

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.