

# Screwdrivers and Nutsetters



## Screwdriver Selection

When selecting a production screwdriver, it is important to take into account the following considerations:

**A Type of Joint:**

First, consider the type of joint you will be working with. Since joints vary according to the type of screw and fastening involved, you should always verify the type of screw and material you'll be working with.

**B Torque Requirements:**

Next, you should take into account the amount of torque needed for your production requirements. Screwdriver type, length, and the type of steel it's made of all effect torque requirements.

**C Clutch Options:**

Finally, production screwdrivers come with four different clutch options. Selection of the proper clutch depends on the type of joints, screws used, and torque required in production.

Use these easy steps to determine which ARO production screwdriver best meets your specific production requirements.

## A - Types of Joints

When choosing a production screwdriver, always take the type of joint and screws you'll be working with into account. This information will also help you determine torque and clutch requirements.

### Fastening Applications

Clutch Options	Free-Running Sudden-Stop	Soft Pull-Up	Self-Tapping in Thick Material	Sheet Metal Screws	Lock Nuts	Wood Screws
<b>Automatic Shutoff</b>	Excellent for all size screws.		Not suitable if tapping torque exceeds stripping	Good for all size screws. torque or clutch setting.	Excellent for all size screws.	
<b>Adjustable Ball</b>	Good for all size screws where close torque control is not required.	Good for most screws where close torque control is not required.	Good for most screws. With proper operator technique can be used where tapping torque exceeds stripping torque.	Good for most screws. With proper operator technique can be used where tapping torque exceeds stripping torque.	Good for most screws where close torque control is not required.	Good for all size screws.
		Slow on large screws with long heavy pull-up.	Slow on large screws.			
<b>Positive</b>		Good for small to medium size screws.	Good for most screws where stripping torque is considerably higher than tapping torque.	Good for all size screws where stripping torque is considerably higher than tapping torque.	Fair for all size screws.	Excellent for all size screws.
		Requires considerable operator pressure on large screws.	Excellent in non-uniform or misaligned material.	Excellent when sheets are frequently misaligned.		
<b>Direct Drive</b>		Good for large and medium size screws. Must be adjusted to run rather slowly for small screws.	Not recommended unless stripping torque is considerably higher than tapping torque.	Not recommended unless stripping torque is considerably higher than tapping torque.	Good for large and medium screws. Must be adjusted to run rather slowly for small screws.	Excellent for large and medium screws. Must be adjusted to run rather slowly for small screws.

# Screw Torque Guide

## Screwdrivers and Nutsetters

### B - Screw Torque Guide<sup>1</sup>

Screw Size	Low Carbon Steel		18-8 Stainless		Brass		Silicon Bronze		Aluminum 2024-T4		316 Stainless		Monel	
	in.-lb	Nm	in.-lb	Nm	in.-lb	Nm	in.-lb	Nm	in.-lb	Nm	in.-lb	Nm	in.-lb	Nm
2-56	2.2	.25	2.5	.28	2.0	.23	2.3	.26	1.4	.16	2.6	.29	2.5	.28
2-64	2.7	.31	3.0	.34	2.5	.28	2.8	.32	1.7	.19	3.2	.26	3.1	.35
3-48	3.5	.40	3.9	.44	3.2	.36	3.6	.41	2.1	.24	4.0	.45	4.0	.45
3-56	4.0	.45	4.4	.50	3.6	.41	4.1	.46	2.4	.27	4.6	.52	4.5	.51
4-40	4.7	.53	5.2	.59	4.3	.49	4.8	.54	2.9	.33	5.5	.62	5.3	.60
4-48	5.9	.67	6.6	.75	5.4	.61	6.1	.69	3.6	.41	6.9	.78	6.7	.76
5-40	6.9	.78	7.7	.87	6.3	.71	7.1	.80	4.2	.48	8.1	.92	7.8	.88
5-44	8.5	.96	9.4	1.06	7.7	.87	8.7	.98	5.1	.58	9.8	1.11	9.6	1.09
6-32	8.7	.98	9.6	1.09	7.9	.89	8.9	1.01	5.3	.60	10.1	1.14	9.8	1.11
6-40	10.9	1.23	12.1	1.37	9.9	1.12	11.2	1.27	6.6	.75	12.7	1.44	12.3	1.39
8-32	17.8	2.01	19.8	2.24	16.2	1.83	18.4	2.08	10.8	1.22	20.7	2.34	20.2	2.28
8-36	19.8	2.24	22.0	2.49	18.2	2.01	20.4	2.31	12.0	1.36	23.0	2.60	22.4	2.53
10-24	20.9	2.35	22.8	2.58	18.6	2.10	21.2	2.40	13.8	1.59	23.8	2.69	25.9	2.93
10-32	29.7	3.36	31.7	3.58	25.9	2.93	29.3	3.31	19.2	2.17	33.1	3.74	34.9	3.94
1/4-20	65.0	7.35	75.2	8.50	61.5	6.95	68.8	7.77	45.6	5.15	78.8	8.90	85.3	9.64
1/4-28	90.0	10.20	90.0	10.20	77.0	8.70	87.0	9.83	57.0	6.44	99.0	11.20	106.0	12.00
5/16-18	129.0	14.60	132.0	14.90	107.0	12.10	123.0	13.90	80.0	9.04	138.0	15.60	149.0	16.80
5/16-24	139.0	15.70	142.0	16.10	116.0	13.10	131.0	14.80	86.0	9.72	147.0	16.60	160.0	18.10

