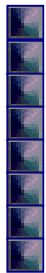




## MITECH FLANGE TABLE GUIDE



Nominal Size - 25mm (1")  
Nominal Size - 32mm (1 1/4")  
Nominal Size - 40mm (1 1/2")  
Nominal Size - 50mm (2")  
Nominal Size - 65mm (2 1/2")  
Nominal Size - 80mm (3")  
Nominal Size - 100mm (4")  
Nominal Size - 125mm (5")



Nominal Size - 150mm (6")  
Nominal Size - 200mm (8")  
Nominal Size - 250mm (10")  
Nominal Size - 300mm (12")  
Nominal Size - 350mm (14")  
Nominal Size - 400mm (16")  
Nominal Size - 450mm (18")  
Nominal Size - 500mm (20")  
Nominal Size - 600mm (24")



# Flange Table

Nominal Size 25mm (1 in)



		Diameter of flange	Bolt circle number	Number of bolts	Diameter of bolts	Diameter of holes	Diameter of raised face	Height of raised face	Thickness of flange		
									Grey cast iron	Copper alloy	Cast and forged steel
BS 4504	PN 6	100	75	4	M10	11	60	2	14	-	-
	PN 10	115	85	4	M12	14	68	2	16	-	-
	PN 16	115	85	4	M12	14	68	2	16	8	18
	PN 25	115	85	4	M12	14	68	2	18	9	18
	PN 40	115	85	4	M12	14	68	2	-	11	18
	PN 64	140	100	4	M16	18	68	2	-	-	24
	PN 100	140	100	4	M16	18	68	2	-	-	24
	PN 160	140	100	4	M16	18	68	2	-	-	24
	PN 250	150	105	4	M20	22	68	2	-	-	28
ANSI	Class 125/150	108	79	4	13	16	51	2	11	10	11
	Class 300	124	89	4	16	19	51	2	-	15	17
	Class 600	124	89	4	16	19	51	6	-	-	17
	Class 900	149	102	4	22	25	51	6	-	-	29
	Class 1500	149	102	4	22	26	51	6	-	-	29
BS 10	Table A	114	83	4	13	14	-	-	13	8	-
	Table D	114	83	4	13	14	-	-	13	8	10
	Table E	114	83	4	13	14	-	-	13	8	10
	Table F	121	87	4	16	17	-	-	13	10	10
	Table H	121	87	4	16	17	64	2	19	11	14
	Table J	121	87	4	16	17	64	2	-	19	19
	Table K	127	95	4	16	17	76	2	-	22	22
	Table R	127	95	4	16	17	76	2	-	-	22
	Table S	140	102	4	19	22	76	2	-	-	25
	Table T	146	108	4	19	22	76	2	-	-	29



# Flange Table

Nominal Size 32mm (1¼ in)



		Diameter of flange	Bolt circle number	Number of bolts	Diameter of bolts	Diameter of holes	Diameter of raised face	Height of raised face	Thickness of flange		
									Grey cast iron	Copper alloy	Cast and forged steel
BS 4504	PN 6	120	90	4	M12	14	70	2	16	-	-
	PN 10	140	100	4	M16	18	78	2	18	-	-
	PN 16	140	100	4	M16	18	78	2	18	8	18
	PN 25	140	100	4	M16	18	78	2	20	9	18
	PN 40	140	100	4	M16	18	78	2	-	11	18
	PN 64	155	110	4	M20	22	78	2	-	-	26
	PN 100	155	110	4	M20	22	78	2	-	-	26
	PN 160	155	110	4	M20	22	78	2	-	-	26
	PN 250	165	120	4	M20	22	78	2	-	-	32
ANSI	Class 125/150	117	89	4	13	16	64	2	13	10	13
	Class 300	133	98	4	16	19	64	2	-	16	19
	Class 600	133	98	4	16	19	64	6	-	-	21
	Class 900	159	111	4	22	25	64	6	-	-	29
	Class 1 500	159	111	4	22	25	64	6	-	-	29
BS 10	Table A	121	87	4	13	14	-	-	16	8	-
	Table D	121	87	4	13	14	-	-	16	8	13
	Table E	121	87	4	13	14	-	-	16	8	13
	Table F	133	98	4	16	17	-	-	16	10	13
	Table H	133	98	4	16	17	76	2	22	11	17
	Table J	133	98	4	16	17	76	2	-	19	19
	Table K	133	98	4	16	17	76	2	-	22	22
	Table R	133	98	4	16	17	76	2	-	-	22
	Table S	146	114	4	19	22	83	2	-	-	29
	Table T	159	121	4	22	25	83	2	-	-	32



