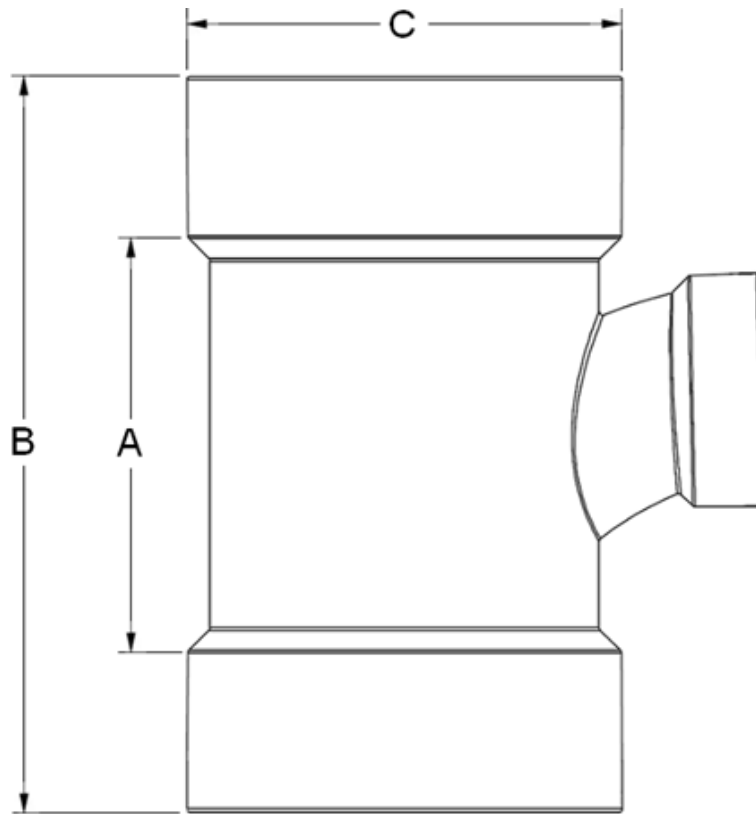


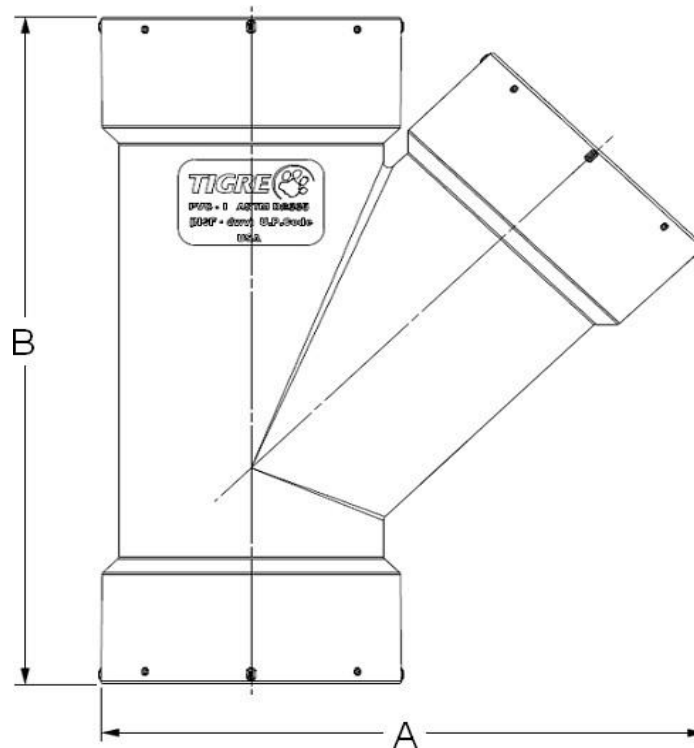
SANITARY TEE REDUCING



INJECTION MOLDED FITTING

<u>Part #</u>	<u>Description</u>	<u>A</u>	<u>B</u>	<u>C</u>
401-3469	2 x 1 1/2 x 1 1/2	3.65	5.30	2.24
401-3470	2 x 1 1/2 x 2	3.63	5.32	2.23
401-3471	2 x 2 x 1 1/2	3.70	5.38	2.72
401-3472	3 x 3 x 1 1/2	3.26	6.48	3.97
401-3473	3 x 3 x 2	3.25	6.46	3.97
401-3475	4 x 4 x 2	4.80	8.57	5.05
401-3476	4 x 4 x 3	4.80	8.57	5.05

WYE AND WYE REDUCING



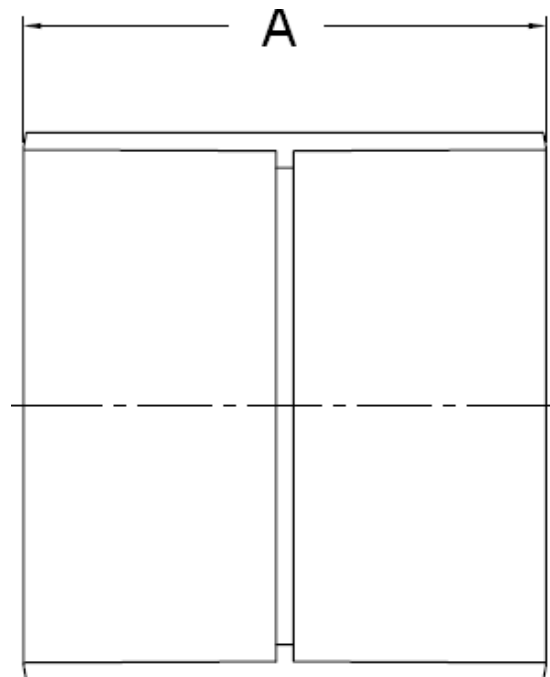
INJECTION MOLDED FITTING

Part #	Size	A	B
600-3606	1 1/4	4.14	4.97
600-3607	1 1/2	4.64	5.4
600-3608	2	5.72	6.5
600-3609	3	8.2	9.64
600-3610	4	10.34	11.87
600-3611	6	13.5	16.35
601-3615	2 x 1 1/2 x 1 1/2	4.8	5.96
601-3617	2 x 2 x 1 1/2	5.16	6.04
601-3618	3 x 3 x 1 1/2	6.44	8.18
601-3619	3 x 3 x 2	6.97	8.19
601-3621	4 x 4 x 2	7.981	10.27
601-3622	4 x 4 x 3	9.56	10.31
601-3624	6 x 6 x 4	11.9	16.25



LAYING LENGTHS

COUPLING



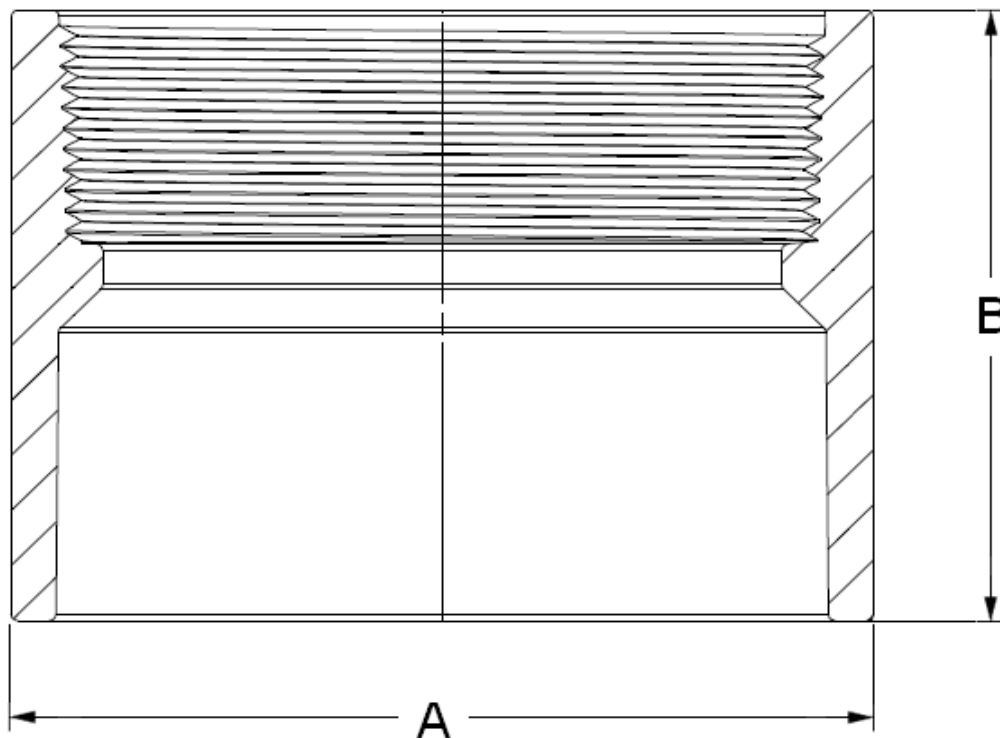
INJECTION MOLDED FITTING

Part #	Size	A
100-3188	1 1/4	1.54
100-3189	1 1/2	1.57
100-3190	2	1.70
100-3191	3	3.26
100-3192	4	3.84
100-3193	6	6.34



LAYING LENGTHS

FEMALE ADAPTER



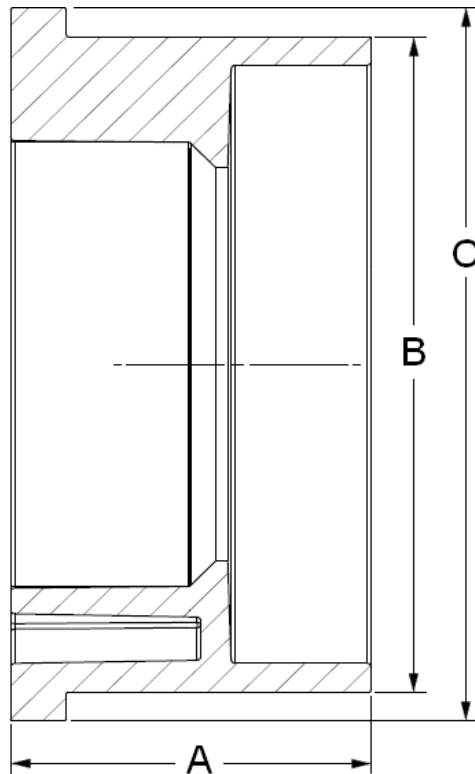
INJECTION MOLDED FITTING

Part #	Size	A	B
101-3197	1 1/4	2.01	1.72
101-3198	1 1/2	2.25	1.65
101-3199	2	2.73	1.85
101-3200	3	3.99	3.08
101-3201	4	5.05	3.69
101-3202	6	7.24	4.92



