

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 including steel, cast iron, ductile iron and plastic pipe.
- Versatility. The RT3422 is capable of tapping mains of water up to 500 psig and 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.

Cutters

Catalog No.	Model No.	Diameter in.	Type
52760	M16	5/8	Bi-Metal
52780	M22	7/8	
52800	M29	1 1/8	
52820	M35	1 3/8	
52850	M44	1 3/4	
76267		5/8	Steel Shell
76272		7/8	
76292		5/8	Cl/DI Bit
76297		7/8	
76317	-	5/8	Plastic Shell
76322		7/8	
76277		1 1/8	Steel Shell
76282		1 3/8	
76287		1 3/4	
76302		1 1/8	Cl/DI Shell
76307		1 3/8	
76312		1 3/4	
76327		1 1/8	Plastic Shell
76332		1 3/8	
76337		1 3/4	

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

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

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

Catalog No.	Model No.	Description	Weight	
			lb.	kg
75982		Tapping Machine Only	16	7.3
75992	RT3422	3/4" - 2 NPT Set (Male)	5.3	13.6
91192		3/4" - 2" CTS Set (Flared)	4 4/5	3

Accessories

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

Standard Equipment

Catalog No.	Description	75982	75992	91192
		RT3422	RT3422	RT3422
76022	1 1/16" Ratchet Wrench		I	I
76047	Small Shaft Extension for 5/8" - 1 3/16" Hole Saws		I	I
76037	Small Arbor for 5/8" - 1 3/16" Hole Saws		I	I
76052	Large Shaft Extension for 1 5/16" - 1 3/4" Hole Saws		I	I
76042	Large Arbor for 1 5/16" - 1 3/4" Hole Saws		I	I
34100	Spud Wrench (2)		I	I
76132	NPT 3/4" Male		I	
76137	NPT 1" Male		I	
76142	NPT 1 1/4" Male		I	
76147	NPT 1 1/2" Male		I	
76152	NPT 2" Male		I	
76057	CTS 3/4" Female Valve Adapter			I
76067	CTS 1" Female Valve Adapter			I
76072	CTS 1 1/4" Female Valve Adapter			I
76077	CTS 1 1/2" Female Valve Adapter			I
76082	CTS 2" Female Valve Adapter			I
76027	Coupon Retaining 1/4" Pilot		I	I
76032	Coupon Retaining 3/8" Pilot		I	I

Valve Adapters

Catalog No.	Description
76057	CTS 3/4" Female Adapter
76067	CTS 1" Female Adapter
76072	CTS 1 1/4" Female Adapter
76077	CTS 1 1/2" Female Adapter
76082	CTS 2" Female Adapter
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.