

## SECTION 3

# ***WATER SERVICES TOOLS***

Feed Tap™ Drilling Machine  
Drilling Machines  
Direct Tapping Machine  
Drill Taps  
PVC/PE Drilling Machines  
Power Units for Tapping/Drilling  
Manhole Hooks  
Fiberglass Probe Rod  
Cordless Power Drive  
Valve Operators  
Utility Clutch  
Valve & Curb Keys  
Meter Box & Curb Box Lid Keys  
Corporation Stop Key Sockets  
Waterworks Level  
Flare Tools for PE Water Service Lines  
Shut-Off Tools  
Hammer Flaring Tools for Copper  
Rerounding Tools  
Round It® Straightener/Rerounder  
Pump Stick®  
Meter Pit Pump





# Feed Tap™ Drilling Machine

## FEATURES

- Match the kit to the application considering size, threads and pipe.
- Preferred tool for PVC taps using independent feed control and shell cutters for PVC and PE.
- Superior performance and life of the heavy-duty Carbide Tipped Shell Cutters.
- Coupon Retaining Pilot Drill Bit with proven technology provides reliable results for holding the coupon.
- All units are shipped in an impact-resistant, compact case.

Catalog No.	Item Code	Description	Gross Weight	
			Lbs	kg
△ FTB	09160	Feed Tap™ Base Machine	27.0	12.3
△ FT2000CC110	09161	AWWA/110 Compression Feed Tap Kit 3/4" - 2"	36.0	16.4
△ FT2000	09162	AWWA Feed Tap Kit 3/4" - 2"	33.0	15.0
△ FT2000UNIV	09165	Complete Feed Tap Kit 3/4" - 2"	39.0	17.7
△ FT2000CCNPT	09166	AWWA/110 Comp 3/4" - 1" and 1 1/2" - 2" NPT Feed Tap Kit	34.0	15.5
△ FT1000CC110	09167	AWWA/110 Comp Feed Tap Kit 3/4" - 1"	29.0	13.2
△ FTP2000UNIV	09168	Feed Tap Kit 3/4" - 2" for Plastic Pipe Only	41.0	18.6
△ FTBB	09169	Feed Tap™ Main Unit, CRPD25 and TMTC6 – no case	9.0	4.1

NOTE: Feed Tap™ is designed to be used with corporation stops and bronze gate valves up to 2". To tap through a 2" iron body gate valve, one 1" NPT female x 2" NPT male bushing is REQUIRED. Feed Tap™ not to be used on gas lines.

Mechanical Hot Tapping Machine on p. 87 is recommended for steel pipe.

## CORPORATION ADAPTERS

Catalog No.	Item Code	Description	Weight	
			Lbs	kg
FT75CC110	09170	3/4" AWWA and 110 Comp	0.60	0.27
FT100CC110	09171	1" AWWA and 110 Comp	0.55	0.25
FT150	09172	1 1/2" AWWA	1.20	0.55
FT150110	09173	1 1/2" 110 Comp	1.35	0.61
FT200	09174	2" AWWA	1.40	0.64
FT200110	09175	2" 110 Comp	1.40	0.64
FT150NPT	99109	1 1/2" NPT	0.80	0.36
FT200NPT	99112	2" NPT	0.80	0.36
FT75NPT	99117	3/4" NPT	0.45	0.20
FT100NPT	99118	1" NPT	0.45	0.20

## HEAVY-DUTY SHELL CUTTERS FOR CAST/DUCTILE IRON

Catalog No.	Item Code	Shell Size	Corp. Stop Size	Cutting Depth	Weight	
					Lbs	kg
△ FTSC688	99132	1 1/16"	3/4"	1.875"	0.09	0.04
△ FTSC875	99134	7/8"	1"	1.875"	0.15	0.07
△ FTSC1438	99137	1 7/16"	1 1/2"	2"	0.41	0.19
△ FTSC1750	99138	1 3/4"	2"	2"	0.57	0.26

## PVC/PE SHELL CUTTERS, PL SERIES

Catalog No.	Item Code	Shell Size	Corp. Stop Size	Cut Max. Wall Thickness	Weight	
					Lbs	kg
PL688	04385	1 1/16"	3/4" NPT & AWWA	1 1/8"	0.2	0.1
PL875	04386	7/8"	1" NPT & AWWA	1 1/8"	0.2	0.1
PL1438	04387	1 7/16"	1 1/2" NPT & AWWA	1 1/8"	0.5	0.2
PL1750	04392	1 3/4"	2" NPT & AWWA	1 1/8"	0.7	0.3

## ACCESSORIES

Catalog No.	Item Code	Description
FTPLAA	04423	Arbor Assembly (adapter) used with 1 1/2" & 2" PVC/PE Shell Cutters, PL1438 & PL1750
FTPLSAA	94198	Coupling Nut (adapter) used with 3/4" and 1" PVC/PE Shell Cutters
CRPD25	99129	1/4" diameter Carbide Tipped Coupon Retaining Drill Bit



