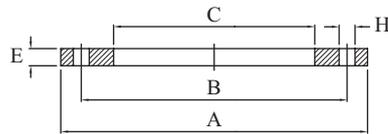


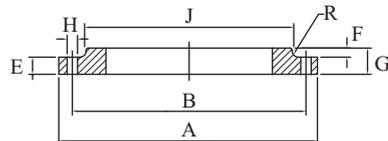
AS 2129 Slip on plate flanges Table D Dimension

Plate Steel Flange AS2129 (Table D - Slip On)									
	IMPERIAL SIZE	A	B	C	E	H	BOLT SIZE	NUMBER OF HOLES	APPROX. KG/PC
	4	216	178	116	12	18	M16	4	2.3
	5	254	210	144	13	18	M16	8	3.5
	6 1/2	279	235	167	13	18	M16	8	3.7
	6 5/8	279	235	170	13	18	M16	8	3.7
	8	337	292	221	13	18	M16	8	4.8
	10	406	356	275	16	22	M20	8	8.3
	12	457	406	327	19	22	M20	12	11.0
	14	525	470	359	22	26	M24	12	18.8
	16	580	521	410	22	26	M24	12	21.7
	18	640	584	461	25	26	M24	12	29
	20	705	641	513	29	26	M24	16	39.9
	24	825	756	615	32	30	M27	16	57



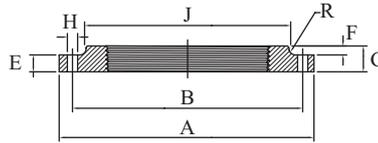
Slip on Flange (Table D)

Forged Steel Plate Flange BS 10 (Table D - Slip On)												
	IMPERIAL SIZE	A	B	J	E	F	G	H	BOLT SIZE	NUMBER OF HOLES	RADIUS OF BOSS	APPROX. KG/PC
	4	215.9	177.8	139.7	9.5	19.0	28.5	18	M16	4	9.5	2.6



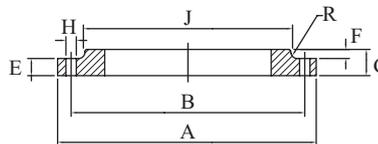
Galvanised Screwed Flange (Table D)

Forged Steel Plate Flange BS 10 (Table D - Screwed Gal)												
	SIZE IMPERIAL	A	B	J	E	F	G	H	BOLT SIZE	NUMBER HOLES	RADIUS OF BOSS	APPROX. KG/PC
	4	215.9	177.8	139.7	9.5	19.0	28.5	18	M16	4	9.5	2.6
	6	279.4	234.9	196.8	12.7	19.0	31.7	18	M16	8	9.5	4.8



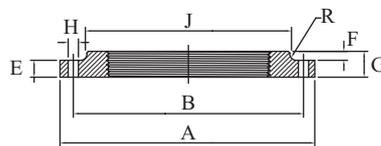
Slip On Flange (Table E)

Forged Steel Plate Flange BS 10 (Table E - Slip On)												
	IMPERIAL SIZE	A	B	J	E	F	G	H	BOLT SIZE	NUMBER OF HOLES	RADIUS OF BOSS	APPROX. KG/PC
	3/4	101.6	73.0	44.5	6.3	11.1	17.4	14	M12	4	6.3	0.5
	1	114.3	82.6	52.4	7.1	11.1	18.2	14	M12	4	6.3	0.7
	1 1/4	120.7	87.3	57.0	7.9	11.1	19.0	14	M12	4	6.3	0.7
	1 1/2	133.3	98.4	69.9	8.7	12.7	21.4	14	M12	4	6.3	1.0
	2	152.4	114.3	79.4	9.5	12.7	22.2	18	M16	4	6.3	1.3
	2 1/2	165.1	127.0	92.9	10.3	15.9	26.2	18	M16	4	6.3	1.5
	3	184.1	146.0	106.4	11.1	15.9	27.0	18	M16	4	6.3	2.1
	4	215.9	177.8	139.7	13.7	19.0	32.7	18	M16	8	9.5	3.3
	6	279.4	235.0	190.5	17.5	19.0	36.5	22	M20	8	9.5	6.0
	8	337	292	241.3	21	22.21	43.21	22	M20	8	9.5	7.8
	10	406	356	298.5	24	26	50	22	M20	12	9.5	14.6



