

Tap Hole Drilling Instructions - GRP Wash Troughs

Gentworks



Bi-metal Hole saws 28mm & 35mm

Tap Types and Hole Diameters

- Standard single feed taps generally require tap holes of 22mm – 28mm in diameter.
- DVS sensor taps usually specify a 28mm diameter hole.
- Monobloc mixer taps, taking both a hot and cold supply, mostly require a tap hole of 32mm to 35mm in diameter.

Distances Between Tap Stations

A "tap station" is the space allocated to a user to access the taps, usually 500mm to 600mm in length. The "tap station centre" is the centre of this space. **Where tap hole pairs are required**, the "tap station centre" means the mid-point between the hot and cold taps.

The tap station centres for standard wash troughs are as follows:

1200mm and 1800mm lengths: 300mm from each end and 600mm between stations.

1500mm for **2 users**: 375mm from each end and 750mm between stations.

1500mm for **3 users**: 250mm from each end and 500mm between stations.

Drilling tap holes

1. Fibreglass can chip during drilling so make sure to wear protective goggles before starting the job to avoid any problems.
2. Measure where the taps holes will be installed.
3. Put down some masking tape around these markings. The masking tape is there to reduce the amount of chipping that may happen.
4. Drill a small pilot hole with a 4mm HSS bit through the tap deck in the required positions.
5. With a good quality bi-metal hole saw of the correct diameter, drill each tap hole using the pilot holes already drilled as a guide. To avoid overheating and binding, use low speed and do not push down when drilling. Take care that the drill chuck does not scratch the surface as the hole is cut through.