FT2000UNIV



Manual Feed Control



FTSC875



CRPD25



FTP2000UNIV on C900 PVC



FTPLSAA & PL688 attaching to coupling nut

FTPLSAA

PL688





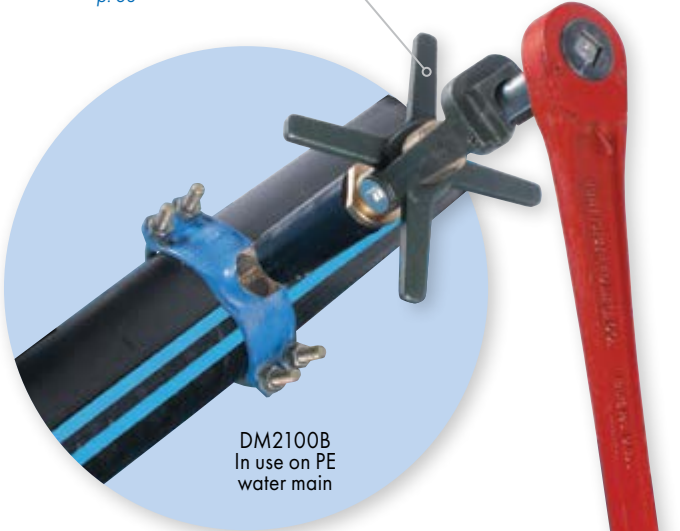
PIPE TOOLS & VISES  
SINCE 1896



DM2100B

Smooth Jaw  
Wrenches  
p. 83

Star Feed Handle



DM2100B  
In use on PE  
water main



D688

PL1438

Note: For shell cutters  
and hole cutters,  
attachment thread is  
5/8 to 18.

Slot for Easy  
Coupon Removal



HDHS1438

## Drilling Machines

### FEATURES

- Drilling Machines have a quick clamp feed mechanism requiring little adjustment.
- These machines are more compact, thus requiring less clearance than other models.

Catalog No.	Item Code	Size	Gross Weight	
			lbs	kg
△ DM2100B	09301	Base Only	49.5	22.5
△ DM1100	09302	3/4" - 1" AWWA	53.0	24.1
△ DM2100BSPT	09308	3/4" - 2" BSPT	55.5	25.2
△ DM2100	09312	3/4" - 2" AWWA	55.5	25.2
△ DM2100NPT*	09315	3/4" - 2" NPT Corp Stops	55.5	25.2
△ DM2100110*	09317	3/4" - 2" 110 Compression	55.5	25.2
△ DM2100CCNPT	09318	3/4" - 1" AWWA, 1 1/2" - 2" NPT	55.5	25.2
△ DM2100UNIVERSAL	09321	3/4" - 2" AWWA & NPT	60.0	27.3

\*Extended boring bar (#99390) needed for 2" iron body gate valves.

### D SERIES DRILL BITS FOR CAST/DUCTILE IRON

Catalog No.	Item Code	Drill Size	Corp. Stop Size	Weight	
				lbs	kg
D688	04380	1 1/16"	3/4" NPT & AWWA	0.3	0.1
D875	04381	7/8"	1" NPT	0.5	0.2
D938	04382	1 5/16"	1" AWWA	0.6	0.3

### PVC/PE SHELL CUTTERS, PL SERIES

Catalog No.	Item Code	Shell Size	Corp. Stop Size	Cut Max. Wall Thickness	Weight	
					lbs	kg
△ PL688	04385	1 1/16"	3/4" NPT & AWWA	1 1/8"	0.2	0.1
△ PL875	04386	7/8"	1" NPT & AWWA	1 1/8"	0.2	0.1
PL1438	04387	1 7/16"	1 1/2" NPT & AWWA	1 1/8"	0.5	0.2
PL1750	04392	1 3/4"	2" NPT & AWWA	1 1/8"	0.7	0.3

### HEAVY-DUTY CARBIDE-TIPPED HOLE CUTTERS FOR CAST/DUCTILE IRON

Catalog No.	Item Code	Hole Saw Size	Corp. Stop Size	Weight	
				lbs	kg
△ HDHS1438	04354	1 7/16"	1 1/2" NPT & AWWA	0.4	0.2
△ HDHS1750	04355	1 3/4"	2" NPT	0.5	0.2
△ HDHS1875	04356	1 7/8"	2" AWWA	0.6	0.3

### WHY REED?

PL Series shell cutters easily bore through even the heaviest wall PVC/PE pipe as they cut through service saddles. They retain the coupon on most cuttings.

### WHY REED?

Heavy-duty Drilling Machine is compact and lightweight to make up to 2" saddle taps. REED offers many different options to meet individual customer needs.