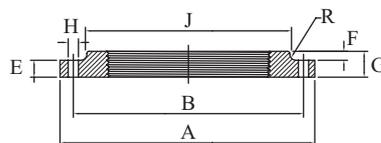
Screwed Flange (Table E)

Forged Steel Plate Flange BS 10 (Table E - Screwed)												
IMPERIAL SIZE	A	B	J	E	F	G	H	BOLT SIZE	NUMBER OF HOLES	RADIUS OF BOSS	APPROX. KG/PC	
1/2	95.3	66.7	38.1	6.3	9.5	15.8	14	M12	4	6.3	0.4	
3/4	101.6	73.0	44.5	6.3	11.1	17.4	14	M12	4	6.3	0.5	
1	114.3	82.6	52.4	7.1	11.1	18.2	14	M12	4	6.3	0.7	
1 1/4	120.7	87.3	57.0	7.9	11.1	19.0	14	M12	4	6.3	0.7	
1 1/2	133.3	98.4	69.9	8.7	12.7	21.4	14	M12	4	6.3	1.0	
2	152.4	114.3	79.4	9.5	12.7	22.2	18	M16	4	6.3	1.3	
2 1/2	165.1	127.0	92.9	10.3	15.9	26.2	18	M16	4	6.3	1.5	
3	184.1	146.0	111.9	11.1	15.9	27.0	18	M16	4	6.3	2.1	
4	215.9	177.8	139.7	13.7	19.0	32.7	18	M16	8	9.5	3.3	



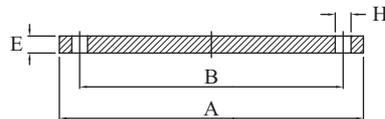
Galvanised Screwed Flange (Table E)

Forged Steel Plate Flange BS 10 (Table E - Screwed Gal)												
IMPERIAL SIZE	A	B	J	E	F	G	H	BOLT SIZE	NUMBER OF HOLES	RADIUS OF BOSS	APPROX. KG/PC	
1/2	95.3	66.7	38.1	6.3	9.5	15.8	14	M12	4	6.3	0.34	
3/4	101.6	73.0	44.5	6.3	11.1	17.4	14	M12	4	6.3	0.45	
1	114.3	82.6	52.4	7.1	11.1	18.2	14	M12	4	6.3	0.57	
1 1/4	120.7	87.3	57.0	7.9	11.1	19.0	14	M12	4	6.3	0.79	
1 1/2	133.3	98.4	69.9	8.7	12.7	21.4	14	M12	4	6.3	1.02	
2	152.4	114.3	79.4	9.5	12.7	22.2	18	M16	4	6.3	1.36	
2 1/2	165.1	127.0	92.9	10.3	15.9	26.2	18	M16	4	6.3	1.7	
3	184.1	146.0	111.9	11.1	15.9	27.0	18	M16	4	6.3	2.27	
4	215.9	177.8	139.7	13.7	19.0	32.7	18	M16	8	9.5	3.18	



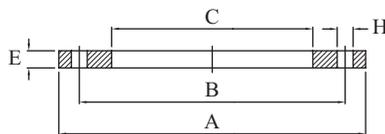
Blind Plate Flange (Table E)