# Flange Table

Nominal Size 40mm (1½ in)



		Diameter of flange	Bolt circle number	Number of bolts	Diameter of bolts	Diameter of holes	Diameter of raised face	Height of raised face	Thickness of flange		
									Grey cast iron	Copper alloy	Cast and forged steel
BS 4504	PN 6	130	100	4	M12	14	80	3	16	-	-
	PN 10	150	110	4	M16	18	88	3	18	-	-
	PN 16	150	110	4	M16	18	88	3	18	9	18
	PN 25	150	110	4	M16	18	88	3	20	11	18
	PN 40	150	110	4	M16	18	88	3	-	13	18
	PN 64	170	125	4	M20	22	88	3	-	-	28
	PN 100	170	125	4	M20	22	88	3	-	-	28
	PN 160	170	125	4	M20	22	88	3	-	-	28
	PN 250	185	135	4	M24	26	88	3	-	-	34
ANSI	Class 125/150	127	98	4	13	16	73	-2	14	11	14
	Class 300	156	114	4	19	22	73	-2	-	17	21
	Class 600	156	114	4	19	22	73	-6	-	-	22
	Class 900	178	124	4	25	29	73	-6	-	-	32
	Class 1500	178	124	4	25	29	73	-6	-	-	32
BS 10	Table A	133	98	4	13	14	-	-	16	10	-
	Table D	133	98	4	13	14	-	-	16	10	13
	Table E	133	98	4	13	14	-	-	16	10	13
	Table F	140	105	4	16	17	-	-	16	11	13
	Table H	140	105	4	16	17	83	2	22	13	17
	Table J	140	105	4	16	17	83	2	-	22	22
	Table K	152	105	4	19	22	89	2	-	25	25
	Table R	152	114	4	19	22	89	2	-	-	25
	Table S	159	121	4	19	22	89	2	-	-	29
	Table T	171	133	8	19	22	89	2	-	-	35



# Flange Table

Nominal Size 50mm (2 in)



		Diameter of flange	Bolt circle number	Number of bolts	Diameter of bolts	Diameter of holes	Diameter of raised face	Height of raised face	Thickness of flange		
									Grey cast iron	Copper alloy	Cast and forged steel
BS 4504	PN 6	140	110	4	M12	14	90	3	10	-	-
	PN 10	165	125	4	M16	18	102	3	20	-	-
	PN 16	165	125	4	M16	18	102	3	20	11	20
	PN 25	165	125	4	M16	18	102	3	22	11	20
	PN 40	165	125	4	M16	18	102	3	-	13	20
	PN 64	180	135	4	M20	22	102	3	-	-	26
	PN 100	195	145	4	M24	26	102	3	-	-	30
	PN 160	195	145	4	M24	26	102	3	-	-	30
	PN 250	200	150	8	M24	26	102	3	-	-	38
ANSI	Class 125/150	152	121	4	16	19	92	2	16	13	(16
	Class 300	165	127	8	16	19	92	2	-	19	(22
	Class 600	165	127	8	16	19	92	6	-	-	2
	Class 900	216	165	8	22	25	92	6	-	-	38
	Class 1 500	216	165	8	22	25	92	6	-	-	38
BS 10	Table A	152	114	4	16	17	-	-	16	10	-
	Table D	152	114	4	16	17	-	-	17	10	14
	Table E	152	114	4	16	17	-	-	19	10	14
	Table F	165	127	4	16	17	-	-	19	11	16
	Table H	165	127	4	16	17	102	2	125	13	19
	Table J	165	127	4	19	22	102	2	-	25	25
	Table K	165	127	8	16	17	102	2	-	25	25
	Table R	165	127	8	18	17	102	2	-	-	25
	Table S	171	133	8	19	22	89	2	-	-	32
	Table T	184	146	8	19	22	102	2	-	-	35



