



## Development Jumbo installation – Grouter Mk4R

The *DD Grout Plugs Grouter Mk4* is made for pressure grouting diamond drill holes. The plug can be pushed in place into breakthrough holes to immediately stop high pressure water inflow.

Instructions;

1. For development jumbo installation you will need a 46mm split set dolly.
2. The hole should be wet if possible to reduce o-ring wear during installation. However, the plug can be installed dry and will still work if wet is not possible.
3. Align the plug as best as possible during installation. Misalignment may break the back of the plug. Nevertheless, if breakage occurs, the plug can still be hammered into position and should still work.
4. There may be a small disconnection force. On completion of installation the plug will hold its position and the internal check valve will hold high pressure water.
5. This plug has an internal spacer that allows a 1" BSPP (parallel) threaded pipe to remotely open the check valve up to 500 psi (34 bar). This allows the plug to be used as a standpipe. An external tap will allow drainage of the water table to be regulated, for example with pumping capacity.
6. For grouting immediately after installation or at a later date, connect up a 1" BSPT male threaded pipe of the pressure rating required. A 1" BSPT (tapered) thread is best suited for grouting since it will lock and seal the threads and will not hold the check valve open.

The *Grouter Mk4R* is designed with materials that will resist acid and chemicals such as grout accelerator, and will not corrode.

Pressure Rating: 1000 psi (69 Bar) at a 2:1 Factor of Safety  
Temperature Rating: 100 degrees C.

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