

## GENERAL SPECIFICATIONS

### RATED PRESSURE AT 20°C

- Compression fittings, underclamp tapping saddle: PN 16 bar
- Irrigation transition fittings(code 1814):PN 10 bar
- Clamp saddles: PN 16 bar.

### MAXIMUM TEMPERATURE

Up to 45°C in the limits dictated by the use of polyethylene pipes

### REFERENCE STANDARDS

- Complying with ISO, UNI, DIN,NF
- Threads to UNI-ISO 7/1, DIN 2999, BS 21, EN 10226-1

### SANITARY SPECIFICATIONS

- Comply with standards for conveying drinking water as per current regulations in Italy and in many other countries
- D.M. n. 174 dated 06/04/2004

### MATERIALS

#### - Compression Fittings

Body: Polypropylene (PP-B) high-stability copolymer with UV protection; seal: nitrile rubber (NBR); bush ring: polypropylene, high-stability copolymer with UV protection (PP-B); clamping ring:acetalic resin (POM); nut: polypropylene high-stability copolymer with UV protection (PP-B).

#### CLAMP SADDLES

Bolts: Galvanized steel. Clamp saddles base: polypropylene (PP-B), high-stability copolymer with UV protection; Seal: nitrile rubber (NBR). Clamp saddles branch: polypropylene (PP-B) high-stability copolymer with UV protection. Reinforcing ring: Stainless steel.



A: NUT PP-B  
B: Grip Ring POM  
C: Compression Ring PP-B



D: Rubber O-Ring NBR  
E: Body PP-B  
F: Insert PP-B

### COD.181004

Coupling  
正直接



| DN      | PACK |
|---------|------|
| 16x16   | 350  |
| 20x20   | 250  |
| 25x25   | 150  |
| 32x32   | 100  |
| 40x40   | 50   |
| 50x50   | 25   |
| 63x63   | 15   |
| 75x75   | 11   |
| 90x90   | 6    |
| 110x110 | 4    |

### COD.181009

Reducing Coupling  
异径直接



| DN      | PACK |
|---------|------|
| 20x16   | 270  |
| 25x20   | 170  |
| 32x20   | 130  |
| 32x25   | 110  |
| 40x25   | 65   |
| 40x32   | 65   |
| 50x25   | 45   |
| 50x32   | 40   |
| 50x40   | 30   |
| 63x25   | 27   |
| 63x32   | 25   |
| 63x40   | 25   |
| 63x50   | 18   |
| 75x50   | 16   |
| 75x63   | 12   |
| 90x63   | 8    |
| 90x75   | 7    |
| 110x75  | 5    |
| 110x90  | 4    |
| 63x63   | 15   |
| 75x75   | 11   |
| 90x90   | 6    |
| 110x110 | 4    |

### COD.181008

Male Adaptor  
外牙直接



| DN        | PACK |
|-----------|------|
| 16x1/2"   | 610  |
| 16x1"     | 610  |
| 16x1/2"   | 610  |
| 20x1/2"   | 380  |
| 20x1"     | 380  |
| 20x1/2"   | 380  |
| 25x1/2"   | 240  |
| 25x1"     | 240  |
| 25x1/2"   | 240  |
| 32x1/2"   | 160  |
| 32x1"     | 160  |
| 32x1/2"   | 160  |
| 32x1"     | 150  |
| 32x1/2"   | 140  |
| 40x1"     | 90   |
| 40x1/2"   | 85   |
| 40x1"     | 85   |
| 40x1/2"   | 85   |
| 40x2"     | 85   |
| 50x1"     | 50   |
| 50x1/2"   | 50   |
| 50x1"     | 50   |
| 50x1/2"   | 50   |
| 50x2"     | 50   |
| 63x1/2"   | 28   |
| 63x1"     | 28   |
| 63x1/2"   | 28   |
| 63x2"     | 25   |
| 75x2"     | 18   |
| 75x2 1/2" | 18   |
| 75x3"     | 18   |
| 90x2"     | 10   |
| 90x2 1/2" | 10   |
| 90x3"     | 10   |
| 90x4"     | 10   |
| 110x2"    | 6    |
| 110x3"    | 6    |
| 110x4"    | 6    |