(1) Screw types and materials affect the amount of torque needed for a given production job. Use this table to determine your specific needs. Source: "Fasteners" published by Industrial Fasteners Institute.

### C - Clutch Selection



**Direct Drive** – Good for non-precision fastening in wood, aluminum, and soft draw applications. Torque output is determined only by the stall torque of the motor at a given air pressure.



**Positive Clutch** – Good general purpose clutch for soft draw applications in wood and aluminum. Allows motor to run without bit turning until pressure is applied to the spindle to engage jaws. Clutch with angle jaws ratchets as fastener resistance overcomes operator pressure on the driver. Torque output is determined by the force applied by the operator and the ratchet time. Clutch with 90° jaws acts as a direct drive when jaws are engaged and stalls motor as fastener resistance builds.



**Adjustable Ball Clutch** – Excellent general purpose clutch; provides good torque control for most assembly line applications. Allows motor to run without bit turning until pressure is applied to the spindle to engage the 90° jaws. As fastener resistance overcomes spring force, balls are displaced which causes the clutch to ratchet. Torque output is determined by adjusting the clutch spring force.



**Automatic Shut-Off Clutch** – Best clutch for all threaded fasteners and where controlled fastening is required. Motor is actuated and bit rotates when pressure is applied to the spindle which opens the throttle. When pre-set torque is achieved, the throttle is automatically closed and the tool stops. Torque output is determined by adjusting the clutch spring force.

Check your torque requirements and the types of materials and screw being used to determine which clutch best suits your needs.

