Where are you working?

- Underground Example: Water Mains for DI/CI or PVC/PE pipe
- Above Ground Example: Chilled water line in steel pipe
- Drilling and Threading directly into the pipe
- Both

What are you trying to do?

- Drilling a hole into the pipe through valve or corporation stop.
- Both

What size?

- 2" Only
- ¾" - 2"
- ¼" and 1"

What type of pipe?

- PVC ONLY
- Di/CI and PVC
- Medium Duty
- PVC type?
- Heavy Duty

Outlet thread type?

- Di/CI and PVC
- NPT, 110 Compression & Flare with included adapters
- NPT
- BSPT
- ANWWA 110 Compression NPT
- NPT, including Iron Body Gate Valves Tapered Threads 1 ¼" (1 7/8" O.D.), 2" (2 3/8" O.D.)

What is the outlet thread on a 2" pipe?

- 110 Compression Fine, Straight Threads 1 ¼" (2 1/8" O.D.), 2" (2 5/8" O.D.)
- NPT Tapered Thread 1 ¼" (1 7/8" O.D.), 2" (2 3/8" O.D.)
- CC Standard flare or Compression Straight, Coarser Threads 1 ¼" (2 15/32" O.D.), 2" (3 3/16" O.D.)
- NPT, 110 Compression & Flare with included adapters
- CC Standard Flare or Compression Straight, Coarser Threads 1 ¼" (2 15/32" O.D.), 2" (3 3/16" O.D.)

What is the outlet thread on a 2" iron body gate valve?

- NPT, including Iron Body Gate Valves Tapered Threads 1 ¼" (1 7/8" O.D.), 2" (2 3/8" O.D.)
- NPT, 110 Compression & Flare with included adapters
- CC Standard Flare or Compression Straight, Coarser Threads 1 ¼" (2 15/32" O.D.), 2" (3 3/16" O.D.)
- NPT, including Iron Body Gate Valves Tapered Threads 1 ¼" (1 7/8" O.D.), 2" (2 3/8" O.D.)

NOTES:

- TM1100, CDTM, and DM Series Machines require cutters and drills that are sold separately.
- "+" symbol in chart indicates recommended cutters/drills to be purchased.
- Feed Tap™ (FT series) machines on this chart include 4 cutters in FT2000 series, but 2 cutters in FT1000 series.
- Power drives available for TM1100 and DM Series (DM1100/DM2100) tap/drill machines. 1 For 2" Iron Body Gate Valves, Extended Boring Bar #99390 is REQUIRED for DM machines with 2" NPT adapters.
- For 2" Iron Body Gate Valve and Feed Tap™ machine, user must supply 2" male x 1" female bushing.
- DM3MECH is a base model with NO hole saws or arbor. Most hole saw brands fit this machine.