



Tapping Machines, Drilling Machines, Combination Drilling/Tapping Machines, PVC Drilling Machines, Power Drive and Adapters

Standard
Equipment &
Accessories

TAPPING MACHINES

REED's Direct Tapping Machine is used to drill and tap water mains while under pressure, then to install 3/4 or 1 inch corporation stops in a two-step operation. It covers a range of 4 to 48 inch cast or ductile iron and C900 PVC with the use of saddles and chain extensions. (Saddles sold separately.) The TM1100 tapping machine features a flip clamp feed system. Anodized and epoxy-painted aluminum frames provide a lightweight yet sturdy machine for tough in-ditch applications. The swing valve allows easy change-out from drill tap to corporation insertion tool without main shutdown. Tapping machine uses REED DT and DTP series drill taps.



TM1100 #09300 3/4" - 1" Tapping Machine

Item Code	Cat. No.	QTY	Description
99309	TM1100BBA	1	Boring Bar Assembly
99300	DMF	1	Threaded Body
98405	TMF8407	1	Chamber Cap
99305	DM2001SF/YA	1	Feed Assembly
98430	-	1	Top Chamber Assembly
40383	RWR1316	1	Ratchet Wrench Handle
48474	-	1	Rolling Tote
98425	TMTC	1	Tapping Compound
98417	CX5	1	5 ft. Chain
40369	TMCH	2	Chain Hook
40372	TMSG	1	Saddle Gasket
40371	TMSD	1	Saddle Ring Gasket
40405	TMF5/8WRENCH	1	5/8" Combination Wrench
98423	-	1	Corp. Insertion Tool, 3/4"
98424	-	1	Corp. Insertion Tool, 1"
98422	TMAS	1	Adapter Shank
02112	RSPUD	1	Spud Wrench



TM1100

OPTIONAL Drill Taps:

Item Code	Cat. No.	Description
04390	DT75	3/4" CC Thread
04391	DT100	1" CC Thread
04396	DT75P	3/4" CC Thread - PVC
04397	DT100P	1" CC Thread - PVC

REED drill taps fit REED, Mueller® B-100, B-101™, A-2 and A-3™, RIDGID® / Footage®. Plus the Romac® Transmate B1 and B-Too tapping machines.

OPTIONAL Tapping Saddles:

Item Code	Cat. No.	Description
98442	TS4	4" Saddle
98439	TS6	6" Saddle
98440	TS8	8" Saddle
98441	TS10	10" Saddle
98438	TS12	12" Saddle
98443	TS16	16" Saddle
98444	TS18	18" Saddle
98445	TS20	20" Saddle
98446	TS24	24" Saddle
98447	TS36	36" Saddle
98448	TS42	42" Saddle
98449	TS48	48" Saddle

Miscellaneous

Item Code	Cat. No.	Description
05270	700PD	700PD Power Drive
05276	700PDTMPDA	700PD and TMPDA Adapter
08430	TMPDA	13/16" Power Drive Adapter
98425	TMTC	16 oz. Tapping Compound
99140	TMTC6	6 oz. Tapping Compound, Squeeze Bottle

CONVERSION KITS*

Catalog No.	Item Code	Converts
CDTM1CONV	09306	TM1100 to CDTM1100
CDTM2CONV	09316	TM1100 to CDTM2100

*Includes all necessary parts to assemble as Combination Drilling/Tapping Machines.



DT75P



DT75



TMPDA

DRILLING MACHINES

Drilling machines cut or drill through the pipe wall via the corporation stop inserted into the service saddle while under pressure. They use REED D series drills or hole saws. The DM2100B machine consists of the base unit, which allows the customer to purchase separately individual corp adapters, drill or hole saw adapters, along with necessary drills or hole saws. With shell cutters and necessary adapters, these units can also be used on C-900 PVC pipe. DM2100110 is for use with Mueller® 110 compression corporation stops. DM2100CCNPT is a combination of 3/4" and 1" AWWA CC thread and 1 1/2" and 2" NPT thread adapters. DM2100UNIVERSAL has the base and accessories to work for AWWA and NPT threads up to 2".

NOTE: #99390 needed for iron body gate valves.