### COD.181005

Female Adaptor  
内牙直接



| DN        | PACK |
|-----------|------|
| 16x1/2"   | 520  |
| 16x3/4"   | 520  |
| 20x1/2"   | 350  |
| 20x3/4"   | 350  |
| 20x1"     | 320  |
| 25x1/2"   | 220  |
| 25x3/4"   | 220  |
| 25x1"     | 200  |
| 32x1/2"   | 150  |
| 32x3/4"   | 150  |
| 32x1"     | 150  |
| 32x1 1/4" | 140  |
| 40x1"     | 85   |
| 40x1 1/4" | 85   |
| 40x1 1/2" | 85   |
| 50x1 1/4" | 50   |
| 50x1 1/2" | 50   |
| 50x2"     | 45   |
| 63x1 1/4" | 28   |
| 63x1 1/2" | 28   |
| 63x2"     | 28   |
| 63x2 1/2" | 26   |
| 75x2"     | 18   |
| 75x2 1/2" | 18   |
| 75x3"     | 17   |
| 90x2"     | 11   |
| 90x2 1/2" | 10   |
| 90x3"     | 10   |
| 90x4"     | 10   |
| 110x3"    | 6    |
| 110x4"    | 6    |

**COD.181001**90° Tee  
正三通

| DN          | PACK |
|-------------|------|
| 16x1/2"x16  | 180  |
| 20x20x25    | 130  |
| 25x25x25    | 80   |
| 32x32x32    | 50   |
| 40x40x40    | 27   |
| 50x50x50    | 15   |
| 63x63x63    | 7    |
| 75x75x75    | 4    |
| 90x90x90    | 2    |
| 110x110x110 | -    |

**COD.181010**90° Elbow  
正弯头

| DN      | PACK |
|---------|------|
| 16x16   | 300  |
| 20x20   | 240  |
| 25x25   | 140  |
| 32x32   | 90   |
| 40x40   | 45   |
| 50x50   | 25   |
| 63x63   | 13   |
| 75x75   | 9    |
| 90x90   | 5    |
| 110x110 | -    |

**COD.181002**90° Tee With Threaded  
Female Take Off  
内牙三通

| DN         | PACK |
|------------|------|
| 16x1/2"x16 | 230  |
| 16x1/2"x16 | 230  |
| 20x1/2"x20 | 180  |
| 20x3/4"x20 | 180  |
| 25x1/2"x25 | 110  |
| 25x1/2"x25 | 100  |
| 25x1"x25   | 100  |
| 32x1/2"x32 | 70   |
| 32x1/2"x32 | 70   |
| 32x1"x32   | 65   |
| 32x1/2"x32 | 60   |
| 40x1"x40   | 35   |
| 40x1/2"x40 | 35   |
| 50x1/2"x50 | 20   |
| 50x1/2"x50 | 20   |
| 50x1"x50   | 20   |
| 50x2"x50   | 20   |
| 63x1/2"x63 | 12   |
| 63x1/2"x63 | 12   |
| 63x2"x63   | 12   |
| 63x2/2"x63 | 12   |
| 75x2"x75   | 8    |
| 75x2/2"x75 | 7    |
| 75x3"x75   | 7    |
| 90x2/2"x90 | 4    |
| 90x3"x90   | 4    |
| 90x4"x90   | 4    |
| 110x3"x110 | -    |
| 110x4"x110 | -    |

**COD.181006**90° Elbow With Threaded  
Male Take Off  
外牙弯头

| DN      | PACK |
|---------|------|
| 16x1/2" | 500  |
| 16x1"   | 500  |
| 20x1/2" | 350  |
| 20x1"   | 350  |
| 25x1/2" | 220  |
| 25x1"   | 220  |
| 25x3/4" | 220  |
| 25x1"   | 200  |
| 32x1/2" | 130  |
| 32x3/4" | 130  |
| 32x1"   | 130  |
| 32x1/2" | 130  |
| 40x1"   | 70   |
| 40x1/2" | 70   |
| 40x1/2" | 70   |
| 50x1/2" | 38   |
| 50x1/2" | 38   |
| 50x2"   | 38   |
| 63x1/2" | 20   |
| 63x2"   | 20   |
| 63x2/2" | 20   |
| 75x2/2" | 13   |
| 75x3"   | 13   |
| 90x3"   | 7    |
| 90x4"   | 7    |
| 110x4"  | 4    |

**COD.181007**90° Elbow With  
Threaded Female  
Take Off  
内牙弯头

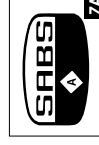
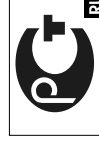
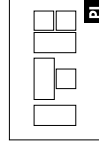
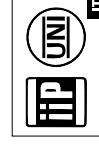
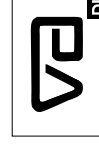
| DN      | PACK |
|---------|------|
| 16x1/2" | 370  |
| 16x1/2" | 370  |
| 20x1/2" | 350  |
| 20x3/4" | 330  |
| 25x1/2" | 210  |
| 25x1/2" | 210  |
| 25x1"   | 200  |
| 32x1/2" | 130  |
| 32x1/2" | 130  |
| 32x1"   | 110  |
| 40x1/2" | 70   |
| 40x1"   | 70   |
| 40x1/2" | 60   |
| 40x1/2" | 60   |
| 50x1/2" | 32   |
| 50x1/2" | 32   |
| 50x2"   | 32   |
| 63x1/2" | 17   |
| 63x2"   | 17   |
| 63x2/2" | 17   |
| 75x2"   | 11   |
| 75x2/2" | 10   |
| 75x3"   | 10   |
| 90x3"   | 6    |
| 90x4"   | 6    |
| 110x3"  | 4    |
| 110x4"  | 4    |

