

# Hot Tap Drill

Manually drill into pipes under pressure

## Key Features

- Can be operated when the system is under pressure
- Pressure: up to 20 bar (290psi)
- Drilling depth: up to 200 mm (7.87")
- 4 interchangeable drill bit sizes:
  - (i) 8.5mm drill bit suits 1/4" ball valve
  - (ii) 14.5mm drill bit suits 1/2" ball valve
  - (iii) 19.5mm drill bit suits 3/4" ball valve
  - (iv) 24.5mm drill bit suits 1" ball valve
- Innovative structural design to avoid the bit getting stuck or broken



## About

A hot tap drill allows you to manually install a connection point on pressurized pipes or unpressurized pipes.

CAA Sensor's hot tap drill is designed to prevent contamination from the drilling process entering the pipework when working on pressurized pipes. As the drill starts to break pierce the pipe, pressure forces all loose particles back through an exhaust chamber in the drill's body where they are captured. This process ensures that no contamination enters the pipework when working on pressurized pipes.

Note: Hot tapping can be dangerous and should be performed by experienced technicians only. Care should be taken when using the hot tap drill and appropriate personal protection equipment should be worn

## Applications

- Manufacturing and industrial use
- Pressurized and unpressurized pipes
- Temporary or permanent installation



More Info

## Specifications

Drill	
Drill Depth	200 mm 7.87"
Drill Bit Diameters	8.5 & 14.5 & 19.5 & 24.5 mm (interchangeable)
Corresponding Ball Valves	1/4" & 1/2" & 3/4" & 1"
Operating Pressure	0 to 20 bar 0 to 290 psi
Materials	
• Drill Bit	Cobalt-containing high-performance high-speed steel HSS / E
• Main Body	Aluminium

Other	
Ambient Temperature	-50 to +200°C -58 to +392°F
Dimensions	
• Drill Bit & Adapter	380 mm x 47 mm x 47 mm 15" x 2" x 2"
• Drill Bit	170 mm long 6.7" long
• Socket Wrench	250 mm x 60 mm x 45 mm 9.8" x 2.4" x 1.8"
Weight	2.6 kg 5.7 pounds
Warranty	12 months

## How to Order

Find a Distributor: [www.caasensors/distributors](http://www.caasensors/distributors)

### Drill Bit size

#### One size only

1 - 14.5 mm, 0.57"

2 - 19.5 mm, 0.77"

3 - 24.5 mm, 0.96"

#### Two sizes

4 - 14.5 & 19.5 mm, 0.57" & 0.77"

5 - 14.5 & 24.5 mm, 0.57" & 0.96"

6 - 19.5 & 24.5 mm, 0.77" & 0.96"

#### All sizes

7 - 8.5, 14.5, 19.5, 24.5 mm,  
0.33", 0.57", 0.77", 0.96"

