

Directions:

1. Take drill rod and attach pilot bit.
 - 13" rod for 3/4" and 1" taps
 - 18" rod for 1-1/2" and 2" taps
2. Attach desired valve adapter.
3. Attach desired hole saw.
4. Join unit to valve. (hand tighten only).
5. Attach Drill.
6. Drill hole (keep drill setting at low speed, and in drill position).

Coupon / Plug Ejecting:

1. Loosen setscrew and remove pilot bit and hole saw.
2. Attach hole saw to the Hex Ejector. (6" long hex rod)
3. Tap on end of Hex Ejector with a solid surface.



IMPORTANT TIPS

Follow ALL instructions. Failure to do so may result in property damage and / or personal injury.

- Aqua-Tap is only to be used for tapping water lines. (DO NOT tap into gas, oil, air, steam lines, etc.)
 - Do not tap water lines with pressure exceeding 120 psi.
 - Always wear eye protection.
 - Use Tiger cutters for all steel/metal taps.
 - Use carbide tipped hole saws for PVC and other non-steel/metal taps. PE cutters also available.
 - Start taps gently to allow pilot bit to start straight and centered. (excessive start pressure will flex the bit causing a delay in the tap.)
 - Pilot bit allows water to enter and cool the cutter during the tapping process. Tap lubricant is available if desired, though not needed. (AT-AG)
 - Tighten down cap against o-rings firmly to grip rod. If kickback occurs, replace o-rings (7/8" x 5/8").
 - Water leaking through corp. stop adapter is normal. This does not mean tap is complete. Continue drilling until completely through the pipe wall.
- Before tapping PVC pipe:**
- Do not tap within 3 feet of ends of pipe, or closer than 18" of other taps.
 - Avoid tapping a discolored pipe surface.
 - Only tap pipe that has been installed according to pipe manufacturer's recommendations.
 - Install pipe saddle according to pipe manufacturer's recommendations. (DO NOT over tighten)
 - Know locations of existing main valves, if necessary to shut off water system.
 - Have a quick exit. (Ladder, etc)
 - Have another employee near by.
 - Remove as much air as possible from the water system being tapped.

PARTS LIST

PART	DESCRIPTION	
AT-JR	COMPLETE TAP KIT w/20v Drill (3/4" & 1" TAPS)	
AT-K-2	COMPLETE TAP KIT w/20v Drill (3/4", 1", 1-1/2", & 2" TAPS)	
AT-PRO-2	COMPLETE TAP KIT w/20v Drill (3/4", 1", 1-1/2", & 2" TAPS)	
AT-R13-H	13" DRILL ROD (hex)	
AT-R18-H	18" DRILL ROD (hex)	
AT-R24-H	24" DRILL ROD (hex)	
AT-BK-13	PILOT BITS FOR 13" DRILL RODS (4 CARBIDE BITS & WIRE)	
AT-BK-18	PILOT BITS FOR 18" DRILL RODS (4 CARBIDE BITS & WIRE)	
AT-H	HOUSING ASSEMBLY (INCLUDES BUSHING & 4 O-RINGS)	
AT-E-H	PLUG / COUPON EJECTOR (hex)	
AT-AG	AQUA-GEL TAPPING LUBRICANT	
FORD, JONES, A.Y. MCDONALD VALVE ADAPTERS		
AT-3/4 -C	3/4" CTS ADAPTER	
AT-1 -C	1" CTS ADAPTER	
AT-1-1/2-I	1-1/2" IPS ADAPTER	
AT-1-1/2-C	1-1/2" CTS ADAPTER	
AT-2-I	2" IPS ADAPTER	
AT-2-C	2" CTS ADAPTER	
AT-3/4-I	3/4" IPS ADAPTER	
AT-1-I	1" IPS ADAPTER	
AT-1-1/4-C	1-1/4" CTS ADAPTER	
AT-2-M	2" IPS MALE ADAPTER (FOR 2" THREADED GATE VALVES)	
MUELLER VALVE ADAPTERS		
AT-1-1/2-CM	1-1/2" CTS MUELLER ADAPTER	
AT-2-CM	2" CTS MUELLER ADAPTER	
AT-3/4-IM	3/4" IPS MUELLER ADAPTER	
AT-1-IM	1" IPS MUELLER ADAPTER	
CARBIDE TIPPED HOLE SAWS (FOR PVC AND ALL NON-STEEL/METAL TAPS)		
AT-11/16-H	3/4" TAPS	AT-11/16-PE
AT-7/8 -H	1" TAPS	AT-7/8 -PE
AT-1-3/8 -H	1-1/2" TAPS	AT-1-3/8 -PE
AT-1-3/4-H	2" TAPS	AT-1-3/4-PE
AT-HA-H	HOLE SAW ADAPTER (hex)	PE CUTTERS
TIGER CUTTERS (FOR ALL STEEL/METAL TAPS)		
AT-11/16-T	3/4" TAPS	HEAVY DUTY CARBIDE
AT-7/8-T	1" TAPS	HEAVY DUTY CARBIDE
AT-1-3/8-T	1-1/2" TAPS	HEAVY DUTY CARBIDE
AT-1-3/4-T	2" TAPS	HEAVY DUTY CARBIDE