LAYING LENGTHS

FLUSH BUSHING



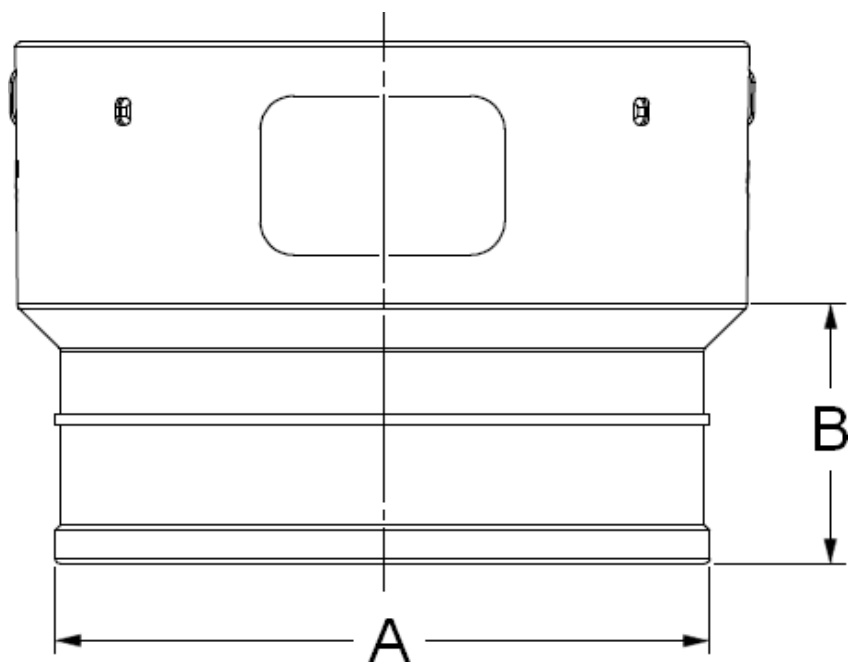
INJECTION MOLDED FITTING

Part #	Description	A	B	C
107-3263	2 x 1 1/2	1.05	2.37	2.70
107-3264	3 x 1 1/2	1.78	3.48	3.95
107-3265	3 x 2	1.77	3.48	3.95
107-3266	4 x 2	2.05	4.48	5.02
107-3267	4 x 3	2.05	4.50	5.02
107-3268	6 x 4	3.55	6.63	7.21



LAYING LENGTHS

NO HUB ADAPTER



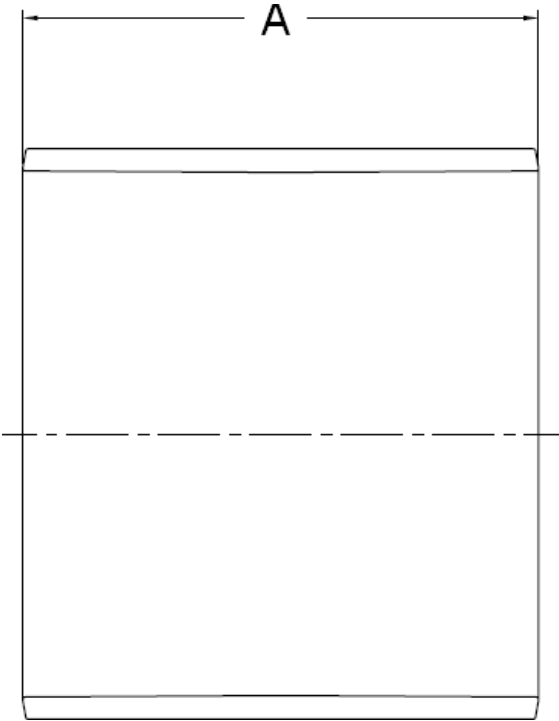
INJECTION MOLDED FITTING

Part #	Size	A	B
119-3312	2	2.37	1.76
119-3314	3	3.38	1.80
119-3316	4	4.45	1.83



LAYING LENGTHS

REPAIR COUPLING

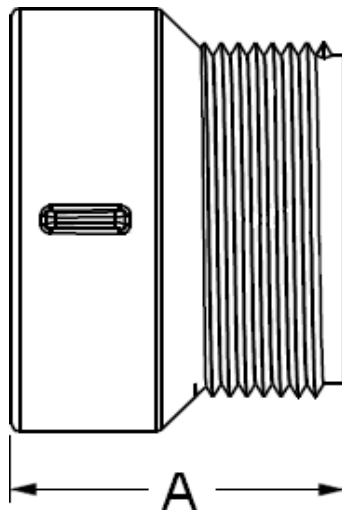


Part #	Size	A
130-3339	3	3.22
130-3340	4	3.77



LAYING LENGTHS

TRAP ADAPTER FEMALE



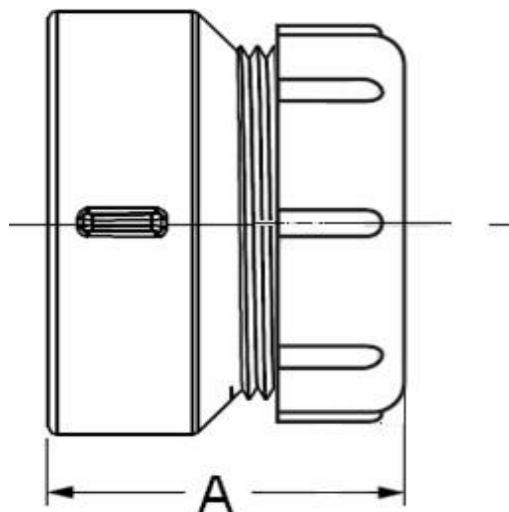
INJECTION MOLDED FITTING

Part #	Size	A
104-3221	1.1/2	1.76
104-3220	1.1/2 x 1.1/4	1.65



LAYING LENGTHS

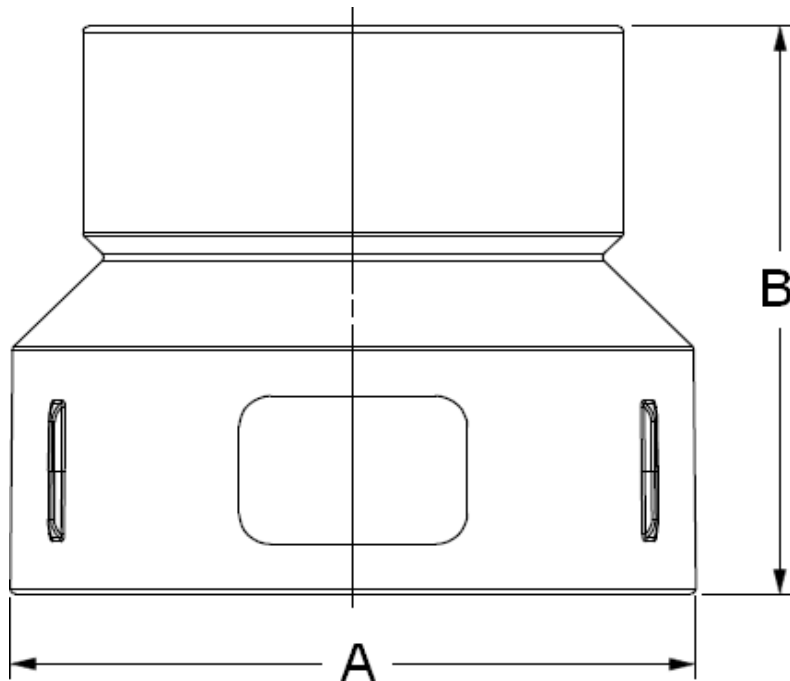
TRAP ADAPTER FEMALE W/ PLASTIC NUT



INJECTION MOLDED FITTING

Part #	Size	A
104-P-3223	1.1/2 x 1.1/4	1.84
104-P-3224	1.1/2	1.95

PIPE INCREASER REDUCER



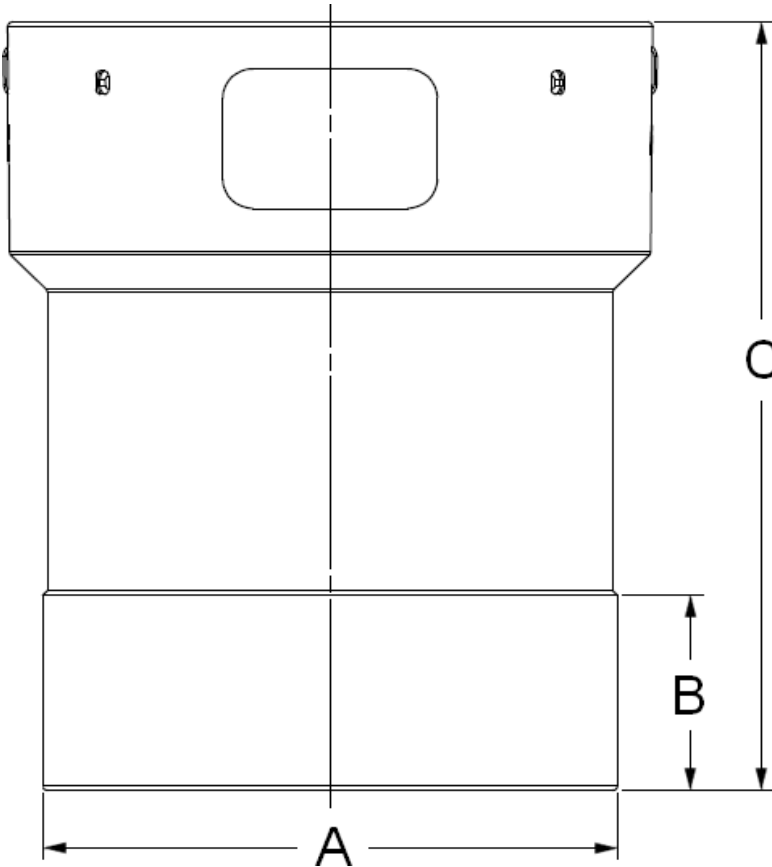
INJECTION MOLDED FITTING

Part #	Size	A	B
102-3203	1.1/2 x 2	2.70	2.11
102-3204	1.1/2 x 3	3.96	3.41
102-3205	2 x 3	3.96	3.25
102-3206	2 x 4	5.04	4.01
102-3207	3 x 4	5.04	4.35



LAYING LENGTHS

HUB ADAPTER



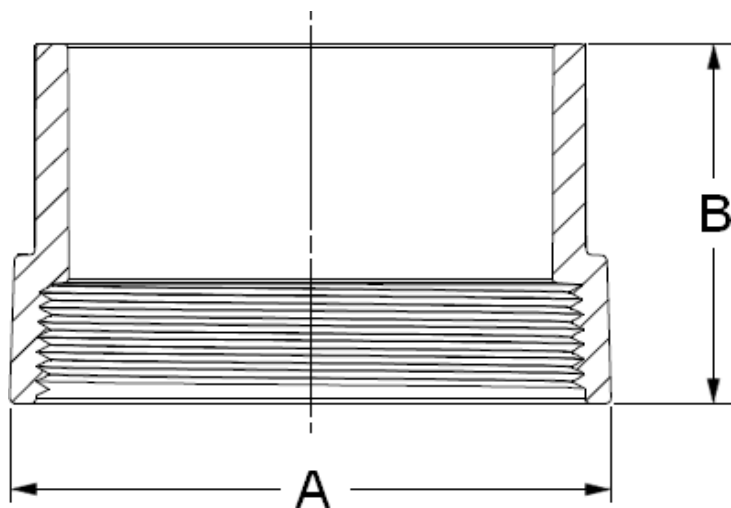
INJECTION MOLDED FITTING

Part #	Size	A	B	C
123-3322	4	4.69	0.52	6.22



LAYING LENGTHS

FITTING CLEANOUT ADAPTER



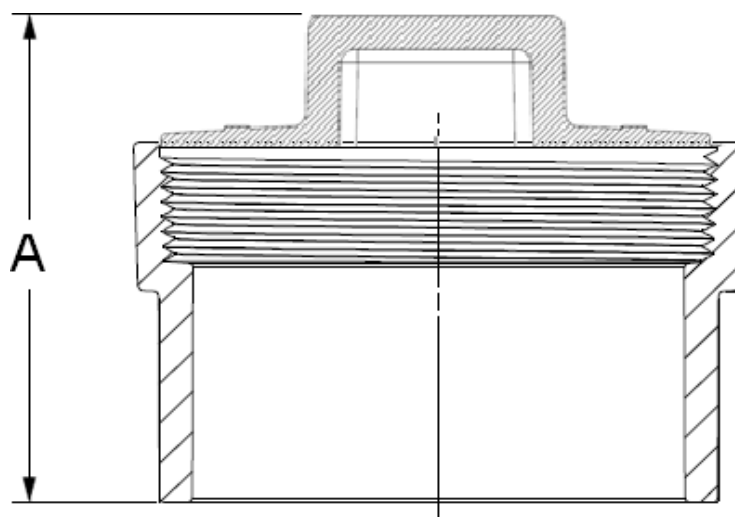
INJECTION MOLDED FITTING

Part #	Size	A	B
105-3233	1.1/2	2.15	1.55
105-3234	2	2.64	1.62
105-3235	3	3.85	2.58
105-3236	4	4.91	3.02
105-3237	6	7.2	4.36



