

The Ford Drilling Machine

Optional Items for 1-1/2" and 2" drilling requirements

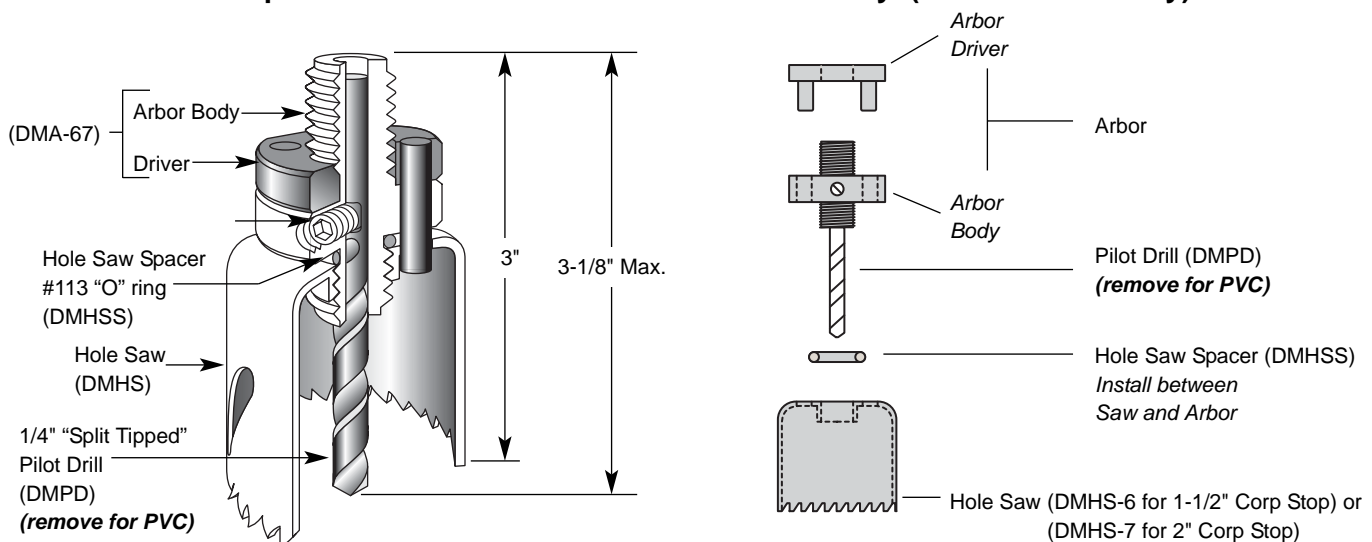
The Ford Drilling Machine, with its light-weight design and size, is ideal for making taps up to 1". The Ford Drilling Machine can be adapted for 1-1/2" and 2" taps. The following items will allow for OCCASIONAL taps for 1-1/2" and 2". Please note that the Ford Drilling Machine is not recommended for making routine taps larger than 1".

