

# Ingersoll-Rand®

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## 1 Series Light Assembly Tools

### All in 1

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### THE RIGHT TOOL AT THE RIGHT PRICE

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### HIGH PERFORMANCE TOOLS

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

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



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