

Tapping Tools



Model RT3422

Accessories

Catalog No.	Description
76017	RT 3422 Tool Box
76022	1 ¹ / ₁₆ " Ratchet Wrench
Pilots	
76027	Coupon Retaining 1/4" Pilot
76032	Coupon Retaining 3/8" Pilot
Hole Saw Arbors	
76037	Small Hole Saw Arbor 5/8"-1 1/16"
76042	Large Hole Saw Arbor Asm. 1 5/16"-1 3/4"
Shaft Extensions	
76047	Small Shaft Extension 5/8"-1 1/16"
76052	Large Shaft Extension 1 5/16"-1 3/4"
Valve Adapters	
76057	CTS 3/4" Female
76067	CTS 1" Female
76072	CTS 1 1/4" Female
76077	CTS 1 1/2" Female
76082	CTS 2" Female
83997	3/4" Mueller 110
84002	1" Mueller 110
84007	1 1/2" Mueller 110
84012	2" Mueller 110
76132	NPT 3/4" Male
76137	NPT 1" Male
76142	NPT 1 1/4" Male
76147	NPT 1 1/2" Male
76152	NPT 2" Male

NPT Sets available only with steel, male valve adapters.

Model RT3422

The Model RT3422 is designed for branching pressurized water, steam and natural gas mains. With up to 2" capacity, corrosion-proof design, ability to handle most types of material and lightweight, the Model RT3422 is the tool to meet your tapping needs.

Features

- Easy to use. At only 21", this lightweight and compact tool is great for tight quarters and awkward locations.
- Heavy-Duty Design. Sturdy machined, corrosion-resistant materials for dependable lifelong benefits.
- Built-in bleed valve. Allows for easy purge of chips.
- Independent cutter feed gives the operator total independent control of the cutter feed rotation for optimal saw life.
- Taps a variety of materials. The RT3422 is capable of tapping into steel, cast iron, ductile iron and plastic pipe.
- Versatility. The RT3422 is capable of tapping mains of:
 - Water up to 500 psig.
 - Steam, air and natural gas up to 150 psig.
- Coupon retaining bits. Exclusive pilot bits give you the confidence that the coupon will not be dropped in the pipe, preventing medium contamination or possible damage of downstream equipment.

Specifications

- Tapping Capacity: 3/4" - 2"
- Mounting: Saddle, Welded Nipple, Weld-o-let, Thread-o-let.
- Cutter Travel: 14"
- Activation: Hand Ratchet, Air Ratchet, Right angle Drill.
- Cutter Feed: Rotation of sleeve around an Acme threaded barrel.
- Pressure: Water, 500 psig @ 100°F, Steam, Air and Natural Gas, 150 psig @ 370°F.

Ordering Information

Catalog No.	Model No.	Description	Weight	
			lb.	kg
75982	RT3422	Tapping Machine Only	16	7.3
75992	RT3422	3/4" - 2" NPT Set (Male)	6	2.9
91192	RT3422	3/4" - 2" CTS Set (Flared)	7	3.0

Each RT3422 complete set comes with:

The RT3422 sets include RT3422 tapping tool with bleed valve, shaft extensions, heavy-duty hole saw arbors, 1/4" and 3/8" coupon retaining pilot bits, ratchet wrench, (2) spud wrenches, and 5 valve adapters in a steel tool box. Cutters are available separately.

Cutters

Hole Saw	Model No.	Diameter/Type
52760	M16	5/8" Bi-Metal
52780	M24	7/8" Bi-Metal
52800	M29	1 1/8" Bi-Metal
52820	M35	1 3/8" Bi-Metal
52850	M44	1 3/4" Bi-Metal
76267	–	5/8" Steel Shell
76272	–	7/8" Steel Shell
76277	–	1 1/8" Steel Shell
76282	–	1 3/8" Steel Shell
76287	–	1 3/4" Steel Shell

Note: Cutter diameter is 1/8"-1/4" smaller than the diameter of the hole being cut.

Hole Saw	Model No.	Diameter/Type
76292	M16	5/8" CI/DI Bit
76297	M24	7/8" CI/DI Bit
76302	M29	1 1/8" CI/DI Shell
76307	M35	1 3/8" CI/DI Shell
76312	M44	1 3/4" CI/DI Shell
76317	–	5/8" Plastic Shell
76322	–	7/8" Plastic Shell
76327	–	1 1/8" Plastic Shell
76332	–	1 3/8" Plastic Shell
76337	–	1 3/4" Plastic Shell