LAYING LENGTHS

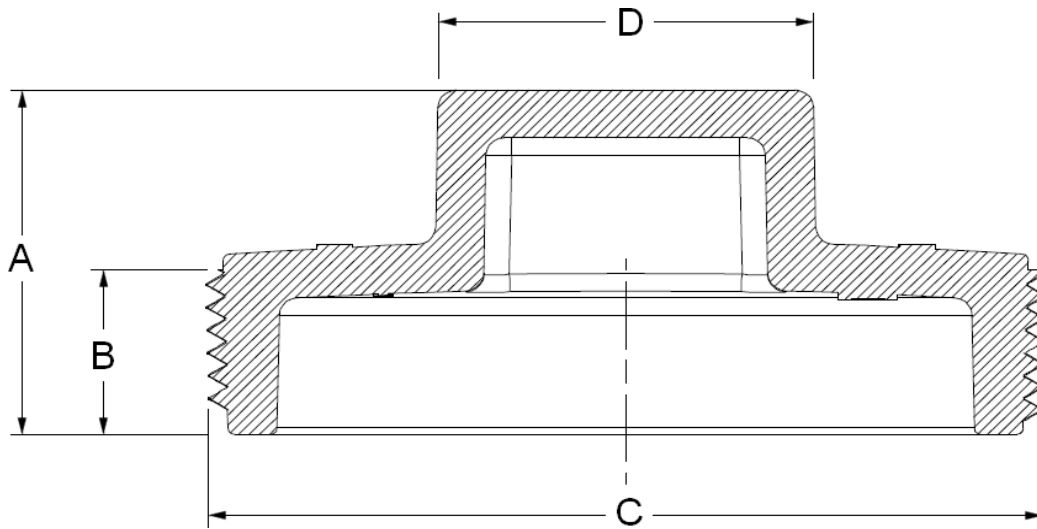
FITTING CLEANOUT ADAPTER W/ C.O. PLUG



INJECTION MOLDED FITTING

Part #	Size	A
105-X-3239	1.1/2	2.24
105-X-3240	2	2.32
105-X-3241	3	3.56
105-X-3242	4	3.88
105-X-3243	6	6.02

CLEANOUT PLUG



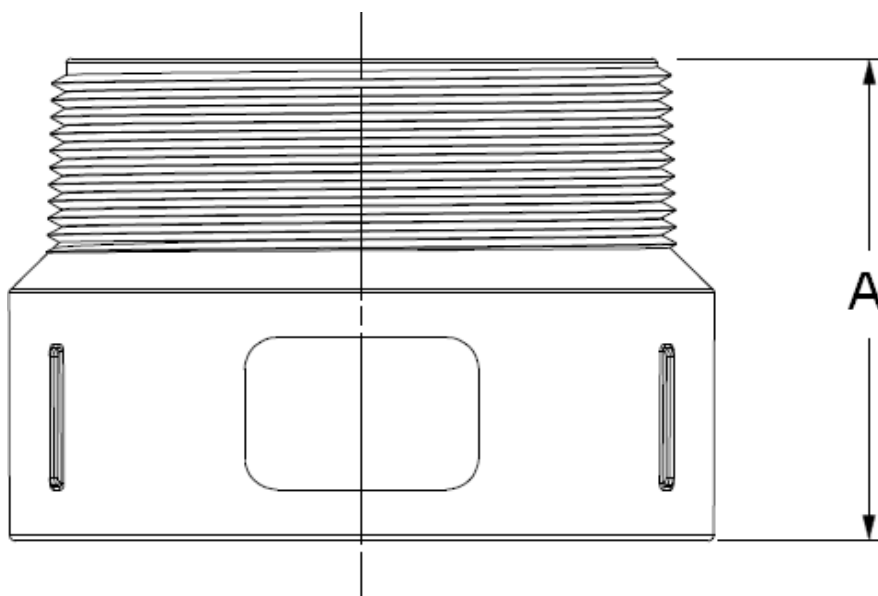
INJECTION MOLDED FITTING

Part #	Size	A	B	C	D
106-3251	1.1/2	1.38	0.65	1.84	0.99
106-3252	2	1.36	0.64	2.32	1.25
106-3253	3	1.72	0.79	3.46	1.62
103-3254	4	1.84	1.00	4.38	2.00
102-3255	6	2.04	0.96	6.55	2.29



LAYING LENGTHS

MALE ADAPTER



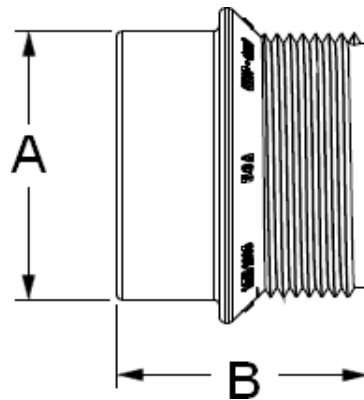
INJECTION MOLDED FITTING

Part #	Size	A
109-3285	1.1/4	1.77
109-3286	1.1/2	1.66
109-3287	2	1.57
109-3288	3	1.73
109-3289	4	3.18
109-3290	6	3.60



LAYING LENGTHS

TRAP ADAPTER MALE



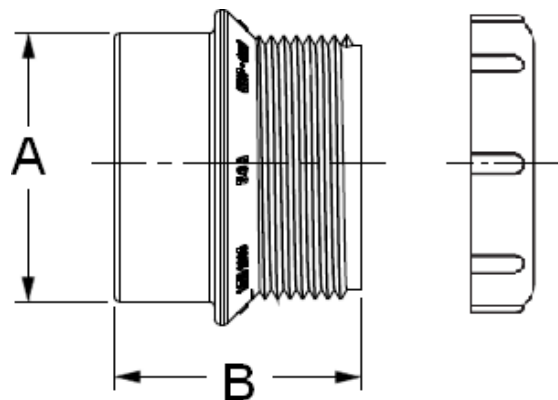
INJECTION MOLDED FITTING

Part #	Size	A	B
103.3209	1.1/2	1.89	1.65
103.3208	1.1/2 x 1.1/4	1.89	1.77



LAYING LENGTHS

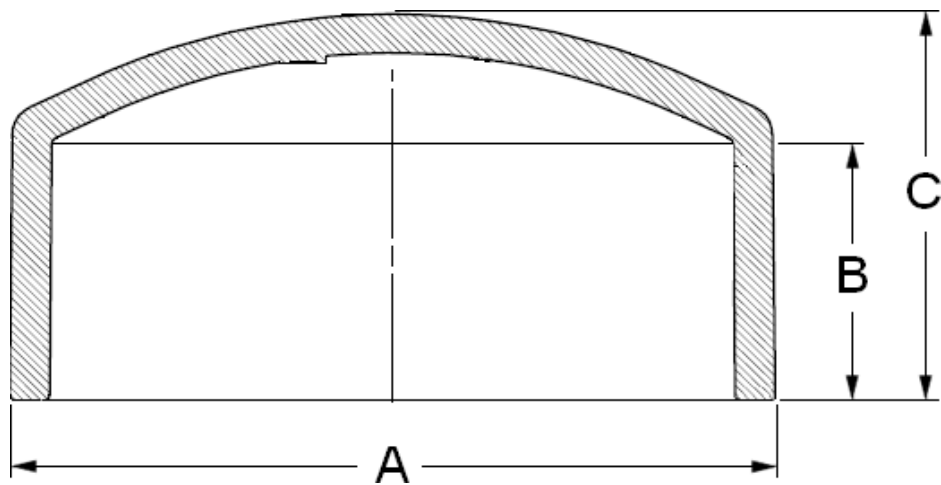
TRAP ADAPTER MALE W/ PLASTIC NUT



INJECTION MOLDED FITTING

Part #	Size	A	B
103-P-3211	1.1/2 x 1.1/4	1.89	1.65
103-P-3212	1.1/2	1.89	1.65

CAP



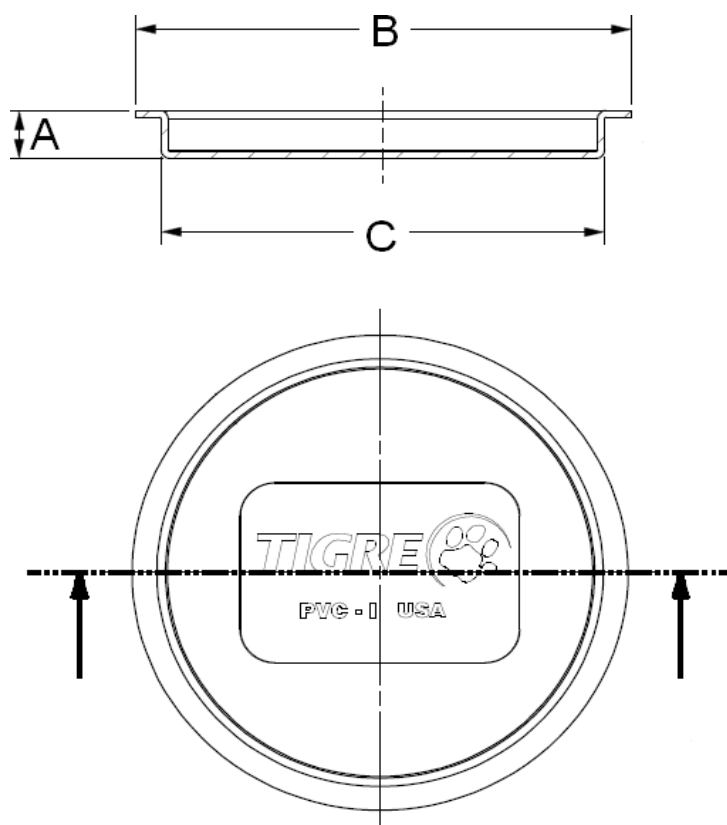
INJECTION MOLDED FITTING

Part #	Size	A	B	C
116-3301	1 1/5	2.24	0.70	1.08
116-3302	2	2.72	0.76	1.21
116-3303	3	3.98	1.49	2.25
116-3304	4	5.07	1.75	2.62
116-3305	6	7.23	3.05	3.34



