

# Ingersoll-Rand®

---

## 1 Series Light Assembly Tools

### All in 1

---

### THE RIGHT TOOL AT THE RIGHT PRICE

---

### HIGH PERFORMANCE TOOLS

- Accurate tools with high precision clutch.
  - Lightweight and compact design for maximum operator comfort and efficiency.
- 

### HIGH QUALITY DESIGN

- Superior reliability thanks to IR proven design.
  - Fast, simple and low cost maintenance.
- 

## New Range



### Straight Screwdrivers

- Ten models of inline fastening tools.
- 0.2 to 5.1 Nm torque range.
- Soft-touch grip and convenient control (push or lever start) for operator comfort.
- Automatic shut-off and cushion clutch models.



### Pistol Grip Screwdrivers

- 5 compact lightweight pistol grip models.
- Push to start or trigger start version.
- Automatic shut-off and cushion clutch models.
- Soft-touch grip and convenient control for operator comfort.



### Angle Wrenches

- 4 angle models.
- Shut-off and direct drive versions
- Square drive and quick change spindles.
- Control by lever.
- Soft-touch grip and convenient control for operator comfort



### Production Drills

- 8 models, pistol, straight or angle.
- 0.2 and 0.3 air motor (0.14 to 0.23 kW).
- Speeds from 600 to 3800 rpm.
- Compact and lightweight design.
- Precision control through progressive lever or trigger.
- Soft touch coating for secured grip with minimal grip force.


 **Ingersoll-Rand®**

# 1 Series Light Assembly Tools

## Technical Specifications




### Fastening Tools (specifications at 620 kPa - 90 psi)

Model No. / Push to start control	Model No. / Trigger or lever control	Clutch type	Torque range (soft joint) Nm	Spindle type	Free speed rpm	Total weight kg	Overall length mm	Side to centre dist. mm		Air inlet in
<b>STRAIGHT MODELS</b>										
1RPLS1	—	Shut-off	0.4 - 1.45	1/4 Quick Ch.	2800	0.50	213	14	—	1/8 NPT F
1RPMS1	—	Shut-off	0.30 - 2.25	1/4 Quick Ch.	1650	0.50	222	14	—	1/8 NPT F
1RPNS1	1RLNS1	Shut-off	0.15 - 3.40	1/4 Quick Ch.	1000	0.50	222	14	—	1/8 NPT F
1RPQS1	1RLQS1	Shut-off	0.15 - 5.10	1/4 Quick Ch.	500	0.50	222	17	—	1/8 NPT F
1RPMC1	1RLMC1	Cushion	0.30 - 2.25	1/4 Quick Ch.	1650	0.48	222	14	—	1/8 NPT F
1RPNC1	1RLNC1	Cushion	0.15 - 3.40	1/4 Quick Ch.	1000	0.48	222	14	—	1/8 NPT F
<b>PISTOL MODELS</b>										
1RTMS1	—	Shut-off	0.30 - 2.25	1/4 Quick Ch.	1650	0.68	217	17	—	1/8 NPT F
1RTNS1	—	Shut-off	0.15 - 3.40	1/4 Quick Ch.	1000	0.68	217	17	—	1/8 NPT F
1RTQS1	—	Shut-off	0.15 - 5.10	1/4 Quick Ch.	500	0.68	222	17	—	1/8 NPT F
—	1RAMC1	Cushion	0.30 - 2.25	1/4 Quick Ch.	1650	0.68	217	17	—	1/8 NPT F
—	1RANC1	Cushion	0.15 - 3.40	1/4 Quick Ch.	1000	0.68	217	17	—	1/8 NPT F
<b>ANGLE MODELS</b>										
—	1RLM2S5	Shut-off	0.45 - 3.40	1/4 Square Dr.	1100	0.79	318	13	33	1/8 NPT F
—	1RLN2S5	Shut-off	0.25 - 5.20	1/4 Square Dr.	700	0.79	318	13	33	1/8 NPT F
—	1RLN2S3	Shut-off	0.25 - 5.20	1/4 Bit Holder	700	0.79	318	13	31	1/8 NPT F
—	1RLN2D5	Direct drive	5.20	1/4 Square Dr.	700	0.60	211	13	33	1/8 NPT F



### Production Drills (specifications at 620 kPa - 90 psi)

Model number	Free speed rpm	Motor power kW / HP	Stalling torque Nm	Chuck/collet capacity	Total weight kg	Overall length mm	Side to centre distance mm		Air inlet in
<b>STRAIGHT MODELS - NON REVERSIBLE - LEVER START</b>									
1LL1	2800	0.14 / 0.20	1.70	6 mm	0.51	194	17	—	1/4 NPT F
1S30MF4	3000	0.23 / 0.30	1.90	6 mm	0.54	186	16.5	—	1/4 NPT F
<b>PISTOL MODELS - NON REVERSIBLE - TRIGGER START</b>									
1P06ST4	600	0.23 / 0.30	11.3	6 mm	0.68	171	17	—	1/4 NPT F
1P09ST4	900	0.23 / 0.30	7.60	6 mm	0.68	171	17	—	1/4 NPT F
1AL1	2800	0.14 / 0.20	1.70	6 mm	0.65	159	16.5	—	1/4 NPT F
1P38ST4	3800	0.23 / 0.30	2.30	6 mm	0.65	159	17	—	1/4 NPT F
<b>ANGLE MODELS - NON REVERSIBLE - TRIGGER START</b>									
1LL1A1	2700	0.14 / 0.20	1.60	1/4"-28 F	0.51	234	8	28	1/4 NPT F
1LJ1A1	3700	0.14 / 0.20	1.10	1/4"-28 F	0.51	234	8	28	1/4 NPT F



DISTRIBUTOR:

Nothing contained within this brochure is intended to extend any warranty or representation, expressed or implied, regarding the products described herein. Any such warranties or other terms or conditions of sale of products shall be in accordance with Ingersoll-Rand's standard terms and conditions of sale for such products, which are available upon request. Product improvement is a continuing goal at Ingersoll-Rand. Designs and specifications are subject to change without notice or obligation.