# Torque Conversion Table

## Screwdrivers and Nutsetters

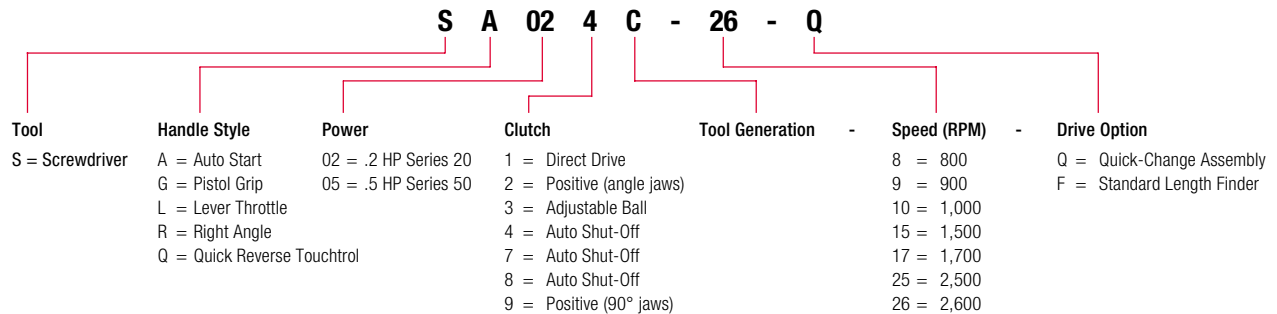
Torque Conversion Table

in.-lbs	ft.-lbs	Nm	in.-lbs	ft.-lbs	Nm	in.-lbs	ft.-lbs	Nm	in.-lbs	ft.-lbs	Nm
1	.08	.11	27	2.25	3.05	54	4.50	6.10	80	6.66	9.04
2	.17	.23	28	2.33	3.16	55	4.58	6.21	81	6.75	9.15
3	.25	.34	29	2.42	3.28	56	4.68	6.33	82	6.83	9.27
4	.33	.45	30	2.50	3.39	57	4.75	6.44	83	6.92	9.38
5	.42	.57	31	2.58	3.50	58	4.83	6.55	84	7.00	9.49
6	.50	.68	32	2.67	3.62	59	4.92	6.67	85	7.08	9.61
7	.58	.80	33	2.75	3.73	60	5.00	6.78	86	7.16	9.72
8	.66	.90	34	2.83	3.84	61	5.08	6.89	87	7.25	9.83
9	.75	1.02	36	3.00	4.07	62	5.16	7.01	88	7.33	9.94
10	.83	1.13	37	3.08	4.18	63	5.25	7.12	89	7.42	10.06
11	.92	1.24	38	3.16	4.29	64	5.33	7.23	90	7.50	10.17
12	1.00	1.35	39	3.25	4.41	65	5.42	7.35	91	7.58	10.28
13	1.08	1.47	40	3.33	4.52	66	5.50	7.46	92	7.66	10.40
14	1.16	1.58	41	3.42	4.63	67	5.58	7.57	93	7.75	10.51
15	1.25	1.70	42	3.50	4.75	68	5.66	7.68	94	7.83	10.62
16	1.33	1.81	43	3.58	4.86	69	5.75	7.80	95	7.92	10.74
17	1.42	1.92	44	3.66	4.97	70	5.83	7.91	96	8.00	10.85
18	1.50	2.03	45	3.75	5.09	71	5.92	8.02	97	8.08	10.96
19	1.58	2.15	46	3.83	5.20	72	6.00	8.14	98	8.16	11.07
20	1.66	2.26	47	3.92	5.31	73	6.08	8.25	99	8.25	11.19
21	1.75	2.37	48	4.00	5.42	74	6.14	8.36	100	8.33	11.30
22	1.83	2.49	49	4.08	5.54	75	6.25	8.48	108	9.00	12.20
23	1.92	2.60	50	4.16	5.65	76	6.33	8.59	120	10.00	13.50
24	2.00	2.71	51	4.25	5.76	77	6.42	8.70	132	11.00	14.90
25	2.08	2.83	52	4.33	5.88	78	6.50	8.81			
26	2.16	2.94	53	4.42	5.99	79	6.58	8.93			

Inch Pounds x 0.113 = Newton Meters  
 Newton Meters x 8.849 = Inch Pounds  
 Foot Pounds x 1.356 = Newton Meters  
 Newton Meters x 0.737 = Foot Pounds

### Model Identification Guide

Example: SA024C-26-Q



# Quick Reverse (QRT) Models

## Screwdrivers and Nutsetters

**Torque Output: 3 to 100 in.-lbs (0.34 to 11.3 Nm)**

### Ordering Information

Tools are equipped with a Quick-Change Assembly (-Q Drive Option) as standard. To order a tool equipped with a (FINDER) option, specify the following option:

- **Standard Length Finder.**

Change the “-Q” in the model number to “-F” and specify one of the FINDER KITS listed in the chart below.

