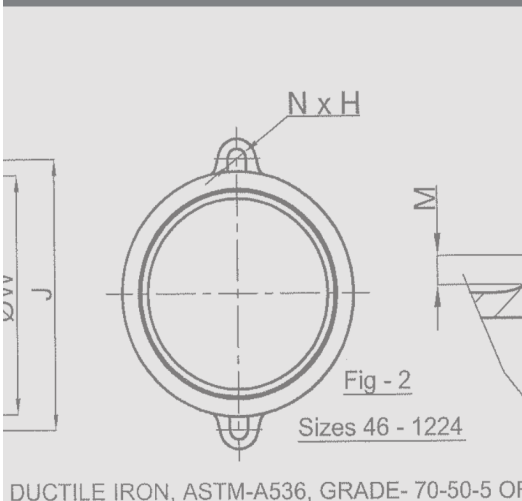




Quality – Service – Commitment – Delivered.

## C110 DUCTILE IRON PUSH-ON FITTINGS



### C110 DUCTILE IRON PUSH-ON FITTINGS BASIC SPECIFICATIONS

**SIZES:**

- 4" - 24"

**MATERIAL:**

- Ductile Iron ASTM A536, Grade 65-45-12, 60-42-10 or 70-50-05.

**PRESSURE:**

- 350 PSI Water Working Pressure 4" - 24"

**TESTING:**

- In accordance with ANSI/AWWA C110/A21.10
- In accordance with UL - FM requirements.
- All fittings are hydrostatically tested in accordance with SIGMA Quality Management Standard.
- All fittings are heat coded to ensure traceability and verification of metallurgical properties in accordance with SIGMA Quality Management Standards.

**LAYING LENGTH:**

- In accordance with ANSI/AWWA C110/A21.10.

**DEFLECTION:**

- Up to 5 degrees, in accordance with TYTON JOINT bell design.

**CEMENT LINING:**

- Double cement lined in accordance with ANSI/AWWA C104 / A21.4.

**COATING:**

- Interior of fitting is seal coated (asphaltic material) in accordance with ANSI AWWA C104/A21.4 and NSF61 approved.
- Exterior of fitting is seal coated (asphaltic material) in accordance with ANSI/AWWA C110/A21.10 and NSF approved.

**GASKETS:**

- Dual hardness SBR in accordance with ANSI/AWWA C111/A21.11.
- Also available in EPDM, NBR and CR.

**JOINT:**

- TYTON JOINT design

**APPROVALS:**

- 4"-16" Underwriters Laboratories listed and Factory Mutual Approved.

**STANDARDS:**

- Certified to NSF61 Standard including Annex G.
- ANSI/AWWA C110/A21.10 for Full Body Ductile Iron Push-On Fittings for water and other liquids.

**INSTALLATION:**

- Per ANSI/AWWA C600 and C111 using DIP conforming to C150/C151 and PVC pipe conforming to C900/C905.

