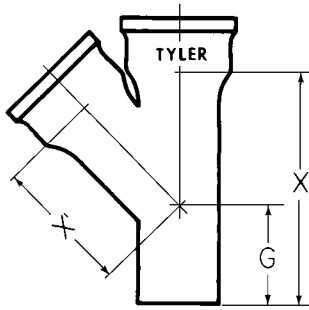
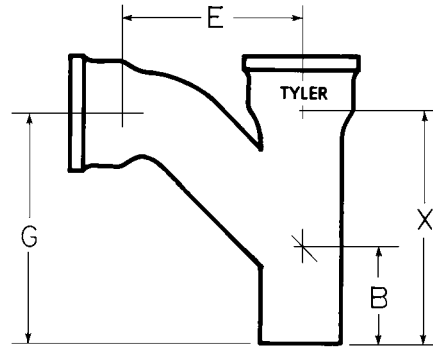




SV (SERVICE) ASA GROUP 021 Y'S, COMBINATIONS, TEES



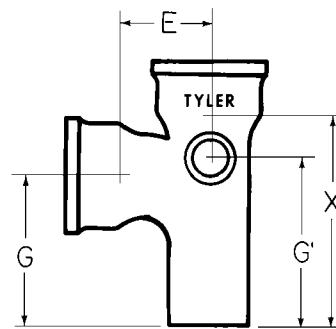
WYE



COMBINATION

Ship Code	UPCode 067610	Size	X	X'	G	Wt.
S	001560	2	8	4	4	8
S	001577	3x2	9	5	4 ³ / ₁₆	12
S	001584	3	10 ¹ / ₂	5 ¹ / ₂	5	14
S	001591	4x2	9	5 ³ / ₄	3 ⁵ / ₈	13
S	001607	4x3	10 ¹ / ₂	6 ¹ / ₄	4 ⁷ / ₁₆	17
S	001614	4	12	6 ³ / ₄	5 ¹ / ₄	18
S	001621	5x2	9	6 ¹ / ₂	3 ⁷ / ₈	14
S	001638	5x3	10 ¹ / ₂	7	3 ⁷ / ₈	17
S	001645	5x4	12	7 ¹ / ₂	4 ¹¹ / ₁₆	19
S	001652	5	13 ¹ / ₂	8	5 ¹ / ₂	26
S	001669	6x2	9	7 ¹ / ₄	2 ⁹ / ₁₆	20
S	001676	6x3	10 ¹ / ₂	7 ³ / ₄	3 ³ / ₈	19
S	001683	6x4	12	8 ¹ / ₄	4 ³ / ₁₆	27
S	001690	6x5	13 ¹ / ₄	8 ³ / ₄	4 ¹⁵ / ₁₆	31
S	001706	6	15	9 ¹ / ₄	5 ³ / ₄	36
S	383482	8x2	10 ¹ / ₂	8 ¹ / ₂	3 ⁷ / ₈	31
S	387848	8x3	12	9	3 ¹⁵ / ₁₆	33
S	001713	8x4	13 ¹ / ₂	9 ¹ / ₂	4 ³ / ₄	45
S	001720	8x5	15	10	5 ¹ / ₂	39
S	001737	8x6	16 ¹ / ₂	10 ¹ / ₂	6 ⁵ / ₁₆	53
S	001744	8	19 ¹ / ₂	11 ¹³ / ₁₆	7 ¹ / ₁₆	65
S	001751	10x3	12	11	2 ¹ / ₂	56
S	001768	10x4	13 ¹ / ₂	11 ⁷ / ₈	3 ³ / ₁₆	64
S	001775	10x5	15	11 ³ / ₈	4 ⁵ / ₁₆	65
S	001782	10x6	16 ¹ / ₂	12 ⁷ / ₈	5 ⁵ / ₈	76
S	001799	10x8	19 ¹ / ₂	13 ⁷ / ₁₆	6 ¹ / ₂	85
S	001805	10	22 ¹ / ₂	14 ¹ / ₂	8	107
S	001812	12x4	15	12 ⁷ / ₁₆	4 ⁷ / ₈	76
S	001829	12x5	16 ¹ / ₂	12 ¹⁵ / ₁₆	4 ⁷ / ₈	75
S	001836	12x6	18	13 ⁷ / ₁₆	5 ¹¹ / ₁₆	84
S	001843	12x8	21	14 ³ / ₄	7 ⁷ / ₁₆	110
S	001850	12x10	24	15 ¹³ / ₁₆	8 ⁹ / ₁₆	159
S	001867	12	27	16 ⁷ / ₈	10 ⁷ / ₈	176
S	001874	15x4	15	14	3 ¹ / ₄	138
S	001881	15x6	18	15 ³ / ₄	4	171
S	001898	15x8	21	17 ¹ / ₁₆	5 ³ / ₈	207
S	001904	15x10	24	18 ⁷ / ₈	6 ⁷ / ₈	213
S	001911	15x12	27	19 ³ / ₁₆	8 ⁷ / ₁₆	242
S	001928	15	31 ¹ / ₂	20 ³ / ₄	10 ³ / ₄	333

