

FLANGE DRILLING CHART

PIPE NOMINAL BORE		50			65			80			100			125			150			200		
Table	Pressure Rating	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1
SANS 1123	600/3	110	4	14,0	130	4	14,0	150	4	18,0	170	4	18,0	200	8	18,0	225	8	18,0	280	8	18,0
	1000/3	125	4	18,0	145	4	18,0	160	8	18,0	180	8	18,0	210	8	18,0	240	8	22,0	295	8	22,0
	1600/3	125	4	18,0	145	4	18,0	160	8	18,0	180	8	18,0	210	8	18,0	240	8	22,0	295	12	22,0
	2500/3	125	4	18,0	145	8	18,0	160	8	18,0	190	8	22,0	220	8	26,0	250	8	26,0	310	12	26,0
	4000/3	125	4	18,0	145	8	18,0	160	8	18,0	190	8	22,0	220	8	26,0	250	8	26,0	320	12	26,0
BS 4504	6/3	110	4	14,0	130	4	14,0	150	4	18,0	170	4	18,0	200	8	18,0	225	8	18,0	280	8	18,0
	10/3	125	4	18,0	145	4	18,0	160	8	18,0	180	8	18,0	210	8	18,0	240	8	22,0	295	8	22,0
	16/3	125	4	18,0	145	4	18,0	160	8	18,0	180	8	18,0	210	8	18,0	240	8	22,0	295	12	22,0
	25/3	125	4	18,0	145	8	18,0	160	8	18,0	190	8	22,0	220	8	26,0	250	8	26,0	310	12	26,0
	40/3	125	4	18,0	145	8	18,0	160	8	18,0	190	8	22,0	220	8	26,0	250	8	26,0	320	12	30,0
BS EN 1092	6/3	110	4	14,0	130	4	14,0	150	4	18,0	170	4	18,0	200	8	18,0	225	8	18,0	280	8	18,0
	10/3	125	4	18,0	145	4	18,0	160	8	18,0	180	8	18,0	210	8	18,0	240	8	22,0	295	8	22,0
	16/3	125	4	18,0	145	4	18,0	160	8	18,0	180	8	18,0	210	8	18,0	240	8	22,0	295	12	22,0
	25/3	125	4	18,0	145	8	18,0	160	8	18,0	190	8	22,0	220	8	26,0	250	8	26,0	310	12	26,0
	40/3	125	4	18,0	145	8	18,0	160	8	18,0	190	8	22,0	220	8	26,0	250	8	26,0	320	12	30,0
BS 10	T/D	114,3	4	17,5	127	4	17,5	146	4	17,5	177,8	4	17,5	209,6	8	17,5	235	8	17,5	292,1	8	17,5
	T/E	114,3	4	17,5	127	4	17,5	146	4	17,5	177,8	8	17,5	209,6	8	17,5	235	8	22,2	292,1	8	22,2
ANSI B 16,5	150lb	120,6	4	19,0	139,7	4	19,0	152,4	4	19,0	190,5	8	19,0	215,9	8	22,2	241,3	8	22,2	298,4	8	22,2
	300lb	127,0	8	19,0	149,2	8	22,2	168,3	8	22,2	200,0	8	22,2	234,9	8	22,2	269,9	12	22,2	330,2	12	25,4
PIPE NOMINAL BORE		250			300			350			400			450			500			600		
Table	Pressure Rating	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1
SANS 1123	600/3	335	12	18,0	395	12	22,0	445	12	22,0	495	16	22,0	550	16	22,0	600	20	22,0	705	20	26,0
	1000/3	350	12	22,0	400	12	22,0	460	16	22,0	515	16	26,0	565	20	26,0	620	20	26,0	725	20	26,0
	1600/3	355	12	26,0	410	12	26,0	470	16	26,0	525	16	26,0	585	20	26,0	650	20	33,0	770	20	33,0
	2500/3	370	12	26,0	430	16	26,0	490	16	33,0	550	16	33,0	600	20	33,0	660	20	33,0	770	20	39,0
	4000/3	384	12	33,0	450	16	33,0	510	16	33,0	585	16	39,0	610	20	39,0	670	20	39,0	795	20	45,0
BS 4504	6/3	335	12	18,0	395	12	22,0	445	12	22,0	495	16	22,0	550	16	22,0	600	20	22,0	705	20	26,0
	10/3	350	12	22,0	400	12	22,0	460	16	22,0	515	16	26,0	565	20	26,0	620	20	26,0	725	20	30,0
