



# RPC

## Rigid Pipe Couplings (2" thru 12")

### Function:

BEECO Style RPC Rigid Pipe Couplings provide a zero-flexibility combination of the piping system. The angle-pad design of 60 degrees adjust to steel pipes and roll/cut groove tolerances, positively clamping the pipe to resist flexural and torsion loads. Angle pad design and swing-over installation permit assembly by removing one nut/bolt and swinging housing over gasket, reducing assembly time and effort.

### Materials:

Ductile Cast Iron conforming to ASTM A536, Grade 65-45-12 equal to QT 450-12  
 Surface Finish: Standard Dip Painted  
 Optional Fused Bonded Epoxy Coated In Various Colors  
 vacuum applications without the aid of external forces.

### GASKET:

**Material:** EPDM:

**Temperature Rating:** -30C to +110C; -20F to + 230F

**Applications:** Water, Diluted Acids, Oil Free Air, Waste Water, High Temperature Vapors etc..

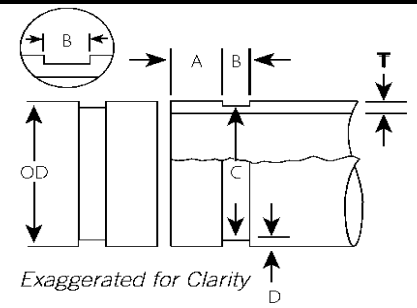
**Design:** "C" Type Gasket Standard design, provides a pressure responsive, leak-tight seal in both pressure and vacuum applications without the aid of external forces.

### Ratings:

2 1/2" - 4" 750 PSI, 5" - 6" 700 PSI  
 8" 600 PSI, 10" 500 PSI, 12" 400 PSI  
 Reducing Couplings 300 PSI



| Pipe Size | OD MM   | OUTSIDE DIA |         | GASKET SEAT |        | GROOVE WIDTH |        | GROOVE DIA. MAX. |         | GROOVE DIA. MIN. |         | GROOVE DEPTH |       |
|-----------|---------|-------------|---------|-------------|--------|--------------|--------|------------------|---------|------------------|---------|--------------|-------|
|           |         | IN          | MM      | A           | A      | B            | B      | C                | C       | C                | C       | D            | D     |
| 2"        | 60.300  | 2.400       | 61.000  | 0.625       | 15.900 | 0.313        | 8.000  | 2.250            | 57.200  | 2.235            | 56.800  | 0.063        | 1.600 |
| 2 1/2"    | 73.100  | 2.900       | 73.800  | 0.625       | 15.900 | 0.313        | 8.000  | 2.720            | 69.100  | 2.702            | 68.600  | 0.078        | 2.000 |
| 3"        | 88.900  | 3.500       | 89.800  | 0.625       | 15.900 | 0.313        | 8.000  | 3.344            | 84.900  | 3.326            | 84.500  | 0.078        | 2.000 |
| 4"        | 114.300 | 4.550       | 115.500 | 0.625       | 15.900 | 0.375        | 9.500  | 4.334            | 110.100 | 4.314            | 109.600 | 0.084        | 2.200 |
| 5"        | 141.300 | 5.600       | 142.700 | 0.625       | 15.900 | 0.375        | 9.500  | 5.395            | 137.000 | 5.373            | 136.500 | 0.084        | 2.200 |
| 6"        | 168.300 | 6.700       | 170.000 | 0.625       | 15.900 | 0.375        | 9.500  | 6.455            | 164.000 | 6.433            | 163.400 | 0.084        | 2.200 |
| 8"        | 219.100 | 8.060       | 204.800 | 0.750       | 19.100 | 0.438        | 11.100 | 8.441            | 214.400 | 8.416            | 213.800 | 0.093        | 2.400 |
| 10"       | 273.000 | 10.810      | 274.700 | 0.750       | 19.100 | 0.438        | 11.100 | 10.562           | 268.300 | 10.535           | 267.600 | 0.093        | 2.400 |
| 12"       | 323.900 | 12.810      | 325.500 | 0.750       | 19.100 | 0.438        | 11.100 | 12.531           | 318.300 | 12.500           | 317.500 | 0.109        | 2.800 |



**Standard Cut Groove**

Job Name: \_\_\_\_\_ Page No: \_\_\_\_\_  
 Section No: \_\_\_\_\_ Contractor: \_\_\_\_\_  
 Schedule No: \_\_\_\_\_ Purchase Order No: \_\_\_\_\_

Please consult BEECO engineering to get the latest updates On materials and specifications.

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