



Body Nominal Dia. (DN)	Branch Nominal Dia. (dn)	e	e1	l	h	Mass (App.)
80	80	10.0	10.0	212	106.0	23
100	80	10.5	10.5	240	116.0	28
100	100	10.5	10.5	240	120.0	30
125	80	11.1	11.1	275	128.5	36
125	100	11.1	11.1	275	132.5	38
125	125	11.1	11.1	275	137.5	41
150	80	11.7	11.7	310	141.0	45
150	100	11.7	11.7	310	145.0	47
150	125	11.7	11.7	310	150.0	50
150	150	11.7	11.7	310	155.0	53
200	80	12.8	12.8	380	166.0	67
200	100	12.8	12.8	380	170.0	69
200	125	12.8	12.8	380	175.0	71
200	150	12.8	12.8	380	180.0	74
200	200	12.8	12.8	380	190.0	81
250	80	14.0	13.0	450	191.0	94
250	100	14.0	13.5	450	195.0	86
250	125	14.0	14.0	450	200.0	99
250	150	14.0	14.0	450	205.0	102
250	200	14.0	14.0	450	215.0	108
250	250	14.0	14.0	450	225.0	115
300	80	15.2	13.0	520	216	128
300	100	15.2	13.5	520	220	129
300	125	15.2	14.5	520	225	132
300	150	15.2	15.0	520	230	134
300	200	15.2	15.2	520	240	142
300	250	15.2	15.2	520	250	150
300	300	15.2	15.2	520	260	159

TABLE Contd.

Body Nominal Dia. (DN)	Branch Nominal Dia. (dn)	e	e1	l	h	Mass (App.)
350	200	16.3	16.3	590	265	182
350	250	16.3	16.3	590	275	190
350	300	16.3	16.3	590	285	199
350	350	16.3	16.3	590	295	209
400	200	17.5	16.5	660	290	229
400	250	17.5	17.5	660	300	237
400	300	17.5	17.5	660	310	246
400	350	17.5	17.5	660	320	256
400	400	17.5	17.5	660	330	268
450	250	18.7	18.0	730	325	295
450	300	18.7	18.7	730	335	34
450	350	18.7	18.7	730	345	314
450	400	18.7	18.7	730	355	324
450	450	18.7	18.7	730	365	337
500	250	19.8	18.0	800	350	356
500	300	19.8	19.5	800	360	365
500	350	19.8	19.8	800	370	375
500	400	19.8	19.8	800	380	386
500	450	19.8	19.8	800	390	398
500	500	19.8	19.8	800	400	413
600	300	22.2	19.5	940	410	521
600	350	22.2	21.0	940	420	531
600	400	22.2	22.2	940	430	543
600	450	22.2	22.2	940	440	556
600	500	22.2	22.2	940	450	569
600	600	22.2	22.2	940	470	602
700	350	24.5	21.0	1080	470	729
700	400	24.5	22.5	1080	480	742
700	450	24.5	24.0	1080	490	756
700	500	24.5	24.5	1080	500	769
700	600	24.5	24.5	1080	520	795
700	700	24.5	24.5	1080	540	832
750	400	25.6	22.5	1150	505	855
750	450	25.6	24.0	1150	515	869
750	500	25.6	25.6	1150	525	884
750	600	25.6	25.6	1150	545	911
750	700	25.6	25.6	1150	565	942
750	750	25.6	25.6	1150	575	965
800	400	26.8	22.5	1220	530	982
800	450	26.8	24.0	1220	540	996
800	500	26.8	25.5	1220	550	1010
800	600	26.8	26.8	1220	570	1040
800	700	26.8	26.8	1220	590	10725
800	750	26.8	26.8	1220	600	1089

TABLE Contd.

Body Nominal Dia. (DN)	Branch Nominal Dia. (dn)	e	e1	l	h	Mass (App.)
800	800	26.8	26.8	1220	610	1114
900	450	29.3	24.0	1360	590	1288
900	500	29.3	25.5	1360	600	1302
900	600	29.3	28.5	1360	620	1337
900	700	29.3	29.2	1360	640	1371
900	750	29.3	29.2	1360	650	1388
900	800	29.3	29.2	1360	660	1405
900	900	29.3	29.2	1360	680	1453
1000	500	31.5	25.2	1500	650	1648
1000	600	31.5	28.5	1500	670	1631
1000	700	31.5	31.5	1500	690	1723
1000	750	31.5	31.5	1500	700	1741
1000	800	31.5	31.5	1500	710	1759
1000	900	31.5	31.5	1500	730	1797
1000	1000	31.5	31.5	1500	750	1852
1050	600	32.6	28.5	1570	700	1885
1050	750	32.6	29.2	1570	720	1925
1050	900	32.6	29.2	1570	725	1950
1050	1000	32.6	31.5	1570	755	2005
1050	1050	32.6	32.6	1570	785	2084
1100	600	33.8	28.5	1640	720	2085
1100	700	33.8	31.6	1640	740	2126
1100	750	33.8	33.1	1640	750	2149
1100	800	33.8	33.8	1640	760	2171
1100	900	33.8	33.8	1640	780	2210
1100	1000	33.8	33.8	1640	800	2253
1100	1100	33.8	33.8	1640	820	2316
1200	600	36.2	28.5	1780	770	2559
1200	700	36.2	31.6	1780	790	2597
1200	750	36.2	33.1	1780	800	2620
1200	800	36.2	34.7	1780	810	2645
1200	900	36.2	36.2	1780	830	2693
1200	1000	36.2	36.2	1780	850	2737
1200	1100	36.2	36.2	1780	870	2782
1200	1200	36.2	36.2	1780	890	2854
1500	750	43.2	33.1	2200	950	4499
1500	800	43.2	34.7	2200	960	4521
1500	900	43.2	37.7	2200	980	4572
1500	1000	43.2	40.7	2200	1000	4634
1500	1100	43.2	43.2	2200	1020	4702
1500	1200	43.2	43.2	2200	1040	4754
1500	1500	43.2	43.2	2200	1100	4987