



SAMPLE SPECIFICATIONS (Current ANSI/AWWA revisions apply)

4" through 24" Push-On joint ductile iron fittings shall be produced in accordance with all applicable terms and provisions of ANSI/AWWA C153/A21.53. Fittings are cement-lined and seal-coated in accordance with ANSI/AWWA C104/A21.4. Joints shall be in accordance with manufacturer's design with bell sockets designed to receive pressure pipe O.D.'s as specified in ANSI/AWWA C151/A21.51 and AWWA C900 TABLE 2. The working pressure rating shall be 350 PSI, except for wyes and flanged-branch fittings. NOTE: Fittings are cement lined and seal coated in accordance with ANSI/AWWA C104/A21.4, also available bare or epoxy coated. Double cement lined available. Coated and/or lined fittings meet NSF-61, NSF-372 and Annex G.

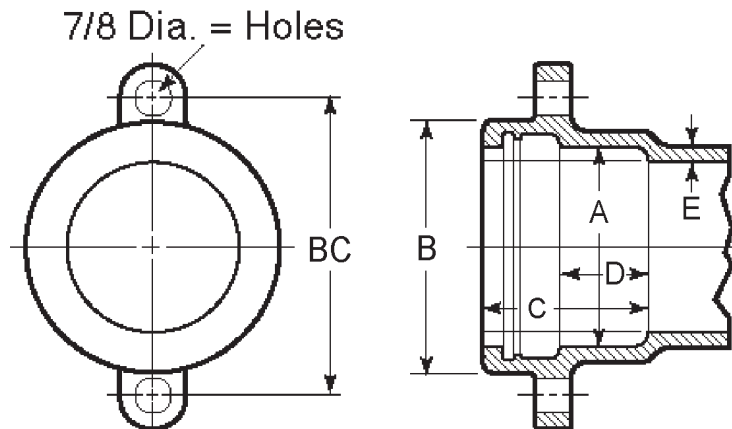
Thicknesses and dimensions of bell sockets and gaskets shall be in accordance with the manufacturer's design. Gaskets shall be furnished by the manufacturer. Working pressures apply to fittings only and do not apply to restraining lugs or external restraining devices. Installation of fittings shall be per AWWA C600 and AWWA C651, current revision.

NOTE: Standard restraining lugs are provided on sizes 4" through 16" ONLY. Restraining lugs are available on 18"-24" fittings provided sufficient time is available to make tooling adaptations.

EXCEPTIONS: Union-Tite fittings with flanged branches are rated for water pressure of 250 PSI but can be rated for 350 PSI with the use of an annular ring or comparable gasket. Wye fittings over 12" are not pressure rated, call Tyler Union for information.

ADVANTAGES AND FEATURES

- Push-on gasket joint uses **TYTON®** or **McWane 350 Sure Stop®** gaskets
- For use with Ductile iron pipe, C-900/905 PVC pipe, and 4"-12" pressure rated IPS diameter PVC pipe (with transition gasket)
- Deep stab joint design accommodates common spigot end taper on plastic pipes
- Slip joint installation eliminates T-bolts and nuts (MJ glands not needed)



BELL DIMENSIONS IN INCHES FOR UNION-TITE FITTINGS

Pipe Size	A	B	B.C.	C	D	E
4	5.04	6.38	7.88	4.16	2.25	.35
6	7.14	8.52	10.50	4.29	2.25	.37
8	9.32	10.90	12.88	4.78	2.25	.39
10	11.37	12.91	14.69	4.98	2.25	.41
12	13.47	15.12	17.19	4.98	2.25	.43
14	15.64	18.12	19.00	5.40	2.25	.51
16	17.74	20.32	21.40	5.40	2.25	.52
18	19.83	22.52	...	5.40	2.25	.59
20	21.94	24.29	...	5.40	2.25	.60
24	26.14	29.14	...	5.65	2.50	.62

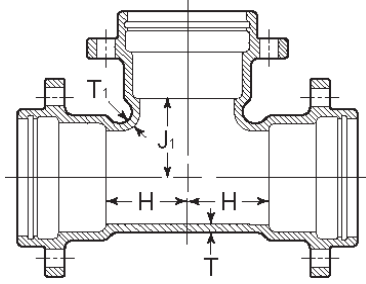
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For Joint deflection, refer to Tyler Union product submittal 26U located on page 65 of this catalog.