**Note:** Apex Magnetic Bit Holder (40259), and Magna Magnetic Bit Holder (36585) may be ordered separately.

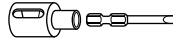
**Example: SQ024C-9-A Drive Option.**

Finder Kit	Screw Size		Bit to Use Order Separately
	Flat head	Round head	
46343-1	1	2	F164
46343-2	2	3	F1645
46343-3	3	4	XF165
46343-4	4	5	XF166
46343-5	5	6	XF167
46343-6	6	8	XF168
46343-8	8	10	XF169
46343-10	10	12	XF1610

**Note:** Tools ordered with the **Finder Option** will not accommodate the “-Q”, options. Consult factory.



Quick-Change Assembly (Q)



Standard Length Finder (F)

### QRT Screwdrivers

**800 to 2600 RPM**

- Exclusive ARO Quick-Reverse Touchtrol™ trigger enables instant, single-hand control of spindle rotation and speed.
- Ideal for applications in which reversing or fastener realignment occurs frequently.
- Ergonomically-correct handle design and well-balanced construction provide comfortable handling and reduce operator fatigue.
- Wide selection of speeds and torque outputs ensures the proper tool for the assembly conditions.

### Standard Equipment

- 1/4" Hex Bit Holder
- Quick-Change Chuck on Direct Drive Models
- Quick-Change Assembly on Series 20 and 50 Models



### Automatic Shut-Off Screwdrivers

Model No.	Free Speed rpm	Torque Range-Soft Draw						Tool Length		Spindle Offset		Tool Weight		@ Free Speed		
		Spring		Spring		Spring		in.	mm	in.	mm	lbs	kg	Air Cons.	Sound Level	
		in.-lbs	Nm	in.-lbs	Nm	in.-lbs	Nm						cfm	L/s	dB(A)	
<b>Series 20</b>		<b>Brown</b>		<b>Green</b>		<b>Red</b>										
<b>Trigger Permit<sup>1</sup></b>																
SQ024C-26-Q	2,600	-	-	-	-	3-10	.34-1.1	7.1	180	.75	19	1.9	.8	15	7	79
SQ024C-15-Q	1,500	-	-	8-20	.9-2.3	3-10	.34-1.1	7.5	191	.75	19	2.0	.9	15	7	79
SQ024C-9-Q	900	10-30	1.1-3.4	8-20	9-2.3	3-10	.34-1.1	7.5	191	.75	19	2.0	.9	15	7	79
SQ024C-8-Q	800	12-40	1.4-4.5	10-26	1.1-2.9	4-13	.50-1.5	7.5	191	.75	19	2.0	.9	15	7	79
<b>Series 50</b>		<b>Yellow</b>		<b>Brown</b>		<b>Green</b>										
<b>Trigger Permit<sup>1</sup></b>																
SQ054C-24-Q	2,400	-	-	-	-	15-40	1.7-4.5	8.3	211	.94	24	3.0	1.3	25	12	78
SQ054C-16-Q	1,600	-	-	25-60	2.8-6.8	15-40	1.7-4.5	8.8	224	.94	24	3.2	1.4	25	12	78
SQ054C-10-Q	1,000	35-80	4.0-9.0	25-60	2.8-6.8	15-40	1.7-4.5	8.8	224	.94	24	3.2	1.4	25	12	78
SQ054C-8-Q	800	35-100	4.0-11.3	25-60	2.8-6.8	15-40	1.7-4.5	8.8	224	.94	24	3.2	1.4	25	12	78

Air Inlet – 1/4" NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16" (8mm) I.D.

**Note:** The torque values shown for a given model indicate the clutch spring(s) included with the tool. The torque value in bold type indicates the standard spring equipped in the clutch.

(1) Series 20 and 50 QRT Screwdrivers feature a push-to-start throttle mechanism with a trigger permit for forward rotation. The reverse trigger position provides instant full-power reverse rotation.

Quick Reverse (QRT) Models

# Screwdrivers and Nutsetters

**Torque Output: 15 to 110 in.-lbs (1.7 to 12.5 Nm)**

**Performance Tip:**

Check the tolerance in your work pieces. Misaligned parts may lead to a loss of power and torque. Be sure to check the dimensions and alignment of any pre-drilled or punched holes, as well as the dimensions of the screws being used.