# More Drills, Adapters & Cutters

## PILOT DRILL

Catalog No.	Item Code	Description	Weight	
			lbs	kg
<sup>Δ</sup> HSPD	04561	1/4" Pilot Drill Bit	0.5	0.2
CRPD25	99129	1/4" Carbide-tipped Coupon Retaining Pilot Drill Bit	0.05	0.02

## ADAPTERS FOR DRILLS, HOLE CUTTERS & SHELL CUTTERS

Catalog No.	Item Code	Fits	Weight	
			lbs	kg
<sup>Δ</sup> DMHSA	08413	1 1/2" & 2" Shell & Hole Cutters	0.4	0.2
DMAPVC	94150	3/4" & 1" PVC Shell	0.5	0.2
HSAS	98457	3/4" and 1" Hole Cutter Adapter	0.45	0.2
DMDA75	98461	3/4" for D688	0.4	0.2
DMDA100	98462	1" for D875 & D938	0.5	0.2
DMCA75EXT	98481	3/4" Extended	0.4	0.2
DMCA100EXT	98482	1" Extended	0.7	0.3
DMAPVCEXT	98489	3/4" & 1" PVC Extended	0.6	0.27

## DRILLING MACHINES - CORPORATION ADAPTERS

Catalog No.	Item Code	Fits	Weight	
			lbs	kg
DMCA75	08423	3/4" AWWA	2.2	0.1
DMCA100	08424	1" AWWA	2.2	0.1
DMCA150	08425	1 1/2" AWWA	1.0	0.5
DMCA200	08426	2" AWWA	1.1	0.5
DMCA150NPT	08428	1 1/2" NPT	0.8	0.4
DMCA200NPT	08429	2" NPT	0.8	0.4
DMCA110150	08431	1 1/2" Mueller® 110 Comp	1.3	0.6
DMCA110200	08432	2" Mueller® 110 Comp	1.3	0.6
DMCA125BSPT	08434	1 1/4" BSPT Corp Adapter	2.2	1.0
DMCA150BSPT	08435	1 1/2" BSPT Corp Adapter	0.8	0.4
DMCA200BSPT	08436	2" BSPT Corp Adapter	0.8	0.4
DMCA100IPS	98499	1" IPS	0.8	0.4

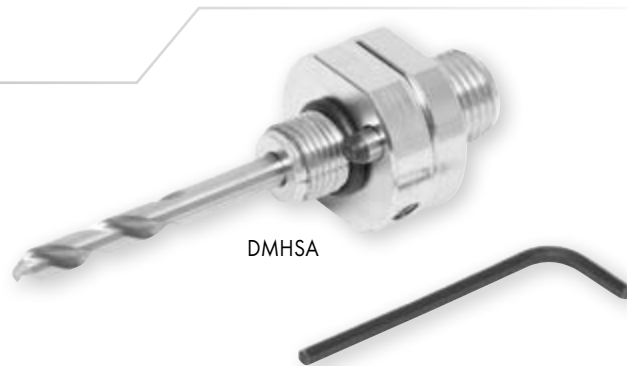
## BORING BARS

Catalog No.	Item Code	Fits
DM1100BB	99304	Boring Bar
DM11BBEXT	99390	Boring Bar, Extended for 2" Iron Body Gate Valves

## CUTTER/BIT SELECTION CHART

Select the proper cutter for the proper type of pipe.

Catalog No.	Item Code	Size	Water Main Type		
			PE/PVC	Cast Iron	Cement-Lined Ductile
D688	04380	1 1/16"		X	X
D875	04381	7/8"		X	X
D938	04382	15/16"		X	X
PL688	04385	1 1/16"	X		
PL875	04386	7/8"	X		
PL1438	04387	1 7/16"	X		
PL1750	04392	1 3/4"	X		
HDHS1438	04354	1 7/16"		X	X
HDHS1750	04355	1 3/4"		X	X
HDHS1875	04356	1 7/8"		X	X



DMHSA



DMCA75

DMCA200

DMCA110200

DMCA200NPT



DM1100BB



DM2100 in use





PIPE TOOLS & VISES  
SINCE 1896

# Direct Tapping Machine

## FEATURES

- Drill and tap water mains while they remain under pressure.
- Lightweight yet strong, corrosion-resistant aluminum frames are easy to carry and set-up.
- Pressure relieving valve allows for a one-step operation making it simple to use.
- Modular design allows fast and simple conversion to drilling machine.



TM1100

Smooth Jaw  
Wrenches  
pg. 83

Catalog No.	Item Code	Size	Pipe Diameter		Gross Weight	
			in-nom.	actual O.D. mm	lbs	kg
△ TM1100 *	09300	3/4" - 1"	4 - 48	100 - 1300	101.8	46

\*Model ships freight.

## DRILL TAPS

Catalog No.	Item Code	Drill Size	Thread	Pipe Material	Weight	
					lbs	kg
DT75	04390	3/4"	CC	Cast/Ductile	1.1	0.5
DT100	04391	1"	CC	Cast/Ductile	1.3	0.6
DT75P	04396	3/4"	CC	C900 PVC	1.0	0.5
DT100P	04397	1"	CC	C900 PVC	1.4	0.6



TM1100  
in use



DT75

### ✓ WHY REED?

DT75 has been used by the AWWA Tapping Competition winning teams for over 25 years!

### ✓ WHY REED?

The unique three-flute design of DT75P/DT100P bores into the pipe with less effort than other drill tap designs and ensures that the coupon and cuttings are retained.



DT75P

### ✓ WHY REED?

Food-grade compound that does not contaminate water, making this compound environmentally friendly.



