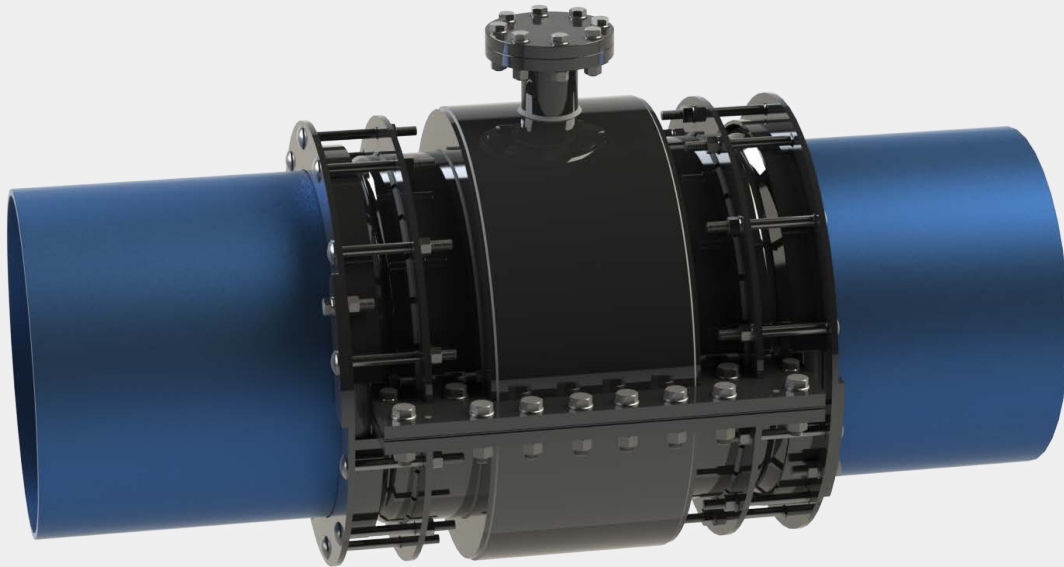


Duofit

Two piece fittings for collar repair and tapping, without mains shutdown.



TECHNICAL GUIDE: **APF3.1**

Applications

Leak repair on sockets, collars, sleeves, gibaults, or messy existing repair attempts

Potable water

Gas

Industrial applications

Tapping

Available for high pressure applications, over 100 bar

Product Attributes

Limited excavations needed

No service interruptions

No need to empty the mains

Pipe cutting not required for repair

Low cost installation

No specialist tools required

Permanent repair solution

Duo-Fit repair couplers are manufactured and supplied in two pieces with heavy duty seals, allowing for a “wrap around” repair and no pipe shut down.

Because of the specialised cavity design, the Duo-Fit is a popular repair option for leaking sockets & gibaults when mains shut down is not practical.

Duo-Fit couplings in two shells provide permanent repairing and tapping fittings without interruption of service of:

- Asbestos cement sockets
- Sockets or express couplings made of cast or ductile iron pipes
- PVC, GRP, Steel pipe sockets
- Repairs of already installed components like couplings, collars, fittings

Design

- Moulded barrel version Duo-Fit “Multisize” adjustable joint with independent flanges
- Tolerance range 30 mm (O.D. max.- O.D. min.)
- Length depending on bell shape
- Steel loose compressing flanges and steel socket S 235 JR
- Trunk seals - conical sealing gaskets made of elastomer polyvalent for water/gas (NBR); other materials (EPDM, NEOPRENE) on request.
- Side sealing gaskets made of elastomer polyvalent for water/gas (NBR); other materials (EPDM, NEOPRENE) on request
- Zinc coated screw bolts or grade A2 - AISI 304 stainless steel screw bolts also available
- RILSAN NYLON 11 anticorrosion coating

Product Attributes

- Limited excavations needed
- No service interruptions, no need to empty the mains
- Pipe cutting not required for repair
- Low cost installation, no specialist tools required
- Permanent repair solution

Materials

- Compression flanges and body: Steel S235JR
- Sealing gaskets: NBR. EPDM or Neoprene on request
- Bolts: options of Zinc coated, 304/316 stainless
- Anti-corrosion protection: Rilsan Nylon 11
- Multi-joint style gaskets used to accommodate variance in pipe OD's, 30mm tolerance



FIG. 1

Applications

Permanent repair and tapping of:

- Asbestos cement sockets
- PVC sockets & solvent joint
- GRP connections
- Steel sockets & weld bands
- Repair to cover leaking pre-installed components, such as gibaults, couplers, fittings etc.

