

**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



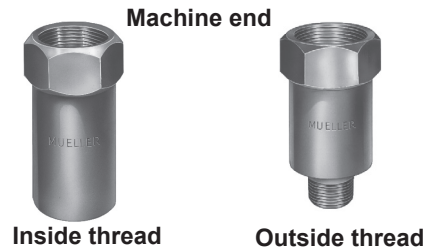
Drill



Holder

**Mueller D-5 Drilling Machine adapter nipples**

Drilling machine adapter nipples are used to adapt a drilling machine to the outlet of a corporation stop. Each adapter fits a specific machine to a specific size and type of corporation stop outlet. Some corporation stop outlets require a gasket to be used between the outlet and adapter. Gaskets are ordered separately (see below).



Corporation stop outlet thread	Maximum press . & temp. rating	Size of corporation stop outlet connection					
		3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"
Copper flare connection	200 psig@ 100 F	37902	37903	682259	37905	37906	-
CTS Mueller 110® Conductive Compression Connection*		37902	37903	-	507644	507645	-
CTS Mueller Pack Joint Connection*		37902	37903	-	507644	507645	-
CTS Mueller Grip		37902	37903	-	507644	507645	-
CTS QLine		37902	37903	-	-	-	-
IPS Mueller Grip		508917	682259	-	-	-	-
PVC Plastic Pack Joint Compression Connection****		508917	682259	-	682033	682034	-
IPS PE Pack Joint Compression Connection***		508917	682259	-	507645	682034	-
IPS PE Mueller 110 Compression Connection***		508917	508918	-	-	-	-
Mueller Coupling thread		61165	77375	-	-	-	-
F.I.P. copper flare connection		-	51104	-	-	-	-
Insulated end (fits union end on valve body)		528723	528724	-	-	682649	-
M.I.P. thread outlet		1200 psig @ 100 F	36910	36911	36912	36913	36525
Outside thread-F.I.P. thread outlet	1000 psig @ 100 F	33556	36323	36195	36196	36188	36975

\*For type "K" copper service tubing or plastic tubing having the same O.D.  
 \*\*For PE plastic pipe, meeting specifications ASTM D-2239.  
 \*\*\*IPS Polyvinylchloride (PVC) Per ASTM D-1785  
 NOTE: PN 502938 Adapter, adapts D-5 machine adapters to E-5 machine.

**Machine adapter nipple gaskets**

Several types of machine adapter nipples require a gasket to seal the adapter to the outlet of the corporation stop. These gaskets are ordered separately from the following chart.



Machine adapter nipple part number	37902	37903	682259	37905	37906
Gasket part number	3/4" (H-15053)	1" (H-15053)	1-1/4" (H-15053)	1-1/2" (H-15053)	2" (H-15053)
Machine adapter nipple part number	508918	51104	507644	508917	507645
Gasket part number	500846	1" (H-15053)	1" (507646)	1" (H-15053)	2" (507647)