TS6



Flip  
Clamp

TMTC6



## TAPPING SADDLES

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

## TAPPING COMPOUND

Catalog No.	Item Code	Description
TMTC	98425	16 oz. (.45 kg) resealable can
TMTC6	99140	6 oz. (170 g) squeezable bottle

### ✓ WHY REED?

REED's Tapping Machine is a better value than the competition and is made in the USA. TM1100 ships with all necessary parts, including the corp insertion tools. Plus, by ordering the saddles and drill taps separately, one only needs to purchase the right sizes for the job. Additionally, the Direct Tapping Machine can be converted to a drilling machine for up to 2" saddle taps, thus saving money over the purchase of an additional machine.



# Combination Drilling/Tapping Machines

## FEATURES

- Modular design allows fast and simple conversion back and forth from tapping to drilling machine.
- Quick clamp feed mechanism requires little adjustment, saving time for the operator.
- Compact design requires less digging as radius = 32" which is less than competitor models.

Catalog No.	Item Code	Description	Pipe Diameter		Gross Weight	
			in-nom.	actual O.D. mm	lbs	kg
Δ CDTM1100 *	09304	3/4" - 1" Tap & Drill	4 - 48	100 - 1200	114.4	52.0
Δ CDTM2100 *	09314	3/4" - 1" Tap, 3/4" - 2" Drill	4 - 48	100 - 1200	116.5	53.0
Δ CDTM2100110 *	09323	CDTM2100 with 110 Adapters 3/4" - 1" Tap 3/4" - 2" Drill	4 - 48	100 - 1200	116.5	53.0

 \*Model ships freight.

Taps, Bits and Cutters - p. 44 - 46

## CONVERSION KITS

Catalog No.	Item Code	Description
CDTM1CONVN	09306	TM1100 to CDTM1100
Δ CDTM2CONVN	09316	TM1100 to CDTM2100

## WHY REED?

Why REED? One combination machine assembles as a drilling machine or a direct tapping machine. Offers a cost savings versus the purchase of separate machines.



# PVC/PE Drilling Machines

## FEATURES

- Drill through the pipe wall while the system is under pressure by manual power only.
- Drill travel can handle PVC, C900 and PE wall thicknesses up to 1 1/8".
- Steel parts are plated or powder epoxy coated for corrosion resistance.

Catalog No.	Item Code	Size	Weight	
			lbs	kg
Δ DMPVCBASE	04401	3/4" - 1"	3.7	1.7
Δ DMPVC	04402	3/4" - 1"	8.4	3.8
Δ DMPVC COMPLETE	04404	3/4" - 1"	11.0	5.0
Δ DMPVC3/4	04418	3/4" Drilling Only	4.0	1.8
Δ DMPVC1	04420	1" Drilling only	4.0	1.8

## PVC/PE SHELL CUTTERS, PL SERIES

Catalog No.	Item Code	Shell Size	Corp. Stop Size	Cuts Max Wall Thickness	Weight	
					lbs	kg
Δ PL688	04385	1 1/16"	3/4" NPT & AWWA	1 1/8"	0.2	0.1
Δ PL875	04386	7/8"	1" NPT & AWWA	1 1/8"	0.2	0.1

Larger PL1438 and PL1750 do not fit the DMPVC models.

## CORPORATION ADAPTERS

Catalog No.	Item Code	Fits	Weight	
			lbs	kg
DMCA75PVC	04426	3/4" AWWA	1.5	0.7
DMCA100PVC	04427	1" AWWA	1.1	0.5
DM75CONV	98472	3/4" NPT - AWWA Converter	0.4	0.2
DMI00CONV	98473	1" NPT - AWWA Converter	0.6	0.3



DMPVC

PL688

DMPVC assembled

## WHY REED?

These shell cutters easily bore through even the heaviest wall PVC/PE pipe and retain the coupon and most cuttings.



PIPE TOOLS & VISES  
SINCE 1896

## Power Units for Tapping/Drilling

### FEATURES

- Add power to your drilling and tapping, and save hours of hand-cranking.
- Electric models use standard 110V source.

Catalog No.	Item Code	Description	Weight	
			lbs	kg
601PDTAP	05246	601PD Tapper with 1 <sup>3</sup> / <sub>16</sub> " Adapter	17.0	7.7
△ 700PDTMPDA	05276	700PD and TMPDA Adapter	34.0	15.5

Power Drives - p. 62 - 63

### ACCESSORIES

Catalog No.	Item Code	Description	Weight	
			lbs	kg
PDGFI	05277	Ground Fault Interrupter	0.8	0.4
TMPDA	08430	1 <sup>3</sup> / <sub>16</sub> " Adapter Only	4.0	1.8

Power Drive GFI - p. 63



## Manhole Hooks

### FEATURES

- Open drain covers and manhole covers with ease; choose from three different manhole hook lengths.
- Handle to head hooks offered in same plane or 90-degree rotation, depending on operator preference.
- Heavy-duty, made in USA manhole cover tool designed to handle stubborn loads.

Catalog No.	Item Code	Hook to Handle Relationship	Length		Weight	
			in	mm	lbs	kg
MH26*	02301	Same plane	26	650	3.3	1.5
MH30*	02302	Hook 90° to handle	30	760	4.0	1.8
MH36*	02303	Same plane	36	900	4.3	2.0

EXCLUSIVE FEATURE: Powder-coated surface

## Fiberglass Probe Rod

### FEATURES

- Safely locate pipe or utility lines with non-conductive rod.
- Zinc-plated, steel tip for durability.