LAYING LENGTHS

TEST CAP



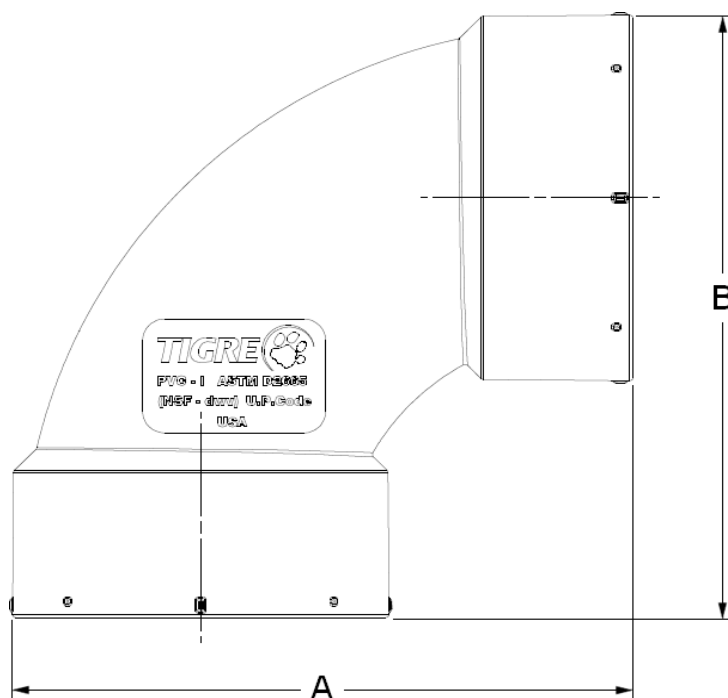
INJECTION MOLDED FITTING

Part #	Size	A	B	C
131-5285	1.1/2	0.34	1.86	1.58
131-5289	4	0.45	4.46	4.00



LAYING LENGTHS

1/4 BEND



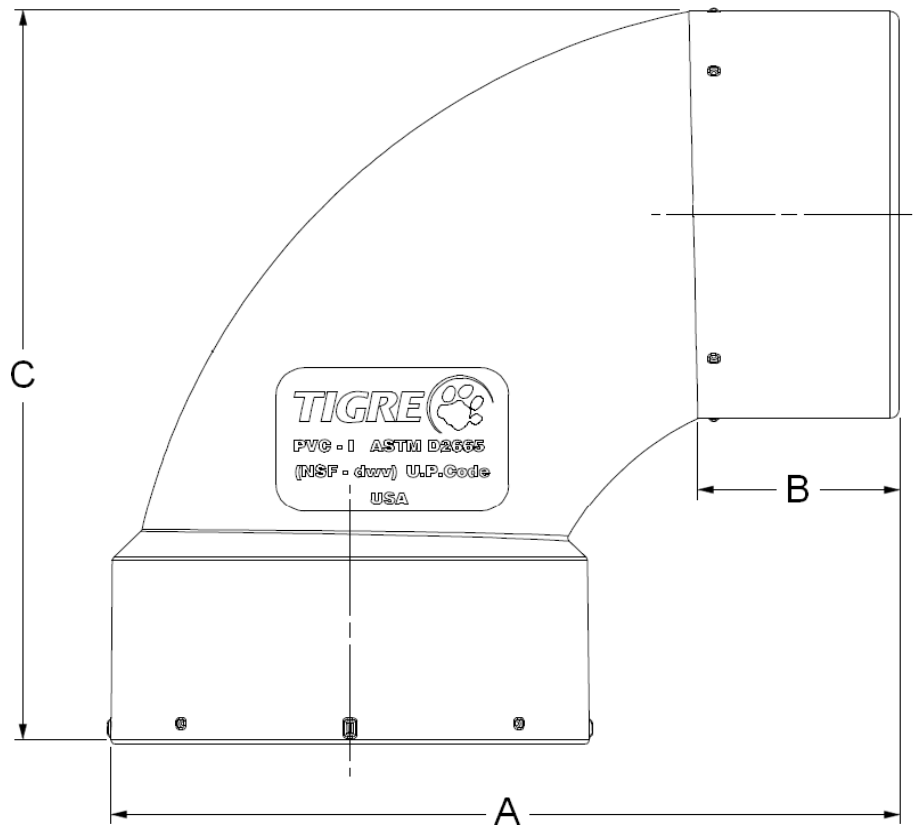
INJECTION MOLDED FITTING

Part #	Size	A	B
300-3354	1.1/4	3.30	3.24
300-3355	1.1/2	3.60	3.52
300-3356	2	4.44	4.41
300-3357	3	6.63	6.53
300-3358	4	8.24	8.27
300-3359	6	11.48	11.76



LAYING LENGTHS

1/4 BEND STREET



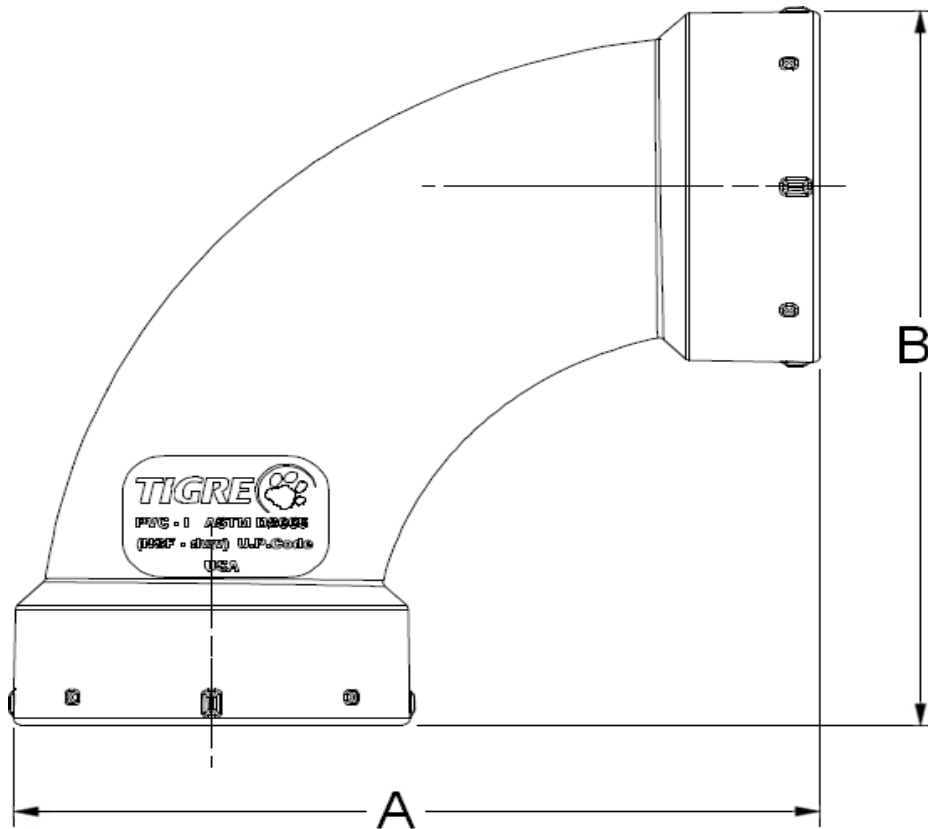
INJECTION MOLDED FITTING

Part #	Size	A	B	C
302-3369	1.1/4	3.16	0.82	0.08
302-3370	1.1/2	3.47	0.86	3.38
302-3371	2	4.42	0.80	4.25
302-3372	3	6.48	1.54	6.28
302-3373	4	8.08	1.95	7.8
302-3374	6	11.65	3.11	11.34



LAYING LENGTHS

LONG SWEEP 1/4 BEND



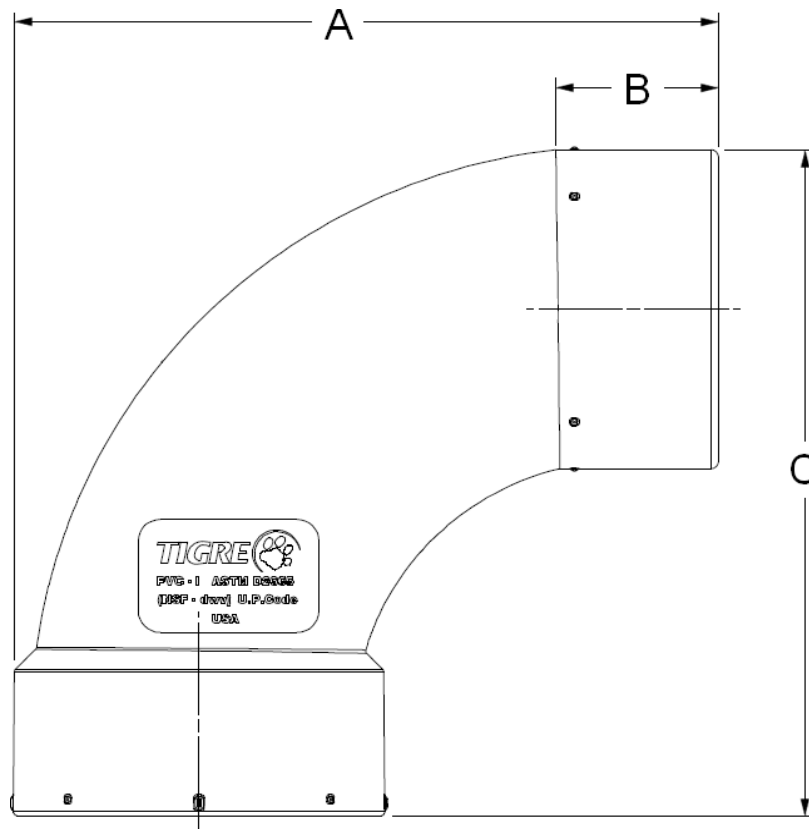
INJECTION MOLDED FITTING

Part #	Size	A	B
304-3378	1.1/2	4.53	4.55
304-3379	2	5.30	5.30
304-3380	3	7.62	7.50
304-3381	4	9.30	9.45



LAYING LENGTHS

LONG SWEEP 1/4 BEND STREET



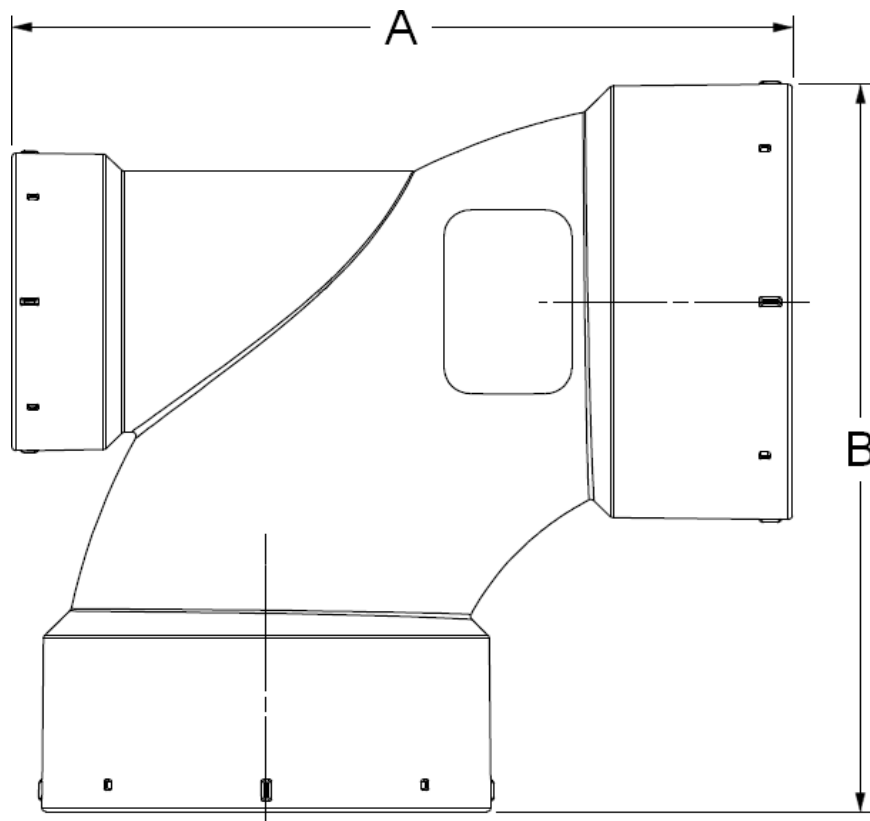
INJECTION MOLDED FITTING

Part #	Size	A	B	C
3093386	1.1/2	4.63	0.74	4.36
309-3387	2	5.42	0.84	5.18
309-3388	3	7.46	1.48	7.22
309-3389	4	9.52	1.80	9.11



