

1 Series Light Assembly Tools

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 Ingersoll Rand proven design.
- Fast, simple and low cost maintenance.

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

- 6 compact lightweight pistol grip models.
- Automatic shut-off, cushion clutch and direct drive models.
- Soft-touch grip and convenient control for operator comfort.

Angle Wrenches

- 3 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.

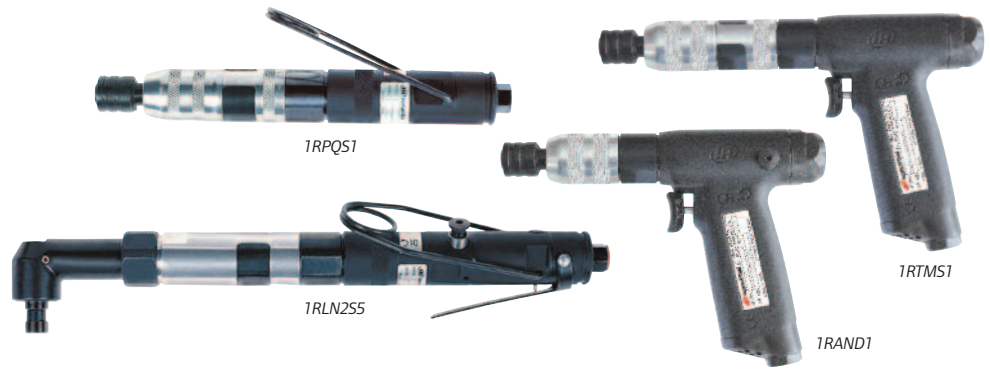


Production Drills

- 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.

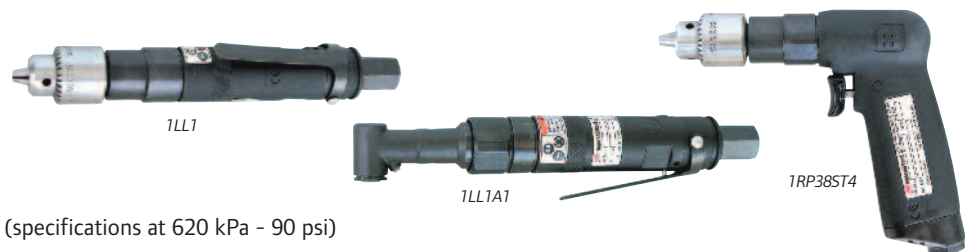


1 Series Light Assembly Tools Technical Specifications



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	 mm	Air inlet in
Straight Models										
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
Pistol Models										
—	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
—	1RAND1	Direct drive	0.25 - 5.20	1/4 Quick Ch.	1000	0.62	187	17	—	1/8 NPT F
Angle Models										
—	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	 mm	Air inlet in
Straight Models / Non Reversible / Lever Start									
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
Pistol Models / Non Reversible / Trigger Start									
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
Angle Models / Non Reversible / Lever Start									
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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