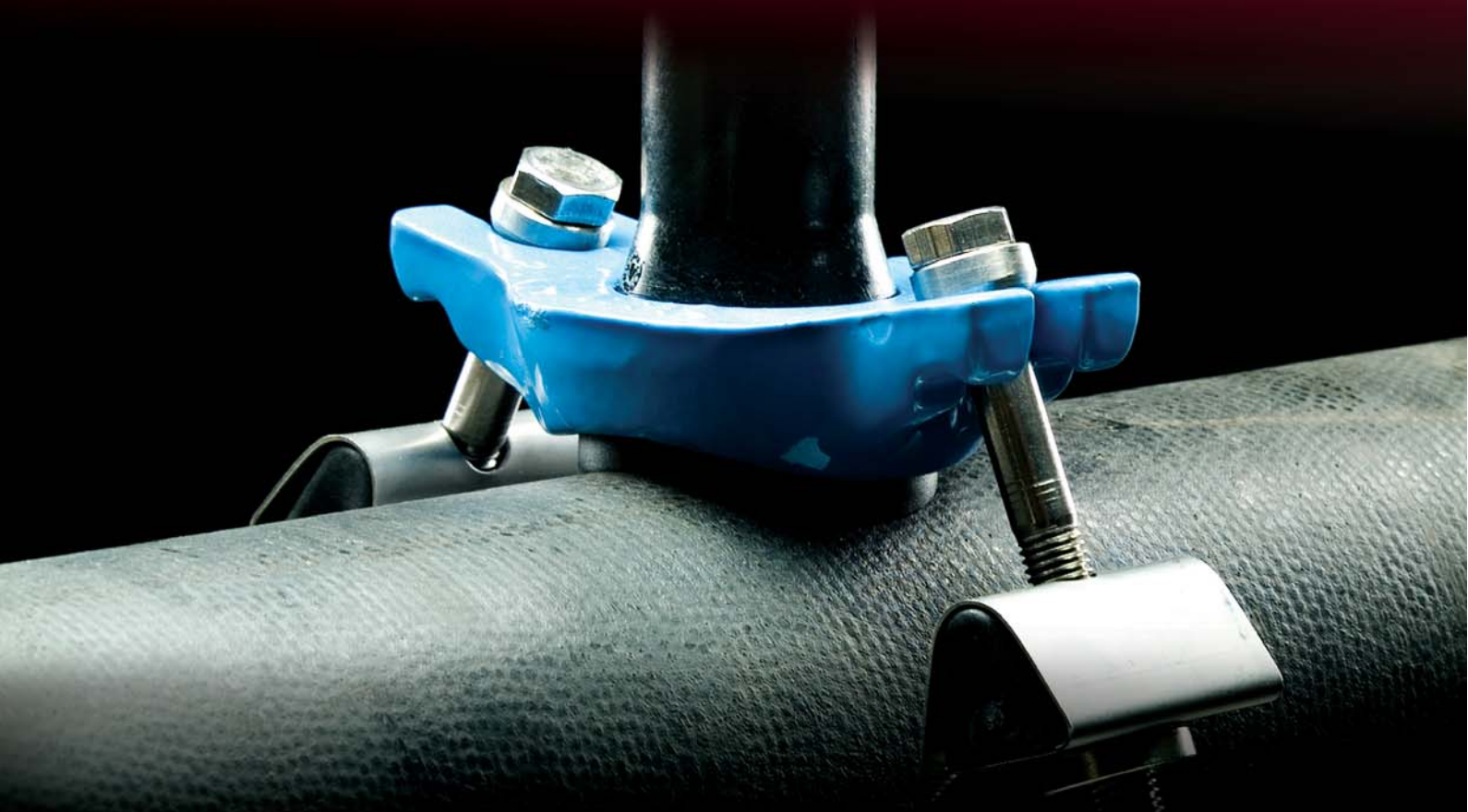


CA BRANCH CONNECTION

Band branch connections for rigid pipes with direct polyethylene outlet of up to diameter 50