# Flange Table

Nominal Size 65mm (2½ in)



		Diameter of flange	Bolt circle number	Number of bolts	Diameter of bolts	Diameter of holes	Diameter of raised face	Height of raised face	Thickness of flange		
									Grey cast iron	Copper alloy	Cast and forged steel
BS 4504	PN 6	160	130	4	M12	14	110	3	16	-	-
	PN 10	185	145	4	M16	18	122	3	20	-	-
	PN 16	185	145	4	M16	18	122	3	20	13	18
	PN 25	185	145	8	M16	18	122	3	24	13	22
	PN 40	185	145	8	M16	18	122	3	-	14	22
	PN 64	205	160	8	M20	22	122	3	-	-	26
	PN 100	220	170	8	M24	26	122	3	-	-	34
	PN 160	220	170	8	M24	26	122	3	-	-	34
	PN 250	230	180	8	M24	26	122	3	-	-	42
ANSI	Class 125/150	178	140	4	16	19	105	2	17	14	17
	Class 300	191	149	8	19	22	105	2	-	21	25
	Class 600	191	149	8	19	22	105	6	-	-	29
	Class 900	244	191	8	25	29	105	6	-	-	41
	Class 1 500	244	191	8	25	29	105	6	-	-	41
BS 10	Table A	165	127	4	16	17	-	-	17	11	-
	Table D	165	127	4	16	17	-	-	17	11	14
	Table E	165	127	4	16	17	-	-	19	11	14
	Table F	184	146	8	16	17	-	-	19	13	16
	Table H	184	146	8	16	17	114	2	25	14	19
	Table J	184	146	8	19	22	114	2	-	25	25
	Table K	184	146	8	19	22	114	2	-	29	29
	Table R	184	146	8	19	22	114	2	-	-	29
	Table S	184	146	8	19	22	102	2	-	-	32
	Table T	203	165	8	22	25	114	2	-	-	41



# Flange Table

Nominal Size 80mm (3 in)



		Diameter of flange	Bolt circle number	Number of bolts	Diameter of bolts	Diameter of holes	Diameter of raised face	Height of raised face	Thickness of flange		
									Grey cast iron	Copper alloy	Cast and forged steel
BS 4504	PN 6	190	150	4	M16	18	128	3	18	-	-
	PN 10	200	160	8	M16	18	138	3	22	-	-
	PN 16	200	160	8	M16	18	138	3	22	13	20
	PN 25	200	160	8	M16	18	138	3	26	14	24
	PN 40	200	160	8	M16	18	138	3	-	16	24
	PN 64	215	170	8	M20	22	138	3	-	-	28
	PN 100	230	180	8	M24	26	138	3	-	-	36
	PN 160	230	180	8	M24	26	138	3	-	-	36
	PN 250	255	200	8	M27	30	138	3	-	-	46
ANSI	Class 125/150	191	152	4	16	19	127	2	19	16	19
	Class 300	210	168	8	19	22	127	2	-	23	29
	Class 600	210	168	8	19	22	127	6	-	-	32
	Class 900	241	190	8	22	25	127	6	-	-	38
	Class 1 500	267	203	8	29	32	127	6	-	-	48
BS 10	Table A	184	146	4	16	17	-	-	17	13	-
	Table D	184	146	4	16	17	-	-	19	13	14
	Table E	184	146	4	16	17	-	-	19	13	14
	Table F	203	165	8	16	17	-	-	19	14	16
	Table H	203	165	8	16	17	127	2	29	16	22
	Table J	203	165	8	19	22	127	2	-	32	32
	Table K	203	165	8	19	22	127	2	-	32	32
	Table R	203	165	8	19	22	127	2	-	-	32
	Table S	203	165	8	22	25	114	2	-	-	35
	Table T	235	191	8	25	29	127	2	-	-	48