Item Code	Cat. No.	Size Inches	Weight	
			lbs	kg
09301	DM2100B	Base Only	49.5	22.5
09302	DM1100	3/4" - 1"	53.0	24.1
09305	DM1100NPT	3/4 - 1 NPT Corps	53.0	24.1
09308	DM2100BSPT	3/4 - 2	55.5	25.2
09312	DM2100	3/4 - 2	55.5	25.2
09315	DM2100NPT	3/4" - 2" NPT Corps	55.5	25.2
09317	DM2100110	3/4" - 2" 110 Compression	55.5	25.2
09318	DM2100CCNPT	3/4" - 1" AWWA 1 1/2" - 2" NPT	55.5	25.2
09321	DM2100UNIVERSAL	3/4" - 2" AWWA & NPT	60.0	27.3

DM2100B #09301 Basic Drilling Machine

Each REED Drilling Machine model starts with the DM2100B and builds from there. It is possible to purchase just the DM2100B which includes:

- Base Drilling Machine
- Handle
- Storage Case
- 10" Adjustable Wrench
- Coupon Retaining Drill Bit
- Tapping Compound
- Brass Nipple
- Spud Wrench
- Instructions

No drill adapters, corp adapters or adapter assembly are included. These items can be purchased separately or found within different Drilling Machine models.

DM1100 #09302 3/4" to 1" Drilling Machine

Item Code	Cat. No.	QTY	Description
09301	DM2100B	1	Basic Drilling Machine
98461	DMDA75	1	3/4" Drill Adapter
98462	DMDA100	1	1" Drill Adapter
08423	DMCA75	1	3/4" Corp Adapter
08424	DMCA100	1	1" Corp Adapter
02205	CW10	1	10" Black Adj. Wrench
02112	RSPUD	1	Spud Wrench
40383	RWR1316	1	Ratchet Wrench Handle
98425	TMTC	1	Tapping Compound
40396	TMBV	1	Corp Adapter Ball Valve
94150	DMAVPC	1	PVC Drill Adapter

DM1100NPT #09305 3/4" to 1" Drilling Machine

Item Code	Cat. No.	QTY	Description
09301	DM2100B	1	Basic Drilling Machine
98481	DMCA75EXT	1	3/4" Extended Drill Adapter
98482	DMCA100EXT	1	1" Extended Drill Adapter
08423	DMCA75	1	3/4" Corp Adapter
08424	DMCA100	1	1" Corp Adapter
02205	CW10	1	10" Black Adj. Wrench
02112	RSPUD	1	Spud Wrench
40383	RWR1316	1	Ratchet Wrench Handle
98425	TMTC	1	Tapping Compound
40396	TMBV	1	Corp Adapter Ball Valve
98472	DM75CONV	1	NPT-AWWA 3/4" Adapter
98473	DM100CONV	1	NPT-AWWA 1" Adapter
94150	DMAVPC	1	PVC Drill Adapter



VIDEO TRAINING

videos.reedmfgco.com/drillingmachines

DM2100 #09312 3/4" to 2" Drilling Machine

Item Code	Cat. No.	QTY	Description
09301	DM2100B	1	Basic Drilling Machine
98461	DMDA75	1	3/4" Drill Adapter
98462	DMDA100	1	1" Drill Adapter
08423	DMCA75	1	3/4" Corp Adapter
08424	DMCA100	1	1" Corp Adapter
08425	DMCA150	1	1 1/2" AWWA Corp Adapter
08426	DMCA200	1	2" AWWA Corp Adapter
02205	CW10	1	10" Black Adj. Wrench
02112	RSPUD	1	Spud Wrench
40383	RWR1316	1	Ratchet Wrench Handle
98425	TMTC	1	Tapping Compound
40396	TMBV	1	Corp Adapter Ball Valve
08413	DMHSA	1	Hole Saw Adapter
94150	DMAVPC	1	PVC Drill Adapter



DM2100NPT #09315 3/4" to 2" Drilling Machine

Item Code	Cat. No.	QTY	Description
09301	DM2100B	1	Basic Drilling Machine
98481	DMCA75EXT	1	3/4" Extended Drill Adapter
98482	DMCA100EXT	1	1" Extended Drill Adapter
08423	DMCA75	1	3/4" Corp Adapter
08424	DMCA100	1	1" Corp Adapter
08428	DMCA150NPT	1	1 1/2" NPT Corp Adapter
08429	DMCA200NPT	1	2" NPT Corp Adapter
02205	CW10	1	10" Black Adjustable Wrench
02112	RSPUD	1	Spud Wrench
40383	RWR1316	1	Ratchet Wrench Handle
98425	TMTC	1	Tapping Compound
40396	TMBV	1	Corp Adapter Ball Valve
08413	DMHSA	1	Hole Saw Adapter
98472	DM75CONV	1	NPT-AWWA 3/4" Adapter
98473	DM100CONV	1	NPT-AWWA 1" Adapter
94150	DMAVPC	1	PVC Drill Adapter

DRILLING MACHINES



✓ WHY REED?

