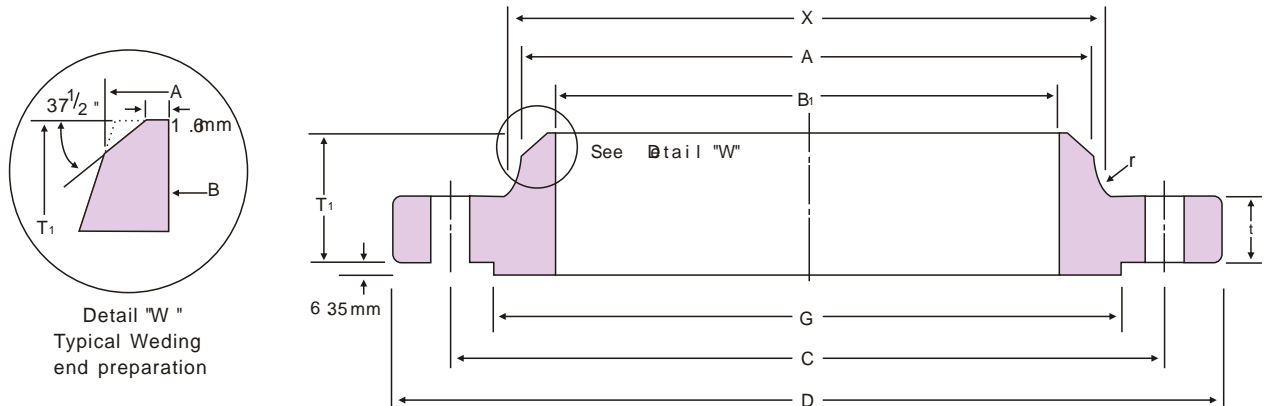




CLASS 600 FLANGES

ANSI B16.47 SERIES B



Detail "W"
Typical Welding
end preparation

Unit :mm

Nominal Pipe Size	Outside Diam .	O .D .of Raised Face	Diam . at Base of Hub	Diam . at Hub of Base	BORE			Length Thru Hub	Thickness		Radius at Base of Hub	DRILLING			Approximate Weight (kg)	
					Wall Thickness				Blind	Weld - neck		Bolt Circle	Number of Holes	Diam . of Holes		
					6 .35mm	9 .5mm	12 .7mm									
					D	G	X		A	B1			T1	t	t	r
26 .0	889 .0	726 .9	698 .5	660 .4	647 .7	641 .4	635 .0	180 .8	111 .3	111 .3	14 .2	806 .5	28	44 .5	550	1194
28 .0	952 .5	784 .4	752 .3	711 .2	698 .5	692 .2	685 .8	190 .5	115 .8	115 .8	14 .2	863 .6	28	47 .8	650	1427
30 .0	1022 .4	841 .2	806 .5	762 .0	749 .3	743 .0	736 .6	204 .7	127 .0	125 .5	14 .2	927 .1	28	50 .8	810	1802
32 .0	1085 .9	895 .4	860 .6	812 .8	800 .1	793 .8	787 .4	215 .9	134 .9	130 .0	15 .7	984 .3	28	53 .8	950	2159
34 .0	1162 .1	952 .5	914 .4	863 .6	850 .9	844 .6	838 .2	233 .4	144 .3	141 .2	15 .7	1054 .1	24	60 .5	1205	2645
36 .0	1212 .9	1009 .7	968 .2	914 .4	901 .7	895 .4	889 .0	242 .8	150 .9	146 .1	15 .7	1104 .9	28	60 .5	1340	3012
38 .0	1270 .0	1054 .1	1022 .4	965 .2	952 .5	946 .2	939 .8	254 .0	155 .4	152 .4	15 .7	1162 .1	28	60 .5	1470	3404
40 .0	1320 .8	1111 .3	1073 .2	1016 .0	1003 .3	997 .0	990 .6	263 .7	162 .1	158 .8	15 .7	1212 .9	32	60 .5	1630	3838
42 .0	1403 .4	1168 .4	1127 .3	1066 .8	1054 .1	1047 .8	1041 .4	279 .4	171 .5	168 .1	15 .7	1282 .7	28	66 .5	2030	4585
44 .0	1454 .2	1225 .6	1181 .1	1117 .6	1104 .9	1098 .6	1092 .2	289 .1	177 .8	173 .0	15 .7	1333 .5	32	66 .5	2160	5105
46 .0	1511 .3	1276 .4	1234 .9	1168 .4	1155 .7	1149 .4	1143 .0	300 .0	185 .7	179 .3	15 .7	1390 .7	32	66 .5	2410	5890
48 .0	1593 .9	1333 .5	1289 .1	1219 .2	1206 .5	1200 .2	1193 .8	316 .0	195 .3	189 .0	15 .7	1460 .5	32	73 .2	2855	6790
50 .0	1670 .1	1384 .3	1343 .2	1270 .0	1257 .3	1251 .0	1244 .6	328 .7	203 .2	196 .9	15 .7	1524 .0	28	79 .2	3330	7695
52 .0	1720 .9	1435 .1	1394 .0	1320 .8	1308 .1	1301 .8	1295 .4	336 .6	209 .6	203 .2	15 .7	1574 .8	32	79 .2	3560	8426
54 .0	1778 .0	1492 .3	1447 .8	1371 .6	1358 .9	1352 .6	1346 .2	349 .3	217 .4	209 .6	15 .7	1632 .0	32	79 .2	3920	9333
56 .0	1854 .2	1543 .1	1501 .6	1422 .4	1409 .7	1403 .4	1397 .0	362 .0	225 .6	217 .4	17 .5	1695 .5	32	85 .9	4280	10529
58 .0	1905 .0	1600 .2	1552 .4	1473 .2	1460 .5	1454 .2	1447 .8	369 .8	231 .6	222 .3	17 .5	1746 .3	32	85 .9	4640	11490
60 .0	1993 .9	1657 .4	1609 .9	1524 .0	1511 .3	1505 .0	1498 .6	388 .9	242 .8	233 .4	17 .5	1822 .5	28	91 .9	5000	13108

Notes

Dimensions for class 600,900NPS 36 "and larger as the same as for series a flanges