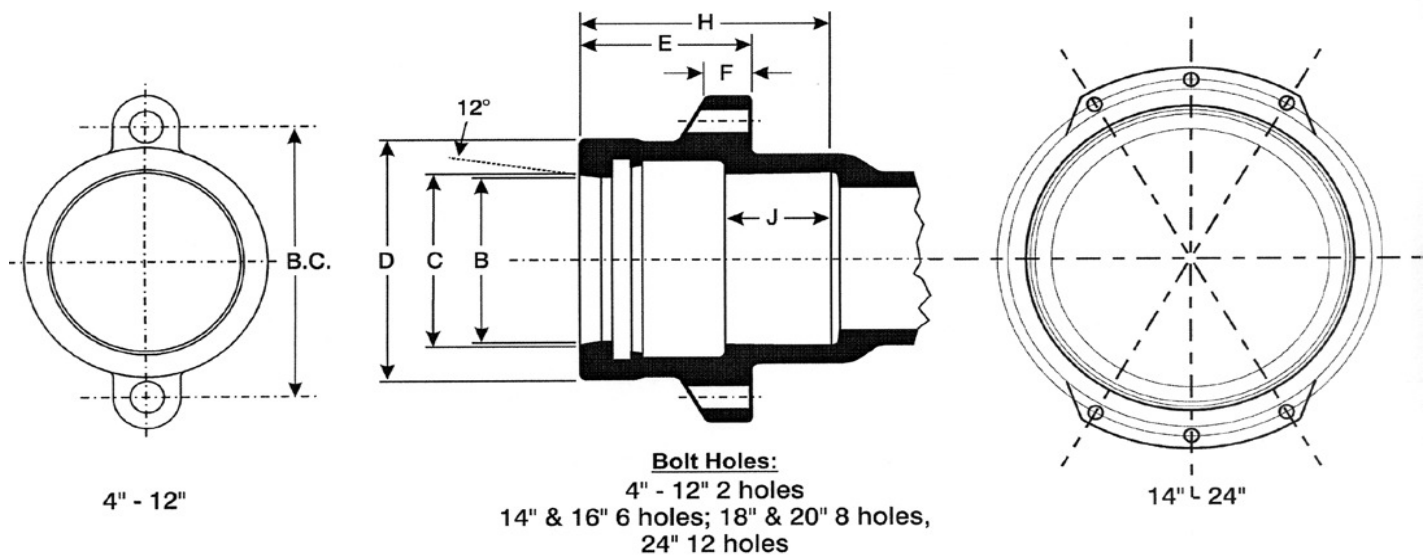
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# C110 Push On Joint Fittings



## Bell Specifications for C110 Full Body Cast Iron/Ductile Iron Push On Fittings

Size	B	D	B.C.	H	J	E	F
4	4.90	7.08	8.00	4.00	1.72	2.58	1.25
6	7.00	9.28	10.16	4.00	1.72	2.40	1.25
8	9.15	11.85	12.56	4.50	1.86	3.00	1.25
10	11.20	13.68	14.94	4.50	2.06	2.88	1.25
12	13.30	16.06	17.16	5.00	2.36	3.25	1.25
14	15.44	19.75	18.75	5.00	2.48	3.50	1.25
16	17.54	20.14	23.88	6.00	2.98	3.50	1.25
18	19.64	23.75	25.00	6.00	3.50	3.50	1.25
20	21.74	26.00	27.25	6.00	3.80	3.75	1.25
24	25.94	30.50	32.00	6.00	3.80	3.75	1.25

Dimensions in inches  
 Weights in pounds

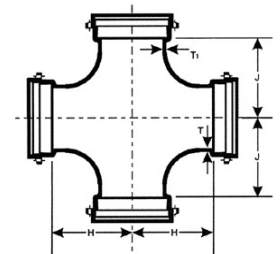


## Full Body Cast Iron and Ductile Iron Push-On Plugs

Plug Size	Cast Iron		Ductile Iron		T	Approx. Weight
	Dished Item No.	Tapped Item No.	Dished Item No.	Tapped Item No.		
4	CPP4	CPTP4	XPP4	XPTP4	.60	17
6	CPP6	CPTP6	XPP6	XPTP6	.65	32
8	CPP8	CPTP8	XPP8	XPTP8	.70	48
10	CPP10	CPTP10	XPP10	XPTP10	.75	68
12	CPP12	CPTP12	XPP12	XPTP12	.75	86
14	CPP14	CPTP14	XPP14	XPTP14	1.00	130
16	CPP16	CPTP16	XPP16	XPTP16	1.41	167
18	CPP18	CPTP18	XPP18	XPTP18	1.25	245
20	CPP20	CPTP20	XPP20	XPTP20	1.40	275
24	CPP24	CPTP24	XPP24	XPTP24	1.50	400