Catalog No.	Item Code	Description	Weight	
			lbs	kg
△ FSPR4	02960	Fiberglass Soil Probe Rod 4 ft.	0.7	0.3



Heavy-duty construction and made in USA quality result in durable tools.



FSPR4





# Cordless Power Drive for Tapping & Valve Exercising

## FEATURES

- Adapts for tapping/drilling or valve exercising, with a quick drophead change.
- Provides plentiful torque without all the weight – just 15 lbs (6.8 kg).
- Safety first! Motor kick-off feature if unit experiences sudden jolt or torque burst.
- Power paddle switch stops almost immediately when released.
- Convenient carrying handle offers support for valve turning.
- Power source is Bosch® angle grinder. User to provide 18V Bosch® battery, sold separately.

Catalog No.	Item Code	Description	Weight	
			lbs	kg
CPDWW	05258	Cordless Power Drive for Waterworks Use - bare tool only, no battery	15	6.8

## ACCESSORIES

Catalog No.	Item Code	Description	Weight	
			lbs	kg
CPDWWCNT	05295	Digital Counter Assembly for CPDWW	2	0.9
TMPDA	08430	<sup>13</sup> / <sub>16</sub> " Adapter only	4	1.8
VOKUCLUTCH*	05287	Utility Clutch with Over Torque Protection	7.5	3.4
CPDWWLVHN	05296	Leverage Handle for CPDWW	3.7	1.7

\*See valve key options online

### WHY REED?

Lightweight unit with a compact shape offers cordless power for tapping and drilling or for valve exercising.

### ADD A BATTERY & CHARGER



CPDWWCNT

**NEW**

CPDWWLVHN stored on CPDWW

### CHOOSE AN ADAPTER



TMPDA

### CHOOSE A JOB



VOKUCLUTCH



VALVE EXERCISING



TAPPING







PIPE TOOLS & VISES  
SINCE 1896

## Valve Operator

### FEATURES

- Add power to valve exercising and maintenance work with this compact, easy-to-transport system.
- Utility Clutch offers over torque protection and adjustable torque setting feature.
- Individuals working alone can isolate a leak by shutting multiple valves easily with this time-saving tool.
- Accepts Valve Keys with 1" square shafts.

Catalog No.	Item Code	Description	Gross Weight	
			lbs	kg
<sup>^</sup> VOKU700PD	05290	Kit includes 700PD Electric Power Drive, VOKUCLUTCH Utility Clutch, 2" Valve Key and Extension	63.8	29

### ACCESSORIES

Catalog No.	Item Code	Description	Weight	
			lbs	kg
<sup>^</sup> VOKCNT	05291	Digital Counter	1.6	0.7
VOKCASE	05294	Case for Digital Counter	1.1	0.5



VOKU700PD

VOKCNT

VOKUCLUTCH



**VIDEO  
TRAINING**



## Utility Clutch

### FEATURES

- Used for valve exercising with portable power drive.
- Drive socket accepts 1" square shafts, including REED Valve Keys.
- Safety first as utility clutch has over torque protection.
- Factory set torque of 150 lb-ft (203 Nm) with adjustable torque limits of 7 to 204 lb-ft (10-277 Nm).
- Mechanism is permanently lubricated and sealed for continued clutch performance.

Catalog No.	Item Code	Description	Weight	
			lbs	kg
VOKUCLUTCH	05287	Utility Clutch with Over Torque Protection	7.5	3.4



VOKU700PD  
with  
VOKUCLUTCH  
in use



VOKUCLUTCH



# Valve & Curb Keys

## FEATURES

- Compact size fits in crowded utility trucks, behind pickup seats, or in car trunks.
- Heavy gauge, mechanical steel tubing shafts support a maximum torque of 200 lb-ft.
- Wide choice of attachable tools allows users to customize to their systems.
- Made in USA, REED valve keys feature strong welds at critical points.
- As a safety feature, REED valve keys bend before they break.
- Use manually with included handle or add REED CPDWW or VOKU700PD with utility clutch for power option.



For turning gate valves in the street and curb stop valves to buildings, REED offers the most complete, rugged and compact selection.