Ship Code	UPCode 067610	Size	X	B	E	G	Wt.
S	001966	2	8	4	4 ⁷ / ₈	7 ³ / ₈	8
S	001973	3x2	9	4 ³ / ₁₆	5 ³ / ₄	8 ³ / ₁₆	12
S	001980	3	10 ¹ / ₂	5	7	10 ¹ / ₁₆	14
S	001997	4x2	9	3 ¹¹ / ₁₆	6 ¹ / ₄	8 ³ / ₁₆	15
S	002000	4x3	10 ¹ / ₂	4 ¹ / ₂	7 ¹ / ₂	10 ¹ / ₁₆	18
S	002017	4	12	5 ¹ / ₄	9	12 ¹ / ₁₆	24
S	002024	5x2	9	3 ³ / ₈	6 ³ / ₄	8 ³ / ₈	15
S	383123	5x3	10 ¹ / ₂	4	8	10 ¹ / ₁₆	22
S	002031	5x4	12	4 ¹ / ₄	9 ¹ / ₂	11 ⁹ / ₁₆	24
S	002048	5	13 ¹ / ₂	5 ¹ / ₂	11	14 ⁷ / ₈	26
S	002055	6x2	9	2 ¹¹ / ₁₆	7 ¹ / ₄	8 ³ / ₁₆	17
S	002062	6x3	10 ¹ / ₄	3 ³ / ₈	8 ¹ / ₂	9 ¹¹ / ₁₆	21
S	002079	6x4	12	4 ¹ / ₄	10	12 ¹ / ₁₆	32
S	388258	6x5	13 ¹ / ₂	5 ¹ / ₁₆	11 ¹ / ₂	14 ³ / ₁₆	40
S	002086	6	15	5 ³ / ₄	12 ⁷ / ₈	16 ¹ / ₁₆	45
N	383611	8x2	10 ¹ / ₂	3 ³ / ₈	8 ¹ / ₄	9 ⁵ / ₈	34
S	002093	8x4	13 ¹ / ₂	4 ³ / ₄	11	13 ³ / ₁₆	44
N	384748	8x5	10 ¹ / ₂	5 ¹ / ₂	12 ¹ / ₂	15 ³ / ₈	53
S	002109	8x6	16 ¹ / ₂	6 ⁵ / ₁₆	13 ⁷ / ₈	17 ⁵ / ₈	60
S	002116	8	19 ¹ / ₂	7 ¹ / ₁₆	17	21 ⁹ / ₁₆	85