| CATALOG NUMBER | DESCRIPTION |
|-----------------------------------|---|
| ADAPTERS | |
| DMA1-6 | 1-1/2" FIP Adapter with gaskets |
| DMA2-6 | 1-1/2" Flare Copper Adapter with gaskets |
| DMA4-6-Q | 1-1/2" CTS Quick Joint Adapter with gaskets |
| DMA1-67 | 1-1/2" Adapter with 2" FIP threads for use with 1-1/2" FB800 and FB900 Corp Stops |
| DMA1-7 | 2" FIP Adapter with gaskets |
| DMA2-7 | 2" Flare Copper Adapter with gaskets |
| DMA4-7-Q | 2" CTS Quick Joint Adapter with gaskets |
| DMA1-78 | 2" Adapter with 2-1/2" FIP threads for use with 2" FB800 and FB900 Corp Stops |
| DMA6-3-Q | 3/4" PE Pipe Quick Joint Adapter with gaskets |
| DMA6-4-Q | 1" PE Pipe Quick Joint Adapter with gaskets |
| DMA8-6 | 1-1/2" Adapter with 1-1/2" MIP threads for use with 1-1/2" FB1600 and FB1700 Corp Stops |
| DMA8-7 | 2" Adapter with 2" MIP threads for use with 2" FB1600 and FB1700 Corp Stops |
| HOLE SAWS | |
| DMHS-6 | 1-3/8" Hole Saw for 1-1/2" Corp Stop (fits Arbor DMA-67) |
| DMHS-7 | 1-7/8" Hole Saw for 2" Corp Stop (fits Arbor DMA-67) |
| DMHSS | Package of 6 Hole Saw Spacers |
| DMA-67 | Arbor only for use with Boring Bar DMBB-67 (Includes DMPD Pilot Drill & DMHSS Spacer) |
| SHELL CUTTERS | |
| DMSC-6-DI | 1-3/8" Shell Cutter for Ductile Iron Pipe, 1-1/2" Corp Stop (fits Boring Bar DMBB-67) (Includes DMPD Pilot Drill) |
| DMSC-6-PVC | 1-3/8" Shell Cutter for PVC Pipe, 1-1/2" Corp Stop (fits Boring Bar DMBB-67) |
| DMSC-7-DI | 1-7/8" Shell Cutter for Ductile Iron Pipe, 2" Corp Stop (fits Boring Bar DMBB-67) (Includes DMPD Pilot Drill) |
| DMSC-7-PVC | 1-7/8" Shell Cutter for PVC Pipe, 2" Corp Stop (fits Boring Bar DMBB-67) |
| BORING BAR AND PILOT DRILL | |
| DMBB-67 | Boring Bar for 1-1/2" and 2" Corp Stops |
| DMPD | 1/4" Pilot Drill for use with DMSC-6-DI, DMSC-7-DI or DMA-67 Arbor |
| ADAPTER GASKETS | |
| GT-119 | Inside gasket for DMA6-3-Q Adapter |
| GT-128 | Inside gasket for DMA6-4-Q Adapter |
| GT-126 | Inside gasket for DMA4-6-Q Adapter |
| GT-127 | Inside gasket for DMA4-7-Q Adapter |
| GT-143 | Inside gasket for DMA2-6 and DMA1-67 Adapters |
| GT-142 | Inside gasket for DMA1-6 Adapter |
| GT-144 | Inside gasket for DMA1-7 Adapter |
| GT-132 | Inside gasket for DMA2-7 and DMA1-78 Adapters |

Note: 1-3/8" and 1-7/8" DMHS hole saws REQUIRE a DMA-67 Arbor

1-3/8" and 1-7/8" DMSC shell cutters ATTACH to the DMBB-67 boring bar and will not fit a DMA-67 Arbor

Example of an DMA-67 1-1/2" & 2" Arbor Assembly (for Hole Saws only)



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Option Selection Charts: Cutting Tools, Adapters and Boring Bars

CUTTING TOOLS: To select a cutting tool, choose the proper column for type of water main. Select the Nominal Hole Size. The proper cutting tool catalog number is in the far left column.



