



THE FORD METER BOX COMPANY, INC.  
CERTIFIED TO ISO 9001:2015  
10002505

# Ford® Drilling Machines

## Section AB

## Parts and Instruction Manual



# The Ford Model 77 Drilling Machine

## DRILLING MACHINE KITS

CATALOG NUMBER	DESCRIPTION
<b>DMO-NL</b>	Model 77 Drilling Machine (items 1 through 8) (10 lb.)
<b>DMO-1-9A-NL</b>	Model 77 Drilling Machine including Boring Bars (items 1 through 9A)
<b>DMK-1-12A-NL</b>	Model 77 Drilling Machine Kit Complete (items 1 through 12) (36 lb.)

Drills, cutters and hole saws are not included with kits. See page AB-6 for a complete list of these items.

## DRILLING MACHINE COMPONENTS

REF. No.	DESCRIPTION	CATALOG NUMBER
<b>1</b>	Handwheel and Feedscrew	<b>DMHF</b>
<b>2</b>	Ratchet Wrench	<b>DMRW</b>
<b>3</b>	Yoke	<b>DMY</b>
<b>4</b>	Yoke Bolts (2)	<b>DMYB</b>
<b>5</b>	Plug - 3/4" Iron Pipe Thread	<b>DMP-3-NL</b>
<b>6</b>	Packing Bushing	<b>DMPB-NL</b>
<b>7</b>	Boring Bar Packing (2)	<b>DMBBP</b>
<b>8</b>	Body	<b>DMB-NL</b>
<b>9</b>	Boring Bar Only (fits 11/16" drill and shell cutter for 3/4" corp stop)	<b>DMBB-3</b>
<b>9A</b>	Boring Bar Only (fits 7/8" drill and shell cutter for 1" corp stop)	<b>DMBB-4A</b>
<b>10</b>	3/4" Flare Copper Adapter with Gaskets	<b>DMA2-3-NL</b>
	1" Flare Copper Adapter with Gaskets	<b>DMA2-4-NL</b>
<b>11</b>	Open-end Adjustable Wrenches (2) 1 each of 8" and 10"	<b>DMAW-PR</b>
<b>12</b>	Tool Box	<b>DMTB</b>

### OPTIONAL ITEMS

<b>-</b>	Drilling Machine Ratchet Wrench Repair Kit	<b>DMRWK</b>
<b>13</b>	Hose Adapter for Chip Flushing	<b>DMHA-NL</b>
<b>14</b>	Ball Valve with Hose threads for Chip Flushing	<b>B8H-233-HB-2-NL</b>
<b>15</b>	10 ft. Hose for Chip Flushing	<b>DMH-10</b>
<b>16</b>	Outside Gasket for all Corp Stop Adapters	<b>GT-130</b>

### OPTIONS FOR 1/2" - 1-1/4" DRILLING REQUIREMENTS

<b>17</b>	7/16" Drill for 1/2" Corp Stop (fits boring bar DMBB-1)	<b>DMD-1</b>
	9/16" Drill for 5/8" Corp Stop (fits boring bar DMBB-2)	<b>DMD-2</b>
	11/16" Drill for 3/4" Corp Stop (fits boring bar DMBB-3)	<b>DMD-3</b>
	7/8" Drill for 1" Corp Stop (fits boring bar DMBB-4A)	<b>DMD-4A</b>
<b>18</b>	Boring Bar for 7/16" Drill for 1/2" Corp Stop	<b>DMBB-1</b>
<b>19</b>	Boring Bar for 9/16" Drill for 5/8" Corp Stop	<b>DMBB-2</b>
<b>20</b>	7/16" Shell Cutter for PVC (fits boring bar DMBB-1)	<b>DMSC-1</b>
	11/16" Shell Cutter for PVC (fits boring bar DMBB-3)	<b>DMSC-3</b>
	7/8" Shell Cutter for PVC (fits boring bar DMBB-4A)	<b>DMSC-4A</b>
<b>21</b>	1/2" Flare Copper Adapter with Gaskets	<b>DMA2-1-NL</b>
	5/8" Flare Copper Adapter with Gaskets	<b>DMA2-2-NL</b>
	1-1/4" Flare Copper Adapter with Gaskets	<b>*DMA2-5-NL</b>
	3/4" Female Iron Pipe Adapter with Gaskets	<b>DMA1-3-NL</b>
	1" Female Iron Pipe Adapter with Gaskets	<b>DMA1-4-NL</b>
	1-1/4" Female Iron Pipe Adapter with Gaskets	<b>*DMA1-5-NL</b>
	1-1/4" Quick Joint Adapter with Gaskets (CTS)	<b>*DMA4-5-Q-NL</b>
	3/4" Quick Joint Adapter with Gaskets (PEP)	<b>DMA6-3-Q-NL</b>
	1" Quick Joint Adapter with Gaskets (PEP)	<b>DMA6-4-Q-NL</b>
<b>22</b>	Inside Gasket for 1/2" Flare Copper Adapter	<b>GT-106</b>
	Inside Gasket for 5/8" Flare Copper Adapter	<b>GT-107</b>
	Inside Gasket for 3/4" Flare Copper Adapter	<b>GT-118</b>
	Inside Gasket for 1" Flare Copper Adapter	<b>GT-119</b>
	Inside Gasket for 1-1/4" Flare Copper Adapter	<b>GT-147</b>
	Inside Gasket for 3/4" Iron Pipe Adapter	<b>GT-114</b>
	Inside Gasket for 1" Iron Pipe Adapter	<b>GT-120</b>
	Inside Gasket for 1-1/4" Iron Pipe Adapter	<b>GT-119</b>

**Note:** 1-1/4", 1-1/2" and 2" equipment on following page.

\* For use with 7/8" (1" nominal) drill or shell cutter and DMBB-4A boring bar. See following page for 1-1/8" cutters and adapters.