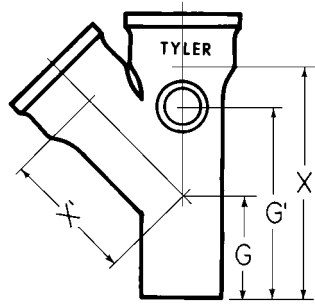


**SAN TEE
w/2" Hub Side Openings**

Ship Code	UPCode 067610	Size	X	E	G	G'	Wt.
S	002277	3R	10	4	7 ¹ / ₂	8	15
S	002291	3L	10	4	7 ¹ / ₂	8	15
S	002284	4R	11	4 ¹ / ₂	8	9	20
S	002307	4L	11	4 ¹ / ₂	8	9	20
S	002321	4R&L	11	4 ¹ / ₂	8	9	21

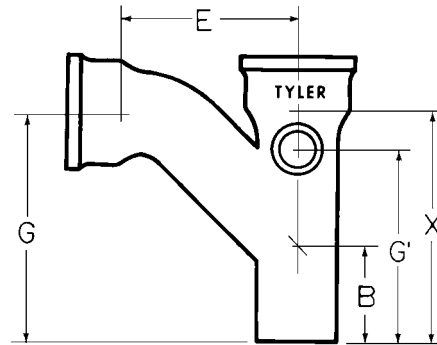


SV (SERVICE) ASA GROUP 021 Y'S, COMBINATIONS, TEES, "H" BRANCHES



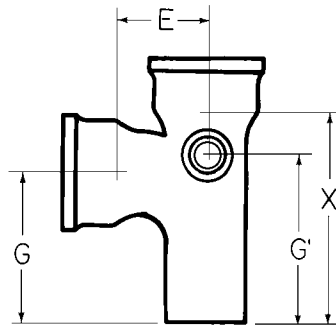
WYE
w/2" Hub Side Opening

Ship Code	UPCode 067610	Size	X	X'	G	G'	Wt.
S	002390	4R	12	6 ³ / ₄	5 ¹ / ₄	10	18
S	002406	4L	12	6 ³ / ₄	5 ¹ / ₄	10	18



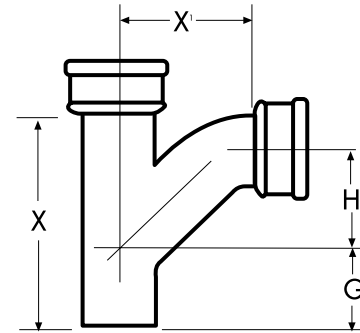
COMBINATION
w/2" Hub Side Opening

Ship Code	UPCode 067610	Size	X	B	E	G	G'	Wt.
S	002413	4R	12	5 ¹ / ₄	9	12 ¹ / ₁₆	10	27
S	002420	4L	12	5 ¹ / ₄	9	12 ¹ / ₁₆	10	27



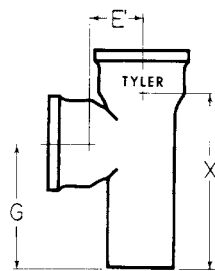
SAN TEE W/SIDE TAPS

Ship Code	UPCode 067610	Size	X	E	G	G'	Wt.
N	002369	4"w/2" R Tap	11	4 ¹ / ₂	8	9	20
N	002376	4"w/2" L Tap	11	4 ¹ / ₂	8	9	20
N	002383	4"w/2" L&R Tap	11	4 ¹ / ₂	8	9	20



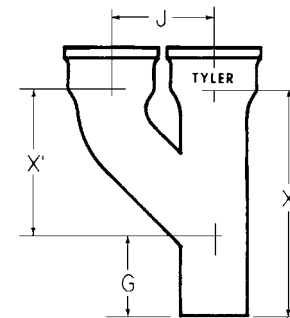
COMBINATION (SHORT TURN)

Ship Code	UPCode 0670610	Size	G	H	X	X'	Wt.
N	086192	4	5 ⁷ / ₁₆	4 ³ / ₈	11 ³ / ₈	6 ¹ / ₂	19