**COD.181003**90° Tee With Threaded  
Male Take Off  
外牙三通

| DN         | PACK |
|------------|------|
| 16x1/2"x16 | 240  |
| 16x3/4"x16 | 240  |
| 20x1/2"x20 | 180  |
| 20x1/2"x20 | 180  |
| 25x1/2"x25 | 110  |
| 25x3/4"x25 | 110  |
| 25x1"x25   | 100  |
| 32x1/2"x32 | 65   |
| 32x3/4"x32 | 65   |
| 32x1"x32   | 65   |
| 32x1/2"x32 | 60   |
| 40x1"x40   | 35   |
| 40x1/2"x40 | 35   |
| 40x1/2"x40 | 35   |
| 50x1/2"x50 | 20   |
| 50x1/2"x50 | 20   |
| 50x2"x50   | 20   |
| 63x1/2"x63 | 10   |
| 63x2/2"x63 | 10   |
| 63x2/2"x63 | 10   |
| 75x2/2"x75 | 6    |
| 75x3"x75   | 6    |
| 90x3"x90   | 4    |
| 90x4"x90   | 4    |
| 110x4"x110 | -    |

**COD.181012**End Plug  
堵头

| DN  | PACK |
|-----|------|
| 16  | 700  |
| 20  | 400  |
| 25  | 250  |
| 32  | 170  |
| 40  | 100  |
| 50  | 55   |
| 63  | 30   |
| 75  | 22   |
| 90  | 12   |
| 110 | 6    |



COD.181410

Coupling  
正直接



| DN    | PACK |
|-------|------|
| 20mm  | 350  |
| 25mm  | 210  |
| 32mm  | 120  |
| 40mm  | 70   |
| 50mm  | 48   |
| 63mm  | 22   |
| 75mm  |      |
| 90mm  |      |
| 110mm |      |

COD.181409

90° Tee  
正三通



| DN    | PACK |
|-------|------|
| 20mm  | 200  |
| 25mm  | 120  |
| 32mm  | 65   |
| 40mm  | 40   |
| 50mm  | 24   |
| 63mm  | 12   |
| 75mm  |      |
| 90mm  |      |
| 110mm |      |

COD.181404

Reduce Coupling  
异径直接



| DN       | PACK |
|----------|------|
| 25x20mm  | 250  |
| 32x25mm  | 150  |
| 40x25mm  | 90   |
| 40x32mm  | 80   |
| 50x32mm  | 70   |
| 50x40mm  | 50   |
| 63x40mm  | 34   |
| 63x50mm  | 28   |
| 75x63mm  |      |
| 90x75mm  |      |
| 110x90mm |      |

COD.181405

90° Elbow  
正弯头



| DN    | PACK |
|-------|------|
| 20mm  | 300  |
| 25mm  | 180  |
| 32mm  | 100  |
| 40mm  | 60   |
| 50mm  | 36   |
| 63mm  | 19   |
| 75mm  |      |
| 90mm  |      |
| 110mm |      |

COD.181408

Male Adaptor  
外牙直接



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 600  |
| 25x1/2"   | 350  |
| 32x1"     | 210  |
| 40x1 1/4" | 125  |
| 50x1 1/2" | 96   |
| 63x2"     | 42   |
| 75x2 1/2" |      |
| 90x3"     |      |
| 110x4"    |      |

COD.181401

90° Tee With Threaded  
Female Take Off  
内牙三通



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 225  |
| 25x1/2"   | 150  |
| 32x1"     | 85   |
| 40x1 1/4" | 45   |
| 50x1 1/2" | 25   |
| 63x2"     | 15   |
| 75x2 1/2" |      |
| 90x3"     |      |
| 110x4"    |      |

COD.181403

Female Adaptor  
内牙直接



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 500  |
| 25x1/2"   | 350  |
| 32x1"     | 300  |
| 40x1 1/4" | 200  |
| 50x1 1/2" | 100  |
| 63x2"     | 75   |
| 75x2 1/2" | 48   |
| 90x3"     |      |
| 110x4"    |      |