8515-APR-P

Model No.	Free Speed rpm	Clutch Type	Stall Torque		Torque Range		Tool Length		Spindle Offset		Tool Weight		@ Free Speed		Sound Level dB(A)
			in.-lbs	Nm	Soft Draw	in.-lbs	Nm	in.	mm	in.	mm	lbs	kg	Air Cons.	
<b>000 Series</b>															
8684-BPR-D	2300	Direct Drive	15	1.7	–	–	4.8	123	.8	20	1.3	.6	23	10.8	82
8683-BPR-D	750	Direct Drive	50	5.7	–	–	6.0	152	.8	20	1.6	.7	17	8.0	82
8684-BPR-P	2300	Positive	15 <sup>2</sup>	1.7	–	–	6.3	160	.8	20	1.7	.8	23	10.8	82
8683-BPR-P	750	Positive	50 <sup>2</sup>	5.7	–	–	7.1	179	.8	20	2.0	.9	17	8.0	82
8684-BPR-(1)	2300	Adj. Ball	–	–	3–16	.3–1.8	7.0	178	.8	20	1.8	.8	23	10.8	82
8683-BPR-(1)	750	Adj. Ball	–	–	3–20	.3–2.3	8.1	206	.8	20	2.1	.9	17	8.0	82
<b>0 Series</b>															
8521-BPR-D	2100	Direct Drive	45	5.1	–	–	6.8	173	.9	23	2.2	1.0	27	12.7	82
• 8515-BPR-D	1500	Direct Drive	50	5.7	–	–	8.2	208	.9	23	2.8	1.3	27	12.7	82
8509-BPR-D	900	Direct Drive	80	9.1	–	–	8.2	208	.9	23	2.8	1.3	26	12.2	82
• 8506-BPR-D	600	Direct Drive	110	12.5	–	–	8.2	208	.9	23	2.8	1.3	24	11.3	82
8521-APR-P	2100	Positive	45 <sup>2</sup>	5.1	–	–	6.8	173	.9	23	2.2	1.0	27	12.7	82
8515-APR-P	1500	Positive	50 <sup>2</sup>	5.7	–	–	8.2	208	.9	23	2.9	1.3	27	12.7	82
8509-APR-P	900	Positive	80 <sup>2</sup>	9.1	–	–	8.2	208	.9	23	2.9	1.3	26	12.2	82
8506-APR-P	600	Positive	110 <sup>2</sup>	12.5	–	–	8.2	208	.9	23	2.9	1.3	24	11.3	82
8521-APR-A	2100	Adj. Ball	–	–	8–40	.9–4.5	7.5	190	.9	23	2.5	1.1	27	12.7	82
8515-APR-A	1500	Adj. Ball	–	–	8–45	.9–5.1	7.5	190	.9	23	2.5	1.1	27	12.7	82
8509-APR-A	900	Adj. Ball	–	–	8–50	.9–5.7	8.9	226	.9	23	3.1	1.4	26	12.2	82
8506-APR-A	600	Adj. Ball	–	–	8–70	.9–7.9	8.9	226	.9	23	3.1	1.4	24	11.3	82

• Most popular model.

Air Inlet – 1/4" NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16" (8mm) I.D.

(1) Add -A for internal adjustment clutch or -F for external clutch adjustment.

(2) Controlled by operator technique.

Note: The torque values shown for a given model indicate the clutch spring(s) included with the tool.

# Screwdrivers and Nutsetters

Torque Output: 3 to 100 in.-lbs (.34 to 11.3 Nm)