**VALVE KEY MATRIX CHART**

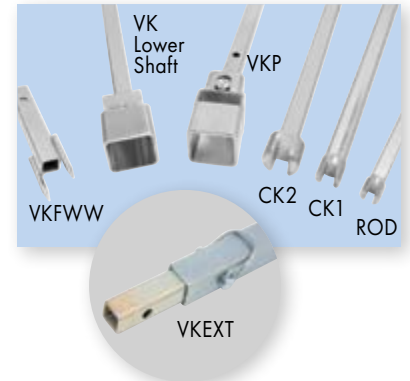


Catalog No.	Item Code	Description	Closed Length		Open Length		Weight	
			in	mm	in	mm	lbs	kg
VKA	02340	Valve Key for 2" Operating Nut, Adjustable Length	45	1143	81	2057	14.4	6.5
VKP	02341	Pivoting Valve Key for 2" Operating Nut, Adjustable Length	46.5	1181	82	2083	16	7.3
VKP10	02345	Pivoting Valve Key with 3 ft. Extension for 2" Operating Nut, Adjustable Length	46.5	1181	118	2997	21	9.5
VK2CK1	02346	Main Valve Key + 1" Curb Key	45	1143	81	2057	14.4	6.5
VK2CK2	02347	Main Valve Key + 2" Curb Key	45	1143	81	2057	14.5	6.6
VK3CK1WHL	02353	Main Valve Key + 1" Curb Key + valve wheel 2 prong tool	45	1143	81	2057	15.3	7.0
VK3CK1ROD	02356	Main Valve Key + 1" Curb Key + 3/8" slotted tool for curb box rods	45	1143	81	2057	18.7	8.5
VK3CK1CK2	02357	Main Valve Key + 1" Curb Key + 2" Curb Key	45	1143	81	2057	18.4	8.4
VK3CK1EXT	02358	Main Valve Key + 1" Curb Key + Extension shafts for additional 6' reach	45	1143	151.6	3850	25.7	11.7
VK3CK1EXT3	02366	Main Valve Key + 1" Curb Key + 3' Extension Shaft	45	1143	117.8	2991	19.4	8.8
VK6KIT	02368	Kit contains parts to make all VK2 and VK3 variations, using the VK3 upper shaft. VK6KIT contains 32340 (8) and (1) each 92339, 92347, 92342, 92346, 92345, 92349, 92358, 92360	45	1143	151.6	3850	42.5	19.3
VKP3CK1CK2	02369	Pivoting Valve Key + 1" Curb Key + 2" Curb Key	46.5	1181	82	2083	20.1	9.1

## ACCESSORIES

Catalog No.	Item Code	Description	Closed Length		Open Length		Weight	
			in	mm	in	mm	lbs	kg
VKPLS	92344	Lower Shaft with Pivot Key Head	43.5	1105	-	-	5.8	2.6
VKFHC	92348	Handle with Pentagon Key	26	660	-	-	3.3	1.5
VKEXT3	92351	Valve Key Extension, 3'	39.75	1010	-	-	5.0	2.3
VKEXT	92358	Valve Key Extension, 6'	39.75	1010	73.6	1869	11.3	5.1
VK2LS	92339	Lower Shaft with 2" Valve Key	43.25	1099	-	-	6.0	2.7
VKFHRK	92345	Handle plus Rod Key	40	1016	-	-	3.5	1.6
VKFWW	92349	Wheel Wrench	7.75	197	-	-	0.8	0.4

## VALVE KEY HEADS



# Ratcheting Valve Keys

## FEATURES

- Ratchet handle operation reduces back strain and operator fatigue compared with using traditional valve keys.
- Closed size of under 4 foot long means they fit in crowded utility trucks, behind pickup seats, or in car trunks



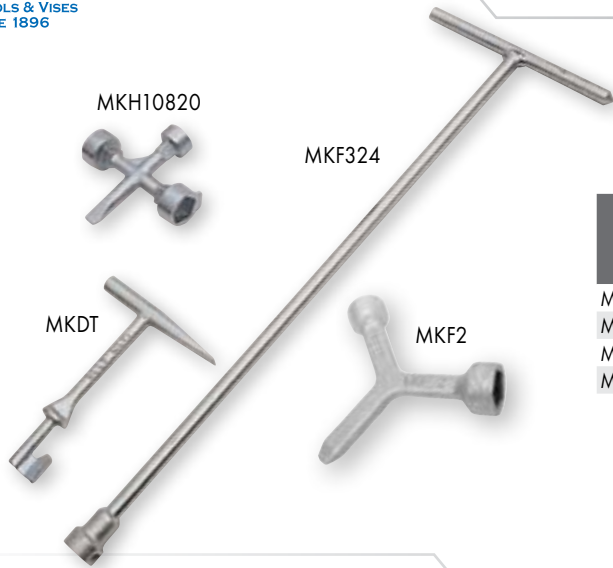
Catalog No.	Item Code	Description	Closed Length		Open Length		Weight	
			in	mm	ft/in	mm	lbs	kg
VKRCK1	02349	2" Main Valve Key + 1" Curb Key & Ratchet Handle	45.5	1156	6' 7"	2.01	20.1	9.1
VKREXT	02350	2" Main Valve Key + Extension & Ratchet Handle	45.5	1156	12' 6"	3.81	26.2	11.9
VKRIEXT	02351	1" Square Key + Extension & Ratchet Handle	45.5	1156	12' 6"	3.81	26.8	12.2







PIPE TOOLS & VISES  
SINCE 1896



## Meter Box & Curb Box Lid Keys

### FEATURES

- Keys are plated to resist rust.
- Tough, rust-resistant materials give long life.
- Waterworks lid keys open, lock and lift lids in one single motion.

Catalog No.	Item Code	Description	Length		Weight	
			in	mm	lbs	kg
MKF2	02364	Ford® Lg. & Std. Pentagons	5.5	140	0.9	0.4
MKF324	02367	24" T w/ Std., Slotted Pentagons	24.5	622	2.4	1.1
MKDT	02375	Ductile T Skeleton	7.0	178	0.8	0.4
MKH10820	02380	Mueller® 2 Lg. & 1 Std. Pentagon	5.0	127	1.2	0.5



## Corporation Stop Key Sockets

### FEATURES

- Universal slot fits most standard corp stops and meter keys in the field.
- Corporation sockets for 3/4" - 2" corp stops.
- Handy sockets attach to 1/2" drive wrench for quick turns.

