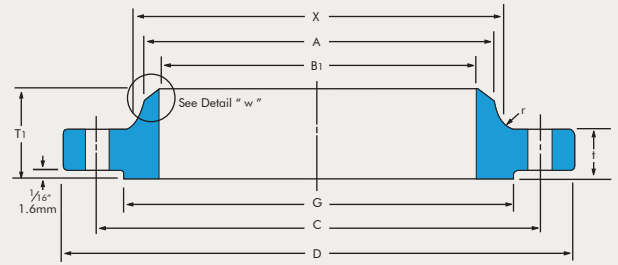
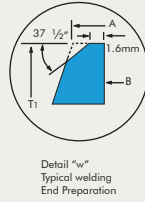


# B16.47 API 605 FORGED FLANGES



## CLASS 75 FLANGES

Nominal Pipe Size	Outside Dia.	O.D. of Raised Face	Dia. at Base of Hub	Thick- Ness	BORE			Length Thru Hub	Dia. of Hub at Bevel	Radius at Base of Hub	DRILLING			
					Wall Thickness 6.35mm	9.5mm	12.7mm				Bolt Circle Dia.	Number of Holes	Dia. of Holes	Appromixat Weight Pounds(kg)
	D	G	X	t	B1		T1	A	r	C				
26	762	704.9	676.1	33.3	647.7	641.4	635.0	58.7	661.9	7.9	723.9	36	19.1	63.9(29.01)
28	813	755.7	726.9	33.3	698.5	692.2	685.8	62.0	712.7	7.9	774.7	40	19.1	68.3(31.01)
30	864	806.5	777.7	33.3	749.3	743.0	736.6	65.0	763.5	7.9	825.5	44	19.1	77.2(35.05)
32	914	857.3	828.5	35.1	800.1	793.8	787.4	69.9	814.3	7.9	876.3	48	19.1	105.8(48.03)
34	965	908.1	879.3	35.1	850.9	844.6	838.2	73.2	865.1	7.9	927.1	52	19.1	110.2(50.03)
36	1034	965.2	935.0	36.6	901.7	895.4	889.9	85.9	915.9	9.7	992.1	40	22.4	136.7(62.06)
38	1084	1016.0	985.8	38.1	952.5	946.2	939.8	88.9	966.7	9.7	1042.9	40	22.4	154.3(70.05)
40	1135	1066.8	1036.6	38.1	1003.3	997.0	990.6	91.9	1017.5	9.7	1093.7	44	22.4	163.1(74.05)
42	1186	1117.6	1087.4	39.6	1054.1	1047.8	1041.4	95.3	1068.3	9.7	1144.5	48	22.4	169.8(77.09)
44	1251	1174.8	1140.0	42.9	1104.9	1049.4	1143.0	104.6	1119.1	9.7	1203.5	36	25.4	180.8(82.08)
46	1302	1225.6	1190.8	44.5	1155.7	1149.4	1143.0	108.0	1169.9	9.7	1254.3	40	25.4	231.5(105.1)
48	1353	1276.4	1241.6	46.0	1206.5	1200.2	1193.8	111.3	1220.7	9.7	1305.1	44	25.4	264.6(120.03)
50	1403	1327.2	1293.9	47.8	1257.3	1251.0	1244.6	115.8	1271.5	9.7	1355.9	44	25.4	295.8(134.28)
52	1457	1378.0	1344.7	47.8	1308.1	1301.8	1295.4	120.7	1322.3	9.7	1409.7	48	25.4	313.2(142.18)
54	1508	1428.8	1397.0	49.3	1358.9	1352.6	1346.2	125.5	1373.1	9.7	1460.5	48	25.4	396.8(180.15)
56	1575	1485.9	1450.8	50.8	1409.7	1403.4	1397.0	134.9	1423.9	11.2	1521.0	40	28.4	406.6(184.58)
58	1626	1536.7	1501.6	52.3	1460.5	1454.2	1447.8	138.2	1474.7	11.2	1571.8	44	28.4	430.8(195.50)
60	1676	1587.5	155.2	55.6	1511.3	1505.0	1498.6	144.5	1525.5	11.2	1622.6	44	28.4	463.0(210.20)