Heavy duty machine that is compact and light weight to make up to 2" saddle taps. REED offers many versions of this "made in USA" drilling machine to meet individual customer needs.

DM2100BSPT #09308 3/4" to 2" Drilling Machine

Item Code	Cat. No.	QTY	Description
09301	DM2100B	1	Basic Drilling Machine
08413	DMHSA	1	Hole Saw Adapter for 1 1/2" & 2" Shell & Hole Cutters
08423	DMCA75	1	3/4" Corp Adapter
08424	DMCA100	1	1" Corp Adapter
98481	DMCA75EXT	1	3/4" Ext Drill Adapter
98482	DMCA100EXT	1	1" Ext Drill Adapter
98476	DM2075	1	1/2" BSPT 3/4" AWWA
98477	DMA75BSPTCONV	1	DM75 A/B Conv 3/4" BSPT 3/4" AWWA
98478	DM100BPSTCONV	1	DM75 A/B Conv 1" BSPT 1" AWWA
08434	DMCA125BSPT	1	1 1/4" BSPT Corp Adapter
08435	DMCA150BSPT	1	1 1/2" BSPT Corp Adapter
08436	DMCA200BSPT	1	2" BSPT Corp Adapter
02205	CW10	1	10" Adjustable Wrench
02112	RSPUD	1	Spud Wrench
40383	RWR1316	1	Ratchet Wrench Handle
98425	TMTC	1	Tapping Compound - 16 oz.
40396	TMBV	1	Corp Adapter Ball Valve
94150	DMAPVC	1	PVC Drill Adapter

DM2100CCNPT #09318 3/4" to 2" Drilling Machine

Item Code	Cat. No.	QTY	Description
09301	DM2100B	1	Basic Drilling Machine
98461	DMDA75	1	3/4" Drill Adapter
98462	DMDA100	1	1" Drill Adapter
08423	DMCA75	1	3/4" Corp Adapter
08424	DMCA100	1	1" Corp Adapter
02205	CW10	1	10" Black Adj. Wrench
02112	RSPUD	1	Spud Wrench
40383	RWR1316	1	Ratchet Wrench Handle
98425	TMTC	1	Tapping Compound
40396	TMBV	1	Corp Adapter Ball Valve
08413	DMHSA	1	Hole Saw Adapter
94150	DMAPVC	1	PVC Drill Adapter
08428	DMCA 150NPT	1	1 1/2" NPT Corp Adapter
08429	DMCA 200NPT	1	2" NPT Corp Adapter

DM2100UNIVERSAL #09321 3/4" to 2" Drilling Machine - AWWA & NPT

Item Code	Cat. No.	QTY	Description
09301	DM2100B	1	Basic Drilling Machine
98461	DMDA75	1	3/4" Drill Adapter
98462	DMDA100	1	1" Drill Adapter
08423	DMCA75	1	3/4" Corp Adapter
08424	DMCA100	1	1" Corp Adapter
08425	DMCA150	1	1 1/2" AWWA Corp Adapter
08426	DMCA200	1	2" AWWA Corp Adapter
02205	CW10	1	10" Black Adj. Wrench
02112	RSPUD	1	Spud Wrench
40383	RWR1316	1	Ratchet Wrench Handle
98425	TMTC	1	Tapping Compound
40396	TMBV	1	Corp Adapter Ball Valve
08413	DMHSA	1	Hole Saw Adapter
94150	DMAPVC	1	PVC Drill Adapter
98472	DM75CONVNPT	1	3/4" AWWA Adapter
98473	DM100CONVNPT	1	1" AWWA Adapter
08428	DMCA150NPT	1	1 1/2" NPT Corp Adapter
08429	DMCA200NPT	1	2" NPT Corp Adapter
98481	3/4" EXT	1	Drill Adapter
98482	1" EXT	1	Drill Adapter