STRAIGHT TEE

Ship Code	UPCode 067610	Size	X	G	E'	Wt.
S	001201	2	8	6 ¹ / ₄	1 ³ / ₄	7
S	001218	3x2	9	7	2 ¹ / ₂	9
S	001225	3	10	7 ¹ / ₂	2 ¹ / ₂	12
S	001232	4x2	9	7	3	13
S	001249	4x3	10	7 ¹ / ₂	3	14
S	001256	4	11	8	3	15
S	001263	6x4	11	8	4	22
N	001270	6	13	9	4	24
N	113324	8x4	12 ⁷ / ₈	9 ⁵ / ₈	5 ¹ / ₄	37

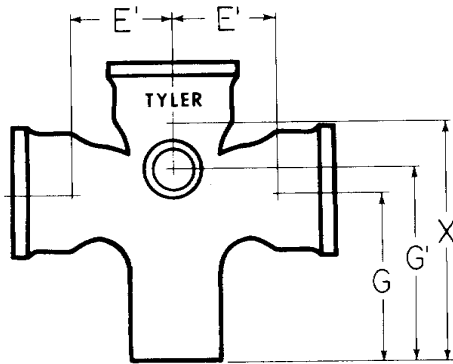


"H" BRANCH

Ship Code	UPCode 067610	Size	X	X'	J	G	Wt.
N	002222	2	10	6	4 ¹ / ₂	4	8
N	002239	3x2	10 ¹¹ / ₁₆	6 ³ / ₄	5	4 ³ / ₁₆	10
S	002246	3	12 ⁷ / ₁₆	7 ⁷ / ₁₆	5 ¹ / ₂	5	12
N	002253	4x3	12 ³ / ₁₆	6 ¹⁵ / ₁₆	6	4 ¹ / ₂	14
S	002260	4"	13 ¹⁵ / ₁₆	8 ¹¹ / ₁₆	6 ¹ / ₂	5 ¹ / ₄	18

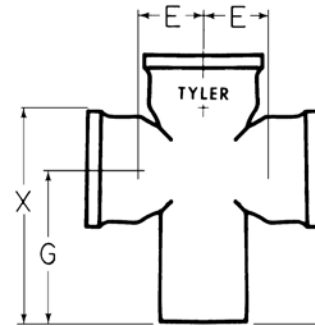


SV (SERVICE) ASA GROUP 021 CROSSES, WYES



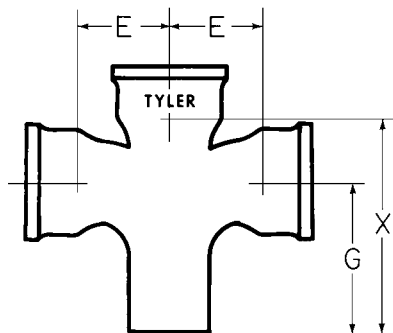
SAN CROSS W/2" SIDE OPENING

Ship Code	UPCode 067610	Size	(Side Opening)	X	E'	G	G'	Wt.
S	002871	4	(1 side)	11	4½	8	9	27
N	002895	4	(2 sides)	11	4½	8	9	31



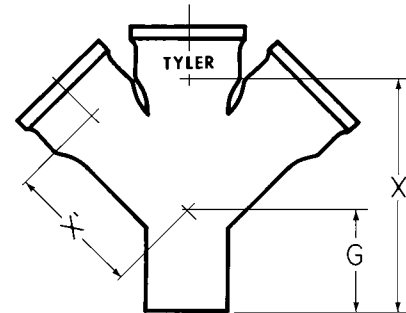
STRAIGHT CROSS

Ship Code	UPCode 067610	Size	G	X	E	SV
N	102588	4x2	7	9	3	14
N	102595	4	8	11	3	18



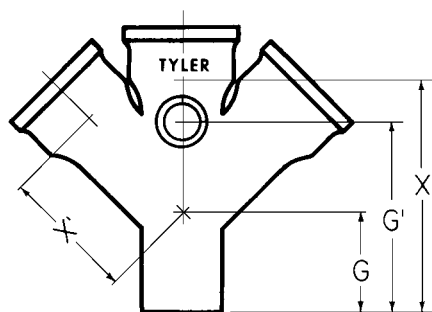
**SAN CROSS
(No Baffle)**

Ship Code	UPCode 067610	Size	X	E	G	Wt.
S	002512	2	8	3¼	6¼	9
S	002529	3x2	9	4	7	13
S	002536	3	10	4	7½	15
S	002543	4x2	9	4½	7	15
S	002550	4x3	10	4½	7½	18
S	002567	4	11	4½	8	19
N	002574	5x4	11	5	8	26
N	012618	6x4	11	5½	8	33
S	383321	6	13	5½	9	44
N	002581	8x4	13	6½	9¾	40



