



LONG RADIUS			
SIZE	R mm	A mm	
		30°	60°
3/4"	29	8	17
1"	38	10	22
1 1/4"	48	13	28
1 1/2"	57	15	33
2"	76	20	44
2 1/2"	95	25	55
3"	114	31	66
3 1/2"	133	36	77
4"	152	41	88
5"	191	51	110
6"	229	61	132
8"	305	82	176
10"	381	102	220
12"	457	123	264
14"	533	143	308
16"	610	164	352
18"	686	184	396
20"	762	204	440
24"	914	245	527

SHORT RADIUS			
SIZE	R mm	A mm	
		30°	60°
1"	25	6	14
1 1/4"	32	8	19
1 1/2"	38	10	22
2"	51	14	29
2 1/2"	64	17	37
3"	76	20	44
3 1/2"	89	24	51
4"	102	27	59
5"	127	34	73
6"	152	41	88
8"	203	54	117
10"	254	68	146
12"	305	82	176
14"	356	95	205
16"	406	109	234
18"	457	123	264
20"	508	136	293
24"	610	164	352
30"	762	204	440

**NOTE :**  
CUT FROM STANDARD ELBOWS

DIMENSIONS  
30° & 60° BENDS