DM2100110 #09317 3/4" to 2" Drilling Machine

Item Code	Cat. No.	QTY	Description
09301	DM2100B	1	Basic Drilling Machine
98461	DMDA75	1	3/4" Drill Adapter
98462	DMDA100	1	1" Drill Adapter
08423	DMCA75	1	3/4" Corp Adapter
08424	DMCA100	1	1" Corp Adapter
02205	CW10	1	10" Black Adj. Wrench
02112	RSPUD	1	Spud Wrench
40383	RWR1316	1	Ratchet Wrench Handle
98425	TMTC	1	Tapping Compound
40396	TMBV	1	Corp Adapter Ball Valve
08413	DMHSA	1	Hole Saw Adapter
94150	DMAPVC	1	PVC Drill Adapter
08431	DMCA 110150	1	1 1/2" Corp Adapter Mueller®
08432	DMCA 110200	1	2" Corp Adapter Mueller®

DRILLING MACHINE AND COMBINATION DRILLING/TAPPING MACHINE ACCESSORIES

After purchasing any one of the Drilling Machines, the customer must purchase the appropriate drill bit, hole cutter, or shell cutter.



D Series Drill Bit



Heavy Duty Carbide-Tipped Hole Cutter



Hole Saw Adapter



PVC Shell Cutter

D SERIES DRILL BITS

Drill bits are designed for use with REED drilling machines and Mueller® ES/D5 only, both of which use saddles. These spiral drills are made from strong, high speed steel, are heat treated for longer life, are black oxide coated for corrosion resistance, and are much easier cutting than other drills as the spiral motion clears away from the cut. Recommended for cast iron and ductile iron, including cement-lined ductile iron.

Item Code	Cat. No.	Drill Size In.	Nom. Corp Size Thread Inlet*	Weight lbs.	kg
04380	D688	11/16	3/4" NPT & AWWA	0.3	0.1
04381	D875	7/8	1" NPT	0.5	0.2
04382	D938	15/16	1" AWWA	0.6	0.3

*Check manufacturer's fitting specifications for proper hole diameter

HEAVY DUTY CARBIDE-TIPPED HOLE CUTTERS

For 1 1/2" and 2" taps with the correct adapter, these cutters provide more taps into mains than standard hole saws. Thicker walls, bigger carbides, and high-temperature brazing are the heavy-duty features that help withstand many cuts. These hole cutters also have a large slot for easy coupon removal. Heavy duty cutters are the best choice for cutting cast and ductile iron pipe, including cement-lined ductile iron.

Item Code	Cat. No.	Hole Saw Size In.	Nom. Corp Size Thread Inlet	Weight* lbs.	kg
04354	HDHS1438	1 7/16	1 1/2" NPT & AWWA	0.4	0.2
04355	HDHS1750	1 3/4	2" NPT	0.6	0.3
04356	HDHS1875	1 7/8	2" AWWA	0.7	0.3

*Estimated

HOLE SAW ADAPTER*

Item Code	Cat. No.	Description
08413	DMHSA	1 1/2" and 2" Adapter for Heavy Duty Carbide-Tipped Hole Cutters. Suitable for cast iron and ductile iron, including cement-lined ductile iron.

*Included with purchase of a REED DM2100 Series drilling machine.

PVC SHELL CUTTERS

Item Code	Cat. No.	Description	Nom. Corp Size
04385*	PL688	11/16" PVC Shell Cutter	3/4"
04386*	PL875	7/8" PVC Shell Cutter	1"
04387	PL1438	1 7/16" PVC Shell Cutter	1 1/2"
04392	PL1750	1 3/4" PVC Shell Cutter	2"

* These shell cutters need the #94150 drill adapter to mount into the boring bar of a REED Drilling Machine.

CORP ADAPTERS

Item Code	Cat. No.	Description
08423	DMCA75	3/4"
08424	DMCA100	1"
08425	DMCA150	1 1/2" AWWA
08426	DMCA200	2" AWWA
08428	DMCA150NPT	1 1/2" NPT
08429	DMCA200NPT	2" NPT
08431	DMCA110150	1 1/2" Mueller® 110 Compression Adapter †
08432	DMCA110200	2" Mueller® 110 Compression Adapter †



DMCA200 DMCA100

† For Mueller® corp stops; not for Mueller machines.