# Flange Table

Nominal Size 100mm (4 in)



		Diameter of flange	Bolt circle number	Number of bolts	Diameter of bolts	Diameter of holes	Diameter of raised face	Height of raised face	Thickness of flange		
									Grey cast iron	Copper alloy	Cast and forged steel
BS 4504	PN 6	210	170	4	M16	18	148	3	18	-	-
	PN 10	220	180	8	M16	18	158	3	24	-	-
	PN 16	220	180	8	M16	18	158	3	24	16	20
	PN 25	235	190	8	M20	22	162	3	28	17	24
	PN 40	235	190	8	M20	22	162	3	-	19	24
	PN 64	250	200	8	M24	26	162	3	-	-	30
	PN 100	265	210	8	M27	30	162	3	-	-	40
	PN 160	265	210	8	M27	30	162	3	-	-	40
	PN 250	300	235	8	M30	33	162	3	-	-	54
ANSI	Class 125/150	229	191	8	16	19	157	2	24	17	24
	Class 300	254	200	8	19	22	157	2	-	27	32
	Class 600	273	216	8	22	25	157	6	-	-	38
	Class 900	292	235	8	29	32	157	6	-	-	44
	Class 1 500	311	241	8	32	35	157	6	-	-	54
BS 10	Table A	216	178	4	16	17	-	-	19	16	-
	Table D	216	178	4	16	17	-	-	19	16	17
	Table E	216	178	8	16	17	-	-	22	16	17
	Table F	229	191	8	16	17	-	-	22	17	19
	Table H	229	191	8	16	17	152	2	32	19	25
	Table J	229	191	8	19	22	152	2	-	35	35
	Table K	241	197	8	22	25	152	2	-	35	35
	Table R	241	197	8	22	25	152	2	-	-	35
	Table S	248	203	8	25	29	159	2	-	-	41
	Table T	286	235	8	29	32	159	2	-	-	57





# Flange Table

Nominal Size 125mm (5 in)



		Diameter of flange	Bolt circle number	Number of bolts	Diameter of bolts	Diameter of holes	Diameter of raised face	Height of raised face	Thickness of flange		
									Grey cast iron	Copper alloy	Cast and forged steel
BS 4504	PN 6	240	200	8	M16	18	178	3	20	-	-
	PN 10	250	210	8	M16	18	188	3	26	-	-
	PN 16	250	210	8	M16	18	188	3	26	-	22
	PN 25	270	220	8	M24	26	188	3	30	-	26
	PN 40	270	220	8	M24	26	188	3	-	-	26
	PN 64	295	240	8	M27	30	188	3	-	-	34
	PN 100	315	250	8	M30	33	188	3	-	-	40
	PN 160	315	250	8	M30	33	188	3	-	-	44
	PN 250	340	275	12	M30	33	188	3	-	-	60
ANSI	Class 125/150	254	216	8	19	22	186	2	24	19	24
	Class 300	279	235	8	19	22	186	2	-	29	35
	Class 600	330	267	8	25	29	186	6	-	-	44
	Class 900	349	279	8	32	35	186	6	-	-	51
	Class 1 500	375	292	8	38	41	186	6	-	-	73
BS 10	Table A	254	210	4	16	17	-	-	19	17	-
	Table D	254	210	8	16	17	-	-	21	17	17
	Table E	254	210	8	16	17	-	-	22	17	17
	Table F	279	235	8	19	22	-	-	25	19	22
	Table H	279	236	8	19	22	178	2	35	22	29
	Table J	279	235	8	22	25	178	2	-	38	38
	Table K	279	235	12	22	25	178	2	-	41	41
	Table R	279	235	12	22	25	178	2	-	-	41
	Table S	286	235	12	22	25	19	2	-	-	44
	Table T	324	273	12	29	32	210	2	-	-	67