COD.181406

90° Elbow With Threaded  
Female Take Off  
内牙弯头



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 400  |
| 25x1/2"   | 250  |
| 32x1"     | 150  |
| 40x1 1/4" | 80   |
| 50x1 1/2" | 55   |
| 63x2"     | 25   |
| 75x2 1/2" |      |
| 90x3"     |      |
| 110x4"    |      |

COD.181407

90° Elbow With Threaded  
Male Take Off  
外牙弯头



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 400  |
| 25x1/2"   | 250  |
| 32x1"     | 250  |
| 40x1 1/4" | 250  |
| 50x1 1/2" | 150  |
| 63x2"     | 150  |
| 75x2 1/2" | 80   |
| 90x3"     | 55   |
| 110x4"    | 25   |

COD.181402

90° Tee With Threaded  
Male Take Off  
外螺纹三通



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 225  |
| 25x1/2"   | 150  |
| 32x1"     | 85   |
| 40x1 1/4" | 45   |
| 50x1 1/2" | 25   |
| 63x2"     |      |
| 75x2 1/2" |      |
| 90x3"     |      |
| 110x4"    |      |

COD.181412

End Plug  
堵头



| DN    | PACK |
|-------|------|
| 20mm  | 600  |
| 25mm  | 350  |
| 32mm  | 225  |
| 40mm  | 125  |
| 50mm  | 96   |
| 63mm  | 42   |
| 75mm  |      |
| 90mm  |      |
| 110mm |      |



COD.181501

90° Tee  
正三通



| DN    | PACK |
|-------|------|
| 20mm  | 150  |
| 25mm  | 100  |
| 32mm  | 70   |
| 40mm  | 40   |
| 50mm  | 24   |
| 63mm  | 12   |
| 75mm  |      |
| 90mm  |      |
| 110mm |      |

COD.181510

90° Elbow  
正弯头



| DN    | PACK |
|-------|------|
| 20mm  | 225  |
| 25mm  | 150  |
| 32mm  | 100  |
| 40mm  | 50   |
| 50mm  | 36   |
| 63mm  | 19   |
| 75mm  |      |
| 90mm  |      |
| 110mm |      |

COD.181502

90° Tee With Threaded  
Female Take Off  
内牙三通



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 180  |
| 25x1/2"   | 125  |
| 25x3/4"   | 125  |
| 32x1"     | 85   |
| 32x1 1/4" | 45   |
| 40x1 1/2" | 25   |
| 63x2"     | 15   |
| 90x3"     |      |
| 110x4"    |      |

COD.181503

90° Tee With Threaded  
Male Take Off  
外牙三通



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 180  |
| 25x1/2"   | 125  |
| 25x3/4"   | 125  |
| 32x1"     | 125  |
| 32x1 1/4" | 85   |
| 32x1 1/2" | 85   |
| 40x1 1/4" | 50   |
| 50x1 1/2" | 30   |
| 63x2"     | 15   |
| 75x2 1/2" |      |
| 90x3"     |      |
| 110x4"    |      |

COD.181506

90° Elbow With Threaded  
Male Take Off  
外牙弯头



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 400  |
| 25x1/2"   | 270  |
| 25x1"     | 225  |
| 25x1 1/4" | 225  |
| 32x1"     | 150  |
| 32x1 1/4" | 150  |
| 40x1 1/2" | 80   |
| 50x1 1/2" | 50   |
| 63x2"     | 25   |
| 75x2 1/2" |      |
| 90x3"     |      |
| 110x4"    |      |

COD.181507

90° Elbow With Threaded  
Female Take Off  
内牙弯头



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 360  |
| 25x1/2"   | 225  |
| 25x1"     | 225  |
| 32x1"     | 120  |
| 32x1 1/4" | 120  |
| 40x1 1/4" | 60   |
| 50x1 1/2" | 50   |
| 63x2"     | 25   |
| 75x2 1/2" |      |
| 90x3"     |      |
| 110x4"    |      |

COD.181504

Coupling  
正直接



| DN    | PACK |
|-------|------|
| 20mm  | 250  |
| 25mm  | 180  |
| 32mm  | 125  |
| 40mm  | 70   |
| 50mm  | 48   |
| 63mm  | 22   |
| 75mm  |      |
| 90mm  |      |
| 110mm |      |

COD.181512

End Plug  
堵头



| DN    | PACK |
|-------|------|
| 20mm  | 500  |
| 25mm  | 350  |
| 32mm  | 240  |
| 40mm  | 125  |
| 50mm  | 96   |
| 63mm  | 42   |
| 75mm  |      |
| 90mm  |      |
| 110mm |      |

