



CAST DUCTILE IRON COUPLINGS

STRAIGHT & TRANSITION SELECTION TABLE

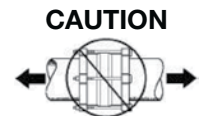
| NOM. PIPE SIZE | FIRST END | | | | BY X | SECOND END | | | | MAX. PRESSURE (Working) LBS./IN. ² | NUMBER OF FASTENERS DIA. X LENGTH | SLEEVE LENGTH IN. | SHIPPING WEIGHT*** | | |
|---|-----------|------------------|-------|----------|------|------------|------------------|-------|----------|---|------------------------------------|------------------------------------|--------------------|------|-------|
| | RANGE | | | END CODE | | RANGE | | | END CODE | | | | LBS. | KG. | |
| | LOW | PIPE OD (Actual) | HIGH* | | | LOW | PIPE OD (Actual) | HIGH* | | | | | | | |
| 2 | 2.35 | 2.38 | 2.63 | D3 | X | 2.35 | 2.38 | 2.63 | D3 | 300 | ² / _{5/8} x 8 | 5 | 10 | 4.5 | |
| 2.5 | 2.69 | | 2.88 | D3 | X | 2.69 | | 2.88 | D3 | 300 | ² / _{5/8} x 8 | 5 | 13 | 6 | |
| 4 | 3.45 | 3.50 | 3.60 | 4T | X | 3.45 | 3.50 | 3.60 | 4T | 300 | ⁴ / _{5/8} x 8 | 5 | 17 | 7.7 | |
| | 3.75 | | 4.05 | F3A | | | 4.05 | F3A | | | | | | | |
| | 4.05 | | 4.35 | F3B | | | 4.35 | F3B | | | | | | | |
| | 4.40 | 4.50 | 4.60 | D3 | | | 4.40 | 4.50 | 4.60 | | D3 | ⁴ / _{5/8} x 11 | 7 | 20 | 9.0 |
| | 4.74 | 4.80 | 5.10 | A1 | | | 4.74 | 4.80 | 5.10 | | A1 | ⁴ / _{5/8} x 14 | 10 | 28 | 13 |
| | 5.10 | | 5.30 | E5 | | | 5.10 | | 5.30 | | E5 | | | | |
| 6 | 5.65 | | 5.95 | 6T | X | 5.65 | | 5.95 | 6T | 300 | ⁵ / _{5/8} x 8 | 5 | 25 | 11.3 | |
| | 5.85 | | 6.15 | F3A | | | 6.15 | F3A | | | | | | | |
| | 6.15 | | 6.45 | F3B | | | 6.15 | 6.45 | F3B | | | | | | |
| | 6.50 | 6.63 | 6.70 | D3 | | | 6.50 | 6.63 | 6.70 | | D3 | ⁵ / _{5/8} x 11 | 7 | 33 | 14.9 |
| | 6.86 | 6.90 | 7.10 | A1 | | | 6.86 | 6.90 | 7.10 | | A1 | 5-5/8 x 14 | 10 | 41 | 18.6 |
| | 7.15 | | 7.35 | E5 | | | 7.15 | | 7.35 | | E5 | | | | |
| 8 | 7.90 | | 8.25 | F3A | X | 7.90 | | 8.25 | F3A | 300 | ⁶ / _{5/8} x 8 | 5 | 30 | 13.6 | |
| | 8.25 | | 8.55 | F3B | | | 8.25 | 8.55 | F3B | | | | | | |
| | 8.55 | 8.63 | 8.75 | D3 | | | 8.55 | 8.63 | 8.75 | | | | | | D3 |
| | 8.99 | 9.05 | 9.30 | A1 | | | 8.99 | 9.05 | 9.30 | | A1 | ⁶ / _{5/8} x 11 | 7 | 39 | 17.7 |
| | 9.30 | | 9.50 | E5 | | | 9.30 | | 9.50 | | E5 | 6-5/8 x 14 | 10 | 47 | 21.31 |
| 10** | 9.85 | | 10.20 | F4A | X | 9.85 | | 10.20 | F4A | 300 | ⁷ / _{5/8} x 11 | 7 | 59 | 26.8 | |
| | 10.20 | | 10.50 | F4B | | | 10.20 | | 10.50 | | | | | | F4B |
| | 10.60 | 10.75 | 10.90 | D4 | | | 10.60 | 10.75 | 10.90 | | | | | | D4 |
| | 11.10 | 11.10 | 11.40 | B2 | | | 11.10 | 11.10 | 11.40 | | B2 | ⁷ / _{5/8} x 14 | 10 | 75 | 34.0 |
| | 11.55 | | 11.75 | A1 | | | 11.55 | | 11.75 | | A1 | | | | |
| | 11.90 | | 12.10 | E5 | | | 11.90 | | 12.10 | | E5 | | | | |
| SERIES 2 (STANDARD STEEL AND DUCTILE SIZES ONLY / PVC DR18) | | | | | | | | | | | | | | | |
| 10 | 10.60 | 10.75 | 10.90 | S9 | X | 10.60 | 10.75 | 10.90 | S9 | 300 | ⁷ / _{5/8} x 11 | 7 | 49 | 22.3 | |
| | 11.10 | 11.10 | 11.40 | G8 | | | 11.10 | 11.10 | 11.40 | | | | | | G8 |

All dimensions are in inches.