AG028A-15-Q



AG058A-10-Q

## Reversible Pistol Grip Screwdrivers

Model No.	Free Speed rpm	Torque Range-Soft Draw						Tool Length		Spindle Offset		Tool Weight		@ Free Speed		
		Spring		Spring		Spring		in.	mm	in.	mm	lbs	kg	Air Cons. cfm	L/s	Sound Level dB(A)
		in.-lbs	Nm	in.-lbs	Nm	in.-lbs	Nm									
<b>Series 20</b>		<b>Brown</b>		<b>Green</b>		<b>Red</b>										
<b>Push-to-Start</b>																
AG024A-26-Q	2,600	-	-	-	-	3-10	.34-1.1	7.875	200	0.662	17	1.76	0.78	15	7	76
AG024A-15-Q	1,500	-	-	8-20	.9-2.3	3-10	.34-1.1	8.250	210	0.662	17	1.86	0.85	15	7	76
AG024A-9-Q	900	10-30	1.1-3.4	8-20	.9-2.3	3-10	.34-1.1	8.250	210	0.662	17	1.86	0.85	15	7	76
AG024A-8-Q	800	12-40	1.4-4.5	10-26	1.1-2.9	4-13	.5-1.5	8.250	210	0.662	17	1.86	0.85	15	7	76
<b>Trigger Start</b>																
AG027A-26-Q	2,600	-	-	-	-	3-10	.34-1.1	7.875	200	0.662	17	1.76	0.78	15	7	76
AG027A-15-Q	1,500	-	-	8-20	.9-2.3	3-10	.34-1.1	8.250	210	0.662	17	1.86	0.85	15	7	76
AG027A-9-Q	900	10-30	1.1-3.4	8-20	.9-2.3	3-10	.34-1.1	8.250	210	0.662	17	1.86	0.85	15	7	76
AG027A-8-Q	800	12-40	1.4-4.5	10-26	1.1-2.9	4-13	.5-1.5	8.250	210	0.662	17	1.86	0.85	15	7	76
<b>Trigger Permit</b>																
AG028A-26-Q	2,600	-	-	-	-	3-10	.34-1.1	7.875	200	0.662	17	1.76	0.78	15	7	76
AG028A-15-Q	1,500	-	-	8-20	.9-2.3	3-10	.34-1.1	8.250	210	0.662	17	1.86	0.85	15	7	76
AG028A-9-Q	900	10-30	1.1-3.4	8-20	.9-2.3	3-10	.34-1.1	8.250	210	0.662	17	1.86	0.85	15	7	76
AG028A-8-Q	800	12-40	1.4-4.5	10-26	1.1-2.9	4-13	.5-1.5	8.250	210	0.662	17	1.86	0.85	15	7	76
<b>Series 50</b>		<b>Yellow</b>		<b>Brown</b>		<b>Green</b>										
<b>Push-to-Start</b>																
AG054A-24-Q	2,400	-	-	-	-	15-40	1.7-4.5	8.375	212	0.865	22	2.70	1.20	25	12	80
AG054A-16-Q	1,600	-	-	25-60	2.8-6.8	15-40	1.7-4.5	8.875	225	0.865	22	2.90	1.29	25	12	80
AG054A-10-Q	1,000	35-80	4.0-9.0	25-60	2.8-6.8	15-40	1.7-4.5	8.875	225	0.865	22	2.90	1.29	25	12	80
AG054A-8-Q	800	35-100	4.0-11.3	25-60	2.8-6.8	15-40	1.7-4.5	8.875	225	0.865	22	2.90	1.29	25	12	80
<b>Trigger Start</b>																
AG057A-24-Q	2,400	-	-	-	-	15-40	1.7-4.5	8.375	212	0.865	22	2.70	1.20	25	12	80
AG057A-16-Q	1,600	-	-	25-60	2.8-6.8	15-40	1.7-4.5	8.875	225	0.865	22	2.90	1.29	25	12	80
AG057A-10-Q	1,000	35-80	4.0-9.0	25-60	2.8-6.8	15-40	1.7-4.5	8.875	225	0.865	22	2.90	1.29	25	12	80
AG057A-8-Q	800	35-100	4.0-11.3	25-60	2.8-6.8	15-40	1.7-4.5	8.875	225	0.865	22	2.90	1.29	25	12	80
<b>Trigger Permit</b>																
AG058A-24-Q	2,400	-	-	-	-	15-40	1.7-4.5	8.375	212	0.865	22	2.70	1.20	25	12	80
AG058A-16-Q	1,600	-	-	25-60	2.8-6.8	15-40	1.7-4.5	8.875	225	0.865	22	2.90	1.29	25	12	80
AG058A-10-Q	1,000	35-80	4.0-9.0	25-60	2.8-6.8	15-40	1.7-4.5	8.875	225	0.865	22	2.90	1.29	25	12	80
AG058A-8-Q	800	35-100	4.0-11.3	25-60	2.8-6.8	15-40	1.7-4.5	8.875	225	0.865	22	2.90	1.29	25	12	80

• Most popular model.