Plate Steel Flange AS2129 (Table E - Blind)								
	IMPERIAL SIZE	A	B	E	H	BOLT SIZE	NUMBER OF HOLES	APPROX. KG/PC
	1/2	95	67	12	14	M12	4	0.64
	3/4	102	73	12	14	M12	4	0.7
	1	114	83	12	14	M12	4	0.94
	1 1/4	121	87	12	14	M12	4	0.95
	1 1/2	133	98	12	14	M12	4	1.38
	2	152	114	12	18	M16	4	1.69
	2 1/2	165	127	12	18	M16	4	1.82
	3	184	146	12	18	M16	4	2.41
	4	216	178	13	18	M16	8	3.72
	5	254	210	14	18	M16	8	5.32
	6	279	235	17	22	M20	8	8.25
	8	337	292	19	22	M20	8	12.91
	10	406	356	22	22	M20	12	22.85
	12	457	406	25	26	M24	12	31.2
	14	525	470	29	26	M24	12	48.54
	16	580	521	32	26	M24	12	65.5
	18	640	584	35	26	M24	16	87
	20	705	641	38	26	M24	16	114.75
	24	825	756	48	33	M30	16	192.5



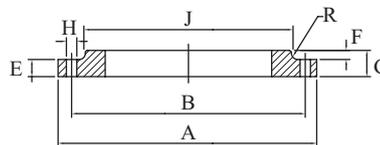
Slip on Plate Flange (Table E)

Slip On Plate Steel Flange AS2129 (Table E)								
IMPERIAL SIZE	A	B	C	E	H	BOLT SIZE	NUMBER OF HOLES	APPROX. KG/PC
1/2	95	67	23	12	14	M12	4	0.6
3/4	102	73	29	12	14	M12	4	0.6
1	114	83	35	12	14	M12	4	0.8
1 1/4	121	87	44	12	14	M12	4	0.9
1 1/2	133	98	50	12	14	M12	4	1.1
2	152	114	62	12	18	M16	4	1.3
2 1/2	165	127	78	12	18	M16	4	1.5
3	184	146	90	12	18	M16	4	1.8
4	216	178	117	13	18	M16	8	2.4
5	254	210	144	14	18	M16	8	3.6
6 1/2	279	235	167	17	22	M20	8	4.8
6 5/8	279	235	170	17	22	M20	8	4.7
8	337	292	221	19	22	M20	8	7.0
10	406	356	275	22	22	M20	12	11.1
12	457	406	327	25	26	M24	12	14.2
14	525	470	359	29	26	M24	12	24.8
16	580	521	410	32	26	M24	12	31.5
18	640	584	461	35	26	M24	16	40.1
20	705	641	513	38	26	M24	16	52.3
24	825	756	615	48	33	M30	16	85.4



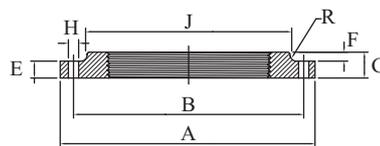
Slip On Flange (Table H)

Forged Steel Plate Flange BS 10 (Table H - Slip On)												
	SIZE IMPERIAL	A	B	J	E	F	G	H	BOLT SIZE	NUMBER OF HOLES	RADIUS OF BOSS	APPROX. KG/PC
	1/2	114.3	82.6	47.6	12.7	9.5	22.2	18	M16	4	6.3	1.0
	3/4	114.3	82.6	47.6	12.7	11.1	23.8	18	M16	4	6.3	1.0
	1	120.7	87.3	52.4	14.3	11.1	25.4	18	M16	4	6.3	1.2
	1 1/4	133.4	98.4	63.5	17.5	11.1	28.6	18	M16	4	6.3	1.8
	1 1/2	139.7	104.8	69.9	17.5	12.7	30.2	18	M16	4	6.3	1.9
	2	165.1	127.0	92.9	19.0	12.7	31.7	18	M16	4	6.3	3.0
	2 1/2	184.1	146.0	111.9	19.0	15.9	34.9	18	M16	8	6.3	3.7
	3	205.0	165.1	130.2	22.2	15.9	38.1	18	M16	8	6.3	5.1
	4	228.6	190.5	152.4	25.4	19.0	44.4	18	M16	8	9.5	6.9
	6	304.8	260.3	215.9	28.6	19.0	47.6	22	M20	12	9.5	12.5



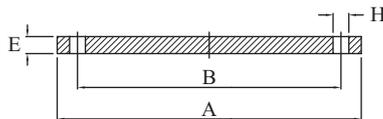
Screwed Flange (Table H)