INFORMATION

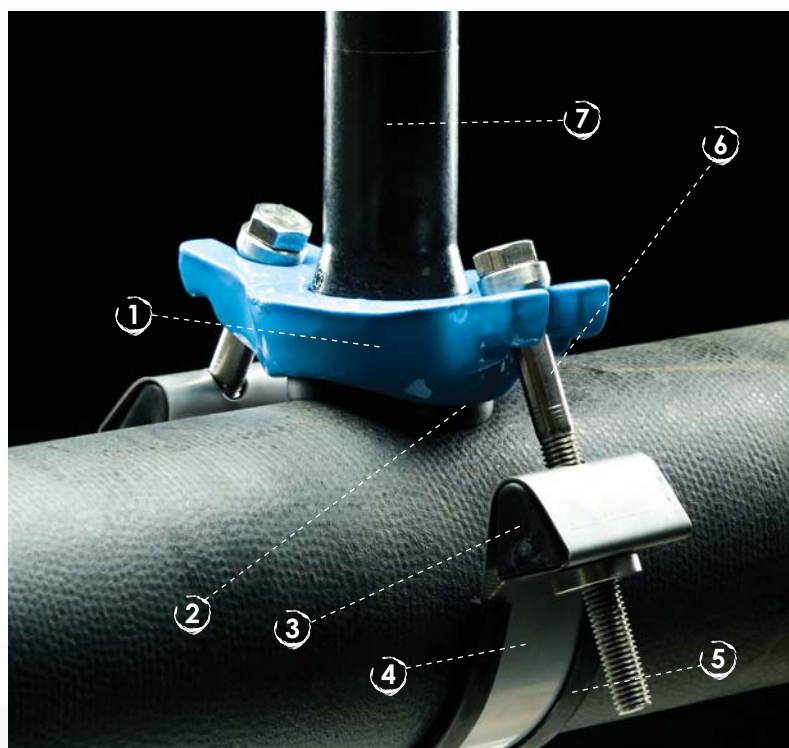
> Application

| | |
|------------------------------|---|
| Pipes: | Grey cast iron, ductile cast iron, steel, asbestos cement, clay, etc. |
| Range of application: | The pipes with an outside diameter of from 63 to 380 mm and outlets in PE with diameters of 25, 32, 40 and 50 mm. |
| Working pressures: | The maximum working pressure is PN16 for the entire range. |



MATERIAL SPECIFICATIONS

- 1 Saddle:**
Ductile cast iron.
Coated with polyamide epoxy paint, minimum thickness of 100 µm, colour blue RAL 5012 (suitable for use with drinking water).
- 2 Gasket:**
EPDM, colour black (suitable for use with drinking water).
- 3 Brackets:**
Polypropylene with fibreglass load, colour black.
- 4 Clamp band:**
Stainless steel (AISI-304).
- 5 Clamp profile:**
EPDM, class 65, dielectric, colour black.
- 6 Nuts and bolts:**
Stainless steel (AISI-304).
- 7 PE pipe outlet:**
Medium density PE80 (MDPE), injected, colour black.



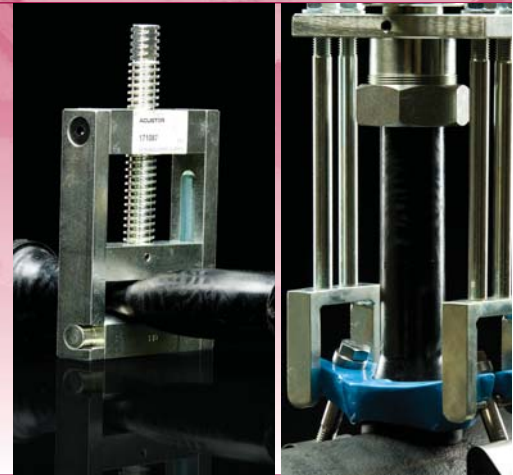


ASSEMBLY

Thanks to its PE pipe outlet, the **CA** branch connection allows work on under pressure mains without the need for using valves by squeezing-off the pipe outlet (squeeze-off system).

The PE80 resin pipe allows the connection of the PE outlet through a mechanical or electrofusion fitting.

We recommend drilling using the MP-185 A drilling machine. For the drilling procedure, please request our User Manual MU-41-07E.



SUPPLY

A complete CA branch connection comprises a kit with the following:

- > Camp band with the fasteners.
- > Saddle.
- > Gasket.
- > PE pipe outlet.



SPARES

- > PE pipe outlet.
- > CA-EM 50 squeezer.

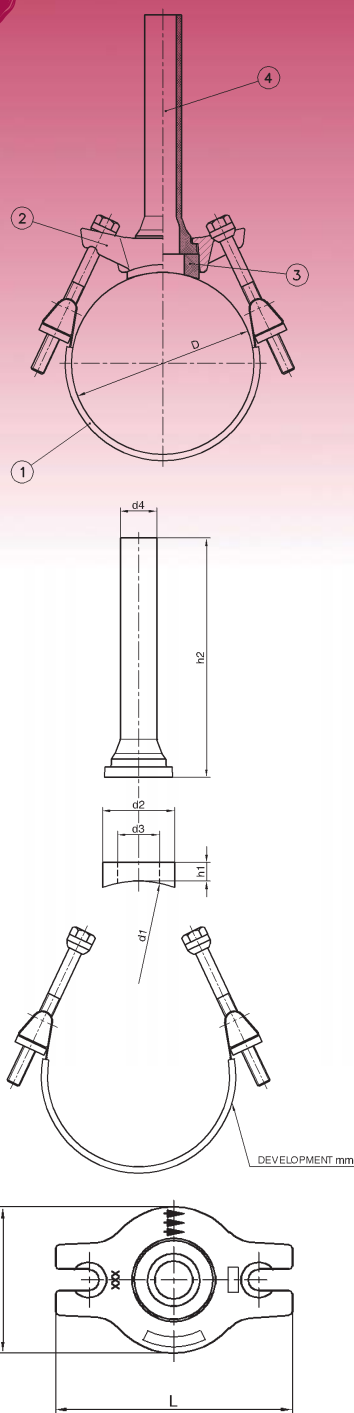


CA BRANCH CONNECTION

• Band branch connections for rigid pipes with direct polyethylene outlet of up to diameter 50



