

1-800-GRAINGER (472-4643)



Pneumatic Impact Screwdrivers

- Required psi: 90
- Air inlet: 1/4" NPT
- Min. hose size: 3/8"
- Use 1/4" hex bits
- Integrated power regulator
- Reversible
- Lift bail included

Ergonomic screwdrivers feature extremely durable impact mechanism that delivers high-speed reactionless power capable of handling high cycle rate assembly applications.

Torque Range Soft Draw	Free Speed	Throttle Type	Average cfm*	CFM @ Full Load	Overall Length	Brand	Mfr. Model	Item No.
Inline								
44 to 124 in-lb	13,500 RPM	Lever	—	—	9 1/4 in	Ingersoll Rand	QIS14Q4	4UJH3
178 to 239 in-lb	12,000 RPM	Lever	7.00	26.0	9 1/2 in	Ingersoll Rand	QIS30Q4	4UJH4
Pistol								
10 to 85 ft-lb	8,800 RPM	Trigger	5.00	20.0	6 in	Speedaire	45NW64	45NW64
55 ft-lb	14,500 RPM	Trigger	—	—	8 1/4 in	Ingersoll Rand	2101XPA-QC	12T592

* Avg. cfm is based on a 15-sec. run time.



Pneumatic Screwdrivers

Torque Range Soft Draw	Free Speed	Throttle Type	Average CFM @ 15-sec. Run Time	CFM @ Full Load†	Air Inlet	Overall Length	Brand	Mfr. Model	Item No.
Adjustable Cushion Clutch									
Inline									
1.5 to 30.0 in-lb	1,000 RPM	Push to Start	5.00	13.0	1/8 in NPT	8 3/4 in	Ingersoll Rand	1RPNC1	3YU87
	1,000 RPM	Lever	—	—	1/8 in NPT	8 3/4 in	Ingersoll Rand	1RLNC1	3YU88
2.5 to 20.0 in-lb	1,650 RPM	Push to Start	5.00	13.0	1/8 in NPT	8 3/4 in	Ingersoll Rand	1RPMC1	3YU86
9.6 to 25.2 in-lb	2,000 RPM	Lever	4.00	16.0	1/4 in NPT	9 in	Chicago Pneumatic	CP783	42NX41
13 to 75 in-lb	1,000 RPM	Lever	4.00	16.0	1/4 in NPT	10 3/4 in	Ingersoll Rand	5RLNC1	3Y529
20 to 110 in-lb	1,200 RPM	Lever	10.00	27.0	1/4 in NPT	12 in	Ingersoll Rand	7RLMC1	3Y506
30 to 70 in-lb	1,800 RPM	Lever	4.00	16.0	1/4 in NPT	9 1/2 in	Speedaire	21AA81	21AA81
30 to 95 in-lb	800 RPM	Lever	4.00	16.0	1/4 in NPT	10 1/4 in	Speedaire	21AA80	21AA80
Pistol Grip									
1.5 to 30.0 in-lb	1,000 RPM	Trigger and Push to Start	5.00	13.0	1/8 in NPT	8 1/2 in	Ingersoll Rand	1RANC1	3YU89
13 to 35 in-lb	2,000 RPM	Trigger	4.00	17.0	1/4 in NPT	8 3/4 in	Ingersoll Rand	5RALC1	3Y538
20 to 110 in-lb	1,000 RPM	Lever	10.00	27.0	1/4 in NPT	10 1/2 in	Ingersoll Rand	7RAMC1	3Y507
Adjustable Shut-Off Clutch									
Inline									
2.7 to 30.1 in-lb	1,000 RPM	Push to Start	5.00	13.0	1/8 in NPT	8 3/4 in	Ingersoll Rand	1RPN1	3YU84
2.7 to 45.1 in-lb	500 RPM	Push to Start	5.00	13.0	1/8 in NPT	8 3/4 in	Ingersoll Rand	1RPQ1	3YU85
Pistol Grip									
2.7 to 30.1 in-lb	1,000 RPM	Trigger and Push to Start	3.45	13.0	1/8 in NPT	8 1/2 in	Ingersoll Rand	1RTNS1	24K078
Direct Drive Clutch									
Pistol Grip									
45 to 65 in-lb	2,200 RPM	Trigger	2.50	29.7	1/4 in NPT	6 1/4 in	Chicago Pneumatic	CP2755	11C895
79.2 in-lb	900 RPM	Trigger	2.50	29.7	1/4 in NPT	7 in	Chicago Pneumatic	CP2765	11C896
Positive Action Clutch									
Pistol Grip									
20 to 115 in-lb	800 RPM	Trigger	4.00	29.0	1/4 in NPT	7 3/4 in	Speedaire	45NW60	45NW60
	2,200 RPM	Lever	—	—	1/4 in NPT	7 3/4 in	Speedaire	12V743	12V743
47.1 to 115 in-lb	1,800 RPM	Trigger	4.00	29.0	1/4 in NPT	7 1/4 in	Ingersoll Rand	371	3JD32
88.8 in-lb	2,100 RPM	Trigger	2.50	29.7	1/4 in NPT	6 1/2 in	Chicago Pneumatic	CP2780	11C897
Positive Jaw Clutch									
Inline									
20 to 40 in-lb	1,800 RPM	Lever	3.00	12.0	1/4 in NPT	9 1/4 in	Speedaire	48LZ89	48LZ89
Pistol Grip									
19 to 35 in-lb	2,000 RPM	Trigger	4.00	17.0	1/4 in NPT	7 1/4 in	Ingersoll Rand	5RALP1	3Y536
39 to 70 in-lb	900 RPM	Trigger	4.00	17.0	1/4 in NPT	8 in	Ingersoll Rand	5RANP1	3Y532
Precision Shut-Off Clutch									
Inline									
3.5 to 13 in-lb	1,100 RPM	Push to Start	2.10	8.5	1/4 in NPT	7 3/4 in	Chicago Pneumatic	CP2003	11Z508
7 to 58 in-lb	1,000 RPM	Push to Start	5.25	30.1	1/4 in NPT	9 in	Chicago Pneumatic	CP2621	11C894
Pistol Grip									
8.9 to 66 in-lb	1,000 RPM	Trigger	5.25	21.0	1/4 in NPT	9 1/4 in	Chicago Pneumatic	CP2611	11C893
	1,000 RPM	Trigger	4.80	19.4	3/8 in	8 5/8 in	Speedaire	45NW61	45NW61
11 to 65 in-lb	1,000 RPM	Trigger and Push to Start	4.80	19.4	3/8 in	8 5/8 in	Speedaire	45NW62	45NW62
Shut-Off Clutch									
Inline									
13 to 35 in-lb	2,100 RPM	Trigger	—	—	1/4 in NPT	12 3/4 in	Ingersoll Rand	5RLLC1	4Z262
13 to 70 in-lb	900 RPM	Trigger	—	—	1/4 in NPT	12 3/4 in	Ingersoll Rand	5RANC1	4Z261

