

# 3.4

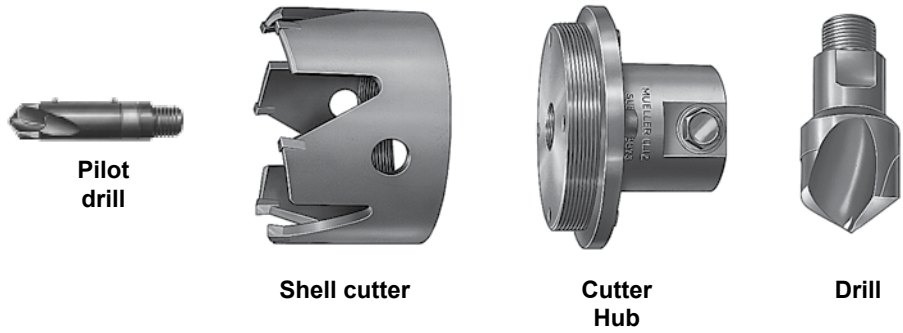


## MUELLER® CL-12™ DRILLING MACHINE SHELL CUTTERS & DRILLS

Rev. 6-16 Shaded area indicates changes

### MUELLER CL-12 Drilling Machine tools

The CL-12 Drilling Machine equipment shown below is used to make lateral connections to mains by drilling through tapping sleeves and valves, gate valves, or standard fittings.



### Shell cutters and drills

Material of pipe to be cut	Equipment	Size of valve or fitting								
		2"	2-1/4"	3"	4"	6"	8"	10"	12"	
	<b>Size of shell cutter or drill OD</b>	<b>1-3/4"</b>	<b>2"</b>	<b>2"</b>	<b>2-1/2"</b>	<b>3-1/2"</b>	<b>5-1/2"</b>	<b>7-1/2"</b>	<b>9-1/2"</b>	<b>11-1/2"</b>
Cast iron, ductile iron pipe, cement-lined cast iron or cement-lined ductile iron, A-C, concrete, and steel pipe	Shell cutter*†	-	-	-	83617	83203	83134	83135	83140	83141
	Cutter hub	-	-	-	83599	83671	83673	83676	83679	83682
	Pilot drill*	-	-	-	83954	83954	83955	83956	83957	83958
	Pilot drill**	-	-	-	83634	83634	83639	683025	83678	683026
	Drill	33539	33541	33541	-	-	-	-	-	-
	Boring bar adapter	83666	83666	83666	-	-	-	-	-	-
	<b>Equipment Kit Includes the following:</b>	-	-	-	<b>682318</b>	<b>682319</b>	<b>682320</b>	<b>682321</b>	<b>682322</b>	<b>682323</b>
	Shell cutter	-	-	-	83617	83203	83134	83135	83140	83141
	Cutter Hub	-	-	-	83599	83671	83673	83676	83679	83682
	Pilot drill	-	-	-	83634	83634	83639	683025	83678	683026
	MJ Valve Adapter	-	-	-	83367	83368	83369	83370	83371	83372
<b>Shell cutter OD††</b>	-	-	-	-	<b>3.3"</b>	<b>5.0"</b>	<b>6.6"</b>	<b>8.3"</b>	<b>10.0"</b>	
PVC/PEP	Shell cutter	-	-	-	-	537061	537062	682581	682583	682585
	Pilot Drill (Shell Cutter)	-	-	-	-	681919	681919	681919	681919	681919
	Pilot Drill Extension	-	-	-	-	537068	537069	537069	537070	537070
	Cutter Hub	-	-	-	-	83671	83671	83671	83671	83671

\* These shell cutters and pilot drills are tungsten carbide tipped.

\*\* These pilot drills can be used on cast or ductile iron pipe, cement-lined cast or ductile iron pipe, and steel pipe.

† The outside diameter of these shell cutters is 1/2" less than the nominal size of the valve or fitting.

†† Shell cutters for use on plastic pipe only.

Note: Mueller recommended cutting grease is available in pints (88366).