI			1168	1086 32 x 41										
Pressure Class	PN6	5K	125 lbs	PN10	10K	150 lbs	PN16	16K	300 lbs	PN25	20K	300 lbs	PN40	40K	600 lbs

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		Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter	Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter	Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter	Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter	Flange Diameter	Bolt Circle Diameter	Bolt Holes x Hole Diameter
1000	DIN	1175	1120	28 x 30	1230	1160	28 x 36	1255	1170	28 x 42	1320	1210	28 x 56			
	JIS	1195	1130	28 x 33	1235	1160	28 x 39	1320	1210	28 x 56						
40"	ANSI															
1050	DIN															
	JIS															
42"	ANSI				1346	1257	32 x 41									
1100	DIN															
	JIS	1305	1240	28 x 33	1345	1270	28 x 39	1420	1310	32 x 56						
44"	ANSI															
1200	DIN	1405	1340	32 x 33	1455	1380	32 x 39	1485	1390	32 x 48						
	JIS	1420	1350	32 x 33	1465	1380	32 x 39	1530	1420	32 x 56						
48"	ANSI															
1300	DIN															
	JIS							1645	1530	32 x 62						
52"	ANSI															
1350	DIN															
	JIS	1575	1505	32 x 33	1630	1540	36 x 45	1700	1590	32 x 62						
54"	ANSI															
1400	DIN	1630	1560	36 x 36	1675	1590	36 x 42	1685	1590	36 x 48						
	JIS							1755	1640	36 x 62						
56"	ANSI															
1500	DIN							1865	1750	36 x 62						
	JIS	1730	1660	36 x 33	1795	1700	40 x 45									
60"	ANSI															
1600	DIN	1830	1760	40 x 36	1915	1820	40 x 48	1930	1820	40 x 56						
	JIS															
64"	ANSI															
1800	DIN	2045	1970	44 x 39	2115	2020	44 x 48	2130	2020	44 x 56						
	JIS															
72"	ANSI															
2000	DIN	2265	2180	48 x 42	2325	2230	48 x 48	2345	2230	48 x 62						
	JIS															
80"	ANSI															
Pressure Class		PN6	5K	125 lbs	PN10	10K	150 lbs	PN16	16K	300 lbs	PN25	20K	300 lbs	PN40	40K	600 lbs

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