DOUBLE WYE

Ship Code	UPCode 067610	Size	X	X'	G	Wt.
S	002598	2	8	4	4	9
S	002604	3x2	9	5	4¾	13
S	002611	3	10½	5½	5	16
S	002628	4x2	9	5¾	3⅝	15
S	002635	4x3	10½	6¼	4⅞	19
S	002642	4	12	6¾	5¼	23
N	392026	5	13½	8	5½	27
S	387855	6x3	10½	7¾	3⅝	23
S	002659	6x4	12	8¼	4¾	32
S	002666	6	15	9¼	5¾	45
S	002673	8x4	13½	9½	4¾	50
S	002680	8x6	16½	10½	6⅝	64
S	002697	8	19½	11⅓	7⅞	90
N	383086	10x6	19½	12½	6½	81
S	002703	10x8	19½	13⅞	6½	114
S	002710	10	22½	14½	8	120
S	002727	12x8	21	14¾	7⅞	136
S	002734	12	27	16⅞	10⅞	175
S	002741	15	31½	20¾	10¾	354

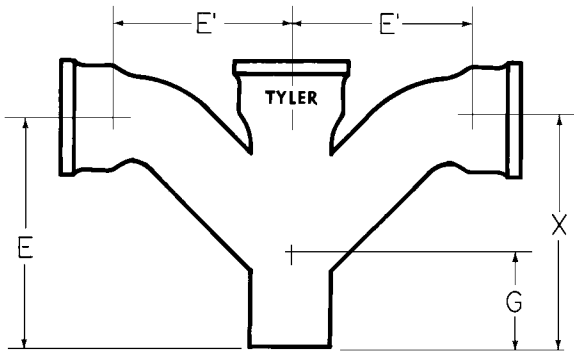


**DOUBLE WYE
w/2" Hub Side Opening**

Ship Code	UPCode 067610	Size	X	X'	G	G'	Wt.
S	002932	4	12	6¾	5¼	10	26

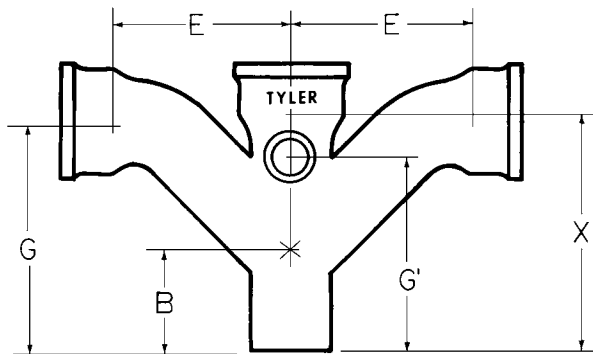


SV (SERVICE) ASA GROUP 021 COMBINATIONS, TEES



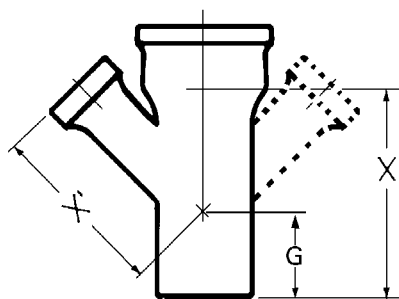
DOUBLE COMBINATION

Ship Code	UPCode 067610	Size	X	E'	E	G	Wt.
S	002758	2	8	4 ⁷ / ₈	7 ³ / ₈	4	11
S	002765	3x2	9	5 ³ / ₄	8 ³ / ₁₆	4 ³ / ₈	14
S	002772	3	10 ¹ / ₂	7	10 ¹ / ₁₆	5	20
S	002789	4x2	9	6 ¹ / ₄	8 ³ / ₁₆	3 ¹ / ₁₆	17
S	002796	4x3	10 ¹ / ₂	7 ¹ / ₂	10 ¹ / ₁₆	4 ¹ / ₂	23
S	002802	4	12	9	12 ¹ / ₁₆	5 ¹ / ₄	34
S	010925	5x4	12	9 ¹ / ₂	11 ¹ / ₁₆	4 ¹ / ₄	38
S	002819	6x4	12	10	12 ¹ / ₁₆	4 ¹ / ₄	52
S	002826	6	15	12 ⁷ / ₈	16 ¹ / ₁₆	5 ³ / ₄	80