# Flange Table

Nominal Size 150mm (6 in)



		Diameter of flange	Bolt circle number	Number of bolts	Diameter of bolts	Diameter of holes	Diameter of raised face	Height of raised face	Thickness of flange		
									Grey cast iron	Copper alloy	Cast and forged steel
BS 4504	PN 6	265	225	8	M16	18	202	3	20	-	-
	PN 10	285	240	8	M20	22	212	3	26	-	-
	PN 16	285	240	8	M20	22	212	3	26	-	22
	PN 25	300	250	8	M24	26	218	3	34	-	28
	PN 40	300	250	8	M24	26	218	3	-	-	28
	PN 64	345	280	8	M30	33	218	3	-	-	36
	PN 100	355	290	12	M30	33	218	3	-	-	44
	PN 160	355	290	12	M30	33	218	3	-	-	50
	PN 250	390	320	12	M33	36	218	3	-	-	68
ANSI	Class 125/150	279	241	8	19	22	216	2	25	21	25
	Class 300	318	270	12	19	22	216	2	-	30	37
	Class 600	356	292	12	25	29	216	6	-	-	48
	Class 900	381	318	12	29	32	216	6	-	-	56
	Class 1 500	394	318	12	35	38	216	6	-	-	83
BS 10	Table A	279	235	4	16	17	-	-	21	17	-
	Table D	279	235	8	16	17	-	-	21	17	17
	Table E	279	235	8	19	22	-	-	22	17	17
	Table F	305	260	12	19	22	-	-	25	22	22
	Table H	306	260	12	19	22	210	2	35	25	29
	Table J	305	260	12	22	25	210	2	-	38	38
	Table K	305	260	12	22	25	210	2	-	41	41
	Table R	305	260	12	22	25	210	2	-	-	44
	Table S	324	273	12	25	29	210	2	-	-	51
	Table T	375	318	12	32	35	229	2	-	-	73



# Flange Table

Nominal Size 200mm (8 in)



		Diameter of flange	Bolt circle number	Number of bolts	Diameter of bolts	Diameter of holes	Diameter of raised face	Height of raised face	Thickness of flange		
									Grey cast iron	Copper alloy	Cast and forged steel
BS 4504	PN 6	320	280	8	M16	18	258	3	22	-	-
	PN 10	340	295	8	M20	22	268	3	26	-	-
	PN 16	340	295	12	M20	22	268	3	30	-	24
	PN 25	360	310	12	M24	26	278	3	34	-	30
	PN 40	375	320	12	M27	30	285	3	-	-	34
	PN 64	415	345	12	M33	36	285	3	-	-	42
	PN 100	430	360	12	M33	36	285	3	-	-	52
	PN 160	430	360	12	M33	36	285	3	-	-	60
	PN 250	485	400	12	M39	42	285	3	-	-	82
ANSI	Class 125/150	343	298	8	19	22	270	2	29	24	29
	Class 300	381	330	12	22	25	270	2	-	35	41
	Class 600	419	349	12	29	32	270	6	-	-	56
	Class 900	470	394	12	35	38	270	6	-	-	64
	Class 1 500	483	394	12	41	44	270	6	-	-	92
BS 10	Table A	337	292	8	16	17	-	-	22	19	-
	Table D	337	292	8	16	17	-	-	22	19	19
	Table E	337	292	8	19	22	-	-	25	19	19
	Table F	368	324	12	19	22	-	-	29	25	25
	Table H	368	324	12	19	22	260	2	38	32	32
	Table J	368	324	12	22	25	260	2	-	41	41
	Table K	368	318	12	25	29	260	2	-	48	48
	Table R	368	324	12	25	29	260	2	-	-	51
	Table S	413	356	12	32	35	273	2	-	-	64
	Table T	476	406	12	38	41	298	2	-	-	89