LAYING LENGTHS

1/4 BEND W/ LOW HEEL INLET



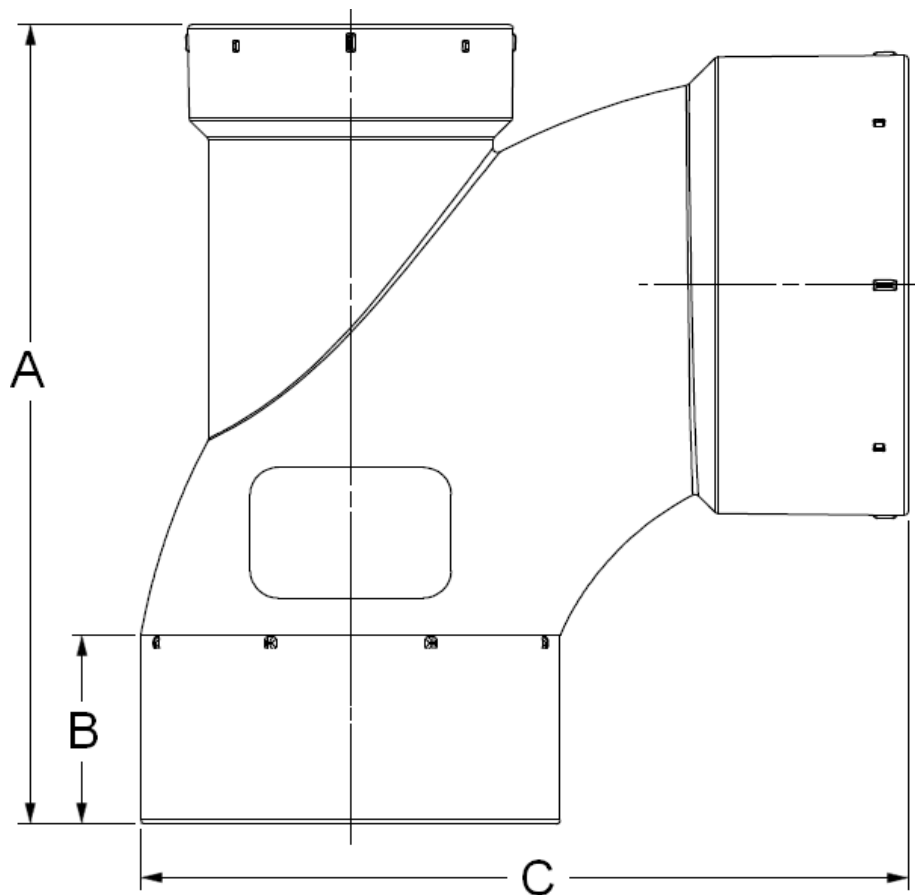
INJECTION MOLDED FITTING

Part #	Size	A	B
303-3376	3 x 2	6.94	6.56



LAYING LENGTHS

1/4 BEND STREET W/ LOW HEEL INLET



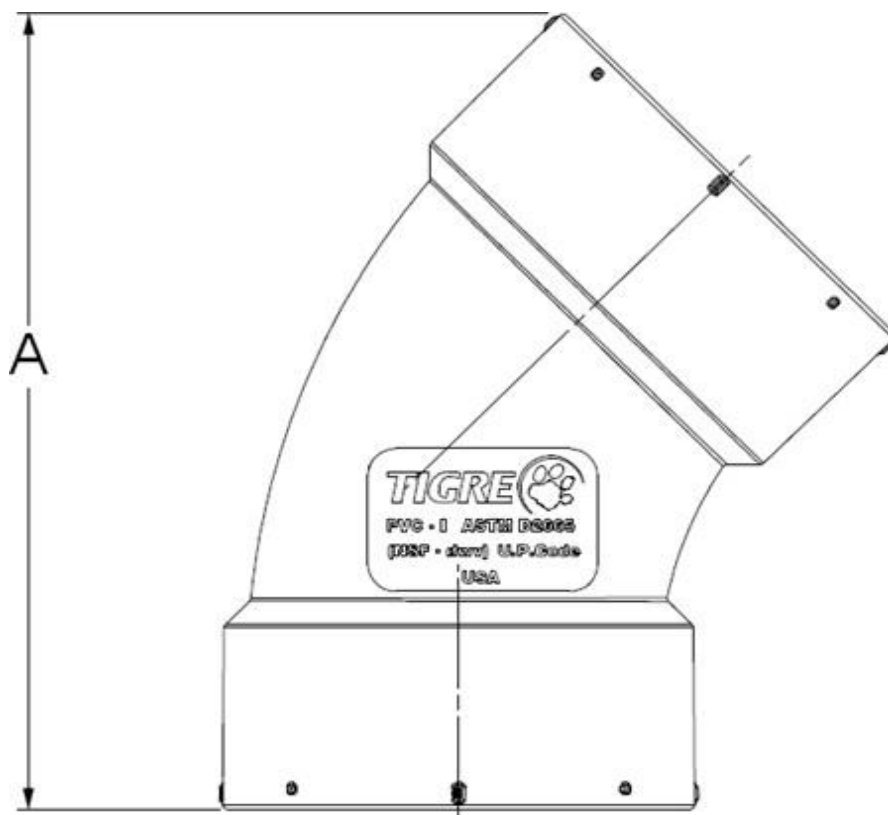
INJECTION MOLDED FITTING

Part #	Size	A	B	C
310.4153	3 x 2	6.92	1.49	6.38



LAYING LENGTHS

1/8 BEND



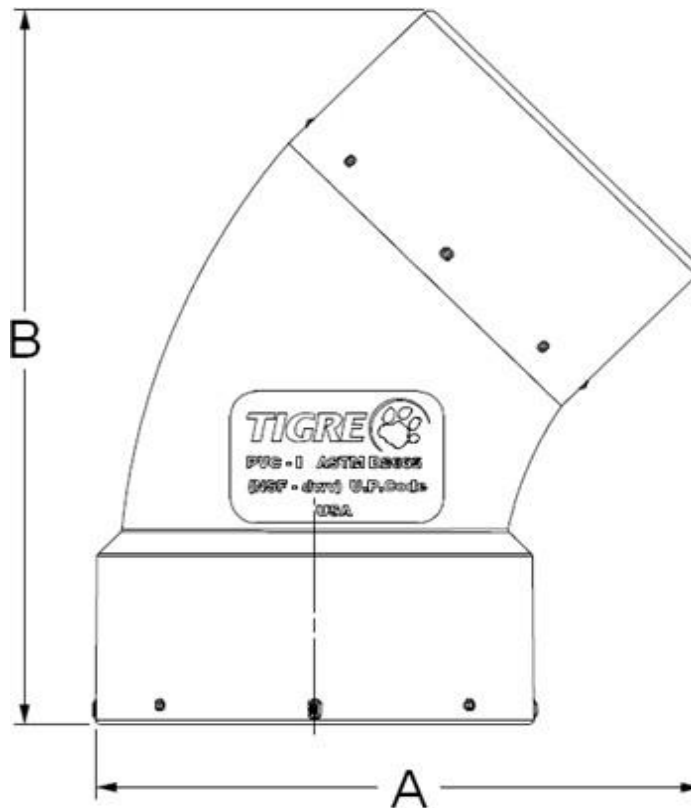
INJECTION MOLDED FITTING

Part #	Size	A
321-3401	1.1/2	3.89
321-3402	2	4.79
321-3403	3	6.93
321-3404	4	8.55
321-3405	6	11.37



LAYING LENGTHS

1/8 BEND STREET



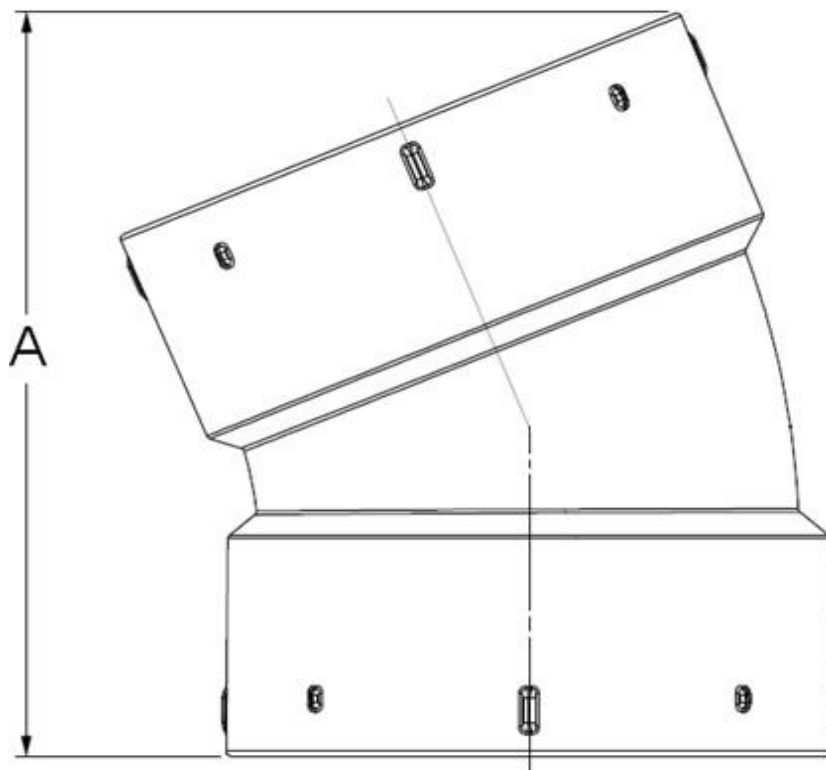
INJECTION MOLDED FITTING

Part #	Size	A	B
323-3408	1.1/2	3.05	3.76
323-3409	2	4.65	4.65
323-3410	3	6.73	6.73
323-3411	4	8.06	8.06
323-3412	6	11.09	11.09



