



FLANGE DRILLING TABLES

British Standard - BS10

VALVETECH (PTY) LTD • TEL: 27(0)11-908-3368 • FAX: 27(0)11-908-3842 • www.valvetech.co.za

Valve Size		BS 10 Table 'D'					BS 10 Table 'E'				
Inch	mm	No. Of Holes	Hole Dia.	P.C.D.	Flange O.D.	RF Dia.	No. Of Holes	Hole Dia.	P.C.D.	Flange O.D.	RF Dia.
1/2"	15	4	14	67	95		4	14	67	95	
3/4"	20	4	14	73	102		4	14	73	102	
1"	25	4	14	83	114		4	14	83	114	
1 1/4"	32	4	14	87	121		4	14	87	121	
1 1/2"	40	4	14	98	133		4	14	98	133	
2"	50	4	17	114	152		4	17	114	152	
2 1/2"	65	4	17	127	165		4	17	127	165	
3"	80	4	17	146	184		4	17	146	184	
4"	100	4	17	178	216		8	17	178	216	
5"	125	8	17	210	254		8	17	210	254	
6"	150	8	17	235	279		8	22	235	279	
8"	200	8	17	292	337		8	22	292	337	
10"	250	8	22	356	406		12	22	356	406	
12"	300	12	22	406	457		12	25	406	457	
14"	350	12	25	470	527		12	25	470	527	
16"	400	12	25	521	578		12	25	521	578	
18"	450	12	25	584	641		16	25	584	641	
20"	500	16	25	642	705		16	25	642	705	
24"	600	16	29	756	826		16	32	756	826	

Valve Size		BS 10 Table 'F'					BS 10 Table 'H'				
Inch	mm	No. Of Holes	Hole Dia.	P.C.D.	Flange O.D.	RF Dia.	No. Of Holes	Hole Dia.	P.C.D.	Flange O.D.	RF Dia.
1/2"	15	4	14	67	95		4	17	83	114	57
3/4"	20	4	14	73	102		4	17	83	114	57
1"	25	4	17	87	121		4	17	87	121	64
1 1/4"	32	4	17	98	133		4	17	98	133	76
1 1/2"	40	4	17	105	140		4	17	105	140	83
2"	50	4	17	127	165		4	17	127	165	102
2 1/2"	65	8	17	146	184		8	17	146	184	114
3"	80	8	17	165	203		8	17	165	203	127
4"	100	8	17	191	229		8	17	191	229	152
5"	125	8	22	235	279		8	22	235	279	178
6"	150	12	22	260	305		12	22	260	305	210
8"	200	12	22	324	368		12	22	324	368	260
10"	250	12	25	381	432		12	25	381	432	311
12"	300	16	25	438	489		16	25	438	489	362
14"	350	16	29	495	552		16	29	495	552	419
16"	400	20	29	552	610		20	29	552	610	483
18"	450	20	32	610	673		20	32	610	673	533
20"	500	24	32	673	737		24	32	673	737	597
24"	600	24	35	781	851		24	35	781	851	699



FLANGE DRILLING TABLES

British Standard - BS4505

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Valve Size		BS 4504 Table 10					BS 4504 Table 16				
Inch	mm	No. Of Holes	Hole Dia.	P.C.D.	Flange O.D.	RF Dia.	No. Of Holes	Hole Dia.	P.C.D.	Flange O.D.	RF Dia.
1/2"	15	4	14	65	95	45	4	14	65	95	45
3/4"	20	4	14	75	105	58	4	14	75	105	58
1"	25	4	14	85	115	68	4	14	85	115	68
1 1/4"	32	4	18	100	140	78	4	18	100	140	78
1 1/2"	40	4	18	110	150	88	4	18	110	150	88
2"	50	4	18	125	165	102	4	18	125	165	102
2 1/2"	65	4	18	145	185	122	4	18	145	185	122
3"	80	8	18	160	200	138	8	18	160	200	138
4"	100	8	18	180	220	158	8	18	180	220	158
5"	125	8	18	210	250	188	8	18	210	250	188
6"	150	8	22	240	285	212	8	22	240	285	212
8"	200	8	22	295	340	268	12	22	295	340	268
10"	250	12	22	350	395	320	12	26	355	405	320
12"	300	12	22	400	445	370	12	26	410	460	378
14"	350	16	22	460	505	430	16	26	470	520	438
16"	400	16	26	515	565	482	16	30	525	580	490
18"	450	20	26	565	615	532	20	30	585	640	550
20"	500	20	26	620	670	585	20	33	650	715	610
24"	600	20	30	725	780	685	20	36	770	840	725