Catalog No.	Item Code	Description	Weight	
			lbs	kg
CSK	02237	Corp Stop Key Socket with Slot Width 0.54"	0.15	0.07
L25	02272	Corp Stop Key Socket with Slot Width 0.48"	0.45	0.20

# JOBSITES AROUND THE WORLD

Serving the world of hard-working tradesmen and women from our Erie, Pennsylvania location since 1896, Reed Manufacturing is still family-owned and operated, producing quality pipe tools and vises. Sold worldwide exclusively through local distributors, REED tools are the first choice of professionals everywhere.



## Torpedo Level for Waterworks

### FEATURES

- Pitch vial for easy and accurate slope measurements.
- V-groove feature for pipes.
- Three, extra strong, rare earth magnets to grab metal surfaces.
- 30° and 45° flat edge tips to measure and transfer angles.
- Thumb screw to lock on conduit and eliminate dog legs.

Catalog No.	Item Code	Material	Size	Description	Weight	
					lbs	kg
^ LV6WW	06214	Aluminum	0.7" x 1.25" x 6.5"	Waterworks Use	0.3	0.1



LV6WW

## Flare Tools for PE Water Service Lines

### FEATURES

- Flaring tool for medium and high density PE.
- Forms a permanent cold flare on polyethylene tubing.
- Allows use of standard AWWA flare fittings on CTS PE tubing.
- Hand-operated tool with vise-grip pliers.

Catalog No.	Item Code	CTS Tubing in-nom.	Weight	
			lbs	kg
SFPE3/4*	04200	3/4	1.9	0.9
SFPE1*	04202	1	2.2	1.0

\*EXCLUSIVE TOOL



SFPE3/4

EXCLUSIVE TOOL

SFPE3/4 IN USE

## PE Water Service Shut-off Tool

### FEATURES

- "One size fits all" emergency shut-off tool squeezes shut PE water lines.
- Shut-off tool is zinc plated for corrosion resistance.
- Knurled grip catches and holds the pipe.
- Latch at far end holds tool closed until repair is made.

Catalog No.	Item Code	Pipe Capacity		Length		Weight	
		in-nom.	actual O.D. mm	in	mm	lbs	kg
PES01	04300	3/4 - 1	19 - 25	18	457	2.7	1.2



PES01

Latch

Knurled Grip

## Standing Shut-off Tool

### FEATURES

- Stop the flow of water in 3/4" to 1" PE plastic tubes.
- Long, 30 inch handles allow both clamping leverage and reach into pits.
- Perform shut-off from above the ditch.

Catalog No.	Item Code	Pipe Capacity		Length		Weight	
		in-nom.	actual O.D. mm	in	mm	lbs	kg
^ SSO1C	04281	3/4 - 1	19 - 25	43.5	1105	17.7	8.0

PE Squeeze Tools - p. 36 - 38



SSO1C

SSO1C in use





PIPE TOOLS & VISES  
SINCE 1896



## Hammer Flaring Tools for Copper Tubing

### FEATURES

- Make 45-degree flares with these high-quality hammer flaring tools for copper tubing.
- Ideal for use with Type K soft copper tube.
- Hardened and tempered to resist wear.

Catalog No.	Item Code	Copper Tube Size	Weight	
			lbs	kg
HF3/4	06071	3/4"	1.0	0.5
HF1	06072	1"	1.5	0.7
HF1 1/2	06077	1 1/2"	3.2	1.5
HF2	06078	2"	4.9	2.2

### PRESSURE-RELIEVING HAMMER FLARES

Catalog No.	Item Code	Copper Tube Size	Length		Weight	
			in	mm	lbs	kg
PRHF3/4	06073	3/4"	7.5	191	2.0	0.9
PRHF1	06074	1"	7.5	191	2.3	1.0

## Rerounding Tools

### FEATURES

- Compression fittings rely on round copper tubing and these tools help restore a round shape to the tubing.
- Steel construction for endurance.
- Rerounds CTS copper tube size.
- For safety, use with a soft-faced, brass hammer.

Catalog No.	Item Code	Copper Tube Size	Length		Weight	
			in	mm	lbs	kg
RR3/4	06081	3/4"	6	152	0.7	0.3
RR1	06082	1"	6.5	165	1.3	0.6
RR1 1/2	06084	1 1/2"	8	203	2.8	1.3
RR2	06085	2"	9	229	5.4	2.5



### WHY REED?

Safety first! REED always recommends brass hammers with Flare Tools, Pressure Relieving Hammer Flares and Rerounding Tools.

## Brass Hammer

### FEATURES

- Shock-absorbing brass hammer.

Catalog No.	Item Code	Weight	
		lbs	kg
HAM3	06088	2.8	1.3



# Copper Shut-off Tools

## FEATURES

- Tools shut-off and reshape soft copper tube service lines.
- Redesigned with detachable, ratchet drive handle, shut-off tools store compactly in a heavy-duty case.
- Support handle can be positioned in two different, perpendicular angles for job demands.
- CSO1R features steel castings to provide superior tool strength.
- Hard anodized, aluminum castings of CSO2R reduce tool weight and give long service life.