MISCELLANEOUS

04561	HDPD	4 3/8" x 1/4" Heavy Duty Pilot Drill
08358	MCR3/8	Magnetic Coupon Retainer Set, 3/8"
08359	MCR1/4	Magnetic Coupon Retainer Set, 1/4"
94150	DMAVPC	PVC Drill Adapter
98481	DMCA75EXT	3/4" Extended Drill Adapter
98482	DMCA100EXT	1" Extended Drill Adapter
98489	DMAVPCEXT	3/4" & 1" Extended PVC Shell Adapter
98499	DMCA100IPS	1" IPS Corp Stop Adapter
99129	CRPD25	Coupon Retaining Drill Bit
99390	DM1100BBEXT	Extended Boring Bar (new style)

COMBINATION DRILLING/TAPPING MACHINES

The CDTM machines are tapping machines with the necessary components for conversion to drilling machines. The CDTM1100 is a TM1100 with components for converting to a DM1100. The CDTM2100 is a TM1100 with components for converting to a DM2100. It utilizes REED Drill Taps (p. 1) and REED D Series Drill Bits, Hole Cutters or PVC Shell Cutters (p. 4). These items must be purchased separately.

CDTM1100 #09304

3/4" - 1" Tap / Drill

Item Code	Cat. No.	QTY	Description
99309	TM1100BBA	1	Boring Bar Assembly
99300	DM2001MB	1	Threaded Body
98430	TM1000CA	1	Top Chamber Assembly
99305	DM2001SF/YA	1	Feed Assembly
40383	RWR1316	1	Ratchet Wrench Handle
48474	-	1	Rolling Tote
98425	TMTC	1	Tapping Compound
98417	CX5	1	5 ft. Chain
40369	TMCH	2	Chain Hook
40372	TMSG	1	Saddle Gasket
40371	TMSD	1	Saddle Ring Gasket
40405	TMF5/8WRENCH	1	5/8" Combination Wrench
98423	TM75I	1	Corporation Insertion Tool, 3/4"
98424	TM100I	1	Corporation Insertion Tool, 1"
98422	TMAS	1	Adapter Shank
98411	TMBS	1	Bearing Sleeve
98412	TMKP	1	Knockout Pin
08423	DMCA75	1	3/4" Corp Adapter
08424	DMCA100	1	1" Corp Adapter
98461	DMDA75	1	3/4" Drill Adapter
98462	DMDA100	1	1" Drill Adapter
99304	DM1100BB	1	DM Boring Bar
02205	CW10	1	10" Adj. Wrench
40396	TMBV	1	1/2" Ball Valve
97564	TMCBN	1	1/2" Nipple
94150	DMA PVC	1	PVC Drill Adapter
02112	RSPUD	1	Spud Wrench

CDTM2100 #09314

3/4" - 1" Tap 3/4" - 2" Drill

Item Code	Cat. No.	QTY	Description
99309	TM1100BBA	1	Boring Bar Assembly
99300	DM2001MB	1	Threaded Body
98430	TM1000CA	1	Top Chamber Assembly
99305	DM2001SF/YA	1	Feed Assembly
40383	RWR1316	1	Ratchet Wrench Handle
48474	-	1	Rolling Tote
98425	TMTC	1	Tapping Compound
98417	CX5	1	5 ft. Chain
40369	TMCH	2	Chain Hook
40372	TMSG	1	Saddle Gasket
40371	TMSD	1	Saddle Ring Gasket
40405	TMF5/8WRENCH	1	5/8" Combination Wrench
98423	TM75 I	1	Corporation Insertion Tool, 3/4"
98424	TM100I	1	Corporation Insertion Tool, 1"
98422	TMAS	1	Adapter Shank
98411	TMBS	1	Bearing Sleeve
98412	TMKP	1	Knockout Pin
08423	DMCA75	1	3/4" Corp Adapter
08424	DMCA100	1	1" Corp Adapter
98461	DMDA75	1	3/4" Drill Adapter
98462	DMDA100	1	1" Drill Adapter
99304	DM1100BB	1	DM Boring Bar
02205	CW10	1	10" Adj. Wrench
40396	TMBV	1	1/2" Ball Valve
97564	TMCBN	1	1/2" Nipple
08413	DMHSA	1	Hole Saw Adapter
08425	DMCA150	1	1 1/2" Corp Adapter
08426	DMCA200	1	2" Corp Adapter
94150	DMA PVC	1	PVC Drill Adapter
02112	RSPUD	1	Spud Wrench



✓ WHY REED?