† Full load cfm is based on a 1-min. run time.



- Max. psi: 90
- Reversible
- 1/4" quick-change bit holder included

Adjustable Cushion Clutch—Controls torque output to the bit. Straight handle units come with suspension bails.

Direct Drive Clutch—General duty for large and medium screws.

Positive Action Clutch—Standard-duty, for use with soft-draw applications. Variable-speed throttle. Through-handle exhaust.

Positive Jaw Clutch—Clutch engages when the operator starts the motor and presses the tool toward the fastener. Designed for applications where driving torque may exceed final seating torque.

Precision Shut-Off Clutch—Designed for precision torque applications. Units come with suspension bails.



Pneumatic Thread Inserters

- Air Inlet: 1/4"
- Min. hose size: 3/8"

Spin-pull-to-pressure technology allows insert setting for varying application thicknesses without the need for adjustment. Push-to-thread on mandrel allows automatic reversing and unthreading when insert is set. Pop Avdel models do not include mandrels, nosepieces, or adapters; see Grainger.com.

Stroke Length	Pulling Force	For Rivet Nut Thread Size	Max. Pressure	Construction	L	Tool Weight	Brand	Mfr. Model	Item No.
1/4 in	6,000 lbf	#10-24, #10-32, #8-32, 1/2"-13, 1/4"-20, 3/8"-16, 5/16"-18	95 psi	Composite	11 3/8 in	5.1 lb	Speedaire	3CRH8	3CRH8
3/8 in	6,555 lbf	1/2"-13, 1/4"-20, 3/8"-16, 5/16"-18, M10, M12, M6, M8	87 psi	Aluminum	12 3/8 in	6.11 lb	Pop Avdel	PNT1000L-PC-T	2NJP5
1 in	3,200 lbf	M10, M3, M4, M5, M6, M8	90 psi	Aluminum	10 in	4.9 lb	Pop Avdel	74202-00003	52VF50



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