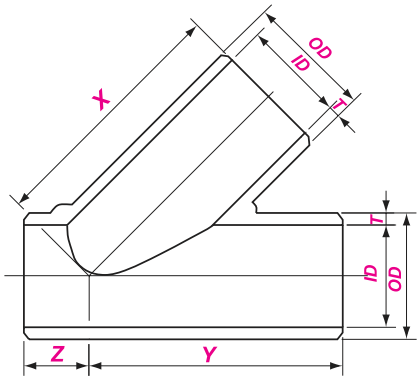
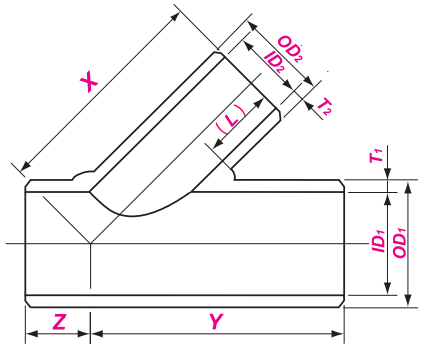
BUTT-WELDING LATERAL TEES



BW Straight 45°Lateral Tee



BW Reducing 45°Lateral Tee

Nominal Size		Outside Diameter at Bevel	Center to End	
DN	NPS	*OD*	*X* and *Y*	*Z*
15	1/2	21.3	90	50
20	3/4	26.7	108	50
25	1	33.4	133	50
32	1 1/4	42.2	184	57
40	1 1/2	48.3	216	64
50	2	60.3	230	64
65	2 1/2	73.0	267	64
80	3	88.9	280	76
90	3 1/2	101.6	292	76
100	4	114.3	343	76
125	5	141.3	381	90
150	6	168.3	445	102
200	8	219.1	520	127
250	10	273.0	610	140
300	12	323.8	700	152
350	14	355.6	787	165
400	16	406.4	876	178
450	18	457.0	953	203
500	20	508.0	1029	216
550	22	559.0	1112	229
600	24	610.0	1207	254
650	26	660.0	1308	267
700	28	711.0	1422	286
750	30	762.0	1524	299
800	32	813.0	1626	311
850	34	864.0	1727	330
900	36	914.0	1829	350
950	38	965.0	1930	483
1000	40	1016.0	2032	508
1050	42	1067.0	2134	533
1100	44	1118.0	2235	559
1150	46	1168.0	2337	584
1200	48	1219.0	2438	610
1250	50	1270.0	2540	635
1300	52	1321.0	2642	660
1350	54	1372.0	2743	686
1400	56	1422.0	2845	711
1450	58	1473.0	2946	737
1500	60	1524.0	3048	762

Note:

1) The value *X* of the reducing tee shall be according to the one matching to the nominal size of branch pipe, but when the varying diameter of branch exceeds and includes two levels (for example NPS 20 × 14), the length *L* near the 45° angle shall be equal or larger than the OD_2 of branch pipe.