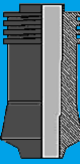


1.8
Two Inch System Hot Tap Tool
Product Code: HA102102



The hot tap tool provides a safe and reliable method of hot tapping high pressure access fittings on pressurised pipelines or vessels.

A special cutter assembly is installed in the access fitting, previously welded onto the pipe. To tap a hole through the pipe wall, a service valve is installed on the fitting. This allows the cutter fitting to be isolated, if necessary.

The hot tap tool is mounted on the service valve and mated to the cutter. The drive screw on the hot tap tool puts pressure on the cutter as the tool shaft is rotated to cut through the pipe wall.

After the hole is cut through the pipe wall, the tool is removed from the valve and the retrieval tool is then used to pull the cutter assembly and pipe plug from the fitting. Shavings and cuttings are removed using swabs or brushes.

The hot tap procedure may be expedited by use of an air operated drill motor to turn the cutter shaft. Safety is enhanced in the assembly because the cutter is isolated from the atmosphere by a service valve.



At any time in the procedure, the cutter drive shaft may be retracted and the fitting and its contents isolated from the atmosphere by closing the service valve.

The hot tap tool is designed to be used with 5.25" Flare-weld or Butt-weld access fitting systems.

A compatible service valve is required for use with the hot tap kit, the product code is HA101250

Hot Tap Kit HA102102 Components & Spare Parts			
Description	Product Code	Description	Product Code
Bore Reamer Assembly	HA102004	3/16" Allen Wrench	PR6352
HP Thread Chaser with Adaptor	HA102016	Spanner Wrench	PR6356
Seat Reaming Assembly	HA102018	1 3/8" Hex Socket	PR6433
Weld and Seal Test Assy	HA102017	Snap Ring Pliers (internal)	PR6479
Cutter Assembly - HP 5.25 Nipple	HA102015	Seal Insertion Ring	PR6480
HP Cutter Test for CT Cutter Test Assy	HA102020	Brass Hammer	PR6358
Bushing Insertion Tool	PR6483	3/32" Allen Wrench	PR6478
Hot Tap and Extraction Tool Test Assy	HA102013	Snap Ring Pliers (external)	PR6484
Hot Tap Turning Handle	HA102007	Quick Coupling (female)	PR6477
Over shot for Cutter	HA102014	1/2" Drive, socket "T" Handle	PR6357
Adaptor for Tools	HA102001158	Case	PS5604A69
Magnetic Swab Assembly	HA102003	Seal Repair Kit	7213A

The above tools are furnished as standard equipment with each complete Hot Tap Tool Kit. In addition common tools such as 3/16" Punch, large Crescent Wrench and large screwdriver may be necessary.