

Equipment needed to attached cutter and adapter to D5 Machine

Part Number	Equipment Description
538648	Adapter used to attach tapping valve adapters to D5 Machine
683220	Adapter used to attach shell cutters & pilot drills to 33314 holder
33314	Holder used to attach 683220 to boring bar



538648



683220



33314

Shell cutter and drill

Material of pipe to be cut	Tool	Size of Valve or fitting			
		3"	4"	6"	8"
		Drill or shell cutter size			
		2-1/2"	3-1/2"	5-1/2"	7-1/2"
Cast iron, ductile iron, cement-lined cast iron, cement-lined ductile iron, A-C, concrete, steel	Shell cutter* & hub	537071	537072	537073	537074
	Pilot Drill Assembly†	682573	682573	682573	682573
	Pilot Drill Extensions	—	—	—	537044
		Drill or shell cutter size			
		—	3.3"	5"	6.6"
PVC/PEP	Shell cutter** & hub	—	537052	537053	682574
	Pilot Drill Assembly	—	681919	681919	681919
	Pilot Drill Extensions	—	537047	537048	537048

DI Pilot Drill



DI Pilot Drill Extensions



DI Shell cutter



PVC/PEP Pilot Drill Extensions



PVC/PEP Shell cutter

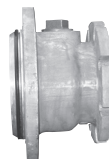
*Mounts directly to boring bar

**Mounts directly to boring bar. Designed to cut up to DR9 PEP. Wall thickness 1.125 Max.

†Replaceable high speed tool steel drill tip - 537019.



Mechanical joint adapter O-ring gasket



Mechanical joint adapter



Flange adapter

Mueller Mega-Lite Drilling Machine Adapters

Tapping valve information	Valve catalog no.	Max working pressure*	Adapter part		Size of tapping valve			
Valve end connection					3"	4"	6"	8"
Mechanical Joint** Mfg. Aluminum	T-2361	250 psig @ 100F	MJ Adapter complete		683148	682589	682590	682591
			O-ring adapter gasket		307925	307926	307927	307928
			Adapter bolts & nuts	Part Number	Bolts and nuts are furnished with each mechanical joint tapping valve in these sizes			
				Quantity				
			Washers	Part Number				
	Quantity	16	16	16	16			
Flange Aluminum	ANSI 125/150	250 psig @ 100F	-		683133	683065	683066	683067
Flange Aluminum	PN10	250 psig @ 100F	-		683134	683073	683074	683075
Flange Aluminum	PN16	250 psig @ 100F	-		683134	683073	683074	683076

*This is the maximum working pressure of the adapter at 100F (38C). This working pressure must be reduced accordingly if any attachment, valve, fitting, or machine subjected to pressure during the use of this adapter, has a maximum working pressure less than that specified above.

**Aluminum with 2" Chip Flushing Boss.

†3" Cast Iron