

Rev. 11-18 Shaded area indicates changes

## Mueller E-5 Drilling Machine tools

Maximum drill size is specified for each corporation stop in section 5. Smaller drills may be used if desired.

### Mueller E-5 / Mega-Cut Machine Tool Kit for PVC Pipe - 682297

Description	Part No.	Description	Part No.	Description	Part No.	Description	Part No.
3/4" PVC equipment	-	1" PVC equipment	-	1-1/2" PVC equipment	-	2" PVC equipment	-
11/16" shell cutter	681919	7/8" shell cutter	681920	1-7/16" shell cutter	528087	1-3/4" shell cutter	528088
Holder for 681919	507634*	Holder for 681920	507634*	Holder for 528087	508198*	Holder for 528088	508198*
3/4 corp adaptor†	52019	1" corp adaptor†	36750	1-1/2" flare corp adaptor	501947	2" flare corp adaptor	508201
-	-	-	-	1-1/2" 110 corp adaptor	501949	2" 110 Corp Adaptor	508199

† Adapters fit Flare, CTS 110, CTS Pack Joint, CTS Grip, and CTS Q Line

\* Only one of each provided in kit

### Mueller E-5 / Mega-Cut Machine Tool Kit for DI Pipe Drilling - 682298

Description	Part No.	Description	Part No.	Description	Part No.	Description	Part No.
3/4" DI equipment	-	1" DI equipment	-	1-1/2" DI equipment	-	2" DI equipment	-
11/16" drill bit	36037	7/8" drill bit	33253	1-7/16" shell cutter	682287	1-3/4" shell cutter complete	682289
Holder for 36037	61981	Holder for 33253	61993	Holder for 682287	502900*	Holder for 682289	502900*
3/4 corp adaptor†	52019	1" corp adaptor†	36750	1-1/2" flare corp adaptor	501947	2" flare corp adaptor	508201
-	-	-	-	1-1/2" 110 corp adaptor	501949	2" 110 Corp Adaptor	508199

† Adapters fit Flare, CTS 110, CTS Pack Joint, CTS Grip, and CTS Q Line

\* Only one of each provided in kit



Drill Holder

### Drills

Corporation stop size	Drill size	Drill type and part number					
		Regular† (used on steel pipe)	CEM-RES (used on A-C, and cement lined cast or ductile iron pipe)	Tungsten carbide tipped (used on concrete or A-C Pipe)	Insert	Torx screw	Drill holder
1/2"	7/16"	61879*	79175*	-	-	-	-
5/8"	9/16"	62011*	-	-	-	-	-
3/4"	11/16"	61992	36037	83142**	31270	312722	61981
1"	7/8"	61990	33253	-	-	-	61993
	15/16"	61989	36039	83143**	312711	312723	

† Using regular drills on A/C or cement lined pipe will void the warranty.

\* Combined drill and holder.

\*\* These pilot drills have tungsten carbide tips held securely in place with screws. Tips are available as replacement parts.



Combined drill and holder

Adapters E-5 drills to D-5 machine	
5-1/2" long	40438
9-3/4" long	36324

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

Shaded area indicates change Rev. 4-20



Optional coupon removal tool

Shell cutter

Holder

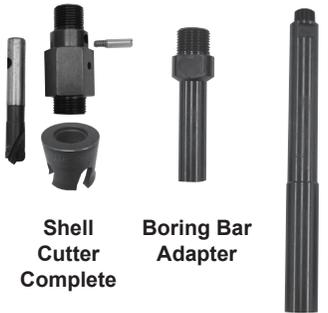
## Shell cutters for PVC pipe

Corporation stop size	Shell cutter size	Maximum plastic pipe wall thickness	Shell cutter	Shell cutter holder	Shell cutter with holder	Optional coupon removal tool
3/4"	11/16"	1.125"	681919**	507634	581760	681242
1"	7/8"	1.125"	681920**	507634	581761	681242
1-1/2"	1-7/16"	1.125"	528087	508198	-	681243
2"	1-3/4"	1.125"	528088	508198	-	681243

\*\* Shell cutters furnished with lock washer.