Catalog No.	Item Code	Tube Capacity		Weight	
		in-nom.	actual O.D. mm	lbs	kg
Δ CSO1R	08201	3/4 - 1	19 - 25	10.5	4.8
Δ CSO2R	08203	1 1/4 - 2	32 - 51	15.6	7.1



CSO1R in case

Compact Units with Durable Case!

# Round It® Straightener/Rerounder

## FEATURES

- Take the trouble out of handling copper rolls by using REED Round It® tools for straightening and rerounding.
- Provides the needed leverage to guide tube into position for fit-ups.
- Removes mild kinks, frequently preventing the need to cut out a section and to splice-in a short piece.
- Tools will quickly pay for themselves in material, labor and time savings.



Catalog No.	Item Code	Capacity nom.	Length		Weight	
			in	mm	lbs	kg
Δ CSR2	08220	1 1/2" & 2"	38	965	22.0	10.0
Δ RCR3/4	08226	3/4"	18	457	4.5	2.0
Δ RCR1	08227	1"	18	457	4.5	2.0
Δ RCR341	08228	3/4" & 1"	18	457	5.5	2.5







PIPE TOOLS & VISES  
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### WHY REED?

Rugged construction of pump, along with screen/filter system and battery adapter plates set this pump apart from any competitive methods.



CP15-38B  
in use



CP15-38B  
in use

## Pump Stick® Cordless Water Transfer Pump

### FEATURES

- Battery operated pump transfers water at 15 gallons (57 liter) per minute.
- Compatible with different battery brands by changing the battery adapter plate.
- Rugged, contractor grade, impact-resistant glass filled polycarbonate parts and aluminum body for durability and strength.
- Secure, magnetic hose connection provides fast, reliable link.
- Quick change motor to lessen downtime.
- Multiple screen/filter options to suit the job.



Catalog No.	Item Code	Description	Weight	
			lbs	kg
△ CP15-38B	08140	CP15 Pump with 2 ft. Hose and CP15CRSCRN Coarse Screen, Base Model – add a Battery Adapter Plate to fit Operator's Battery	4.5	2.0
△ CP15-38	08141	CP15 Pump Complete with 2 ft. Hose, 18V 4Ah Bosch® Battery & Charger in Case	12.0	5.5
△ CP15-38E	08144	CP15 Pump - Export Only	6.3	2.9
★ △ CP15-38DB2	08146	CP15 Pump with 2ft Hose, Coarse Screen, Dewalt® Adapter Plate & (2) 20V 4Ah Dewalt® Batteries	10.0	4.5

\*Sold only in US and Canada, due to battery and charger.

### BATTERY ADAPTER PLATES

Catalog No.	Item Code	Description
△ CPAPDEW	98140	Fits most DeWalt® 18V - 20V slide style batteries
△ CPAPMIL	98141	Fits most Milwaukee® 18V slide style batteries
△ CPAPMAK	98149	Fits most Makita® 18V slide style batteries
△ CPAPBOSCH	98139	Fits most Bosch® 18V slide style batteries

**ADD A BATTERY ADAPTER PLATE**  
Allows for battery choice



CPAPMIL



CPAPDEW



**FULL ACCESSORIES CHART ON P. 86**

## Meter Pit Pump

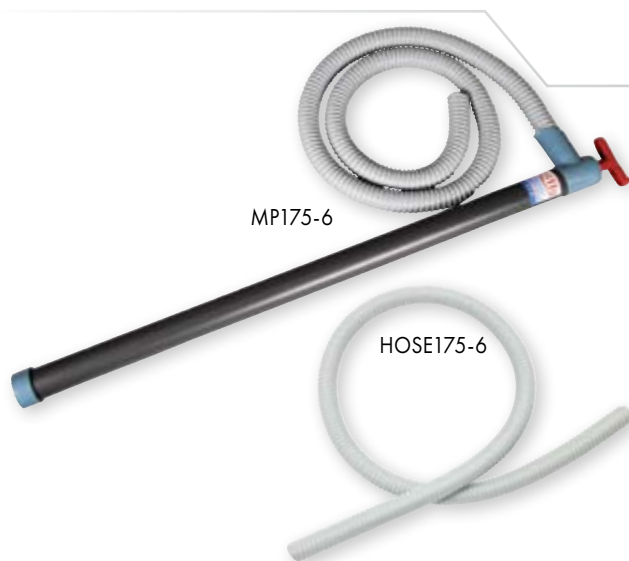
### FEATURES

- Lightweight PVC construction.
- Rugged construction is ideal for any standing water.

Catalog No.	Item Code	Description	Capacity: Ounces per Stroke	Weight	
				lbs	kg
MP175-6	02327	1 3/4" x 36" Manual Pump with 72" Hose	35	2.0	0.9

### REPLACEMENT HOSE

Catalog No.	Item Code	Description	Weight	
			lbs	kg
HOSE175-6	42326	1 3/4" X 6' (1829 mm) Replacement Hose for MP175-6	0.8	0.4



MP175-6

HOSE175-6