

# The Ford Drilling Machine

## 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



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-7	Hole Saw	1-7/8"	2"	2"	2"
DMD-5-DI	Drill	1-1/8"	-	1-1/4"	1-1/4"
DMSC-5-PVC	Shell Cutter	1-1/8"	1-1/4"	-	1-1/4"

**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	FLARE COPPER THREAD	CORPORATION BODY OUTLET THREAD TYPE (NOMINAL THREAD SIZE)		
		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	
DMA4-5F-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	DMD-5-DI, DMSC-5-PVC, DMSC-6-DI, DMSC-6-PVC, DMSC-7-DI, DMSC-7-PVC
* DMBB-67 & DMA-67	DMHS-7

**NOTES:** \* DMA-67 (Drilling Machine Arbor) is required for 2" Hole Saw, 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.**

† For use with 7/8" (1" nominal) drill or Shell Cutter.