

# Air Drills and Screwdrivers



Ingersoll Rand air drills have industrial-grade chucks and keyless chuck versions that are extra-tough for drilling, sawing, valve guide reaming, cylinder honing, and wire brushing. They are powerful, efficient, and durable with smooth, quiet operation.



## Air Drills and Screwdrivers

| Model                   | Chuck Size in (mm) | Free Speed rpm | Rated Power hp (kW) | Net Weight lb (kg) | Overall Length in (mm) | Average Air Consumption cfm (L/min) | Air Consumption @ Load cfm (L/min) | Sound Pressure / Power dBA | Air Inlet NPTF in | Min Hose Size in (mm) |
|-------------------------|--------------------|----------------|---------------------|--------------------|------------------------|-------------------------------------|------------------------------------|----------------------------|-------------------|-----------------------|
| <b>3/8" CHUCK DRILL</b> |                    |                |                     |                    |                        |                                     |                                    |                            |                   |                       |
| 7802A                   | 3/8" (10)          | 2,000          | 0.5 (0.38)          | 2.6 (1.1)          | 7.8" (198)             | 4 (113)                             | 26 (736)                           | 83 / 94                    | 1/4"              | 3/8" (10)             |
| 7802RA                  | 3/8" (10)          | 2,000          | 0.5 (0.38)          | 2.9 (1.2)          | 7.8" (198)             | 4 (113)                             | 26 (736)                           | 82 / 93                    | 1/4"              | 3/8" (10)             |
| 7802RAKC                | 3/8" (10)          | 2,000          | 0.5 (0.38)          | 2.9 (1.2)          | 7.4" (188)             | 4 (113)                             | 26 (736)                           | 82 / 93                    | 1/4"              | 3/8" (10)             |
| <b>1/2" CHUCK DRILL</b> |                    |                |                     |                    |                        |                                     |                                    |                            |                   |                       |
| 7803A                   | 1/2" (13)          | 500            | 0.5 (0.38)          | 3.2 (1.45)         | 9" (229)               | 4 (113)                             | 27 (765)                           | 83 / 94                    | 1/4"              | 3/8" (10)             |
| 7803RA*                 | 1/2" (13)          | 500            | 0.5 (0.38)          | 3.3 (1.5)          | 8.7" (221)             | 4 (113)                             | 27 (765)                           | 83 / 94                    | 1/4"              | 3/8" (10)             |
| 7803RAKC*               | 1/2" (13)          | 500            | 0.5 (0.38)          | 3.3 (1.5)          | 8.7" (221)             | 4 (113)                             | 27 (765)                           | 83 / 94                    | 1/4"              | 3/8" (10)             |

\*Not pictured.

### 7802A

#### Air Drill

With its industrial-grade 3/8" chuck, this economical choice includes high-quality features for general drilling and hole-sawing jobs. The planetary gear reduction balances the load on bearings and gears for increased tool life.

- Variable speed throttle
- Lightweight, compact drill



### 7802RA

#### Reversible Air Drill

Use this economical, high-quality 3/8" drill for all your general purpose drilling, honing, reaming, and hole-sawing. With its reversible 0.5 hp motor, you can also drive and remove screws — including backing out tight screws without a struggle.

- Reversible motor with a quick reverse lever
- Variable speed throttle for starting holes easily
- Smooth, lightweight, compact drill



### 7802RAKC

#### Reversible Air Drill / Keyless Chuck

With its industrial-grade 3/8" chuck, this economical choice includes high-quality features for general drilling and hole-sawing jobs. The planetary gear reduction balances the load on bearings and gears for increased tool life.

- Variable speed throttle
- Lightweight, compact drill
- Keyless chuck



### 7803A

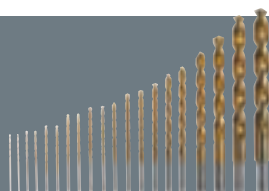
#### Air Drill

Here's the economical choice for power — a high-quality air drill designed for drilling, hole-sawing, cylinder honing, and any other job that calls for a 1/2" size. Its quality features for long life include the industrial-grade 1/2" chuck, ball and needle bearing construction, and double-reduction planetary gearing.

