



FITTINGS

Malleable Cast Iron Pipe Fittings

SANS 509:1955 and BS 143:1952 (BSEN 10241:2000)

WORKING PRESSURES and TEMPERATURES

Malleable fittings may be used for water, gas, steam or air services for working pressures which do not exceed 14 bars for water and 10 bars in the case of steam, gas or oil. Working temperatures should not exceed 232°C (450°F).

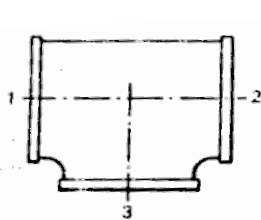
TOLERANCES

The plus or minus tolerances allowed on the length of sockets and nipples and centre to face dimensions of elbows, tees, crosses and bends shall be as follows:

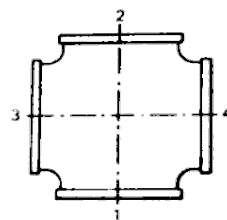
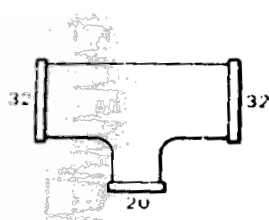
Lengths up to	inches	1 1/4"	2"	3"	4"	6"	8"	12"
	mm	32	51	76	102	152	203	305
Tolerances	mm	1.5	2.0	2.5	3.0	3.5	4.0	5.1
	inches	0.06	0.08	0.10	0.12	0.14	0.16	0.20

METHOD OF SPECIFYING OUTLETS

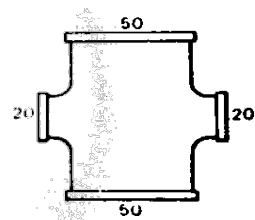
Reducing fittings should be ordered by specifying sizes in the order shown by the numbered diagrams.



32 x 32 x 20 mm

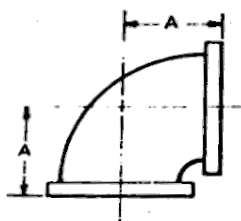


50 x 50 x 20 mm

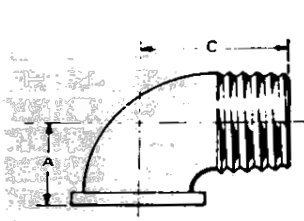


ELBOWS

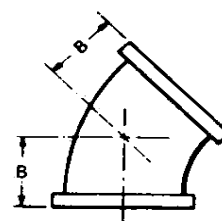
Size inches	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6
Size mm	6	8	10	15	20	25	32	40	50	65	80	100	125	150
A mm	18	21	24	28	33	38	44	49	57	69	78	96	114	130
B mm	18	19	21	22	25	28	33	36	43	50	55	66	78	88
C mm	25	30	37	41	48	54	62	68	83	98	115	144	-	-



90° Female No. 151



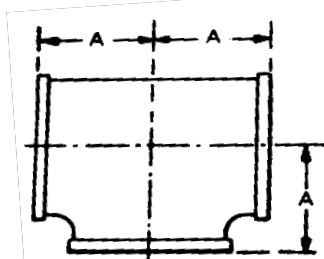
90° M & F. No. 152



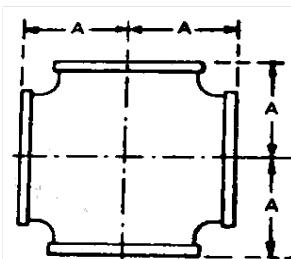
95° Female No. 155

TEES AND CROSSES

Size inches	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6
Size mm	6	8	10	15	20	25	32	40	50	65	80	100	125	150
A mm	18	21	24	28	33	40	44	49	57	69	78	96	114	130



No. 161



No. 171