

Pipe Information

Pipe dimensions are based on I.D. of material
(2" sch. 40 pipe measures 2.375" O.D.).



Commercial Pipe and Wall Thickness

Nominal size	Outside Diameter	Schedule 5	Schedule 10	Schedule 40	Schedule 80	Schedule 160	XX Strong
1/4"	.540		.065	.088	.119		
3/8"	.675		.065	.091	.126		
1/2"	.840	.065	.083	.109	.147	.188	.294
3/4"	1.050	.065	.083	.113	.154	.219	.308
1"	1.315	.065	.109	.133	.179	.250	.358
1-1/4"	1.660	.065	.109	.140	.191	.250	.382
1-1/2"	1.900	.065	.109	.145	.200	.281	.400
2"	2.375	.065	.109	.154	.218	.343	.436
2-1/2"	2.875	.083	.120	.203	.276	.375	.552
3"	3.500	.083	.120	.216	.300	.438	.600
3-1/2"	4.000	.083	.120	.226	.318		.636
4"	4.500	.083	.120	.237	.337	.531	.674

Constants for Pipe Bends

Formula: $L = R \times B$

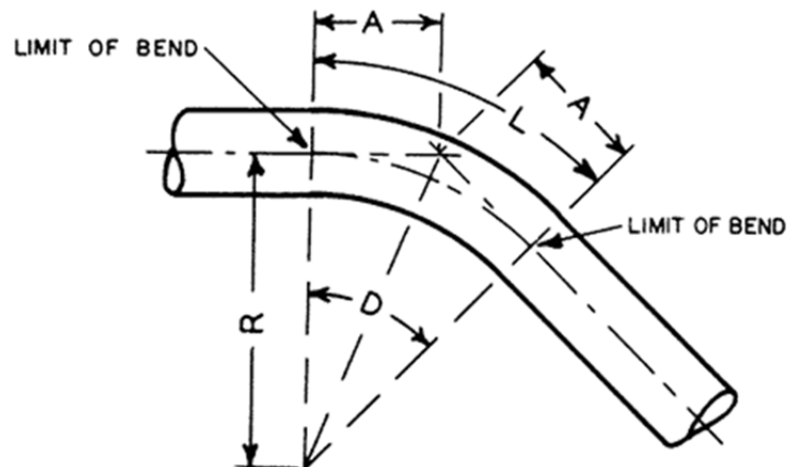
L = Length of pipe required

R = Radius of bend

B = Constant from table used to find "L"

Example: Find the length of pipe required to make a 90 bend with a radius of 30"

$L = 30 \times 1.5705 = 47.115$ in. or 47-1/8"



DOB	Constant	DOB	Constant	DOB	Constant	DOB	Constant	DOB	Constant	DOB	Constant
5	.0873	36	.6282	67	1.1691	98	1.7101	129	2.2510	160	2.7920
6	.1047	37	.6456	68	1.1866	99	1.7275	130	2.2685	161	2.8094
7	.1222	38	.6631	69	1.2040	100	1.7450	131	2.2859	162	2.8269
8	.1396	39	.6805	70	1.2215	101	1.7624	132	2.3034	163	2.8443
9	.1571	40	.6980	71	1.2389	102	1.7799	133	2.3208	164	2.8618
10	.1745	41	.7154	72	1.2564	103	1.7973	134	2.3383	165	2.8792
11	.1920	42	.7329	73	1.2738	104	1.8148	135	2.3557	166	2.8967
12	.2094	43	.7503	74	1.2913	105	1.8322	136	2.3732	167	2.9141
13	.2268	44	.7678	75	1.3087	106	1.8497	137	2.3906	168	2.9316
14	.2443	45	.7852	76	1.3262	107	1.8671	138	2.4080	169	2.9490
15	.2618	46	.8027	77	1.3436	108	1.8846	139	2.4255	170	2.9665
16	.2792	47	.8201	78	1.3611	109	1.9020	140	2.4430	171	2.9839
17	.2966	48	.8376	79	1.3785	110	1.9195	141	2.4604	172	3.0014
18	.3141	49	.8550	80	1.3960	111	1.9369	142	2.4779	173	3.0188
19	.3315	50	.8725	81	1.4134	112	1.9544	143	2.4953	174	3.0363
20	.3490	51	.8899	82	1.4309	113	1.9718	144	2.5128	175	3.0537
21	.3664	52	.9074	83	1.4483	114	1.9893	145	2.5302	176	3.0712
22	.3839	53	.9248	84	1.4658	115	2.0067	146	2.5477	177	3.0886
23	.4013	54	.9423	85	1.4832	116	2.0242	147	2.5651	178	3.1061
24	.4188	55	.9598	86	1.5007	117	2.0416	148	2.5826	179	3.1235
25	.4362	56	.9772	87	1.5181	118	2.0591	149	2.6000	180	3.1416
26	.4537	57	.9946	88	1.5356	119	2.0765	150	2.6175		
27	.4711	58	1.0121	89	1.5530	120	2.0940	151	2.6349		
28	.4886	59	1.0295	90	1.5705	121	2.1114	152	2.6524		
29	.5060	60	1.0470	91	1.5879	122	2.1289	153	2.6698		
30	.5235	61	1.0644	92	1.6054	123	2.1463	154	2.6873		
31	.5409	62	1.0819	93	1.6228	124	2.1638	155	2.7047		
32	.5584	63	1.0993	94	1.6403	125	2.1812	156	2.7222		
33	.5758	64	1.1168	95	1.6577	126	2.1987	157	2.7397		
34	.5933	65	1.1342	96	1.6752	127	2.2161	158	2.7571		
35	.6107	66	1.1517	97	1.6926	128	2.2336	159	2.7745		