CAST COUPLING CONFIGURATIONS

- 1406:** Enamel coated Center Sleeve and End Rings, Stainless Steel Fasteners.
- 1408:** Enamel coated Center Sleeve and End Rings, HSLA Steel Fasteners.
- 1506:** Epoxy coated Center Sleeve and End Rings, Stainless Steel Fasteners.
- 1508:** Epoxy coated Center Sleeve and End Plates, HSLA steel fasteners.
- 1507:** Epoxy coated Center Sleeve and End Rings, HSLA Steel Bolts, complete with Zinc Anodes.
- 1519:** Epoxy coated Center Sleeve and End Plates, 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.
 ** Some transitions may require a stepped center sleeve.
 *** Shipping weights are approximate and vary according to configuration.
 - Recommended torque to 70-80 ft. lbs.



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

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CAST DUCTILE IRON COUPLINGS

STRAIGHT & TRANSITION SELECTION TABLE

| NOM. PIPE SIZE | FIRST END | | | | BY X | SECOND 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* | | | | | | |
| 12** | 12.00 | | 12.30 | F4A | X | 12.00 | | 12.30 | F4A | 300 | 8 5/8 x 11 | 7 | 74 | 33.6 |
| | 12.30 | | 12.60 | F4B | | 12.30 | | 12.60 | F4B | | | | | |
| | 12.60 | 12.75 | 12.90 | D4 | | 12.60 | 12.75 | 12.90 | D4 | | | | | |
| | 13.20 | 13.20 | 13.60 | B2 | | 13.20 | 13.20 | 13.60 | B2 | | | | | |
| | 13.80 | 14.00 | 14.10 | A1 | | 13.80 | 14.00 | 14.10 | A1 | | | | | |
| | 14.10 | | 14.35 | E5 | | 14.10 | | 14.35 | E5 | | | | | |
| SERIES 2 (STANDARD STEEL AND DUCTILE SIZES ONLY / PVC DR18) | | | | | | | | | | | | | | |
| 12 | 12.60 | 12.75 | 12.90 | S9 | X | 12.60 | 12.75 | 12.90 | S9 | 300 | 8 5/8 x 11 | 7 | 55 | 25.0 |
| | 13.20 | 13.20 | 13.50 | G8 | | 13.20 | 13.20 | 13.50 | G8 | | | | | |
| 14 | 14.60 | | 14.90 | F2 | X | 14.60 | | 14.90 | F2 | 150 | 9 5/8 x 11 | 7 | 100 | 45.5 |
| | 15.30 | 15.30 | 15.70 | B2 | | 15.30 | 15.30 | 15.70 | B2 | | | | | |
| | 15.80 | 16.00 | 16.25 | A1 | | 15.80 | 16.00 | 16.25 | A1 | | | | | |
| | 16.40 | | 16.80 | E5 | | 16.40 | | 16.80 | E5 | | | | | |
| 16 | 17.40 | 17.40 | 17.80 | B2 | X | 17.40 | 17.40 | 17.80 | B2 | 150 | 10 5/8 x 11 | 7 | 132 | 60 |
| | 17.80 | 18.00 | 18.20 | A1 | | 17.80 | 18.00 | 18.20 | A1 | | | | | |
| | 18.40 | | 18.80 | E5 | | 18.40 | | 18.80 | E5 | | | | | |
| 18 | 18.80 | | 19.20 | B1 | X | 18.80 | | 19.20 | B1 | 150 | 12 5/8 x 11 | 7 | 140 | 63.5 |
| | 19.10 | 19.50 | 19.70 | A2 | | 19.10 | 19.50 | 19.70 | A2 | | | | | |
| | 19.70 | 20.00 | 20.25 | E5 | | 19.70 | 20.00 | 20.25 | E5 | | | | | |
| 20 | 20.80 | | 21.35 | B1 | X | 20.80 | | 21.35 | B1 | 150 | 12 5/8 x 11 | 7 | 150 | 68 |
| | 21.35 | 21.60 | 21.75 | A2 | | 21.35 | 21.60 | 21.75 | A2 | | | | | |
| | 21.75 | 22.00 | 22.25 | E5 | | 21.75 | 22.00 | 22.25 | E5 | | | | | |
| 22 | 22.95 | | 23.35 | B1 | X | 22.95 | | 23.35 | B1 | 150 | 13 5/8 x 11 | 7 | 165 | 75 |
| | 23.45 | | 23.85 | A2 | | 23.45 | | 23.85 | A2 | | | | | |
| | 23.75 | 24.00 | 24.25 | E5 | | 23.75 | 24.00 | 24.25 | E5 | | | | | |
| 24 | 25.70 | 25.80 | 26.00 | A2 | X | 25.70 | 25.80 | 26.00 | A2 | 150 | 14 5/8 x 15 | 10 | 285 | 129.6 |
| | 26.10 | | 26.32 | E5 | | 26.10 | | 26.32 | E5 | | | | | |

All dimensions are in inches.

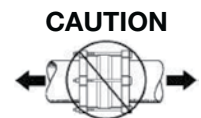
HOW TO ORDER

Determine the product number (1408, etc.) and the pipe OD or end plate combination for each end of the coupling (see page 1.1.1, 1.1.2), and then use the appropriate ordering code as shown in the following example.

To couple a 6" Steel pipe (6.63" OD) to a 6" C900 PVC pipe (6.90" OD), the ordering code is:

1408 - 6.63" x 6.90" i.e. **1408 - 6.63 x 6.90**
 product OD (Actual) OD (Actual) or **1408 - 6D3 x 6A1**
 number

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



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

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