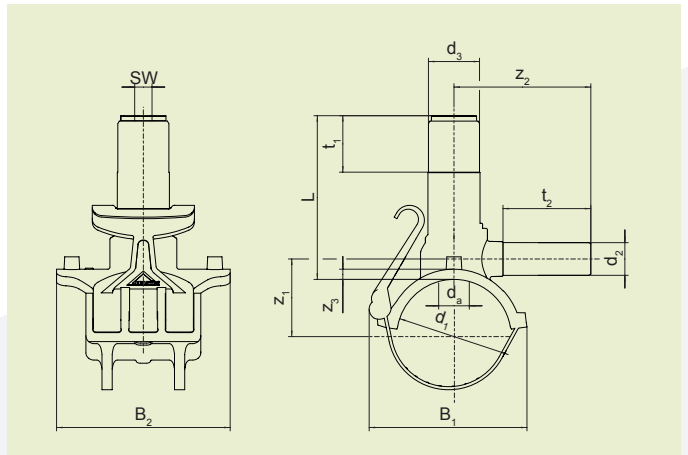


FRIALEN® SAFETY FITTINGS

DAA KIT PRESSURE TAPPING TEES AS KIT WITH LOOSE REDUCER MR



PE 100 SDR 11

Maximum working pressure 16 bar (water)/10 bar (gas)



| d ₁ | d ₂ | Order Ref. | Stock-status | BX | PU | d ₃ | L | t ₁ | t ₂ | z ₁ | z ₂ | z ₃ | B ₁ | B ₂ | WS in mm | Drilling Ø d _s | Weight kg/each |
|----------------|----------------|------------|--------------|----|-----|----------------|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------|---------------------------|----------------|
| 63 | 40 | 616472 ① | 1 | 20 | 160 | 50 | 160 | 50 | 115.00 | 51 | 165 | 10 | 108 | 146 | 17 | 30 | 0.855 |
| 90 | 40 | 615656 ① | 1 | 14 | 112 | 50 | 160 | 50 | 115.00 | 66 | 168 | 10 | 137 | 170 | 17 | 30 | 0.950 |
| 90 | 50 | 616476 ① | 1 | 14 | 112 | 50 | 160 | 50 | 115.00 | 66 | 168 | 10 | 137 | 170 | 17 | 30 | 0.960 |
| 110 | 40 | 615662 ① | 1 | 14 | 112 | 50 | 160 | 50 | 115.00 | 76 | 175 | 10 | 152 | 170 | 17 | 30 | 1.000 |
| 110 | 50 | 616477 ① | 1 | 14 | 112 | 50 | 160 | 50 | 115.00 | 76 | 175 | 10 | 152 | 170 | 17 | 30 | 1.010 |
| 125 | 40 | 615668 ① | 1 | 12 | 96 | 50 | 160 | 50 | 115.00 | 83 | 180 | 10 | 167 | 170 | 17 | 30 | 1.020 |
| 125 | 50 | 616478 ① | 1 | 12 | 96 | 50 | 160 | 50 | 115.00 | 83 | 180 | 10 | 167 | 170 | 17 | 30 | 1.030 |
| 140 | 50 | 616479 ① | 1 | 12 | 96 | 50 | 160 | 50 | 115.00 | 91 | 185 | 10 | 170 | 170 | 17 | 30 | 1.060 |
| 160 | 40 | 615675 ① | 1 | 10 | 80 | 50 | 160 | 50 | 115.00 | 106 | 185 | 10 | 195 | 186 | 17 | 30 | 1.095 |
| 160 | 50 | 616480 ① | 1 | 10 | 80 | 50 | 160 | 50 | 115.00 | 106 | 185 | 10 | 195 | 186 | 17 | 30 | 1.105 |
| 180 | 50 | 616481 ① | 1 | 10 | 80 | 50 | 190 | 50 | 115.00 | 116 | 188 | 10 | 203 | 186 | 17 | 30 | 1.170 |
| 200 | 50 | 616485 ① | 1 | 8 | 64 | 50 | 190 | 50 | 115.00 | 126 | 190 | 10 | 205 | 186 | 17 | 30 | 1.180 |
| 225 | 50 | 616486 ① | 1 | 8 | 64 | 50 | 190 | 50 | 115.00 | 138 | 197 | 10 | 214 | 186 | 17 | 30 | 1.210 |

FRIALEN Pressure Tapping Tees ≥ d 50 to pipes SDR 11–17.6. Other SDR on request. Please observe the marking directly at the product, which is mandatory.

d₂: With reducer MR d 63/40 or MR d 63/50; d₂= Dimension of service pipe

① with electrofusion reducers MR d 63/40 or d 63/50

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DAA KIT PRESSURE TAPPING TEES AS KIT WITH LOOSE REDUCER MR



Areas of Application

The FRIALEN Pressure Tapping Tees DAA are used as branch fittings and can be fused to mains that are un-pressurised or under operating pressure. The provided reducer modifies the outlet spigot d 63 to the nominal diameter d 40 or d 50 of the service pipe.

Assembly Instructions

The fusion of the HD-PE main and the service pipe with FRIALEN Pressure Tapping Tee takes place by FRIALEN fusing - leakproof and longitudinally strong.

The pipe, saddle and the outlet spigot are prepared (oxide layer removed/cleaned) in accordance with the general installation instructions (see "Assembly instructions" for FRIALEN Safety Fittings for house connections and distribution pipes up to d 225).

Thanks to its innovative and patented clamping mechanism, the FRIALEN Pressure Tapping Tee DAA can also be installed without any tool quickly and reliably on the HD-PE main when it exhibits ovality or has expanded under operating pressure.

Good reasons for using the FRIALEN Pressure Tapping Tees DAA KIT:

- Compact design
- Simple and reliable assembly without any tool thanks to the patented fast clamping lever
- The flexible saddle compensates pipe tolerances and always provides optimal, uniform buildup of melt pressure during fusion
- Assembly without rounding clamps or special tools
- The Pressure Tapping Tee is one unit with captive parts
- Only one 17 mm wrench size for tapping and installing the plug
- Chipless tapping
- Leak-free tapping of gas mains under operating pressure up to 10 bar
- Low torque needed for tapping
- Punched-out pipe piece fits securely in the drill
- Stable thread as guidance for the driller during tapping process even at large pipe wall thicknesses and low temperatures
- Solid upper and lower stop of driller, with integrated torque limiter
- Extra wide fusion zone
- After tapping, stack can be fused non-accessible with FRIALEN cap K
- Outlet spigot length measured for two fusion operations
- Additional barcode for traceability (traceability coding)
- Both barcodes exposed on fast clamping lever for easy scanning with readerwand or barcode scanner