LAYING LENGTHS

1/16 BEND



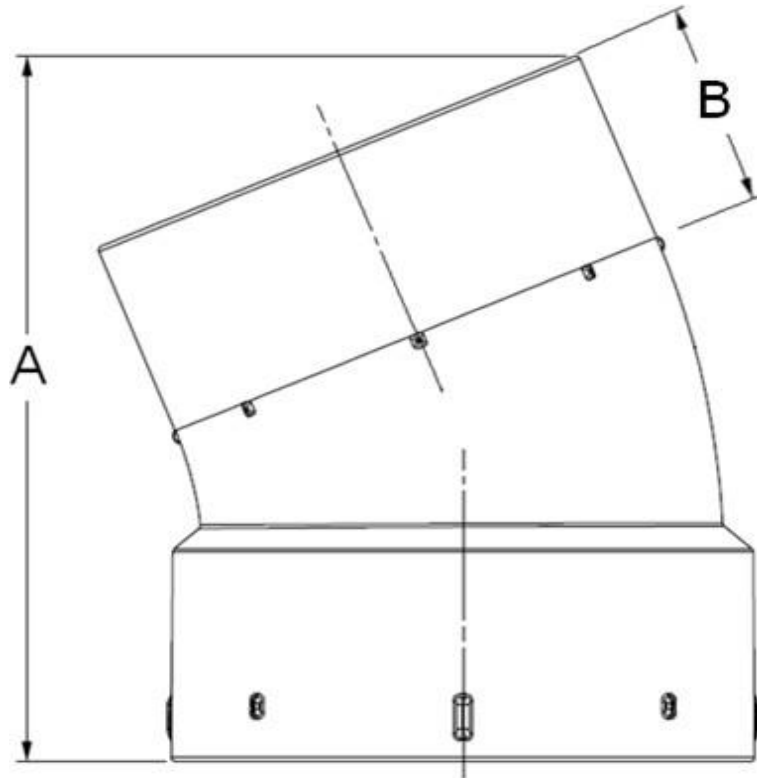
INJECTION MOLDED FITTING

Part #	Size	A
324-3416	1.1/2	2.89
324-3417	2	3.41
324-3418	3	5.41
324-3419	4	6.39



LAYING LENGTHS

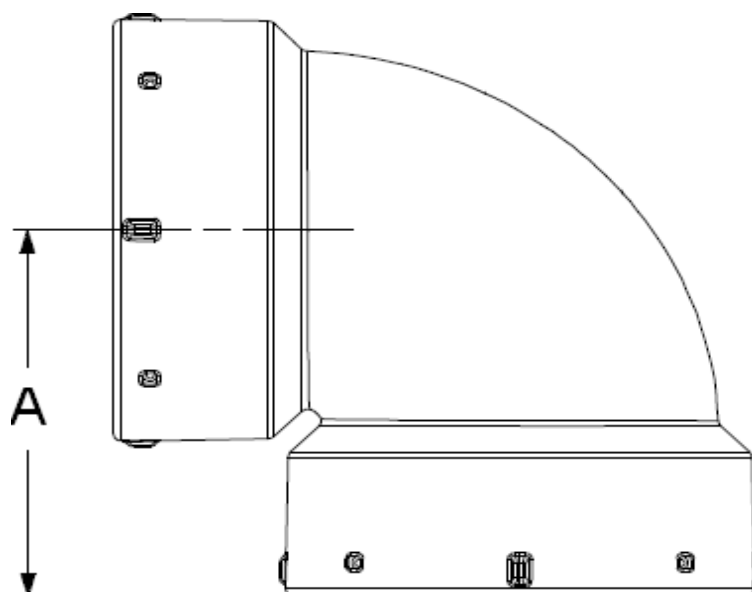
1/16 BEND STREET



INJECTION MOLDED FITTING

Part #	Size	A	B
326-3421	1.1/2	2.82	0.70
326-3422	2	3.35	0.77
326-3423	3	5.28	1.49
326-3424	4	6.28	1.79

VENT ELL



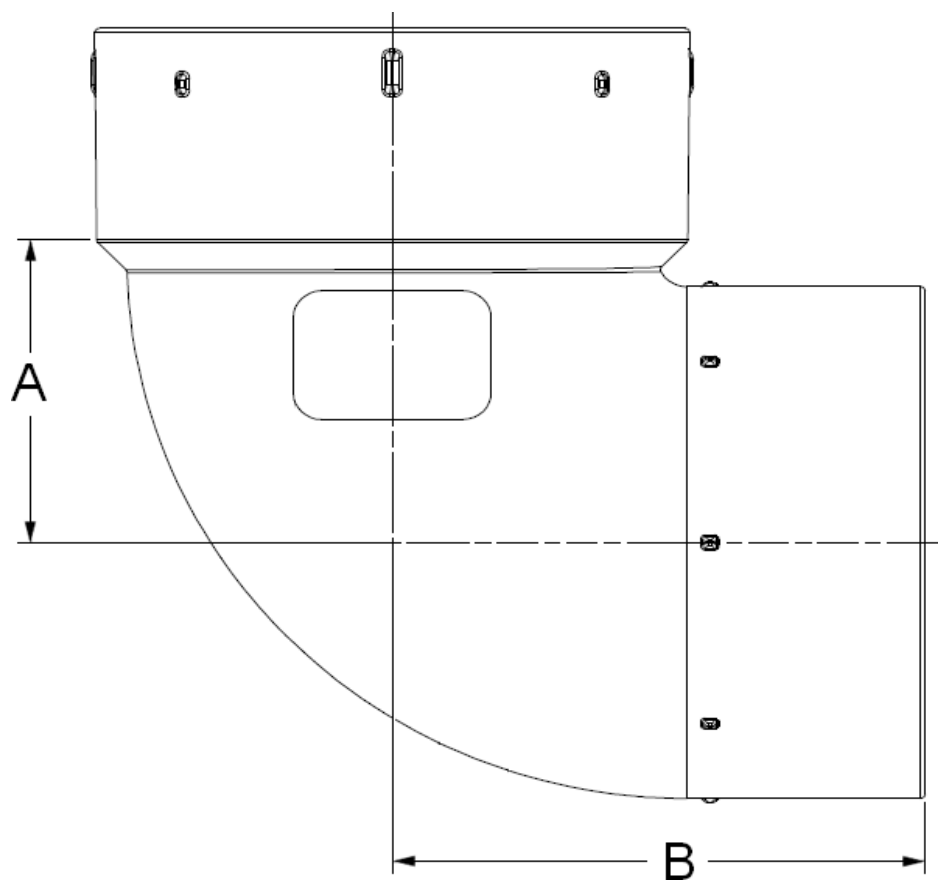
INJECTION MOLDED FITTING

Part #	Size	A
331-3434	1.1/2	3.03
331-3435	2	3.64
331-3436	3	5.74



LAYING LENGTHS

VENT ELL STREET



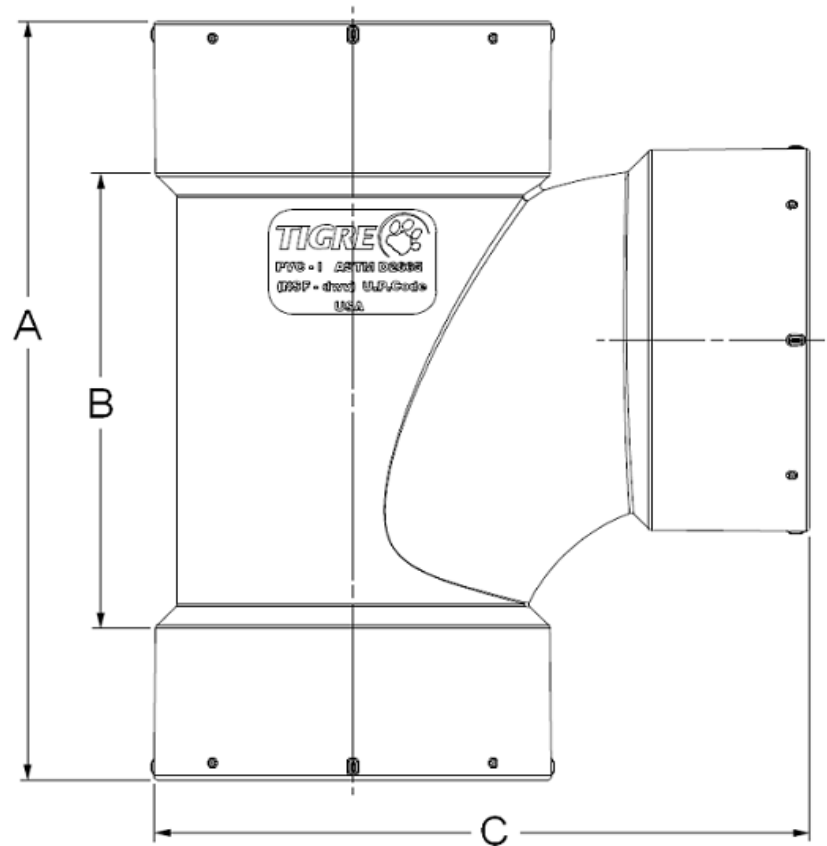
INJECTION MOLDED FITTING

Part #	Size	A	B
333-3441	1.1/2	1.27	1.95
333-3442	2	1.49	2.25
333-3443	3	2.28	3.79



LAYING LENGTHS

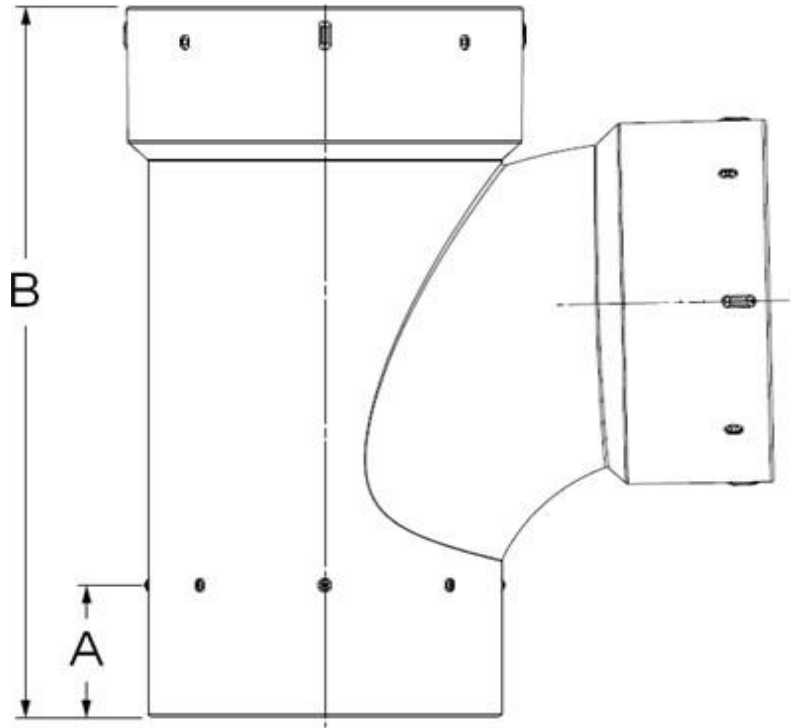
SANITARY TEE



INJECTION MOLDED FITTING

Part #	Size	A	B	C
400-3462	1.1/4	3.85	2.33	3.27
400-3463	1.1/2	4.14	2.61	3.57
400-3464	2	5.50	3.50	4.48
400-3465	3	7.88	4.00	6.61
400-3466	4	9.87	6.1	8.22
400-3467	6	15.04	8.18	11.88