COD.181505

Female Adaptor  
内牙直接



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 400  |
| 20x3/4"   | 350  |
| 25x1/2"   | 300  |
| 25x1"     | 250  |
| 32x1"     | 200  |
| 40x1 1/4" | 100  |
| 50x1 1/2" | 70   |
| 63x2"     | 40   |
| 75x2 1/2" | 26   |
| 90x3"     | 18   |
| 110x4"    |      |

COD.181509

Reduce Coupling  
异径直接



| DN       | PACK |
|----------|------|
| 20x25mm  | 200  |
| 20x32mm  | 160  |
| 25x32mm  | 120  |
| 25x40mm  | 90   |
| 32x40mm  | 80   |
| 32x50mm  | 70   |
| 40x50mm  | 50   |
| 40x63mm  | 32   |
| 50x63mm  | 28   |
| 75x63mm  |      |
| 90x75mm  |      |
| 110x90mm |      |

COD.181508

Male Adaptor  
外牙直接



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 500  |
| 25x1/2"   | 350  |
| 25x3/4"   | 350  |
| 25x1"     | 300  |
| 32x1/4"   | 225  |
| 32x1"     | 225  |
| 40x1 1/4" | 125  |
| 50x1 1/2" | 96   |
| 63x2"     | 42   |
| 75x2 1/2" | 26   |
| 90x3"     | 18   |
| 110x4"    |      |

COD.181511

90° Reduce Tee  
异径三通



| DN         | PACK |
|------------|------|
| 25x20x25mm | 100  |
| 32x20x32mm | 70   |
| 32x25x32mm | 70   |
| 40x32x40mm |      |
| 50x40x50mm |      |
| 63x32x63mm | 15   |



COD.181801

90° Tee  
正三通



| DN   | PACK |
|------|------|
| 20mm | 150  |
| 25mm | 100  |
| 32mm | 60   |
| 40mm | 40   |
| 50mm | 24   |
| 63mm | 12   |

COD.181810

90° Elbow  
正弯头



| DN   | PACK |
|------|------|
| 20mm | 225  |
| 25mm | 125  |
| 32mm | 80   |
| 40mm | 45   |
| 50mm | 36   |
| 63mm | 19   |

COD.181802

90° Tee With Threaded  
Female Take Off  
内牙三通



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 180  |
| 25x1/2"   | 110  |
| 25x3/4"   | 110  |
| 32x1/4"   | 70   |
| 32x1"     | 70   |
| 40x1 1/2" | 40   |
| 50x1 1/2" | 25   |
| 63x2"     | 15   |

COD.181807

90° Elbow With Threaded  
Female Take Off  
内牙弯头



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 360  |
| 25x1/4"   | 200  |
| 32x1/4"   | 100  |
| 32x1"     | 100  |
| 40x1 1/4" | 60   |
| 50x1 1/2" | 50   |
| 63x2"     | 25   |

COD.181803

90° Tee With Threaded  
Male Take Off  
外牙三通



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 180  |
| 25x1/2"   | 110  |
| 25x3/4"   | 110  |
| 25x1"     | 110  |
| 32x1/4"   | 70   |
| 32x1"     | 70   |
| 40x1 1/4" | 40   |
| 50x1 1/2" | 30   |
| 63x2"     | 15   |

COD.181806

90° Elbow With Threaded  
Male Take Off  
外牙弯头



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 400  |
| 25x1/2"   | 200  |
| 25x3/4"   | 200  |
| 25x1"     | 200  |
| 32x1/4"   | 125  |
| 32x1"     | 125  |
| 40x1 1/4" | 70   |
| 50x1 1/2" | 50   |
| 63x2"     | 25   |

COD.181804

Coupling  
正直接



| DN   | PACK |
|------|------|
| 20mm | 250  |
| 25mm | 150  |
| 32mm | 110  |
| 40mm | 60   |
| 50mm | 48   |
| 63mm | 22   |

COD.181812

End Plug  
堵头



| DN   | PACK |
|------|------|
| 20mm | 500  |
| 25mm | 300  |
| 32mm | 200  |
| 40mm | 100  |
| 50mm | 70   |
| 63mm | 42   |

COD.181805

Female Adaptor  
内牙直接



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 400  |
| 20x3/4"   | 350  |
| 25x3/4"   | 250  |
| 25x1"     | 200  |
| 32x1"     | 160  |
| 40x1 1/4" | 100  |
| 50x1 1/2" | 70   |
| 63x2"     | 40   |

COD.181809

Reduce Coupling  
异径直接



| DN      | PACK |
|---------|------|
| 20x25mm | 200  |
| 20x32mm | 150  |
| 25x32mm | 120  |
| 25x40mm | 90   |
| 32x40mm | 80   |
| 32x50mm | 50   |
| 40x50mm | 50   |
| 40x63mm | 32   |
| 50x63mm | 28   |