# Flange Table

Nominal Size 250mm (10 in)



		Diameter of flange	Bolt circle number	Number of bolts	Diameter of bolts	Diameter of holes	Diameter of raised face	Height of raised face	Thickness of flange		
									Grey cast iron	Copper alloy	Cast and forged steel
BS 4504	PN 6	375	335	12	M16	18	312	3	24	-	-
	PN 10	395	350	12	M20	22	320	3	28	-	-
	PN 16	404	355	12	M24	26	320	3	32	-	26
	PN 25	426	370	12	M27	30	335	3	36	-	32
	PN 40	450	385	12	M30	33	345	3	-	-	38
	PN 64	470	400	12	M33	36	345	3	-	-	24
	PN 100	505	430	12	M36	39	345	3	-	-	60
	PN 160	515	430	12	M39	42	345	3	-	-	68
	PN 250	585	490	12	M45	48	345	3	-	-	100
ANSI	Class 125/150	406	362	12	22	25	324	2	30	25	30
	Class 300	445	387	16	25	29	324	2	-	-	41
	Class 600	508	432	16	32	35	324	6	-	-	64
	Class 900	546	470	16	35	38	324	6	-	-	70
	Class 1 500	584	483	12	41	51	324	6	-	-	108
BS 10	Table A	406	358	8	19	22	-	-	24	19	-
	Table D	406	356	8	19	22	-	-	25	19	19
	Table E	406	356	12	19	22	-	-	25	22	22
	Table F	432	381	12	22	25	-	-	29	25	25
	Table H	432	381	12	22	25	311	2	41	35	35
	Table J	432	381	12	25	29	311	2	-	-	48
	Table K	432	381	16	25	29	311	2	-	-	51
	Table R	432	387	16	25	29	311	2	-	-	57
	Table S	483	425	16	32	35	330	2	-	-	73
	Table T	559	489	16	38	41	356	2	-	-	108



# Flange Table

Nominal Size 300mm (12 in)



		Diameter of flange	Bolt circle number	Number of bolts	Diameter of bolts	Diameter of holes	Diameter of raised face	Height of raised face	Thickness of flange		
									Grey cast iron	Copper alloy	Cast and forged steel
BS 4504	PN 6	440	395	12	M20	22	365	4	24	-	-
	PN 10	445	400	12	M20	22	370	4	28	-	-
	PN 16	460	410	12	M24	26	378	4	32		28
	PN 25	485	430	16	M27	30	395	4	40		34
	PN 40	515	450	16	M30	33	410	4	-		42
	PN 64	530	460	16	M33	36	410	4		-	52
	PN 100	585	500	16	M39	42	410	4	-	-	68
	PN 160	585	500	16	M39	42	410	4	-	-	78
	PN 250	690	590	16	M48	52	410	4	-	-	120
ANSI	Class 125/150	483	432	12	22	25	381	2	32	27	32
	Class 300	521	451	16	29	32	381	2	-	-	51
	Class 600	559	489	20	32	35	381	6	-	-	67
	Class 900	610	533	20	35	38	381	6	-	-	80
	Class 1 500	673	572	16	51	54	381	6	-	-	124
BS 10	Table A	457	406	8	19	22	-	-	24	22	-
	Table D	457	406	12	19	22	-	-	25	22	22
	Table E	457	406	12	22	25	-	-	29	25	25
	Table F	489	438	16	22	25	-	-	32	29	29
	Table H	489	438	16	22	25	362	2	44	38	38
	Table J	489	438	16	25	29	362	2	-		51
	Table K	489	432	16	29	32	362	2	-	57	22
	Table R	508	457	16	29	32	362	2	-	-	64
	Table S	578	508	16	38	41	381	2	-	-	83
	Table T	654	572	16	44	48	413	2	-	-	121