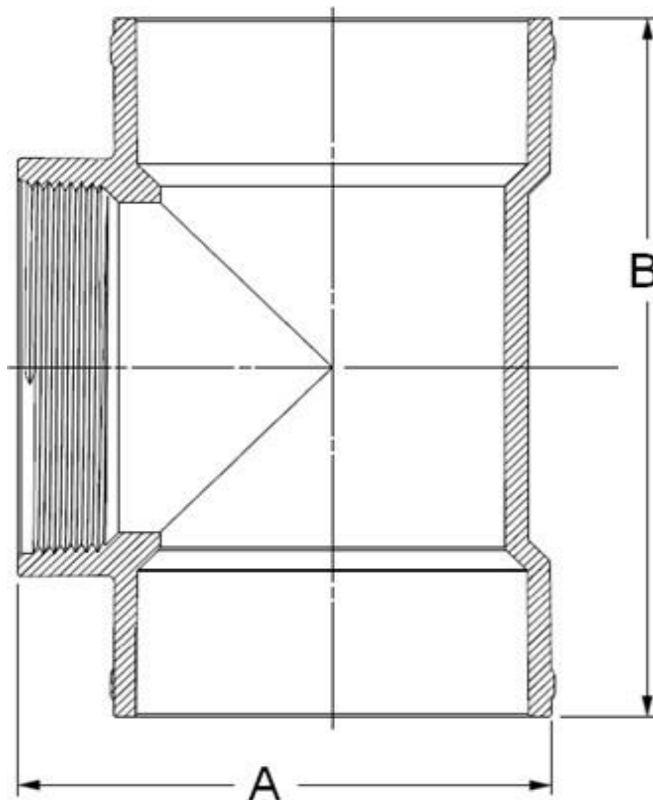
SANITARY TEE STREET



INJECTION MOLDED FITTING

Part #	Description	A	B
403-3479	1½	0.68	4.42
403-3480	2	0.74	5.47
403-3481	3	1.54	7.90
403-3482	4	1.75	9.85
403-3483	6	3.00	14.35
404-3487	4 x 4 x 2	1.90	9.43
404-3488	4 x 4 x 3	1.92	9.41

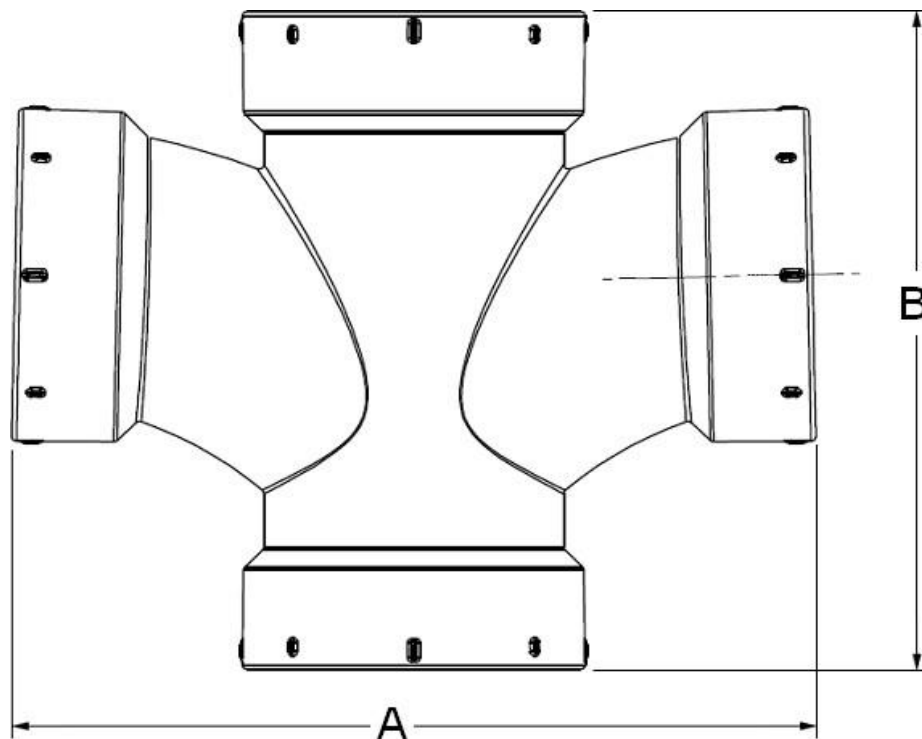
CLEAN OUT TEE



INJECTION MOLDED FITTING

Part #	Size	A	B
444-3534	1.1/2	3.02	3.91
444-3535	2	3.57	4.63
444-3536	3	4.76	6.95
444-3537	4	6.14	8.41

DOUBLE SANITARY TEE



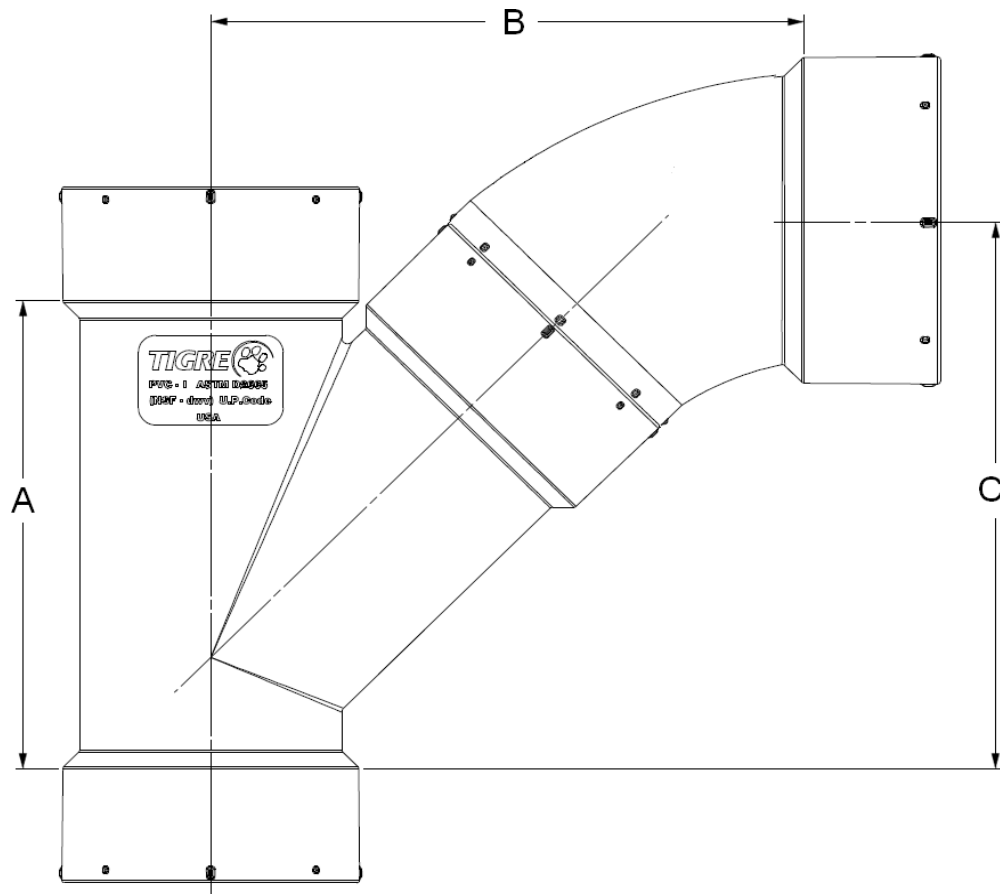
INJECTION MOLDED FITTING

Part #	Size	A	B
428-3510	2	6.34	5.37
428-3511	3	8.94	7.81
428-3514	3 x 1.1/2	7.28	6.49
428-3516	3 x 2	11.75	9.31



LAYING LENGTHS

COMBINATION WYE AND 1/8 BEND (2 PIECES)



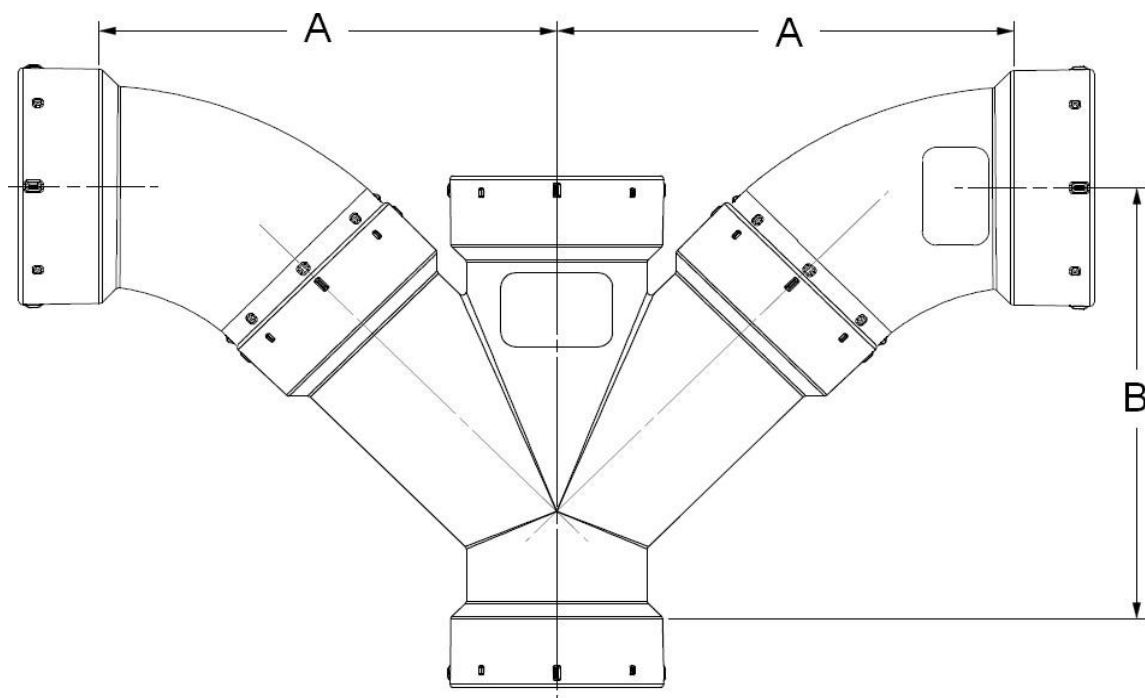
INJECTION MOLDED FITTING

Part #	Size	A	B	C
503-3572	3	6.40	7.40	9.51
503-3573	4	8.07	9.18	8.46
503-3574	6	9.95	11.63	15.22
503-3580	4 x 4 x 3	6.55	9.77	7.72
504-3582	6 x 6 x 4	9.96	11.88	9.43



LAYING LENGTHS

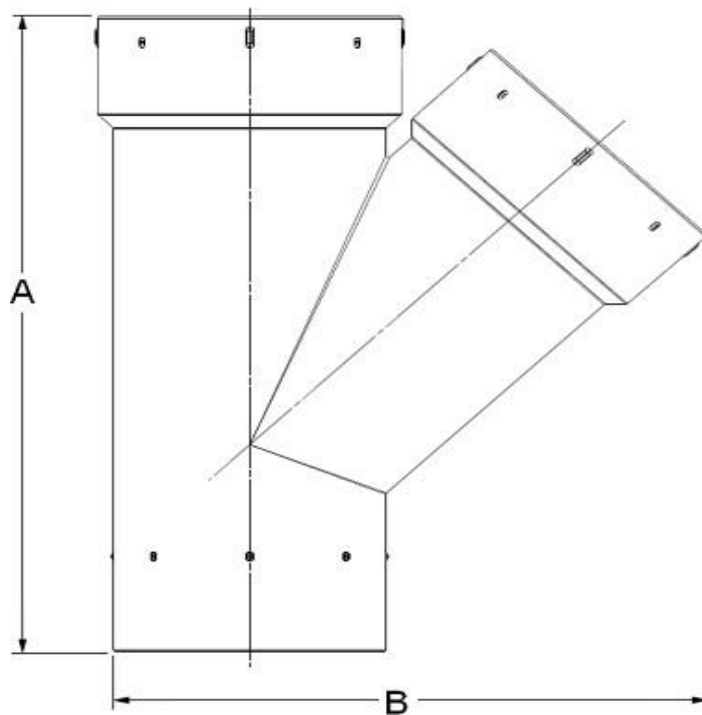
DOUBLE COMBINATION WYE AND 1/8 BEND (2 PIECES)