Advantages

- Limited excavations
- No service interruption
- No need to empty the mains
- No pipe-cutting
- Quickest installation times and low costs of installation; no need of special equipment
- Provide definitive repair

Duo-Fit couplings are available in the following versions:

- HP version (High Pressure) for high pressure applications (over 100 bar)
- LT version (Light) dedicated to the outside diameter of the pipe which has to be repaired



FIG. 2

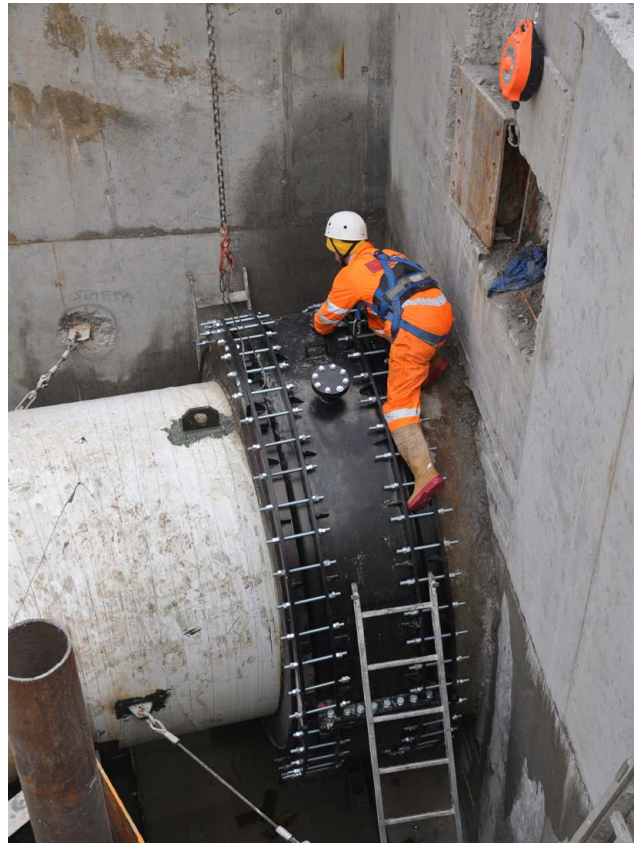


FIG. 3



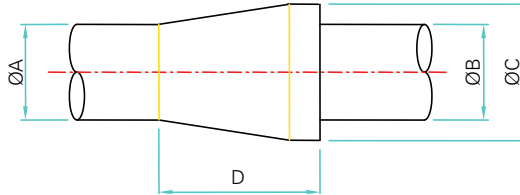
FIG. 4

DUO-FIT QUOTE REQUEST

Please identify the type of repair and fill in the requested sizes

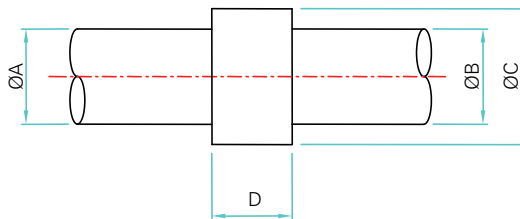
Date:

1) Socket to be encapsulated:



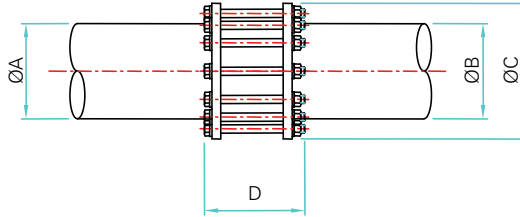
ØA	<input type="text"/>	mm
ØB	<input type="text"/>	mm
ØC	<input type="text"/>	mm
D	<input type="text"/>	mm

2) Object or clamp to be encapsulated:



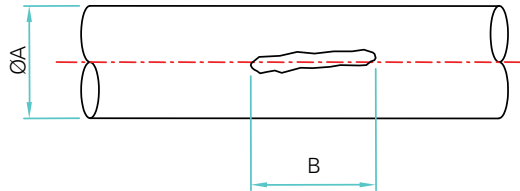
ØA	<input type="text"/>	mm
ØB	<input type="text"/>	mm
ØC	<input type="text"/>	mm
D	<input type="text"/>	mm

3) Coupling to be encapsulated:



ØA	<input type="text"/>	mm
ØB	<input type="text"/>	mm
ØC	<input type="text"/>	mm
D	<input type="text"/>	mm

4) Plain pipe with crack or hole:



ØA	<input type="text"/>	mm
B	<input type="text"/>	mm

Signature:

Name:



Scan for more information

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