	16/3	355	12	26,0	410	12	26,0	470	16	26,0	525	16	30,0	585	20	30,0	650	20	33,0	770	20	36,0
	25/3	370	12	30,0	430	16	30,0	490	16	33,0	550	16	36,0	600	20	36,0	660	20	36,0	770	20	39,0
	40/3	384	12	33,0	450	16	33,0	510	16	36,0	585	16	39,0	610	20	39,0	670	20	42,0	795	20	48,0
BS EN 1092	6/3	335	12	18,0	395	12	22,0	445	12	22,0	495	16	22,0	550	16	22,0	600	20	22,0	705	20	26,0
	10/3	350	12	22,0	400	12	22,0	460	16	22,0	515	16	26,0	565	20	26,0	620	20	26,0	725	20	30,0
	16/3	355	12	26,0	410	12	26,0	470	16	26,0	525	16	30,0	585	20	30,0	650	20	33,0	770	20	36,0
	25/3	370	12	30,0	430	16	30,0	490	16	33,0	550	16	36,0	600	20	36,0	660	20	36,0	770	20	39,0
	40/3	384	12	33,0	450	16	33,0	510	16	36,0	585	16	39,0	610	20	39,0	670	20	42,0	795	20	48,0
BS 10	T/D	355,6	8	22,2	406,4	12	22,2	469,9	12	25,4	520,7	12	25,4	584,2	12	25,4	641,4	16	25,4	755,7	16	28,6
	T/E	355,6	12	22,2	406,4	12	25,4	469,9	12	25,4	520,7	12	25,4	584,2	16	25,4	641,4	16	25,4	755,7	16	31,8
ANSI B 16,5	150lb	361,9	12	25,4	432	12	25,4	476,2	12	28,6	539,7	16	28,6	577,8	16	31,7	635	20	31,7	749,3	20	34,9
	300lb	387,3	16	28,6	451	16	31,7	514,3	20	31,7	571,5	20	34,9	628,6	24	34,9	685,8	24	34,9	812,8	24	41,3
PIPE NOMINAL BORE		700			800			900			1000			1200								
Table	Pressure Rating	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1	PCD	Number Holes	Hole d1						
SANS 1123	600/3	810	24	26,0	920	24	26,0	1020	24	26,0	1120	28	26,0	1340	32	33,0						
	1000/3	840	24	26,0	950	24	33,0	1050	28	33,0	1160	28	33,0	1380	32	39,0						
	1600/3	840	24	33,0	950	24	39,0	1050	28	39,0	1170	28	39,0	1390	32	45,0						
	2500/3	875	24	39,0	990	24	45,0	1090	28	45,0	1210	28	51,0	1420	32	56,0						
	4000/3	900	24	48,0	1030	24	56,0	1140	28	56,0	1250	28	56,0	1460	32	62,0						
BS 4504	6/3	810	24	26,0	920	24	30,0	1020	24	30,0	1120	28	30,0	1340	32	33,0						
	10/3	840	24	30,0	950	24	33,0	1050	28	33,0	1160	28	36,0	1380	32	39,0						
	16/3	840	24	36,0	950	24	39,0	1050	28	39,0	1170	28	42,0	1390	32	48,0						
	25/3	875	24	42,0	990	24	48,0	1090	28	48,0	1210	28	56,0	1420	32	56,0						
	40/3	900	24	48,0	1030	24	56,0	1140	28	56,0	1250	28	56,0	1460	32	62,0						
BS EN 1092	6/3	810	24	26,0	920	24	30,0	1020	24	30,0	1120	28	30,0	1340	32	33,0						
	10/3	840	24	30,0	950	24	33,0	1050	28	33,0	1160	28	36,0	1380	32	39,0						
	16/3	840	24	36,0	950	24	39,0	1050	28	39,0	1170	28	42,0	1390	32	48,0						
	25/3	875	24	42,0	990	24	48,0	1090	28	48,0	1210	28	56,0	1420	32	56,0						
	40/3	900	24	48,0	1030	24	56,0	1140	28	56,0	1250	28	56,0	1460	32	62,0						

ASME
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Water Regulations Advisory Scheme