Forged Steel Plate Flange BS 10 (Table H - Screwed)												
	IMPERIAL SIZE	A	B	J	E	F	G	H	BOLT SIZE	NUMBER OF HOLES	RADIUS OF BOSS	APPROX. KG/PC
	3/4	114.3	82.6	47.6	12.7	11.1	23.8	18	M16	4	6.3	1.1
	1	120.7	87.3	52.4	14.3	11.1	25.4	18	M16	4	6.3	1.2
	1 1/4	133.4	98.4	63.5	17.5	11.1	28.6	18	M16	4	6.3	1.8
	1 1/2	139.7	104.8	69.9	17.5	12.7	30.2	18	M16	4	6.3	1.9
	2	165.1	127.0	92.9	19.0	12.7	31.7	18	M16	4	6.3	3.0
	2 1/2	184.1	146.0	111.9	19.0	15.9	34.9	18	M16	8	6.3	3.7
	3	203.2	165.1	130.2	22.2	15.9	38.1	18	M16	8	6.3	5.1



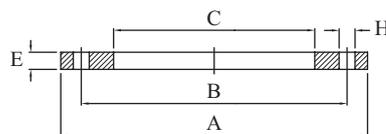
Blind Plate Flange (Table H)

Plate Steel Flange AS2129 (Table H - Blind)								
	IMPERIAL SIZE	A	B	E	H	BOLT SIZE	NUMBER OF HOLES	APPROX. KG/PC
	2	165	127	19	18	M16	4	3.07
	2 1/2	184	146	19	18	M16	8	3.87
	3	205	165	22	18	M16	8	5.41
	4	229	191	25	18	M16	8	8.07
	6	305	260	29	22	M20	12	



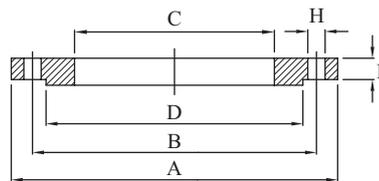
Slip on Plate Flange (Table H)

Slip on Plate Flange AS2129 (Table H)									
	IMPERIAL SIZE	A	B	C	E	H	BOLT SIZE	NUMBER OF HOLES	APPROX. KG/PC
	1/2	114	83	22	13	18	M16	4	0.9
	3/4	114	83	29	13	18	M16	4	0.9
	1	121	87	35	14	18	M16	4	1.0
	1 1/4	133	98	44	17	18	M16	4	1.6
	1 1/2	140	105	50	17	18	M16	4	1.7
	2	165	127	62	19	18	M16	4	2.6
	2 1/2	184	146	78	19	18	M16	8	3.1
	3	205	165	91	22	18	M16	8	4.2
	4	229	191	115	25	18	M16	8	5.7
	5	279	235	143	29	22	M20	8	9.6
	6 1/2	305	260	167	29	22	M20	12	10.5
	6 5/8	305	260	170	29	22	M20	12	10.4
	8	368	324	221	32	26	M24	12	16.2
	10	432	381	275	35	26	M24	16	21.7
	12	489	438	327	41	30	M27	16	30.9



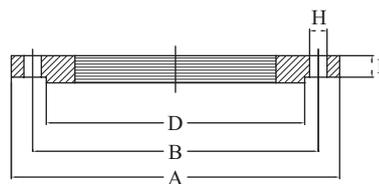
DIN PN16 Slip On Plate Flanges

BS 4504 PN16 Slip On										
IMPERIAL SIZE	A	B	C	D	F	H	BOLT SIZE	RAISED FACE THICK.	NUMBER HOLES	APPROX. KG/PC
1/2	95	65	22	49	14	14	M12	3	4	0.6
3/4	105	75	29	59	15	14	M12	3	4	0.9
1	115	85	35	69	15	14	M12	3	4	1.0
1 1/4	140	100	42.3	80	15	18	M16	3	4	1.7
1 1/2	150	110	50	88	16	18	M16	3	4	1.8
2	165	125	62	102	20	18	M16	3	4	2.4
2 1/2	185	145	78	122	20	18	M16	3	4	3.0
3	200	160	91	138	20	18	M16	3	8	3.3
4	220	180	116	158	22	18	M16	3	8	4.0
5	250	210	144	188	22	18	M16	3	8	4.9
6 5/8	285	240	170	212	24	22	M20	3	8	6.6
6 1/2	285	240	167	212	24	22	M20	3	8	6.5
8	340	295	221	268	26	22	M20	3	12	9.0