## CLASS 150 FLANGES

Nominal Pipe Size	Outside Diam	O.D. of Raised Face	Diam. at Base of Hub	Thick- Ness	BORE			Length Thru Hub	Diam. of Hub at Bevel	Radius at Base of Hub	DRILLING			
					Wall Thickness 6.35mm	9.5mm	12.7mm				Bolt Circle Dia.	Number of Holes	Diam. of Holes	Appromixat Weight Pounds(kg)
	D	G	X	t	B1		T1	A	r	C				
26	786	711.2	684.3	41.1	647.7	641.4	635.0	88.9	661.9	9.7	744.5	36	22.4	114.6(52.03)
28	837	762.0	735.1	44.5	698.5	692.2	685.8	95.3	712.7	9.7	795.3	40	22.4	127.9(58.07)
30	887	812.8	787.4	44.5	749.3	743.0	736.6	100.1	763.5	9.7	846.1	44	22.4	143.3(65.06)
32	941	863.6	839.7	46.0	800.1	793.8	787.4	108.0	814.3	9.7	900.2	48	22.4	187.4(85.08)
34	1005	920.8	982.0	49.3	850.9	844.6	838.2	110.2	865.1	9.7	957.3	40	25.4	220.5(100.11)
36	1057	971.6	944.6	52.3	901.7	895.4	889.0	117.3	915.9	9.7	1009.7	44	28.4	253.5(115.09)
38	1124	1002.4	997.0	53.8	952.5	946.2	939.8	124.0	968.2	9.7	1069.8	40	28.4	297.5(135.07)
40	1175	1079.5	1049	55.6	1003.3	997.0	990.6	128.5	1019	9.7	1120.6	44	28.4	330.7(150.14)
42	1226	1130.3	1102	58.7	1054.1	1047.8	1041.4	133.4	1069.8	11.2	1171.4	48	28.4	363.8(165.17)
44	1276	118.1	1153	60.5	1104.9	1098.6	1092.2	136.7	1120.6	11.2	1222.2	52	31.8	440.9(200.17)
46	1341	1234.9	1206	62.0	1155.7	1149.4	1143.0	144.5	1171.4	11.2	1284.2	40	31.8	463.0(210.20)
48	1392	1289.1	1257	65.0	1206.5	1200.2	1193.8	149.4	1222.2	11.2	1335.0	44	31.8	529.1(240.21)
50	1443	1339.9	1308	68.3	1257.3	1251.0	1244.6	153.9	1273.0	11.2	1385.8	48	31.8	552.4(250.27)
52	1494	1390.7	1360	69.9	1308.1	1301.8	1295.4	157.2	1323.8	11.2	1436.6	52	31.8	585.9(265.77)
54	1549	1441.5	1413	71.4	1358.9	1352.6	1346.2	162.1	1374.6	11.2	1492.3	56	31.8	683.4(310.26)
56	1600	1492.3	1465	73.2	1409.7	1403.4	1397.0	166.6	1425.4	14.2	1543.1	60	31.8	674.8(306.08)
58	1675	1543.1	1516	74.2	1460.5	1454.2	1447.8	174.8	1476.2	14.2	1611.4	48	35.1	810.6(367.76)
60	1726	1600.2	1570.0	76.2	1511.3	1505.0	1498.6	179.3	1527	14.2	1662.2	52	35.1	903.9(410.37)

- Note :** (1) Bore' (B1) of flanges is shall be specified by the purchaser.  
 (2) Class 150 flanges will be furnished with 0.06" (1.6 mm) raised face, which is included in 'thickness'(t) and 'length through Hub' (T1)