COD.181808

Male Adaptor  
外牙直接



| DN        | PACK |
|-----------|------|
| 20x1/2"   | 500  |
| 25x1/2"   | 350  |
| 25x3/4"   | 350  |
| 25x1"     | 300  |
| 32x3/4"   | 200  |
| 32x1"     | 200  |
| 40x1 1/4" | 110  |
| 50x1 1/2" | 96   |
| 63x2"     | 42   |

COD.181811

90° Reduce Tee  
异径三通



| DN         | PACK |
|------------|------|
| 25x20x25mm | 100  |
| 32x20x32mm | 60   |
| 32x25x32mm | 60   |

Parts of testing machines:



**COD.181701**  
90° Tee  
正三通



| SIZE   | PACK |
|--------|------|
| 1/2"   | 150  |
| 3/4"   | 100  |
| 1"     | 70   |
| 1-1/4" | 40   |
| 1-1/2" | 24   |

**COD.181707**  
90° Female  
内牙弯头



| SIZE        | PACK |
|-------------|------|
| 1/2"x1/2"   | 360  |
| 3/4"x1/2"   | 225  |
| 1"x1"       | 120  |
| 1-1/4"x1/2" | 60   |
| 1-1/2"x1/2" | 50   |

**COD.181702**  
90° Female Tee  
内牙三通



| SIZE        | PACK |
|-------------|------|
| 1/2"x1/2"   | 180  |
| 3/4"x1/2"   | 125  |
| 1"x1"       | 85   |
| 1-1/4"x1/2" | 45   |
| 1-1/2"x1/2" | 25   |

**COD.181706**  
90° Male Elbow  
外牙弯头



| SIZE        | PACK |
|-------------|------|
| 1/2"x1/2"   | 400  |
| 3/4"x1/2"   | 270  |
| 1"x1"       | 225  |
| 1-1/4"x1"   | 225  |
| 1"x1"       | 150  |
| 1-1/4"x1/2" | 150  |
| 1-1/2"x1/2" | 80   |
| 1-1/2"x1/2" | 50   |

**COD.181703**  
90° Male Tee  
外牙三通



| SIZE        | PACK |
|-------------|------|
| 1/2"x1/2"   | 180  |
| 3/4"x1/2"   | 125  |
| 1"x1"       | 125  |
| 1-1/4"x1"   | 125  |
| 1"x1"       | 85   |
| 1-1/4"x1/2" | 85   |
| 1-1/2"x1/2" | 45   |
| 1-1/2"x1/2" | 30   |

**COD.181704**  
Coupling  
正直接



| SIZE   | PACK |
|--------|------|
| 1/2"   | 250  |
| 3/4"   | 180  |
| 1"     | 125  |
| 1-1/4" | 60   |
| 1-1/2" | 48   |

**COD.181710**  
90° Elbow  
正弯头



| SIZE   | PACK |
|--------|------|
| 3/2"   | 225  |
| 3/4"   | 150  |
| 1"     | 100  |
| 1-1/4" | 50   |
| 1-1/2" | 36   |

**COD.181705**  
Female Adaptor  
内牙直接



| SIZE        | PACK |
|-------------|------|
| 1/2"x1/2"   | 400  |
| 1/2"x1/4"   | 350  |
| 3/4"x3/4"   | 300  |
| 3/4"x1"     | 250  |
| 1"x1"       | 200  |
| 1-1/4"x1/2" | 125  |
| 1-1/2"x1/2" | 70   |

**COD.181708**  
Male Adaptor  
外牙直接



| SIZE        | PACK |
|-------------|------|
| 1/2"x1/2"   | 500  |
| 3/4"x1/2"   | 350  |
| 1"x1/2"     | 350  |
| 1-1/4"x1"   | 300  |
| 1"x1/2"     | 225  |
| 1"x1"       | 225  |
| 1-1/4"x1/4" | 125  |
| 1-1/2"x1/2" | 96   |

**COD.181709**  
Reduce Coupling  
异径直接



| SIZE        | PACK |
|-------------|------|
| 3/4"x1/2"   | 200  |
| 1"x1/2"     | 150  |
| 1"x1/4"     | 120  |
| 1-1/4"x1/4" | 90   |
| 1-1/2"x1"   | 80   |
| 1-1/2"x1"   | 70   |
| 1-1/2"x1/2" | 50   |

**COD.181712**  
End Plug  
堵头



| SIZE   | PACK |
|--------|------|
| 1/2"   | 500  |
| 3/4"   | 350  |
| 1"     | 240  |
| 1-1/4" | 125  |
| 1-1/2" | 96   |