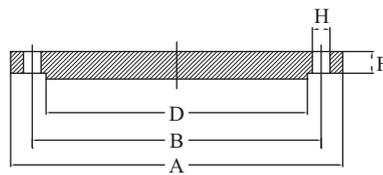
DIN PN16 Flange Screwed BSP Thread

BS 4504 PN16 Slip Screwed BSP										
IMPERIAL SIZE	A	B	D	F	H	BOLT SIZE	RAISED FACE THICK.	NUMBER HOLES	APPROX. KG/PC	
1	115	85	69	15	14	M12	3	4	1.0	
1 1/2	150	110	88	16	18	M16	3	4	1.8	
2	165	125	102	20	18	M16	3	4	2.4	
3	200	160	138	20	18	M16	3	8	3.3	



DIN PN16 Blind Plate Flange

BS 4504 PN16 Blind										
	IMPERIAL SIZE	A	B	D	F	H	BOLT SIZE	RAISED FACE THICK.	NUMBER HOLES	APPROX. KG/PC
	2	165	125	102	20	18	M16	3	4	2.6
	2 1/2	185	145	122	20	18	M16	3	4	3.3
	3	200	160	138	20	18	M16	3	8	4.3
	4	220	180	158	22	18	M16	3	8	5.3
	5	250	210	188	22	18	M16	3	8	7.7
	6 1/2	285	240	212	24	22	M20	3	8	9.8
	8	340	295	268	26	22	M20	3	12	15.5

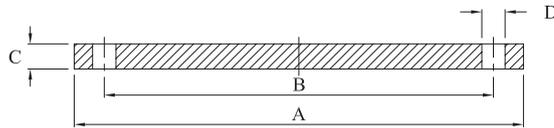


4087 Steel Flanges

Classification and Allowable Pressures			
	ALLOWABLE OPERATING PRESSURE kPa	MAXIMUM OPERATING PRESSURE kPa	ALLOWABLE SITE TEST PRESSURE kPa
	1600	1920	2000
	2100	2520	2625
	3500	4200	4375

4087 PN16 Blind Flat Faced Flange

4087 PN16 Blind Flat Faced Flange							
IMPERIAL SIZE	A	B	C	D	BOLT SIZE	NUMBER HOLES	APPROX. KG/PC
3	185	146	11	18	M16	4	2.23
4	215	178	13	18	M16	4	3.05
6	280	235	13	18	M16	8	7.01
8	335	292	19	18	M16	8	12.84
10	405	356	19	22	M20	8	18.76
12	455	406	23	22	M20	12	28.53
15	550	495	30	26	M24	12	-
16	580	521	30	26	M24	12	54.45
18	640	584	30	26	M24	12	74.26
20	705	641	38	26	M24	16	113.90
24	825	756	48	30	M27	16	197.15



4087 PN21 Blind Flat Faced Flange

4087 PN21 Blind Flat Faced Flange							
IMPERIAL SIZE	A	B	C	D	BOLT SIZE	NUMBER HOLES	APPROX. KG/PC
4	230	191	19	18	M16	8	5.89
6	305	260	24	22	M20	12	12.90
8	370	324	24	22	M20	12	19.40
10	430	381	30	26	M24	12	32.70
12	490	438	38	26	M24	16	42.41
16	610	552	38	30	M27	20	82.96
18	675	610	38	33	M30	20	101.64
20	735	673	48	33	M30	24	152.13
24	850	781	58	36	M33	24	247.22
30	1015	940	58	36	M33	28	355.40
36	1185	1105	68	39	M36	32	568.27
48	1530	1441	88	42	M39	40	1231.70

