

Tapping Tools



RT3422 Tapping Tool

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.

- 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.
- 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.

Cutters

Catalog No.	Model No.	Diameter	Type
		in.	
52760	M16	5/8	Bi-Metal
52780	M22	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
76292	—	5/8	CI/DI Bit
76297	—	7/8	CI/DI Bit
76317	—	5/8	Plastic Shell
76322	—	7/8	Plastic Shell
76277	—	1 1/8	Steel Shell
76282	—	1 3/8	Steel Shell
76287	—	1 3/4	Steel Shell
76302	M29	1 1/8	CI/DI Shell
76307	M35	1 3/8	CI/DI Shell
76312	M44	1 3/4	CI/DI Shell
76327	—	1 1/8	Plastic Shell
76332	—	1 3/8	Plastic Shell
76337	—	1 3/4	Plastic Shell

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

Pilots

Catalog No.	Description
76027	Coupon Retaining 1/4" Pilot
76032	Coupon Retaining 3/8" Pilot

Hole Saw Arbors

Catalog No.	Description
76037	Small Arbor for 5/8" - 1 3/16" Hole Saws
76042	Large Arbor for 1 5/16" - 1 3/4" Hole Saws

Accessories

Catalog No.	Description
76022	1 1/16" Ratchet Wrench
76017	RT 3422 Tool Box

Shaft Extensions

Catalog No.	Description
76047	Small Shaft Extension for 5/8" - 1 3/16" Hole Saws
76052	Large Shaft Extension for 1 5/16" - 1 3/4" Hole Saws

Valve Adapters

Catalog No.	Description
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
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
83997	3/4" Mueller 110
84002	1" Mueller 110
84007	1 1/2" Mueller 110
84012	2" Mueller 110

NPT Sets available only with steel, male valve adapters

Catalog No.	Model No.	Description	Weight	
			lb.	kg
75982	RT3422	Tapping Machine Only	16	7.30
75992	RT3422	3/4" - 2 NPT Set (Male)	5 3/10	2.90
91192	RT3422	3/4" - 2" CTS Set (Flared)	4 4/5	3.00

Standard Equipment

Catalog No. Model No.	75982 RT3422	75992 RT3422	91192 RT3422
RT 1000 Tool Box		•	•
1 1/16" Ratchet Wrench		•	•
Small Shaft Extension for 5/8" - 1 1/3" Hole Saws		•	•
Small Arbor for 5/8" - 1 1/3" Hole Saws		•	•
Large Shaft Extension for 1 5/16" - 1 3/4" Hole Saws		•	•
Large Arbor for 1 5/16" - 1 3/4" Hole Saws		•	•
Spud Wrench (2)		•	•
NPT 3/4" Male		•	
NPT 1" Male		•	
NPT 1 1/4" Male		•	
NPT 1 1/2" Male		•	
NPT 2" Male		•	
CTS 3/4" Female Valve Adapter			•
CTS 1" Female Valve Adapter			•
CTS 1 1/4" Female Valve Adapter			•
CTS 1 1/2" Female Valve Adapter			•
CTS 2" Female Valve Adapter			•