DOUBLE COMBINATION w/2" Hub Side Opening

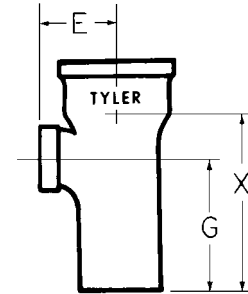
Ship Code	UPCode 067610	Size	X	B	E	G	G'	Wt.
S	002949	4	12	5 ¹ / ₄	9	12 ¹ / ₁₆	10	33



Ship Code	UPCode 067610	Size	X	X'	G	Wt.
S	003236	3x2	9	6 ⁵ / ₈	4	9
S	003243	4x1 ¹ / ₂	9	7 ⁷ / ₈	5 ¹ / ₄	12
S	003250	4x2	9	7 ⁷ / ₈	5 ¹ / ₄	12

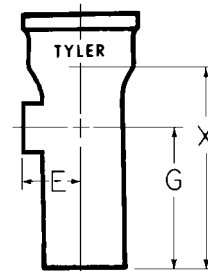
TAPPED DOUBLE WYE

Ship Code	UPCode 670610	Size	X	X'	Wt.
S	003441	4x2	9	7 ⁷ / ₈	21



TAPPED SAN TEE

Ship Code	UPCode 067610	Size x Tap	X	E	G	Wt.
S	003120	2x1 ¹ / ₄	8	2 ¹⁵ / ₁₆	6 ¹ / ₄	6
S	003137	2x1 ¹ / ₂	8	2 ¹⁵ / ₁₆	6 ¹ / ₄	6
S	003144	2x2	8	3 ¹ / ₁₆	6 ¹ / ₄	7
S	003168	3x1 ¹ / ₂	9	3 ⁵ / ₁₆	7	8
S	003175	3x2	9	3 ⁵ / ₁₆	7	9
S	003182	3x3	10	3 ⁵ / ₈	7 ¹ / ₄	11
S	003205	4x1 ¹ / ₂	9	3 ¹⁵ / ₁₆	7	13
S	003212	4x2	9	4 ¹ / ₁₆	7	13
N	399247	4x3	11	3 ¹⁵ / ₁₆	8	14



STRAIGHT TAPPED TEE

Ship Code	UPCode 670610	Size	X	E	G	Wt.
N	002963	2x1 ¹ / ₂	8	2	6 ¹ / ₄	5.5
S	024507	2x2	8	2	6 ¹ / ₄	6
N	002994	3x1 ¹ / ₂	9	2 ¹ / ₂	7	7.4
S	003007	3x2	9	2 ¹ / ₂	7	7
S	003045	4x2	9	3	7	11
N	392071	4x3	11	4	8	12
N	003069	4x4	9	3	7	15
S	003106	6x4	13	7	9	25
S	003076	5x2	12	3 ¹ / ₂	7 ⁷ / ₈	13
S	003083	5x4	12	3 ¹ / ₂	8 ¹ / ₂	15
S	003090	6x2	13 ¹ / ₄	3 ⁵ / ₈	9	26
S	003106	6x4	13	7	9	25

TAPPED WYE