DIMENSIONS



| Outlet | Band | | Saddle | | Gasket | | | | PE pipe outlet | | |
|--------|-----------|--------------|--------|----|--------|-----|----|------|----------------|----|-----|
| | 1 | 2 | 3 | 4 | 3 | | 4 | | 4 | | |
| | DN | Range of use | L | b1 | Type | d1 | d2 | d3 | h1 | d4 | h2 |
| PE25 | 60 | 63 - 82 | 144 | 89 | 21 | 70 | 63 | 28,5 | 16 | 25 | 210 |
| | 80 | 80 - 115 | 144 | 89 | 2 | 120 | 63 | 37 | 16 | | |
| | 100 | 112 - 142 | | | | | | | | | |
| | 125 | 140 - 170 | 144 | 89 | 3 | 180 | 63 | 37 | 16 | | |
| | 150 | 168 - 198 | | | | | | | | | |
| | 175 | 190 - 220 | | | | | | | | | |
| | 200 | 218 - 250 | | | | | | | | | |
| | 225 | 248 - 285 | | | | | | | | | |
| | 250 | 282 - 315 | | | | | | | | | |
| | 300 | 315 - 347 | 144 | 89 | 3 | 180 | 63 | 37 | 16 | | |
| 300A | 345 - 380 | | | | | | | | | | |
| PE32 | 60 | 63 - 82 | 144 | 89 | 21 | 70 | 63 | 28,5 | 16 | 32 | 210 |
| | 80 | 80 - 115 | 144 | 89 | 2 | 120 | 63 | 37 | 16 | | |
| | 100 | 112 - 142 | | | | | | | | | |
| | 125 | 140 - 170 | 144 | 89 | 3 | 180 | 63 | 37 | 16 | | |
| | 150 | 168 - 198 | | | | | | | | | |
| | 175 | 190 - 220 | | | | | | | | | |
| | 200 | 218 - 250 | | | | | | | | | |
| | 225 | 248 - 285 | | | | | | | | | |
| | 250 | 282 - 315 | | | | | | | | | |
| | 300 | 315 - 347 | 144 | 89 | 3 | 180 | 63 | 37 | 16 | | |
| 300A | 345 - 380 | | | | | | | | | | |
| PE40 | 60 | 63 - 82 | 144 | 89 | 21 | 70 | 63 | 28,5 | 16 | 40 | 210 |
| | 80 | 80 - 115 | 144 | 89 | 2 | 120 | 63 | 37 | 16 | | |
| | 100 | 112 - 142 | | | | | | | | | |
| | 125 | 140 - 170 | 144 | 89 | 3 | 180 | 63 | 37 | 16 | | |
| | 150 | 168 - 198 | | | | | | | | | |
| | 175 | 190 - 220 | | | | | | | | | |
| | 200 | 218 - 250 | | | | | | | | | |
| | 225 | 248 - 285 | | | | | | | | | |
| | 250 | 282 - 315 | | | | | | | | | |
| | 300 | 315 - 347 | 144 | 89 | 3 | 180 | 63 | 37 | 16 | | |
| 300A | 345 - 380 | | | | | | | | | | |
| PE50 | 80 | 80 - 115 | 144 | 89 | 11 | 120 | 73 | 44 | 16 | 50 | 213 |
| | 100 | 112 - 142 | 144 | 89 | 12 | 180 | 73 | 44 | 16 | | |
| | 125 | 140 - 170 | | | | | | | | | |
| | 150 | 168 - 198 | 144 | 89 | 13 | 300 | 73 | 44 | 16 | | |
| | 175 | 190 - 220 | | | | | | | | | |
| | 200 | 218 - 250 | | | | | | | | | |
| | 225 | 248 - 285 | | | | | | | | | |
| | 250 | 282 - 315 | | | | | | | | | |
| | 300 | 315 - 347 | | | | | | | | | |
| | 300A | 345 - 380 | 144 | 89 | 13 | 300 | 73 | 44 | 16 | | |
| 300A | 345 - 380 | | | | | | | | | | |

• RELATED DATASHEETS •

| | | |
|------------|--|---|
| PTR | Rigid pipe fittings programme: CA-C BRANCH CONNECTION (PE pipe outlet tapping saddle) CA-R BRANCH CONNECTION (threaded saddle) ACUSTOP-R BRANCH CONNECTION (threaded tapping saddle) | FC-63-PTR-05E FC-63-PTR-02E FC-63-PTR-03E |
| PTP | Plastic pipe fittings programme: ACUFIT (compression fittings for PE pipes) | FC-65-PTP-09E |
| PMH | Machinery and tools programme: MP-185-A DRILLING MACHINE MANUAL SQUEEZERS | FC-41-PMH-06E FC-71-PMH-08E |

The information provided in this publication is subject to change without notice.



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