## Crosses

Run	Branch	Item Number		H	J	T	T1	Weight
		CI	DI					
4	4	CPC44	XPC44	6.50	6.50	.52	.52	109
6	4	CPC64	XPC64	8.00	8.00	.55	.52	150
6	6	CPC66	XPC66	8.00	8.00	.55	.55	172
8	4	CPC84	XPC84	9.00	9.00	.60	.52	214
8	6	CPC86	XPC86	9.00	9.00	.60	.55	250
8	8	CPC88	XPC88	9.00	9.00	.60	.60	263
10	4	CPC104	XPC104	11.00	11.00	.68	.52	314
10	6	CPC106	XPC106	11.00	11.00	.68	.55	294
10	8	CPC108	XPC108	11.00	11.00	.68	.60	326
10	10	CPC1010	XPC1010	11.00	11.00	.80	.80	353
12	4	CPC124	XPC124	12.00	12.00	.75	.52	405
12	6	CPC126	XPC126	12.00	12.00	.75	.55	405
12	8	CPC128	XPC128	12.00	12.00	.75	.60	442
12	10	CPC1210	XPC1210	12.00	12.00	.87	.80	522
12	12	CPC1212	XPC1212	12.00	12.00	.87	.87	558
14	6	CPC146	XPC146	14.00	14.00	.66	.55	630
14	8	CPC148	XPC148	14.00	14.00	.66	.60	671
14	10	CPC1410	XPC1410	14.00	14.00	.66	.68	695
14	12	CPC1412	XPC1412	14.00	14.00	.82	.75	750
14	14	CPC1414	XPC1414	14.00	14.00	.82	.82	860
16	6	CPC166	XPC166	15.00	15.00	.70	.55	790
16	8	CPC168	XPC168	15.00	15.00	.70	.60	835
16	10	CPC1610	XPC1610	15.00	15.00	.70	.68	900
16	12	CPC1612	XPC1612	15.00	15.00	.70	.75	807
16	14	CPC1614	XPC1614	15.00	15.00	.89	.82	1060
16	16	CPC1616	XPC1616	15.00	15.00	.89	.89	981
18	6	CPC186	XPC186	13.00	15.50	.75	.55	845
18	8	CPC188	XPC188	13.00	15.50	.75	.60	880
18	10	CPC1810	XPC1810	13.00	15.50	.75	.68	940
18	12	CPC1812	XPC1812	13.00	15.50	.75	.75	1,065
18	14	CPC1814	XPC1814	16.50	16.50	.75	.66	1,200
18	16	CPC1816	XPC1816	16.50	16.50	.96	.89	1,370
18	18	CPC1818	XPC1818	16.50	16.50	.96	.96	1,400
20	6	CPC206	XPC206	14.00	17.00	.80	.55	1,100
20	8	CPC208	XPC208	14.00	17.00	.80	.60	1,150
20	10	CPC2010	XPC2010	14.00	17.00	.80	.68	1,180
20	12	CPC2012	XPC2012	14.00	17.00	.80	.75	1,200
20	14	CPC2014	XPC2014	14.00	17.00	.80	.66	1,250
20	16	CPC2016	XPC2016	18.00	18.00	.80	.70	1,620
20	18	CPC2018	XPC2018	18.00	18.00	1.03	.96	1,700
20	20	CPC2020	XPC2020	18.00	18.00	1.03	1.03	1,900
24	6	CPC246	XPC246	15.00	19.00	.89	.55	1,320
24	8	CPC248	XPC248	15.00	19.00	.89	.60	1,350
24	10	CPC2410	XPC2410	15.00	19.00	.89	.68	1,390
24	12	CPC2412	XPC2412	15.00	19.00	.89	.75	1,420
24	14	CPC2414	XPC2414	15.00	19.00	.89	.66	1,470
24	16	CPC2416	XPC2416	15.00	19.00	.89	.70	1,670
24	18	CPC2418	XPC2418	22.00	22.00	.89	.75	2,200
24	20	CPC2420	XPC2420	22.00	22.00	1.16	1.03	2,350
24	24	CPC2424	XPC2424	22.00	22.00	1.16	1.16	2,500



CPC/XPC