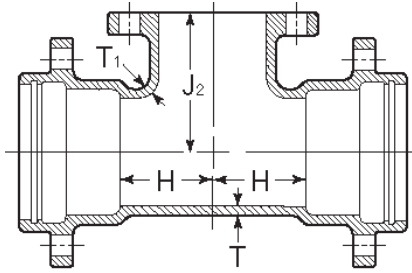


UNION-TITE DUCTILE IRON C153 COMPACT FITTINGS

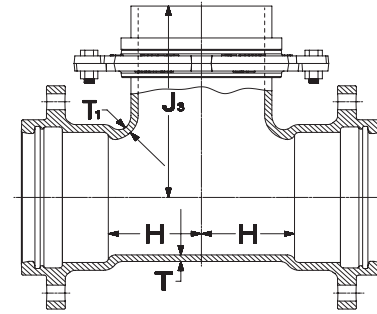
TEES



UT x UT Tees



UT x Flange Tees



UT x Swivel Tees

Size	Dimensions						UT x UT	Weights	
	T	T1	*H	*J1	*J2	*J3		UT x Flange	UT x Swivel
4	.35	.35	4.5	4.5	6.5	...	44	45	...
6x4	.37	.35	5.0	6.0	8.0	...	68	56	...
6	.37	.37	6.0	6.0	8.0	9.5	69	71	65
8x4	.39	.35	5.0	7.0	9.0	...	73	89	...
8x6	.39	.37	6.0	7.0	9.0	10.5	96	101	100
8	.39	.39	7.0	7.0	9.0	10.5	116	117	110
10x4	.41	.35	6.0	9.0	11.0	...	102	115	...
10x6	.41	.37	7.0	9.0	11.0	12.5	113	128	130
10x8	.41	.39	8.0	9.0	11.0	12.5	145	145	156
10	.41	.41	9.0	9.0	11.0	...	155	158	...
12x4	.43	.35	6.0	10.0	12.0	...	119	138	...
12x6	.43	.37	7.0	10.0	12.0	13.5	141	148	162
12x8	.43	.39	8.0	10.0	12.0	13.5	177	170	158
12x10	.43	.41	9.0	10.0	12.0	...	160	162	...
12	.43	.43	10.0	10.0	12.0	...	217	183	...
14x6	.51	.44	6.5	10.5	12.5	14.0	176	212	202
14x10	.51	.46	8.5	10.5	12.5	...	195	246	...
14x12	.51	.47	9.5	10.5	12.5	...	196	296	...
14	.51	.51	10.5	10.5	14.0	...	209	321	...
16x6	.52	.45	6.5	11.5	13.5	15.0	266	160	229
16x8	.52	.46	7.5	11.5	13.5	15.0	292	270	292
16x10	.52	.47	8.5	11.5	13.5	...	232	330	...
16x12	.52	.48	9.5	11.5	13.5	...	239	321	...
16x14	.52	.51	10.5	11.5	15.0	...	349	342	...
16	.52	.52	11.5	11.5	15.0	...	261	355	...
18x6	.59	.44	6.5	12.5	14.5	16.13	348	301	348
18x8	.59	.45	7.5	12.5	14.5	16.13	325	319	324
18x10	.59	.47	8.5	12.5	14.5	...	344	337	...
18x14	.59	.56	10.5	12.5	16.0	...	342	393	...
18x16	.59	.57	11.5	12.5	16.0	...	362	420	...
20x6	.60	.44	7.0	14.0	16.0	17.5	355	341	400
20x10	.60	.47	9.0	14.0	16.0	...	369	420	...
20x14	.60	.56	11.0	14.0	17.5	...	484	474	...
20x16	.60	.57	12.0	14.0	17.5	...	610	498	...
20x18	.60	.59	13.0	14.0	17.5	...	539	...	...
24x6	.62	.44	7.0	16.0	18.0	19.5	385	512	525
24x10	.62	.47	9.0	16.0	18.0	...	478	468	...
24x12	.62	.49	10.0	16.0	18.0	...	663	503	...
24x14	.62	.56	11.0	16.0	19.5	...	542	531	...
24x16	.62	.57	12.0	16.0	19.5	...	566	555	...
24x18	.62	.59	13.0	16.0	...	...	593	...	...
24x20	.62	.60	15.0	17.0	...	...	628	...	...
24	.62	.62	17.0	17.0	...	...	884	...	...