

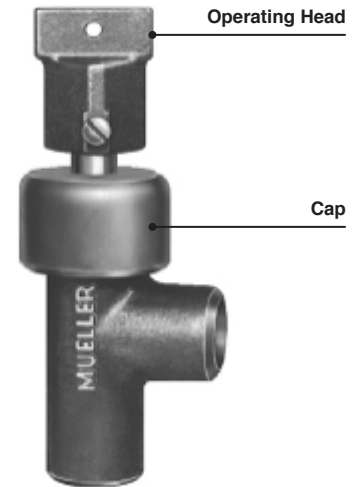
# Mueller® H-17800 Abandonment Plug

## INSTALLATION FOR D5/DH5 DRILLING MACHINES

### STEM REMOVAL

1. Attach the machine adapter to the D5/DH5 then extend the boring bar and attach the Boring Bar Adapter. Reference Machine Stack Up Reference Table at end of instructions for stack up and part numbers.
2. Using the stem in the H-17800, shut off flow to the tee by turning the Operating Head **clockwise** until the stem seats at the bottom of the tee.
3. Remove the Operating Head from the stem.
4. Carefully remove the Cap ensuring not to unseat the stem.
5. Attach Extracting Tool to H-17800 tee stem.
6. Install the Reducing Bushing onto the tee.

7. Install the Control Valve onto Reducing Bushing. Ensure Control Valve is in open position for stem extraction.
8. Attach Machine Adapter to the Control Valve.
9. Slowly advance boring bar until boring bar adapter engages the extracting tool and rotate **counter-clockwise**. Once the Boring Bar Adapter is fully threaded onto the Extracting Tool, continue rotating **counter-clockwise** until the stem is disengaged from the tee.
10. Pull boring bar until stem clears the Control Valve.
11. Close Control Valve and release the pressure with the bypass valve (only on H-10917).



12. Remove machine from Control Valve. Remove stem, Extracting Tool, and Boring Bar Adapter from machine.

### COMPLETION PLUG INSERTION

1. With the Machine Adapter still connected to the D5/DH5, extend the boring bar and attach the Boring Bar Adapter.
2. Attach Inserting Tool onto boring bar. Then attach Completion Plug onto Inserting Tool.
3. Attach Machine Adapter onto Control Valve.
4. Shift the bypass valve on the Control Valve (only on the H-10917) to equalize the pressure on both sides.

5. Open Control Valve and ease boring bar down until Completion Plug engages treads of tee.
6. Thread Completion Plug into tee in a **clockwise** rotation until plug is fully engaged and sealed onto the surface of the tee.
7. Turn boring bar in a **counter-clockwise** direction to disengage Boring Bar Adapter from Inserting Tool.
8. After Boring Bar Adapter is free from Inserting Tool, pull the boring bar

- and Inserting Tool past the Control Valve and close it.
9. Using the bypass valve on the Control Valve release the pressure.
10. The D5/DH5 can be removed from Control Valve.
11. Remove Control Valve and Hex Bushing from tee.
12. Attach Abandonment Cap onto tee over completion plug.
13. Weld abandonment cap to tee.

# Mueller® H-17800 Abandonment Plug

INSTALLATION FOR D5/DH5 DRILLING MACHINES

## D5 / DH5 MACHINE STACK UP

	1" H-17800	1 1/4" H-17800	2" H-17800
Abandonment Plug	538565	538566	538567
Reducing Bushing	313328	313329	313330
Control Valve	H-10914 or H-10918*	H-10914, H-10917 or H-10918	H-10914, H-10917 or H-10918**
Machine Adapter	036196	036188	036975
Boring Bar Adapter	036198	-	-
Extracting Tool	088279	088286	081499
Boring Bar Adapter	040438	036324	040438
Inserting Tool	083256	083261	083400
Completion Plug	538565	538566	538567
Abandonment Cap	538296	538297	538298

\*Cannot use the H-10917 for this size.

\*\*When using the H-10918 a special machine adapter is required (538568).