Corporation stop size	Shell cutter size	Maximum plastic pipe wall thickness	Shell cutter	Shell cutter holder	Shell cutter with holder	Optional coupon removal tool
3/4"	11/16"	2"	683159	507634	-	681242
1"	7/8"	2"	683160	507634	-	681242
1-1/2"	1-7/16"	2"	538682	508198	-	681243
2"	1-3/4"	2"	538728	508198	-	681243

For 14" PVC pipe and larger only use Mueller power operator with automatic feed. Power operator must turn Boring Bar and feed yoke assembly at the same time.



Shell Cutter Complete

Boring Bar Adapter

Holder

## Shell cutters for cement lined, cast iron , ductile iron, A-C and steel pipe

Corporation stop size	Shell cutter size	Shell cutter	Arbor	Pilot drill	Set screw	Shell cutter complete	Shell cutter holder
1-1/2"	1-7/16"	528157	528156	501641	37802	682287	502900
2"	1-7/8"	528159	528156	501641	37802	682289	502900

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

**WARNING:** Use on A-C pipe, which contains a known carcinogen, requires appropriate protective equipment and procedures be employed.

**Mueller D-5 Drilling Machine tools**

Maximum drill size is specified for each corporation stop in section 5. Smaller drills may be used if desired.

**Mueller D-5 Machine Tool Kit for DI 682299**

Description 3/4" DI equipment	Part Number	Description 1" DI equipment	Part Number	Description 1-1/2" DI equipment	Part Number	Description 2" DI equipment	Part Number
11/16" drill bit	36037	7/8" Drill Bit	33253	1-7/16" shell cutter complete	682287	1-7/8" shell cutter complete	682286
Holder for 36037	36998	Holder for 33253	37032	Holder for 682287	502900*	Holder for 682286	33314
3/4" corp adapter†	37902	1" corp adapter†	37903	1-1/2" flare corp adapter	37905	2" flare corp adapter	37906
-	-	-	-	1-1/2" 110 corp adapter	507644	2" 110 corp adapter	507645

† Adapters fit Flare, CTS 110, CTS Pack Joint, CTS Grip, and CTS Q Line

\* Boring bar adapter 40438 must be used with this shell cutter holder

**Mueller D-5 Machine Tool Kit for PVC 682300**

Description 3/4" PVC equipment	Part Number	Description 1" PVC equipment	Part Number	Description 1-1/2" PVC equipment	Part Number	Description 2" PVC equipment	Part Number
11/16" shell cutter	681919	7/8" shell cutter	681920	1-7/16" shell cutter	528087	1-3/4" shell cutter	528088
Holder for 681919	507634*	Holder for 681920	507634*	Holder for 528087	508198*	Holder for 682286	508198*
3/4" corp adapter†	37902	Boring bar adapter	40438*	Boring bar adapter	40438*	Boring bar adapter	40438*
Boring bar adapter	40438*	1" corp adapter†	37903	1-1/2" flare corp adapter	37905	2" flare corp adapter	37906
-	-	-	-	1-1/2" 110 corp adapter	507644	2" 110 corp adapter	507645

† Adapters fit Flare, CTS 110, CTS Pack Joint, CTS Grip, and CTS Q Line

\*Only 1 of each is provided in kit

**Drills**

Corporation stop size	Drill size	Drill type and part number					Drill Holder
		Regular† (used on Steel Pipe)	CEM-RES (used on A-C and Cement Lined Cast or Ductile Iron)	Tungsten carbide tipped (used on Concrete or A-C Pipe)	Insert	Torx Screw	
3/4"	11/16"	61992	36037	83142**	312710	312722	36998
1"	7/8"	61990	33253	-	-	-	37032
1-1/4"	1-1/16"	33530	-	-	-	-	33555
1-1/2"	1-7/16"	33536	36056	83144**	312716	312547	33316
2"	1-7/8"	33540*	36069*	83193**(*)	312721	312547	33314

† Using regular drills on A/C or cement lined pipe will void the warranty.

\* When using these tools with a power operator, hand feed only.

\*\*These pilot drills have tungsten carbide tips held securely in place with screws. Tips are available as replacement parts.

Adapters E-5 to D-5 Machine	
5-1/2" Long	40438
9-3/4" Long	36324



Drill



Holder