- No-load speed of 500 rpm
- Auxiliary side handle



## Drill Bits



No matter what your drilling needs may be, count on Ingersoll Rand for the bits required to get the job done. Our line of bits can be found on page 61-63.

| Model                                 | Free Speed rpm | Chuck Size in (mm) | Rated Power hp (kW) | Net Weight lb (kg) | Overall Length in (mm) | Average Air Consumption cfm (L/min) | Air Consumption @ Load cfm (L/min) | Sound Pressure / Power dBA | Air Inlet NPTF in | Min Hose Size in (mm) |
|---------------------------------------|----------------|--------------------|---------------------|--------------------|------------------------|-------------------------------------|------------------------------------|----------------------------|-------------------|-----------------------|
| <b>1/4" MINI TOOL DRILL / DRIVER</b>  |                |                    |                     |                    |                        |                                     |                                    |                            |                   |                       |
| 7804XP                                | 1,600          | 1/4"               | N/A                 | 1.7 (0.78)         | 7.3" (184)             | 1.9 (54)                            | 17.5 (495)                         | 83.6 / 94.6                | 1/4"              | 3/8" (10)             |
| <b>3/8" CHUCK — RIGHT ANGLE DRILL</b> |                |                    |                     |                    |                        |                                     |                                    |                            |                   |                       |
| 7807R                                 | 1,800          | 3/8" (10)          | 0.33 (0.25)         | 2.4 (1.13)         | 8.1" (206)             | 4 (113)                             | 17 (481)                           | 89 / 102                   | 1/4"              | 3/8" (10)             |
| <b>1/4" CHUCK SCREWDRIVER</b>         |                |                    |                     |                    |                        |                                     |                                    |                            |                   |                       |
| 371                                   | 1,800          | 1/4" hex           | 0.44 (0.33)         | 2.5 (1.15)         | 7.4" (188)             | 4 (113)                             | 29 (821)                           | 78 / 91                    | 1/4"              | 3/8" (10)             |

## 7804XP

### 1/4" Mini Drill / Driver

- Double-sided, adjustable speed settings provide variability for a broader range of applications
- Double-bearing construction for longer life, impressive balance, and reduced vibration
- Reversible motor control

## 7804K

### 1/4" Mini Drill / Driver Kit

- Includes 22-piece drill bit and driver set



**Hard-hitting 5-vane motor delivers smooth and robust performance**

## 7807R

### 3/8" Angle Reversible Drill

The 7807R is an excellent choice for service work requiring a compact, low-profile angle head. It's a durable, reliable tool for drilling in all types of materials, including sheet metal, wood, and composites.

- Durable Jacobs multi-craft chuck
- Reversible, with convenient control
- Precision machine gearing ensures maximum power transfer and durability



## 371

### Reversible Pistol-grip Screwdriver

The 371 is an excellent choice for soft-draw applications. This tool is well-suited for service work on HVAC systems, instrument panels, and trim components. It delivers reliable performance for driving sheet metal, self-tapping, and wood screws.

- Positive action clutch, for full torque throughout rundown
- Convenient one-handed operation, with reverse control at trigger
- Variable speed throttle for easy starts



## Replacement Chucks and Chuck Keys

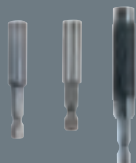
| Model      | Capacity in (mm) | Thread in (mm)        | Chuck Key Catalog Number | Tool Number              |
|------------|------------------|-----------------------|--------------------------|--------------------------|
| 728-99-KC5 | 3/8" (10)        | 3/8" x 24" (10 x 610) | Keyless                  | 7802, 7802R, 7811        |
| 728-99-KC8 | 1/2" (13)        | 3/8" x 24" (10 x 610) | Keyless                  | 7806, 7803, 7803R, 7816R |
| 7803-99    | 1/2" (13)        | 3/8" x 24" (10 x 610) | 7803-253                 | 7803, 7803R, 7816R       |



## Drill Boots

| Part Number                  | Description   | For Use With            |
|------------------------------|---|-------------------------|
| <b>PROTECTIVE TOOL BOOTS</b> |   |                         |
| 7802-BOOT                    | Air drill boot with Ingersoll Rand logo printed on red boot | 7802A, 7802RA, 7802RAKC |
| 7803-BOOT                    | Air drill boot with Ingersoll Rand logo printed on red boot | 7803A, 7803RA, 7803RAKC |

## Drill/Hex Bits



No matter what your drilling needs may be, count on Ingersoll Rand for the bits required to get the job done. We offer a variety of drill bits and hex driver bits designed specifically for our cordless drills/drivers. See pages 61-63.