Air Inlet – 1/4" NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16" (8mm) I.D.

Note: The torque values shown for a given model indicate the clutch spring(s) included with the tool. Torque value in bold type indicates the standard spring equipped in the clutch.

# Screwdrivers and Nutsetters

**Torque Output: 3 to 100 in.-lbs (.34 to 11.3 Nm)**

## Ordering Information

Tools are equipped with a Quick-Change Assembly (-Q Drive Option) as standard. To order a tool equipped with a (FINDER) option, specify the following option at no extra cost:

- Standard Length Finder.**

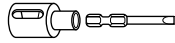
Change the “-Q” in the model number to “-F” and specify one of the FINDER KITS listed in the chart at right.

**Note:** Apex Magnetic Bit Holder (40259), and Magna Magnetic Bit Holder (36585) may be ordered separately.

**Example: AS028A-15-F with 46343-4. Order bit separately.**



Quick-Change Assembly (Q)



Standard Length Finder (F)

Finder Kit	Screw Size		Bit to Use Order Separately
	Flat head	Round head	
46343-1	1	2	F164
46343-2	2	3	F1645
46343-3	3	4	XF165
46343-4	4	5	XF166
46343-5	5	6	XF167
46343-6	6	8	XF168
46343-8	8	10	XF169
46343-10	10	12	XF1610

**Note:** Tools ordered with the **Finder Option** will not accommodate the “-Q”, option. Consult factory.



SA024C-9-Q



AS028A-15-Q



AS054C-10-Q

## Reversible In-Line Screwdrivers

Model No.	Free Speed rpm	Torque Range-Soft Draw						Tool Length in. mm		Spindle Offset in. mm		Tool Weight lbs kg		@ Free Speed Air Cons. Sound Level cfm L/s dB(A)		
		Spring		Spring		Spring										
		Brown		Green		Red										
<b>Series 20</b>																
<b>Push-to-Start</b>																
SA024C-26-Q	2,600	-	-	-	-	3-10	.34-1.1	8.25	210	0.6	15	1.20	0.5	15	7	76
SA024C-15-Q	1,500	-	-	8-20	.9-2.3	3-10	.34-1.1	8.625	219	0.6	15	1.30	0.6	15	7	76
SA024C-9-Q	900	10-30	1.1-3.4	8-20	.9-2.3	3-10	.34-1.1	8.625	219	0.6	15	1.30	0.6	15	7	76
SA024C-8-Q	800	12-40	1.4-4.5	10-26	1.1-2.9	4-13	.5-1.5	8.625	219	0.6	15	1.30	0.6	15	7	76
<b>Lever Permit</b>																
AS028A-26-Q	2,600	-	-	-	-	3-10	.34-1.1	9.062	230	0.6	15.2	1.40	0.63	15	7	73.6
AS028A-15-Q	1,500	-	-	8-20	.9-2.3	3-10	.34-1.1	9.473	240	0.6	15.2	1.50	0.68	15	7	73.6
AS028A-9-Q	900	10-30	1.1-3.4	8-20	.9-2.3	3-10	.34-1.1	9.473	240	0.6	15.2	1.50	0.68	15	7	73.6
AS028A-8-Q	800	12-40	1.4-4.5	10-26	1.1-2.9	4-13	.5-1.5	9.473	240	0.6	15.2	1.50	0.68	15	7	73.6
<b>Series 50</b>																
<b>Push-to-Start</b>																
SA054C-25-Q	2,500	-	-	-	-	15-40	1.7-4.5	9.75	248	0.865	22	2.60	1.2	25	12	80
SA054C-17-Q	1,700	-	-	25-60	2.8-6.8	15-40	1.7-4.5	10.25	260	0.865	22	2.80	1.3	25	12	80
SA054C-10-Q	1,000	35-80	4.0-9.0	25-60	2.8-6.8	15-40	1.7-4.5	10.25	260	0.865	22	2.80	1.3	25	12	80
SA054C-8-Q	800	35-100	4.0-11.3	25-60	2.8-6.8	15-40	1.7-4.5	10.25	260	0.865	22	2.80	1.3	25	12	80
<b>Lever Permit</b>																
AS058A-25-Q	2,500	-	-	-	-	15-40	1.7-4.5	10.437	265	0.865	22	2.80	1.26	25	12	75.8
AS058A-17-Q	1,700	-	-	25-60	2.8-6.8	15-40	1.7-4.5	10.937	278	0.865	22	3.00	1.36	25	12	75.8
AS058A-10-Q	1,000	35-80	4.0-9.0	25-60	2.8-6.8	15-40	1.7-4.5	10.937	278	0.865	22	3.00	1.36	25	12	75.8
AS058A-8-Q	800	35-100	4.0-11.3	25-60	2.8-6.8	15-40	1.7-4.5	10.937	278	0.865	22	3.00	1.36	25	12	75.8

