

1-Series Air Drills

Legendary IR Performance and Durability

The new 1-Series air drills from Ingersoll-Rand combine power and speed in a compact package to deliver productivity-enhancing performance. Seven new models in pistol grip, inline, and angle configurations provide the flexibility you need to tackle drilling jobs in both open and confined spaces. Pistol grip and inline models feature a 1/4" capacity chuck while the precision angle drills offer the popular 1/4"-28 female threaded spindle, allowing you to match the bit to the job at hand. With speeds ranging from 600 to 3800 rpm, 1-Series drills allow users in aerospace, woodworking, and general industry environments to easily handle a wide variety of materials and hole sizes. The black coated grip area on all models allows for easy handling and improved productivity.

1-Series drills offer an unparalleled value - performance and reliability for day-in, day-out production drilling. Exactly the kind of solution you'd expect from Ingersoll-Rand Assembly Solutions.



1-Series Performance Specifications

Model	Free Speed (rpm)	Stall Torque (ft-lb) (Nm)	Length (in) (mm)	Weight (lb) (kg)	Chuck or Spindle	Side to Center (in) (mm)	Air Usage (CFM)	Inlet
Pistol Grip Drills								
1P38ST4	3800	20 2.3	6.25 159	1.44 0.65	1/4" chuck	21/32 16.5	11	1/4" NPT
1AL1	2800	15 1.7	6.25 159	1.44 0.65	1/4" chuck	21/32 16.5	11	1/8" NPT
1P09ST4	900	67 7.6	6.75 172	1.50 0.68	1/4" chuck	21/32 16.5	11	1/4" NPT
1P06ST4	600	100 11.3	6.75 172	1.50 0.68	1/4" chuck	21/32 16.5	11	1/4" NPT
Angle Drills - Lever Throttle - 90 Degrees								
1LJ1A1	3700	10 1.1	8.63 219	1.19 0.54	1/4" x 28 female	21/64 8.0	11	1/8" NPT
1LL1A1	2700	14 1.6	8.13 206	1.13 0.51	1/4" x 28 female	21/64 8.0	11	1/8" NPT
Inline Drills - Lever Throttle								
1S30MF4	3000	17 1.9	7.31 186	1.13 0.51	1/4" chuck	21/32 16.5	11	1/4" NPT

* Other speeds are forthcoming; additional model configurations available on request.