



CAST DUCTILE IRON COUPLINGS REDUCING COUPLING SELECTION TABLE

NOM. PIPE SIZE	LARGE END				BY X	SMALL END				MAX. PRESSURE (Working) LBS./IN. ²	NUMBER OF FASTENERS DIA. X LENGTH	SLEEVE LENGTH IN.	SHIPPING WEIGHT**	
	RANGE			END CODE		RANGE			END CODE				LBS.	KG.
	LOW	PIPE OD (Actual)	HIGH*			LOW	PIPE OD (Actual)	HIGH*						
6	5.65		5.95	6T	4	3.45	3.50	3.60	4T	175	5 5/8 x 8	5	25	11.3
	5.85		6.15	F3A		3.75		4.05	F3A					
	6.15		6.45	F3B		4.05		4.35	F3B					
	6.50	6.63	6.70	D3		4.40	4.50	4.60	D3					
	6.86	6.90	7.10	A1		4.74	4.80	5.10	A1					
	7.15		7.35	E5		5.10		5.30	E5					
8	7.90		8.25	F3A	6	5.85		6.15	F3A	175	6 5/8 x 8	5	34	15.5
	8.25		8.55	F3B		6.15		6.45	F3B					
	8.55	8.63	8.75	D3		6.50	6.63	6.70	D3					
	8.99	9.05	9.30	A1		6.86	6.90	7.10	A1					
	9.30		9.50	E5		7.15		7.35	E5					
10	9.85		10.20	F4A	8	7.90		8.25	F3A	175	7 5/8 x 11	7	51	23.2
	10.20		10.50	F4B		8.25		8.55	F3B					
	10.60	10.75	10.90	D4		8.55	8.63	8.75	D3					
	11.10	11.10	11.40	B2		8.99	9.05	9.30	A1					
	11.55		11.75	A1		9.30		9.50	E5					
	11.90		12.10	E5										
12	12.00		12.30	F4A	10	9.85		10.20	F4A	175	8 5/8 x 11	7	83	37.7
	12.30		12.60	F4B		10.20		10.50	F4B					
	12.60	12.75	12.90	D4		10.60	10.75	10.90	D4					
	13.20	13.20	13.60	B2		11.10	11.10	11.40	B2					
	13.80	14.00	14.10	A1		11.55		11.75	A1					
	14.10		14.35	E5		11.90		12.10	E5					
14	14.60		14.90	F2	12	12.00		12.30	F4A	175	9 5/8 x 11	7	111	50.5
	15.30	15.30	15.70	B2		12.30		12.60	F4B					
	15.80	16.00	16.25	A1		12.60	12.75	12.90	D4					
	16.40		16.80	E5		13.20	13.20	13.60	B2					
						13.80	14.00	14.10	A1					
						14.10		14.35	E5					

All dimensions are in inches.

CAST COUPLING CONFIGURATIONS:

- 1406R:** Enamel coated Center Sleeve and End Rings, Stainless Steel Fasteners.
- 1408R:** Enamel coated Center Sleeve and End Rings, HSLA Steel Fasteners.
- 1506R:** Epoxy coated Center Sleeve and End Rings, Stainless Steel Fasteners.
- 1507R:** Epoxy coated Center Sleeve and End Rings, Epoxy coated HSLA Steel Fasteners, complete with Zinc Anodes.
- 1508R:** Epoxy coated Center Sleeve and End Plates, HSLA steel fasteners.
- 1519R:** Epoxy coated Center Sleeve and End Rings, Epoxy coated HSLA Steel Fasteners, complete with 1/4" Zinc plated cap screw designed for cathodically protected applications.

Note: * The pipe OD or the end plate combination code is used when ordering.
 ** Shipping weights are approximate and vary according to configuration.
 - Recommended torque to 70-80 ft. lbs.

CAUTION



Couplings do not prevent pipe pullout. Suitable restraint should be used when required.

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NOM. PIPE SIZE	LARGE END				BY X	SMALL END				MAX. PRESSURE (Working) LBS./IN. ²	NUMBER OF FASTENERS DIA. X LENGTH	SLEEVE LENGTH IN.	SHIPPING WEIGHT**	
	RANGE			END CODE		RANGE			END CODE				LBS.	KG.
	LOW	PIPE OD (Actual)	HIGH*			LOW	PIPE OD (Actual)	HIGH*						
16					X	14.60		14.90	F2	150	10 5/8 x 11	7	124	56.4
	17.40	17.40	17.80	B2		15.30	15.30	15.70	B2					
	17.80	18.00	18.20	A1		15.80	16.00	16.25	A1					
	18.40		18.80	E5		16.40		16.80	E5					
18	18.80		19.20	B1	X	17.40	17.40	17.80	B2	150	12 5/8 x 11	7	124	60.0
	19.10	19.50	19.70	A2		17.80	18.00	18.20	A1					
	19.70	20.00	20.25	E5		18.40		18.80	E5					
20	20.80		21.35	B1	X	17.40	17.40	17.80	B2	150	12 5/8 x 11	7	161	73.2
	21.35	21.60	21.75	A2		17.80	18.00	18.20	A1					
	21.75	22.00	22.25	E5		18.40		18.80	E5					
20	20.80		21.35	B1	X	18.80		19.20	B1	150	12 5/8 x 11	7	156	70.9
	21.35	21.60	21.75	A2		19.10	19.50	19.70	A2					
	21.75	22.00	22.25	E5		19.70	20.00	20.25	E5					
22	22.95		23.35	B1	X	17.40	17.40	17.80	B2	150	13 5/8 x 11	7	272	123.6
	23.45		23.85	A2		17.80	18.00	18.20	A1					
	23.75	24.00	24.25	E5		18.40		18.80	E5					
22	22.95		23.35	B1	X	18.80		19.20	B1	150	13 5/8 x 11	7	268	121.8
	23.45		23.85	A2		19.10	19.50	19.70	A2					
	23.75	24.00	24.25	E5		19.70	20.00	20.25	E5					
22	22.95		23.35	B1	X	20.80		21.35	B1	150	13 5/8 x 11	7	275	125
	23.45		23.85	A2		21.35	21.60	21.75	A2					
	23.75	24.00	24.25	E5		21.75	22.00	22.25	E5					
24	25.70	25.80	26.00	A2	X	22.95		23.35	B1	150	14 5/8 x 14	10	300	136.4
	26.10		26.32	E5		23.45		23.85	A2					
						23.75	24.00	24.25	E5					

All dimensions are in inches.

HOW TO ORDER:

Determine the product number (**1408R, etc.**) and pipe OD or end plate combination for each end of the coupling (see page 1.2.1, 1.2.2), and then use the appropriate ordering code as shown in the following example.

To couple a 8" Ductile pipe (9.05" OD) to a 6" C900 PVC pipe (6.90" OD), the ordering code is:

1408R - 9.05" x 6.90" i.e. **1408R - 9.05 x 6.90**
 product OD (Actual) OD (Actual) or **1408R - 8A1 x 6A1**
 number

- Note:
- * The pipe OD or the end plate combination code is used when ordering.
 - ** Shipping weights are approximate and vary according to configuration.
 - Recommended torque to 70-80 ft. lbs.
 - Restraint is strongly recommended for reducing couplings.



Couplings do not prevent pipe pullout. Suitable restraint should be used when required.

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