INJECTION MOLDED FITTING

Part #	Size	A	B
507-3590	1.1/2	5.20	5.31
507-3592	2 x 2 x 1.1/2	4.83	5.63

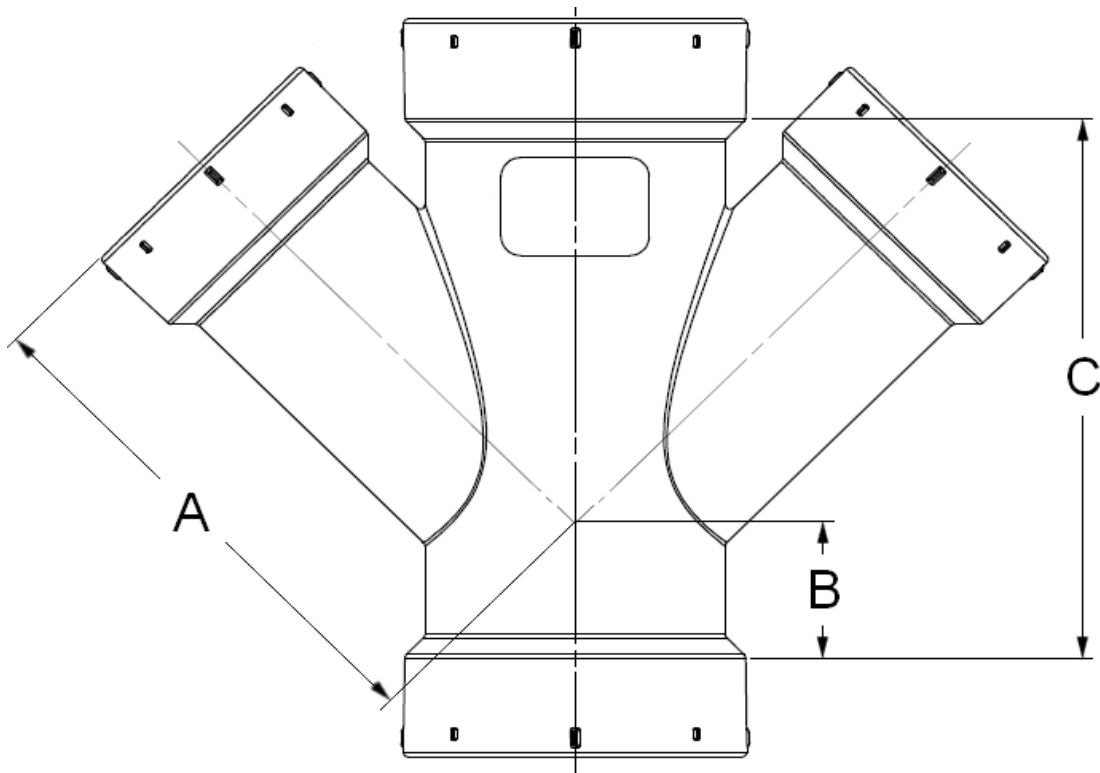
WYE STREET



INJECTION MOLDED FITTING

Part #	Size	A	B
602-3629	1½	5.40	4.25
602-3630	2	6.51	5.26
602-3631	3	9.62	7.74
602-3632	4	12.13	10.11
603-3635	4 x 4 x 2	11.55	8.85
602-3636	4 x 4 x 3	11.55	8.99

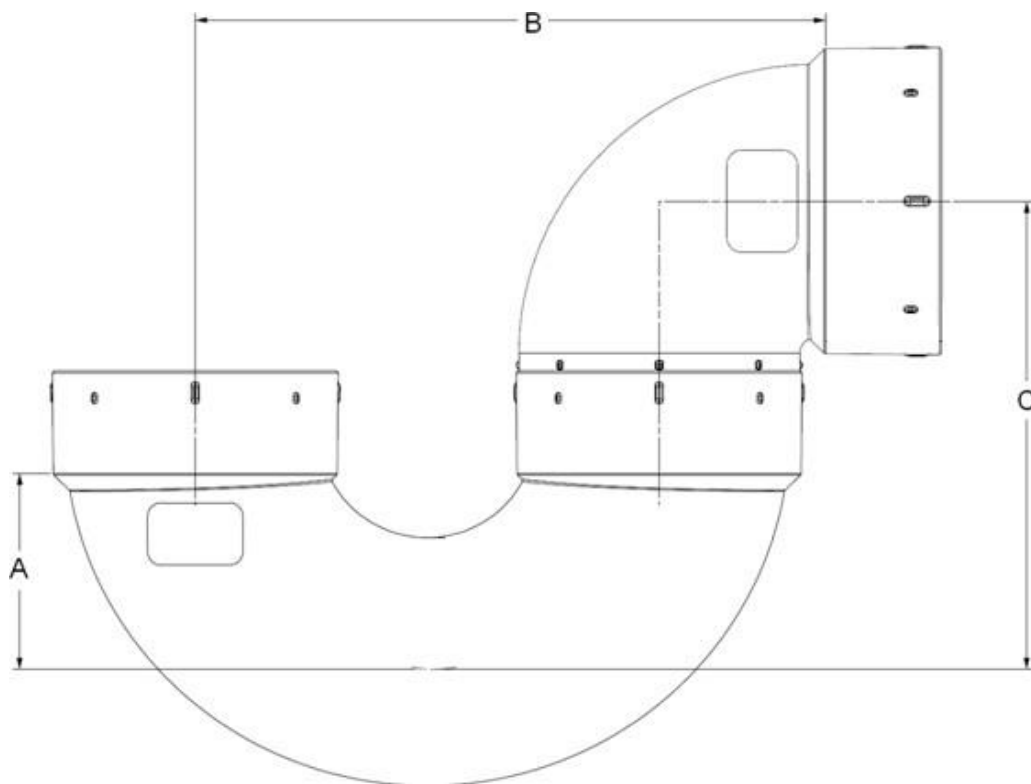
DOUBLE WYE



INJECTION MOLDED FITTING

Part #	Size	A	B	C
611-3637	1.1/2	3.69	1.08	4.02
611-3641	6	8.42	1.70	10.06
612-3643	2 x 2 x 1.1/2	4.34	0.90	4.38

PTRAP



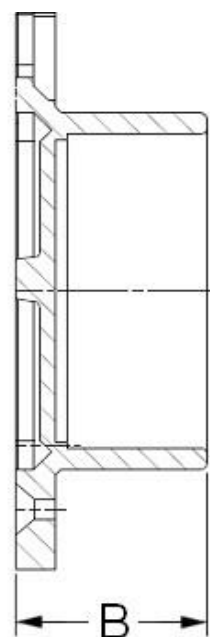
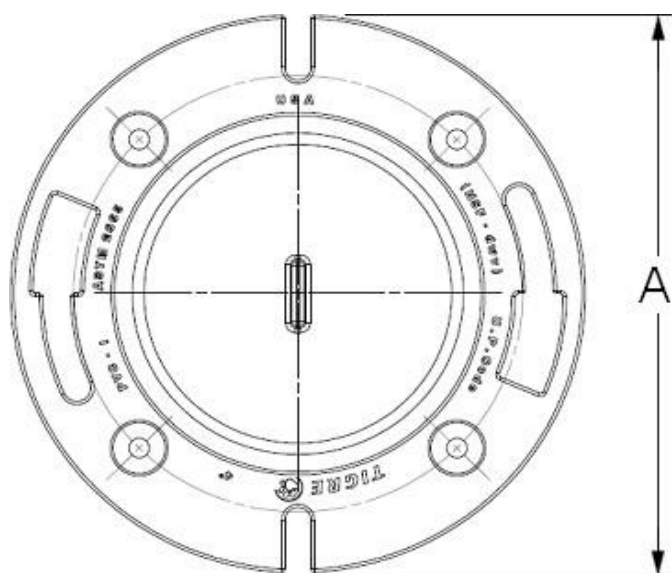
INJECTION MOLDED FITTING

Part #	Size	A	B	C
706-X-3668	1.1/2	1.51	5.47	3.55
706-X-3669	2	2.13	7.47	4.32
706-X-3670	3	2.67	10.12	6.59
706-X-3671	4	3.44	12.62	7.98



LAYING LENGTHS

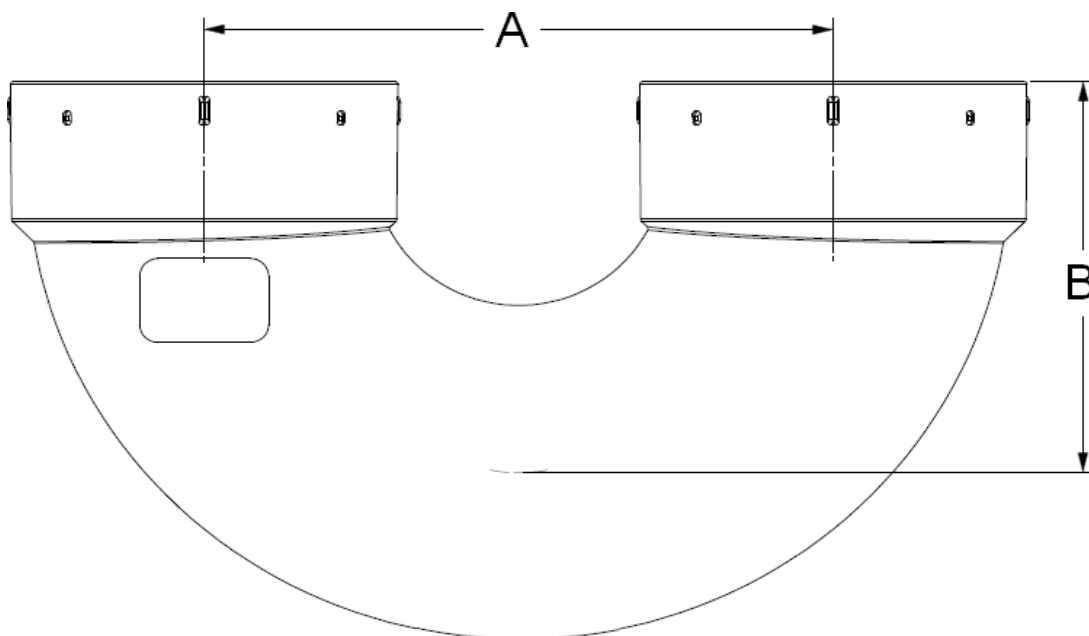
CLOSET FLANGE



INJECTION MOLDED FITTING

Part #	Size	A	B
800-KO-3706	4	7.01	2.35
801-3707	4 x 3	6.98	2.65
800-3703	4 x 3	6.99	2.65

RETURN BEND



INJECTION MOLDED FITTING

Part #	Size	A	B
700-3653	1.1/2	3.54	2.27
700-3654	2	5.31	2.94
700-3655	3	6.38	4.26
700-3656	4	8.19	5.27