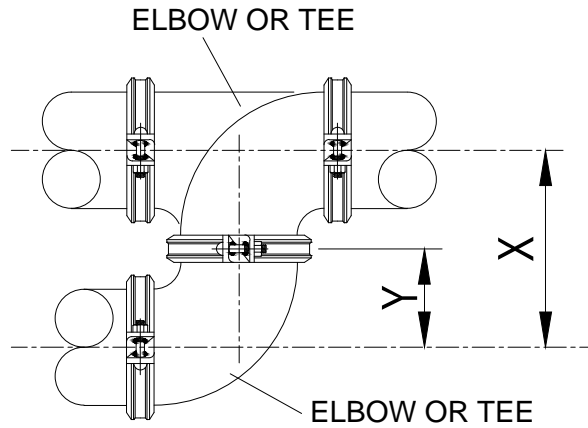
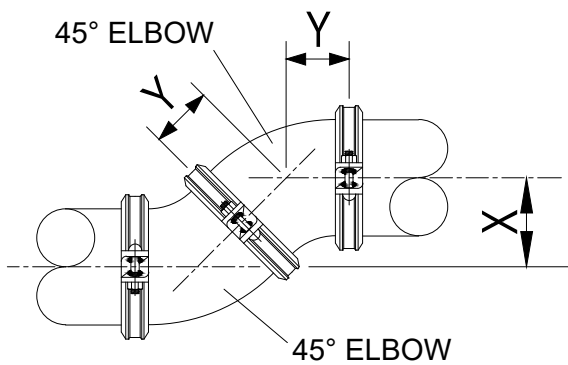


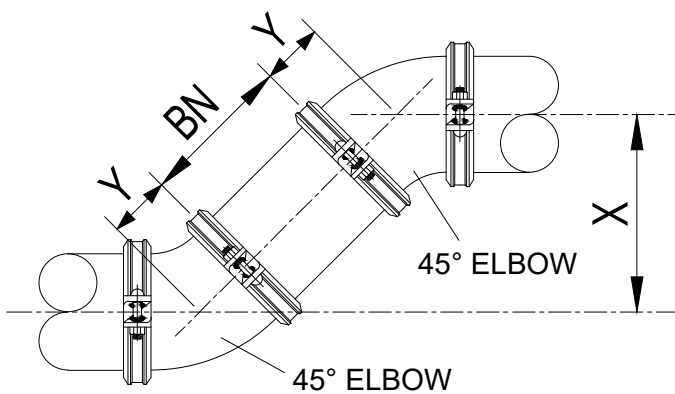
GROOVED FITTINGS



ID	OD	FIRELOCK		STANDARD	
		X	Y	X	Y
65	73.0	152	76	190	95
80	88.9	172	86	216	108
100	114.3	204	102	254	127
150	165.1	280	140	330	165
200	219.1	346	173	394	197



ID	OD	FL & STAN	
		X	Y
65	73.0	81	57
80	88.9	91	64
100	114.3	107	76
150	165.1	126	89
200	219.1	346	153



ID	OD	FL & STAN		
		X	Y	BN
65	73.0	153	57	102
80	88.9	163	64	102
100	114.3	215	76	152
150	165.1	233	89	152
200	219.1	324	153	152

STANDARD AND FIRELOCK GROOVED FITTINGS SHOWING THE MINIMUM RISER, DROP OR OFFSET DIMENSIONS FOR ELBOWS, TEES & 45° ELBOWS