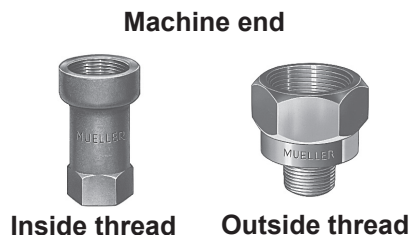


Rev. 11-18 Shaded area indicates changes

Mueller E-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).



Type adapter thread-corporation stop outlet thread	Maximum press. & temp. rating	Size of corporation stop outlet connection						
		1/2"	5/8"	3/4"	1"	1-1/4"	1-1/2"	2"
Copper flare connection	200 psig @ 100 F	63796	-	52019	36750	682256Δ	501947	508201
CTS Mueller 110® Conductive Compression*		63796	-	52019	36750	682256Δ	501949	508199
CTS Mueller Pack Joint Connection*		-	-	52019	36750	-	501949	508199
CTS Mueller Grip		-	-	52019	36750	-	501949	508199
CTS QLine		-	-	52019	36750	-	-	-
IPS Mueller Grip		-	-	508919	682256Δ	-	-	-
PVC Plastic Pack Joint Compression Connection***		-	-	508919	682256Δ	-	682257Δ	682258Δ
IPS PE Pack Joint Compression Connection***		-	-	508919	682256Δ	-	508199	682258Δ
IPS PE Mueller 110 Compression Connection***		-	-	508919	508920	-	-	-
Mueller Coupling thread		75493	75494	75495	75496	-	-	-
IP copper flare connection		-	-	43900	43870	-	-	-
Insulated end (fits union end on valve body) must be used with 502938		-	-	528723	528724	-	-	682649
MIP thread outlet	1200 psig @ 100 F	36966	-	36919	36917	36928	501948	508200
FIP thread outlet	1000 psig @ 500 F	36967	-	36920	36918	36733	503435	78907

*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

Δ Adapters Furnished with Gaskets

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	63796	43900	52019	36750	43870	45385
Gasket part number	1/2" (H-15053)*	3/4" (H-15053)*	3/4" (H-15053)*	1" (H-15053)*	1" (H-15053)*	1-1/4" (H-15053)*

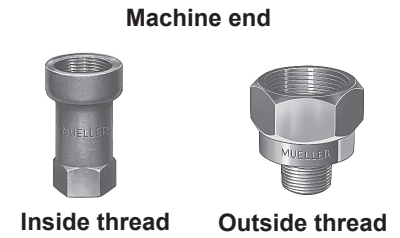
Machine adapter nipple part number	508920	501947	501949	508199	508201	508919
Gasket part number	500846**	1-1/2" (H-15053)*	1-1/2" 507646**	2" 507647**	2" (H-15053)*	1" (H-15053)*

* Copper

** Rubber

Mueller MEGA-CUT 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).



Type adapter thread-corporation stop outlet thread	Maximum press. & temp. rating	Size of corporation stop outlet connection						
		1/2"	5/8"	3/4"	1"	1-1/4"	1-1/2"	2"
Copper flare connection	200 psig @ 100 F	63796	-	52019	36750	682256Δ	501947	508201
CTS Mueller 110® Conductive Compression*		-	-	52019	36750	-	501949	508199
CTS Mueller Pack Joint Connection*		-	-	52019	36750	-	501949	508199
CTS Mueller Grip		-	-	52019	36750	-	501949	508199
CTS QLine		-	-	52019	36750	-	-	-
IPS Mueller Grip		-	-	508919	682256Δ	-	-	-
PVC Plastic Pack Joint Compression Connection***		-	-	508919	682256Δ	-	682257	682258
IPS PE Pack Joint Compression Connection***		-	-	508919	682256Δ	-	508199	682258
IPS PE Mueller 110 Compression Connection***		-	-	508919	508920	-	-	-
Mueller Coupling thread		75493	75494	75495	75496	-	-	-
IP copper flare connection		-	-	43900	43870	-	-	-
Insulated end (fits union end on valve body) must be used with 502938		-	-	528723	528724	-	-	-
MIP thread outlet	1200 psig @ 100 F	36966	-	36919	36917	36928	501948	508200
FIP thread outlet	1000 psig @ 500 F	36967	-	36920	36918	36733	503435	78907

*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	63796	43900	52019	36750	43870	45385
Gasket part number	1/2" (H-15053)	3/4" (H-15053)	3/4" (H-15053)	1" (H-15053)	1" (H-15053)	1-1/4" (H-15053)

Machine adapter nipple part number	501949	508199	508920	508919	501947	508201
Gasket part number	507646	507647	500846	1" (H-15053)	1-1/2" (H-15053)	2" (H-15053)

Mueller Tru-Cut Machine for drilling operations underpressure on PVC pipe - 11/16" and 7/8" inclusive

- ☐ **Catalog number TRU-CUT (Part number 39431)**
- ☐ Hand operation
- ☐ Drive nut accepts both a standard 3/8" ratchet and a 3/4" socket/box wrench
- ☐ Designed for use on pressurized or dry mains
- ☐ Used to drill through 3/4" and 1" corporation stops and service saddles
- ☐ 7" (178 mm) boring bar travel
- ☐ Two retaining arms on feed sleeve connector retain the boring bar and help prevent line pressure from pushing the boring bar up once the cut is complete
- ☐ Used to cut PVC pipe only
- ☐ 200 psig (1379 kPa) maximum working pressure
- ☐ 150 F (66 C) maximum temperature rating

NOTE: The working pressure or temperature rating is reduced accordingly if any attachment, valve, or fitting subjected to pressure or temperature during the drilling operation has a maximum working pressure or temperature rating less than that specified above.



Equipment furnished with each Tru-Cut machine:

- ☐ Body gasket #58733
- ☐ Operating instructions (Form #11941)

Equipment to be selected:

- ☐ Shell cutters – page 2.20
- ☐ Drilling machine adapters – page 2.20
- ☐ Accepts both a standard 3/8" ratchet and a 3/4" socket/box wrench

	Tru-Cut
Machine only weight	5 lbs. (2.3 kg)
Shipping & extended length	18-1/2"

Mueller Tru-Cut machine tool kit - 682296

Description	Part Number
Tru-Cut Machine	39431
3'4" equipment	
11/16" shell cutter for PVC	681919
3/4" corp adapter†	507632
1" equipment	
7/8" shell cutter for PVC	681920
1" corp adapter†	507633

† Adapters fit Flare, CTS 110, CTS Pack Joint, CTS Grip, and CTS Kitec