

## API 6D FACE TO FACE DIMENSION ( Short & Long Pattern)



150#		Full bore and Reduce bore			Short Pattern, full-bore and reduced-bore		
DN (mm)	NPS (Inches)	Raised Face A	Welding End B	Ring Joint C	Raised Face A	Welding End B	Ring Joint C
PN 20 (Class 150)							
50	2	178	216	191	-	-	-
65	2 1/2	191	241	203	-	-	-
80	3	203	283	216	-	-	-
100	4	229	305	241	-	-	-
150	6	394	457	406	267	403	279
200	8	457	521	470	292	419	305
250	10	533	559	546	330	457	343
300	12	610	635	622	356	502	368
350	14	686	762	699	-	-	-
400	16	762	838	775	-	-	-
450	18	864	914	876	-	-	-
500	20	914	991	927	-	-	-
550	22	-	-	-	-	-	-
600	24	1067	1143	1080	-	-	-
650	26	1143	1245	-	-	-	-
700	28	1245	1346	-	-	-	-
750	30	1295	1397	-	-	-	-
800	32	1372	1524	-	-	-	-
850	34	1473	1626	-	-	-	-
900	36	1524	1727	-	-	-	-
950	38	-	-	-	-	-	-
1000	40	-	-	-	-	-	-
1100	42	-	-	-	-	-	-
1200	48	-	-	-	-	-	-
1400	54	-	-	-	-	-	-
1500	60	-	-	-	-	-	-

300#		Full bore and Reduce bore			Short Pattern, full-bore and reduced-bore		
DN (mm)	NPS (Inches)	Raised Face A	Welding End B	Ring Joint C	Raised Face A	Welding End B	Ring Joint C
PN 50 (CLASS 300)							
50	2	216	216	232	-	-	-
65	2 1/2	241	241	257	-	-	-
80	3	283	283	298	-	-	-
100	4	305	305	321	-	-	-
150	6	403	403	419	-	-	-
200	8	502	521	518	419	419	435
250	10	568	559	584	457	457	473
300	12	648	635	664	502	502	518
350	14	762	762	778	-	-	-
400	16	838	838	854	-	-	-
450	18	914	914	930	-	-	-
500	20	991	991	1010	-	-	-
550	22	1092	1092	1114	-	-	-
600	24	1143	1143	1165	-	-	-
650	26	1245	1245	1270	-	-	-
700	28	1346	1346	1372	-	-	-
750	30	1397	1397	1422	-	-	-
800	32	1524	1524	1553	-	-	-
850	34	1626	1626	1654	-	-	-
900	36	1727	1727	1756	-	-	-
950	38	-	-	-	-	-	-
1000	40	-	-	-	-	-	-
1100	42	-	-	-	-	-	-
1200	48	-	-	-	-	-	-
1400	54	-	-	-	-	-	-
1500	60	-	-	-	-	-	-

600#		Full bore		
DN (mm)	NPS (Inches)	Raised Face A	Welding End B	Ring Joint C
PN 100 (Class 600)				
50	2	292	292	295
65	2 1/2	330	330	333
80	3	356	356	359
100	4	432	432	435
150	6	559	559	562
200	8	660	660	664
250	10	787	787	791
300	12	838	838	841
350	14	889	889	892
400	16	991	991	994
450	18	1092	1092	1095
500	20	1194	1194	1200
550	22	1295	1295	1305
600	24	1397	1397	1407
650	26	1448	1448	1461
700	28	1549	1549	1562
750	30	1651	1651	1664
800	32	1778	1778	1794
850	34	1930	1930	1946
900	36	2083	2083	2099
950	38	-	-	-
1000	40	-	-	-
1100	42	-	-	-
1200	48	-	-	-

900#		Full bore		
DN (mm)	NPS (Inches)	Raised Face A	Welding End B	Ring Joint C
PN 150 (Class 900)				
50	2	368	368	371
65	2 1/2	419	419	422
80	3	381	381	384
100	4	457	457	460
150	6	610	610	613
200	8	737	737	740
250	10	838	838	841
300	12	965	965	958
350	14	1029	1029	1038
400	16	1130	1130	1140
450	18	1219	1219	1232
500	20	1321	1321	1334
550	22	-	-	-
600	24	1549	1549	1568
650	26	-	-	-
700	28	-	-	-
750	30	-	-	-
800	32	-	-	-
850	34	-	-	-
900	36	-	-	-

1500#		Full bore		
DN (mm)	NPS (Inches)	Raised Face A	Welding End B	Ring Joint C
PN 250 (Class 1500)				
50	2	368	368	371
65	2 1/2	419	419	422
80	3	470	470	473
100	4	546	546	549
150	6	705	705	711
200	8	832	832	841
250	10	991	991	1000
300	12	1130	1130	1146
350	14	1257	1257	1276
400	16	1384	1384	1407
PN 420 (CLASS 2500)				
50	2	451	451	454
65	2 1/2	508	508	540
80	3	578	578	584
100	4	673	673	683
150	6	914	914	927
200	8	1022	1022	1038
250	10	1270	1270	1292
300	12	1422	1422	1445