**COD.181711**  
90° Reduce Tee  
异径三通



| SIZE           | PACK |
|----------------|------|
| 3/4"x1/2"x1/2" | 100  |
| 1"x1/2"x1"     | 70   |
| 1"x1/2"x1"     | 70   |

**COD.181715**  
Insert Normal Gauge  
插件红色



| SIZE   | PACK |
|--------|------|
| 1/2"   |      |
| 3/4"   |      |
| 1"     |      |
| 1-1/4" |      |
| 1-1/2" |      |

**COD.181717**  
Reduce Insert  
异径转换插件



| SIZE      | PACK |
|-----------|------|
| 3/4"x1/2" |      |
| 1"x1/2"   |      |
| 1"x1/2"   |      |

**COD.181716**  
Insert Heavy Gauge  
插件蓝色



| SIZE   | PACK |
|--------|------|
| 3/2"   |      |
| 3/4"   |      |
| 1"     |      |
| 1-1/4" |      |
| 1-1/2" |      |

**COD.181718**  
End Plug  
插件堵头



| SIZE   | PACK |
|--------|------|
| 3/2"   |      |
| 3/4"   |      |
| 1"     |      |
| 1-1/4" |      |
| 1-1/2" |      |

COD.181924

Coupling CTS  
正直接



| SIZE | PACK |
|------|------|
| 1/2" | 250  |
| 3/4" | 200  |
| 1"   | 120  |

COD.181947

90°Tapping 1-1/2" With  
Brass Ferrule Cutter ISO



| DN          | PACK |
|-------------|------|
| 1-1/2"x25mm | 100  |
| 1-1/2"x32mm | 80   |

COD.181928

Male Adaptor CTS  
外牙直接



| SIZE      | PACK |
|-----------|------|
| 1/2"x1/2" | 500  |
| 3/4"x1/2" | 350  |
| 1"x1"     | 200  |

COD.181948

45°Tapping 1-1/2" With  
Brass Ferrule Cutter ISO



| DN          | PACK |
|-------------|------|
| 1-1/2"x25mm | 100  |
| 1-1/2"x32mm | 80   |

COD.181904

Coupling ISO  
正直接



| SIZE | PACK |
|------|------|
| 1/2" | 250  |
| 3/4" | 200  |
| 1"   | 120  |

COD.181949

45°Tapping 1" With Brass  
Ferrule Cutter ISO



| DN (ISO) | PACK |
|----------|------|
| 1"x20mm  | 100  |
| 1"x25mm  | 90   |
| 1"x32mm  | 80   |

COD.181908

Male Adaptor ISO  
外牙直接



| SIZE | PACK |
|------|------|
| 1/2" | 500  |
| 3/4" | 350  |
| 1"   | 200  |

COD.181950

45°Tapping 1" With Brass  
Ferrule Cutter CTS



| DN (CTS) | PACK |
|----------|------|
| 1"x1/2"  | 100  |
| 1"x1"    | 90   |
| 1"x1"    | 80   |

COD.181941

Clamp Saddle with  
Reinforced Ring  
管箍单头加强圈



| DN         | N.BUL | PACK |
|------------|-------|------|
| 25x1/2"    | 2     | 400  |
| 25x3/4"    | 2     | 400  |
| 32x1/2"    | 2     | 300  |
| 32x3/4"    | 2     | 250  |
| 32x1"      | 2     | 250  |
| 40x1/2"    | 2     | 200  |
| 40x3/4"    | 2     | 200  |
| 40x1"      | 2     | 200  |
| 50x1/2"    | 2     | 200  |
| 50x3/4"    | 2     | 200  |
| 50x1"      | 2     | 180  |
| 63x1/2"    | 4     | 100  |
| 63x3/4"    | 4     | 100  |
| 63x1"      | 4     | 100  |
| 63x1 1/4"  | 4     | 80   |
| 63x1 1/2"  | 4     | 80   |
| 75x1/2"    | 4     | 75   |
| 75x3/4"    | 4     | 75   |
| 75x1"      | 4     | 75   |
| 75x1 1/4"  | 4     | 75   |
| 75x1 1/2"  | 4     | 75   |
| 90x1/2"    | 4     | 60   |
| 90x3/4"    | 4     | 60   |
| 90x1"      | 4     | 60   |
| 90x1 1/4"  | 4     | 60   |
| 90x1 1/2"  | 4     | 60   |
| 90x2"      | 4     | 60   |
| 110x1/2"   | 4     | 45   |
| 110x3/4"   | 4     | 45   |
| 110x1"     | 4     | 45   |
| 110x1 1/4" | 4     | 40   |
| 110x1 1/2" | 4     | 40   |
| 110x2"     | 4     | 40   |
| 160x1"     | 6     | 25   |
| 160x1 1/4" | 6     | 25   |
| 160x1 1/2" | 6     | 25   |
| 160x2"     | 6     | 25   |
| 225x1 1/2" | 6     | 10   |