3/4" & 1" Drill



3/4" & 1" Shell Cutter



1-1/2" & 2" Shell Cutter for PVC



1-1/2" & 2" Shell Cutter for Ductile Iron



1-1/2" & 2" Hole Saw

| CATALOG NUMBER | DESCRIPTION | ACTUAL CUTTER DIAMETER | TYPE OF WATER MAIN (NOMINAL HOLE SIZE) | | |
|----------------|--------------|------------------------|--|--------|-----------------|
| | | | PVC | IRON | ASBESTOS CEMENT |
| DMD-1 | Drill | 7/16" | | 1/2" | 1/2" |
| DMD-2 | Drill | 9/16" | | 5/8" | 5/8" |
| DMD-3 | Drill | 11/16" | | 3/4" | 3/4" |
| DMD-4A | Drill | 7/8" | | 1" | 1" |
| DMSC-1 | Shell Cutter | 7/16" | 1/2" | | |
| DMSC-3 | Shell Cutter | 11/16" | 3/4" | | |
| DMSC-4A | Shell Cutter | 7/8" | 1" | | |
| DMSC-6-DI | Shell Cutter | 1-3/8" | | 1-1/2" | |
| DMSC-6-PVC | Shell Cutter | 1-3/8" | 1-1/2" | | 1-1/2" |
| DMSC-7-DI | Shell Cutter | 1-7/8" | | 2" | |
| DMSC-7-PVC | Shell Cutter | 1-7/8" | 2" | | 2" |
| DMHS-6 | Hole Saw | 1-3/8" | 1-1/2" | 1-1/2" | 1-1/2" |
| DMHS-7 | Hole Saw | 1-7/8" | 2" | 2" | 2" |

ADAPTERS: To select an adapter, choose the proper column for corporation body outlet thread type (see Catalog Section A to determine a Corporation Body Outlet Thread type and size). Select the desired thread size. The catalog number for the proper adapter is in the far left column.



Adapter for Flare Copper



Adapter for Male Iron Pipe

| CATALOG NUMBER | CORPORATION BODY OUTLET THREAD TYPE (NOMINAL THREAD SIZE) | | | |
|----------------|---|---------------------------------|----------------------------|---------------------------------------|
| | FLARE COPPER THREAD | MALE IRON PIPE THREADS | SPECIAL QUICK JOINT THREAD | FEMALE IRON PIPE THREAD |
| DMA2-1 | 1/2" | | | |
| DMA2-2 | 5/8" | | | |
| ** DMA2-3 | 3/4" | | | |
| ** DMA2-4 | 1" | | | |
| DMA2-5 | 1-1/4" | | | |
| DMA2-6 | 1-1/2" | | | |
| DMA2-7 | 2" | | | |
| DMA1-3 | | 3/4" | | |
| DMA1-4 | | 1" | | |
| DMA1-5 | | 1-1/4" | | |
| DMA1-6 | | 1-1/2" | | |
| DMA1-67 | | 2" (1-1/2" FB800/900 Ballcorps) | | |
| DMA1-7 | | 2" | | |
| DMA1-78 | | 2-1/2" (2" FB800/900 Ballcorps) | | |
| DMA4-5-Q | | | 1-1/4" CTS Quick Joint | |
| DMA4-6-Q | | | 1-1/2" CTS Quick Joint | |
| DMA4-7-Q | | | 2" CTS Quick Joint | |
| DMA6-3-Q | | | 3/4" PEP Quick Joint | |
| DMA6-4-Q | | | 1" PEP Quick Joint | |
| DMA8-6 | | | | 1-1/2" (1-1/2" FB1600/1700 Ballcorps) |
| DMA8-7 | | | | 2" (2" FB1600/1700 Ballcorps) |

BORING BARS: Select the boring bar that corresponds to the cutting tool(s) that meet your drilling requirements. The catalog number for the proper boring bar is in the far left column.



| CATALOG NUMBER | CORRESPONDING CUTTING TOOLS |
|----------------------|--|
| DMBB-1 | DMD-1, DMSC-1 |
| ▲** DMBB-3 | DMD-3, DMSC-3, |
| ▲** DMBB-4A | DMD-4A, DMSC-4A |
| * DMBB-67 | DMSC-6-DI, DMSC-6-PVC, DMSC-7-DI, DMSC-7-PVC |
| * DMBB-67 & * DMA-67 | DMHS-6, DMHS-7 |

NOTES: * DMA-67 (Drilling Machine Arbor) is required for 1-1/2" and 2" Hole Saws, DMHS-6 and DMHS-7
 ** This item is included in the complete Drilling Machine Kit, **Catalog Number DMK-1-12A.**
 ▲ This item is included in the Drilling Machine Only, **Catalog Number DMO-1-9A.**