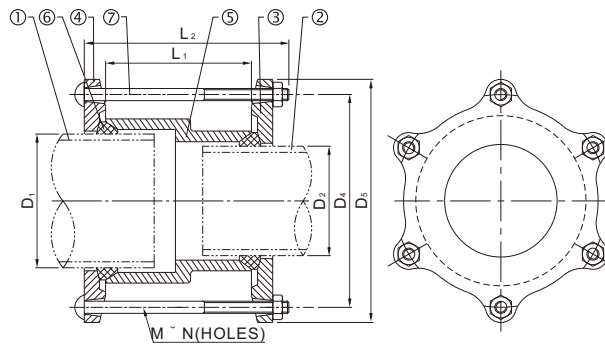


# STEPPED COUPLING

For Ductile Iron Pipe - PVC Pipe

ISO 2531:2000/BS EN 545:2000



| NO | PART NAME | MATERIAL                       |
|----|-----------|--------------------------------|
| ①  | PIPE      | DIP ISO 2531/EN 545            |
| ②  | PIPE      | PVC DIN 8062/BS 3505           |
| ③  | RETAINER  | DUCTILE IRON                   |
| ④  | RETAINER  | DUCTILE IRON                   |
| ⑤  | BODY      | DUCTILE IRON                   |
| ⑥  | RING      | RUBBER                         |
| ⑦  | STUD      | ELECTROPLATED GALVANIZED STEEL |

## MATERIAL SPECIFICATION

### Bolts & Nuts

Electroplated Galvanized Zinc.  
Hot Dip Galvanized or S.S available at extra cost

BS 729:1971, ISO 1461

### Center Sleeve

Ductile Iron

BS 2789:1985 Grade 420/12

### End Gland Ring

Ductile Iron

BS 2789:1985 Grade 420/12

### Rubber Gasket

SBR, EPDM or other

BS 2494:1990 Type W

### Coating

Fusion Bonded Epoxy or Epoxy Coat

Minimum 200 µm thick

Dimension in mm

| DN   | D <sub>1</sub> | PVC<br>D <sub>2</sub> | D <sub>4</sub> | D <sub>5</sub> | L <sub>1</sub> | L <sub>2</sub> | t    | M  | N  |
|------|----------------|-----------------------|----------------|----------------|----------------|----------------|------|----|----|
| 80   | 98             | 90                    | 169            | 198            | 102            | 178            | 7.0  | 16 | 4  |
| 100  | 118            | 110                   | 189            | 218            | 102            | 178            | 7.5  | 16 | 4  |
| 150  | 170            | 160                   | 241            | 270            | 102            | 178            | 8.0  | 16 | 6  |
| 200  | 222            | 200                   | 293            | 322            | 102            | 178            | 8.5  | 16 | 8  |
| 250  | 274            | 250                   | 345            | 374            | 102            | 178            | 9.0  | 16 | 8  |
| 300  | 326            | 315                   | 397            | 426            | 102            | 178            | 10.0 | 16 | 8  |
| 350  | 378            | 355                   | 458            | 491            | 152            | 262            | 10.5 | 16 | 10 |
| 400  | 429            | 400                   | 509            | 542            | 152            | 262            | 11.0 | 16 | 12 |
| 450  | 480            | 450                   | 556            | 589            | 152            | 262            | 11.5 | 20 | 12 |
| 500  | 532            | 500                   | 608            | 641            | 152            | 262            | 12.0 | 20 | 12 |
| 600  | 635            | 630                   | 711            | 744            | 152            | 262            | 13.5 | 20 | 14 |
| 700  | 738            | 710                   | 814            | 847            | 152            | 262            | 14.5 | 20 | 16 |
| 800  | 842            | 800                   | 918            | 951            | 152            | 262            | 16.0 | 20 | 20 |
| 900  | 945            | 900                   | 1031           | 1064           | 178            | 278            | 17.0 | 22 | 20 |
| 1000 | 1048           | 1000                  | 1134           | 1167           | 178            | 278            | 18.0 | 22 | 24 |
| 1100 | 1152           | 1100                  | 1245           | 1278           | 178            | 290            | 19.5 | 24 | 28 |
| 1200 | 1255           | 1200                  | 1348           | 1381           | 178            | 290            | 20.5 | 24 | 32 |



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