Valve Size		BS 4504 Table 25					BS 4504 Table 40				
Inch	mm	No. Of Holes	Hole Dia.	P.C.D.	Flange O.D.	RF Dia.	No. Of Holes	Hole Dia.	P.C.D.	Flange O.D.	RF Dia.
1/2"	15	4	14	65	95	45	4	14	65	95	45
3/4"	20	4	14	75	105	58	4	14	75	105	58
1"	25	4	14	85	115	68	4	14	85	115	68
1 1/4"	32	4	18	100	140	78	4	18	100	140	78
1 1/2"	40	4	18	110	150	88	4	18	110	150	88
2"	50	4	18	125	165	102	4	18	125	165	102
2 1/2"	65	8	18	145	185	122	8	18	145	185	122
3"	80	8	18	160	200	138	8	18	160	200	138
4"	100	8	22	190	235	162	8	22	190	235	162
5"	125	8	26	220	270	188	8	26	220	270	188
6"	150	8	26	250	300	218	8	26	250	300	218
8"	200	12	26	310	360	278	12	30	320	375	285
10"	250	12	30	370	425	335	12	33	385	450	345
12"	300	16	30	430	485	395	16	33	450	515	410
14"	350	16	33	490	555	450	16	36	510	580	465
16"	400	16	36	550	620	505	16	39	585	660	535
18"	450	20	36	600	670	555	20	39	610	685	560
20"	500	20	36	660	730	615	20	42	670	755	615
24"	600	20	39	770	845	720	20	48	795	890	735



FLANGE DRILLING TABLES

American National Standards - ANSI

VALVETECH (PTY) LTD • TEL: 27(0)11-908-3368 • FAX: 27(0)11-908-3842 • www.valvetech.co.za

Valve Size		ANSI 150					ANSI 300				
Inch	mm	No. Of Holes	Hole Dia.	P.C.D.	Flange O.D.	RF Dia.	No. Of Holes	Hole Dia.	P.C.D.	Flange O.D.	RF Dia.
1/2"	15	4	16	60	89	35	4	16	67	95	35
3/4"	20	4	16	70	98	43	4	19	83	117	43
1"	25	4	16	79	108	51	4	19	89	124	51
1 1/4"	32	4	16	89	117	64	4	19	98	133	64
1 1/2"	40	4	16	98	127	73	4	22	114	156	73
2"	50	4	19	121	152	92	8	19	127	165	92
2 1/2"	65	4	19	140	178	105	8	22	149	191	105
3"	80	4	19	152	191	127	8	22	168	210	127
4"	100	8	19	191	229	157	8	22	200	254	157
5"	125	8	22	216	254	186	8	22	235	279	186
6"	150	8	22	241	279	216	12	22	270	318	216
8"	200	8	22	298	343	270	12	25	330	381	270
10"	250	12	25	362	406	324	16	29	387	445	324
12"	300	12	25	432	483	381	16	32	451	521	381
14"	350	12	29	476	533	413	20	32	514	584	413
16"	400	16	29	540	597	470	20	35	571	648	470
18"	450	16	32	578	635	533	24	35	629	711	533
20"	500	20	32	635	699	584	24	35	686	775	584
24"	600	20	35	749	813	692	24	41	812	914	692

Valve Size		ANSI 600					ANSI 900/1500				
Inch	mm	No. Of Holes	Hole Dia.	P.C.D.	Flange O.D.	RF Dia.	No. Of Holes	Hole Dia.	P.C.D.	Flange O.D.	RF Dia.
1/2"	15	4	16	67	95	35	4	22	83	121	35
3/4"	20	4	19	83	117	43	4	22	89	130	43
1"	25	4	19	89	124	51	4	25	102	149	51
1 1/4"	32	4	19	98	133	64	4	25	111	159	64
1 1/2"	40	4	22	114	156	73	4	29	124	178	73
2"	50	8	19	127	165	92	8	25	165	216	92
2 1/2"	65	8	22	149	191	105	8	29	191	244	105
3"	80	8	22	168	210	127					
4"	100	8	25	216	273	157					
5"	125	8	29	267	330	186					
6"	150	12	29	292	356	216					
8"	200	12	32	349	419	270					
10"	250	16	35	432	508	324					
12"	300	20	35	489	559	381					
14"	350	20	38	527	603	413					
16"	400	20	41	603	686	470					
18"	450	20	44	654	743	533					
20"	500	24	44	724	813	584					
24"	600	24	51	838	940	692					