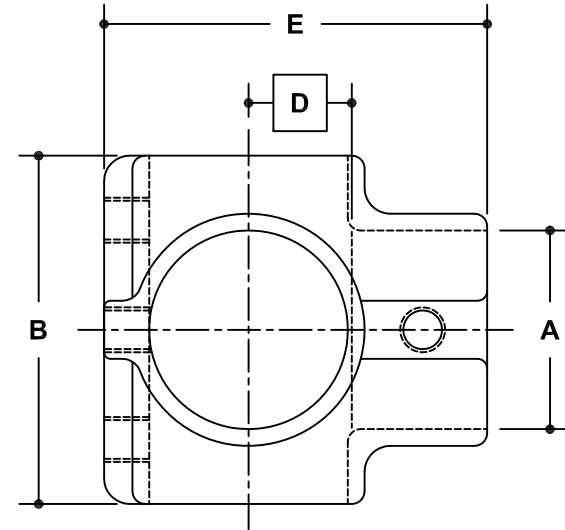
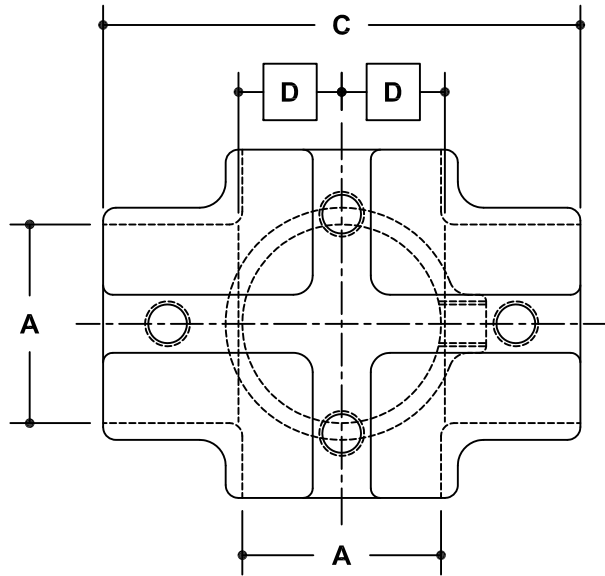


NOTE: DIMENSIONS LOCATED IN BOXES ARE COMMON
SETBACK DIMENSIONS FOR EACH FITTING



#13 Side Outlet Cross

SCALE: HALF

ENGLISH UNITS (Inches)							
PIPE SIZE	A	B	C	D	E	F	G
1½"	1.93	3.38	4.63	1.00	3.69		
1¼"	1.68	2.75	4.00	0.88	3.22		
1"	1.34	2.38	3.56	0.72	2.83		
¾"	1.07	2.00	3.00	0.50	2.34		

METRIC UNITS (mm)							
PIPE SIZE	A	B	C	D	E	F	G
1½"	49	86	118	25	94		
1¼"	43	70	102	22	82		
1"	43	70	102	22	82		
¾"	27	51	76	13	59		