Tapping & Drilling Machines

TM1100, DM Series, Feed Tap, and DM3MECH

PIPE TOOLS & VISES SINCE 1896

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.

[2] For 2" Iron Body Gate Valve and Feed Tap™ machine, user must supply 2" male x 1" female bushing.

[3] DM3MECHB is a base model with NO hole saws or arbor. Most hole saw brands fit this machine.

VIDEO TRAINING

Drilling Machines | Feed Tap™ Drilling Machine | Direct Tapping Machine

Where are you working?

- **Above Ground** Example: Chilled water line in steel pipe → DM3MECH DM3MECHB[3]
- **Underground** Example: Water Mains for DI/CI or PVC/PE pipe → **What are you trying to do?**
  - **Drilling and Threading directly into the pipe** → TM1100 + Drill Tap + Tapping Saddle
  - **Both** → CDTM2100 + Accessories
  - **Drilling a hole into the pipe through valve or corporation stop.** → **What size?**
    - **2" Only** → DM2100B + Accessories
    - **¾" and 1"** → **What type of pipe?**
      - **PVC ONLY** → DMPVC COMP or DM1100 + PL688/PL875
      - **DI/CI and PVC** → **How do you want to operate the drilling machine?**
        - **Power Drive or Manual (Heavy Duty)** → **What is the outlet thread?**
          - **AWWA 110 Compression** → DM1100
          - **NPT** → DM1100NPT
          - **BSPT** → DM2100BSPT
        - **Cordless Drill or Manual (Medium Duty)** → FT1000CC110
    - **¾" - 2"** → **What type of pipe?**
      - **DI/CI and PVC** → **Outlet thread type?**
        - **NPT Tapered Thread 1 1/2" (1 7/8" O.D.) 2" (2 3/8" O.D.)** → DM2100CCNPT[1]
        - **110 Compression Fine, Straight Threads 1 1/2" (2 1/8" O.D.) 2" (2 5/8" O.D.)** → DM2100110
        - **CC Standard Flare or Compression Straight, Coarser Threads 1 1/2" (2 15/32" O.D.) 2" (3 3/16" O.D.)** → DM2100
      - **PVC ONLY** → **PVC type?**
        - **Medium Duty** → FT2000UNIV[2] or DM2100UNV + Accessories
        - **Heavy Duty** → FTP2000UNIV[2] + PL Series Shell Cutters (manual power only)
      - **NPT, 110 Compression & Flare with included adapters** → **What is the outlet thread on a 2" pipe?**
        - **CC Standard Flare or Compression Straight, Coarser Threads 1 1/2" (2 15/32" O.D.) 2" (3 3/16" O.D.)** → DM2100 + PL Series Shell Cutters
        - **NPT Tapered Threads 1 1/2" (1 7/8" O.D.) 2" (2 3/8" O.D.)** → DM2100NPT
        - **NPT, 110 Compression & Flare with included adapters** → DM2100UNIVERSAL[1]
        - **BSPT** → DM2100BSPT
        - **110 Compression Fine, Straight Threads 1 1/2" (2 1/8" O.D.) 2" (2 5/8" O.D.)** → DM2100110
        - **NPT, including Iron Body Gate Valves Tapered Threads 1 1/2" (1 7/8" O.D.) 2" (2 3/8" O.D.)** → DM2100CCNPT[1]