CDTM machines provide both the direct tapping and saddle drilling machine in one metal box. Combination units save money versus buying two separate machines.

PVC/PE DRILLING MACHINES

The DMPVC is a drilling machine for PVC pipe.

DMPVCBASE #04401

3/4" - 1" PVC Drilling Machine

Item

Code	Cat. No.	QTY	Description
50415	XTDP65350	1	Heavy Duty Twistube for Storage

DMPVC #04402

3/4" - 1" PVC Drilling Machine

Item

Code	Cat. No.	QTY	Description
04426	DMCA75PVC	1	3/4" Corp Adapter
04427	DMCA100PVC	1	1" Corp Adapter
48484	-	1	Storage Case

DMPVC COMPLETE #04404

3/4" - 1" PVC Drilling Machine

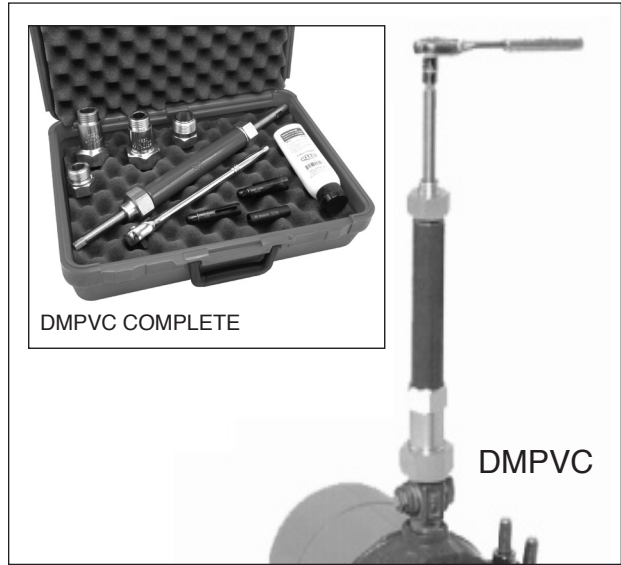
Item

Code	Cat. No.	QTY	Description
04427	DMCA100PVC	1	1" Corp Adapter
04426	DMCA75PVC	1	3/4" Corp Adapter
48484	-	1	Storage Case
98472	DM75CONV	1	NPT-AWWA- 3/4" Adapter
98473	DM100CONV	1	NPT-AWWA 1" Adapter
04385	PL688	1	Shell Drill, 3/4" Corp
04386	PL675	1	Shell Drill, 1" Corp
48208	SCKT1/2	1	7/16" Socket w/ 1/2" Drive



To learn more about adding power to drilling and tapping jobs, visit www.reedmfco.com.

CPDWW on
TM1100



NOTE: When purchasing the #04401 machine, the customer must also order the correct size corporation adapter. With the #04401 or the #04402 DMPVC machines, customers must also purchase the shell cutters needed.

See REED Accessories below.

The following shell cutters and corporation adapters are used with the DMPVC.

DMPVC3/4 #04418

Item

Code	Cat. No.	QTY	Description
04426	DMCA75PVC	1	3/4" Corp Adapter
04385	PL688	1	11/16" PVC Shell Cutter
50415	XTDP65350	1	Heavy Duty Twistube for Storage

DMPVC1 #04420

Item

Code	Cat. No.	QTY	Description
04427	DMCA100PVC	1	1" DMPVC Corp Adapter
04386	PL875	1	7/8" PVC Shell Cutter
50415	XTDP65350	1	Heavy Duty Twistube for Storage

PVC SHELL CUTTERS*

Item

Item	Cat. No.	Description
04385	PL688	11/16" PVC Shell Cutter
04386	PL875	7/8" PVC Shell Cutter

* Recommend use of tapping compound on the O.D. of shell cutter.

REED ACCESSORIES

Item Code	Catalog No.	Size
04426	DMCA75PVC	3/4" PVC Corp Adapter
04427	DMCA100PVC	1" PVC Corp Adapter
98472	DM75CONV	3/4" CONVERTER: NPT TO AWWA
98473	DM100CONV	1" CONVERTER: NPT TO AWWA

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