COD.181942

Clamp Saddle  
管箍单头无加强圈



COD.181943

Double Clamp Saddle  
管箍双头无加强圈



COD.181944

Clamp Saddle with  
Reinforced Ring  
管箍双头加强圈



COD.181945

SS304 Stainless Steel  
Bolts Nuts & Washers  
不锈钢螺栓



COD.181946

Galvanized Steel Bolts  
Nuts & Washers  
铁螺栓



COD.181951

Underclamp Tapping Saddle  
90° With Brass Ferrule  
Cutter 1-1/2" ISO



| DN       | PACK |
|----------|------|
| 63x25mm  | 45   |
| 63x32mm  | 45   |
| 90x25mm  | 32   |
| 90x32mm  | 32   |
| 110x25mm | 26   |
| 110x32mm | 26   |
| 160x25mm | 20   |
| 160x32mm | 20   |
| 225x25mm | 10   |
| 225x32mm | 10   |

COD.181952

Underclamp Tapping Saddle  
45° With Brass Ferrule  
Cutter 1-1/2" ISO



| DN       | PACK |
|----------|------|
| 63x25mm  | 45   |
| 63x32mm  | 45   |
| 90x25mm  | 32   |
| 90x32mm  | 32   |
| 110x25mm | 26   |
| 110x32mm | 26   |
| 160x25mm | 20   |
| 160x32mm | 20   |
| 225x25mm | 10   |
| 225x32mm | 10   |

COD.181953

Underclamp Tapping Saddle  
45° With Brass Ferrule  
Cutter 1" ISO



| DN (ISO) | PACK |
|----------|------|
| 40x20mm  | 80   |
| 40x25mm  | 80   |
| 40x32mm  | 80   |
| 50x20mm  | 80   |
| 50x25mm  | 80   |
| 50x32mm  | 80   |
| 63x20mm  | 45   |
| 63x25mm  | 45   |
| 63x32mm  | 45   |
| 75x20mm  | 35   |
| 75x25mm  | 35   |
| 75x32mm  | 35   |
| 90x20mm  | 32   |
| 90x25mm  | 32   |
| 90x32mm  | 32   |
| 110x20mm | 26   |
| 110x25mm | 26   |
| 110x32mm | 26   |
| 160x20mm | 20   |
| 160x25mm | 20   |
| 160x32mm | 20   |

COD.181954

Underclamp Tapping Saddle  
45° With Brass Ferrule  
Cutter 1" CTS



| DN (CTS)  | PACK |
|-----------|------|
| 40x 1/2"  | 80   |
| 40x 3/4"  | 80   |
| 40x1"     | 80   |
| 50x 1/2"  | 80   |
| 50x 3/4"  | 80   |
| 50x1"     | 80   |
| 63x 1/2"  | 45   |
| 63x 3/4"  | 45   |
| 63x1"     | 45   |
| 75x 1/2"  | 35   |
| 75x 3/4"  | 35   |
| 75x1"     | 35   |
| 90x 1/2"  | 32   |
| 90x 3/4"  | 32   |
| 90x1"     | 32   |
| 110x 1/2" | 26   |
| 110x 3/4" | 26   |
| 110x1"    | 26   |
| 160x 1/2" | 20   |
| 160x 3/4" | 20   |
| 160x1"    | 20   |

COD.181900

Hdpe Pipe  
管材



PE80/100 (DN)

| Thickness (mm) | KG/M |
|----------------|------|
| 20mm           | 2.3  |
| 25mm           | 2.3  |
| 32mm           | 2.9  |
| 40mm           | 3.7  |
| 50mm           | 4.6  |
| 63mm           | 5.8  |
| 75mm           | 6.8  |
| 90mm           | 8.2  |
| 110mm          | 10   |

COD.181960

Float Valve 1" PN16



COD.181961

Float Valve 1" PN16 with Bend Arm



COD.181962

Male Adaptor  
外牙直接



| SIZE              | PACK |
|-------------------|------|
| 1x 1/2"           | 800  |
| 1x 3/4"           | 800  |
| 1x1"              | 800  |
| 1x 1/4" Long Tail | 400  |

COD.181963

Star Model Ideal Pipe  
Burrs Cutter



| SIZE RANGE | MAXI PIPE OD (mm) |
|------------|-------------------|
| 1/2"       | 13                |
| 3/4"       | 20                |
| 1"         | 26                |