

## Pneumatic Impact Screwdrivers

- Required psi: 90
- Air inlet: 1/4" NPT
- Use 1/4" hex bits
- Integrated power regulator
- Reversible

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	Min. Hose Size	Overall Length	Brand	Mfr. Model	Item No.
<b>Inline</b>									
2.5 to 20.0 in-lb	1,500 RPM	Push to Start	4.00	16.0	1/4 in	8 3/4 in	Ingersoll Rand	QS1P15S1D	436P52
<b>Pistol Grip</b>									
10 to 85 ft-lb	8,800 RPM	Trigger	5.00	20.0	1/4 in	6 in	Speedaire	45NW64	45NW64
55 ft-lb	14,500 RPM	Trigger	—	—	3/8 in	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.
<b>Adjustable Cushion Clutch</b>									
<b>Inline</b>									
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
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
<b>Pistol Grip</b>									
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	5RANC1	3Y538
20 to 110 in-lb	1,000 RPM	Lever	10.00	27.0	1/4 in NPT	10 1/2 in	Ingersoll Rand	7RANC1	3Y507
<b>Adjustable Shut-Off Clutch</b>									
<b>Inline</b>									
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	1RPNS1	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	1RPQS1	3YU85
<b>Pistol Grip</b>									
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
<b>Direct Drive Clutch</b>									
<b>Pistol Grip</b>									
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
<b>Positive Action Clutch</b>									
<b>Pistol Grip</b>									
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
45 in-lb	2,500 RPM	Trigger	5.00	20.0	1/4 in NPT	7 1/4 in	Ingersoll Rand	41PP25TSQ4	436P59
88.8 in-lb	2,100 RPM	Trigger	2.50	29.7	1/4 in NPT	6 1/2 in	Chicago Pneumatic	CP2780	11C897
<b>Positive Jaw Clutch</b>									
<b>Inline</b>									
20 to 40 in-lb	1,800 RPM	Lever	3.00	12.0	1/4 in NPT	9 1/4 in	Speedaire	48LZ89	48LZ89
<b>Pistol Grip</b>									
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
<b>Precision Shut-Off Clutch</b>									
<b>Inline</b>									
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
<b>Pistol Grip</b>									
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 1/2 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 1/2 in	Speedaire	45NW62	45NW62
<b>Shut-Off Clutch</b>									
<b>Inline</b>									
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 1/8 in	5.1 lb	Speedaire	3CRH8	3CRH8
1 in	3,200 lbf	M10, M3, M4, M5, M6, M8	90 psi	Aluminum	10 in	4.9 lb	Pop Avdel	74202-00003	52VF50