• Most popular model.

Air Inlet – 1/4" NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 9/16" (8mm) I.D.

**Note:** The torque values shown for a given model indicate the clutch spring(s) included with the tool. Torque value in bold type indicates the standard spring equipped in the clutch.

# Screwdrivers and Nutsetters

**Torque Output: 3 to 130 in.-lbs (.30 to 14.7 Nm)**

## Ordering Information

Specify the Base Model Number for the tool with the desired free speed and torque range from the charts below. Add the appropriate Dash No. / Letter to indicate one of the following Drive Options:

- **1/4" Square Drive.**  
Add "-1" to the end of the base model number. Not available on Models AR058A-6H(-).
- **3/8" Square Drive.**  
Add "-2" to the end of the base model number. Not available on Models AR028A(-)L(-).
- **1/4" Female Hex Bit Holder.**  
Add "-H" to the end of the base model number.
- **Standard Length Finder.**  
Add "-F" to the end of the base model number and Not available on Models AR028A(-)L(-).

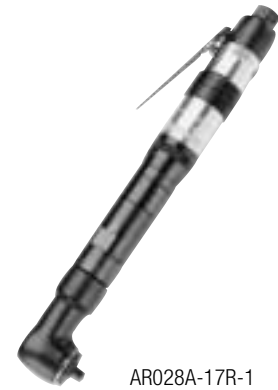
**Example: AR028A-48L-1**

### Right Angle Heads available:

- "L" – Light Duty (aircraft head)
- "R" – Regular Duty
- "H" – Heavy Duty



AR028A-14L-H



AR028A-17R-1



AR058A-16R-2



AR058A-16R-1

## Reversible Right Angle Screwdrivers and Nutsetters

Model No.	Free Speed rpm	Torque Range-Soft Draw						Tool Length		Spindle Offset		Tool Weight		@ Free Speed		
		Spring		Spring		Spring		in.	mm	in.	mm	lbs	kg	Air Consp.	Sound Level	
		in.-lbs	Nm	in.-lbs	Nm	in.-lbs	Nm							cfm	L/s	dB(A)
<b>Series 20</b>		<b>Brown</b>		<b>Green</b>		<b>Red</b>										
<b>Lever Throttle</b>																
AR028A-48L(-)	4,800	-	-	-	-	3-7	.30-.80	12.9	328	0.33	8.3	2.20	1.0	15	7	76
AR028A-25L(-)	2,500	-	-	-	-	5-10	.60-1.1	12.9	328	0.33	8.3	2.20	1.0	15	7	76
AR028A-14L(-)	1,425	-	-	8-20	.9-2.3	5-10	.60-1.1	13.3	338	0.33	8.3	2.30	1.0	15	7	76
AR028A-9L(-)	875	10-30	1.1-3.4	8-20	.9-2.3	5-10	.60-1.1	13.3	338	0.33	8.3	2.30	1.0	15	7	76
AR028A-17R(-)	1,750	-	-	-	-	7-16	.80-1.8	11.9	302	0.58	14.8	2.21	1.0	15	7	76
AR028A-10R(-)	1,000	-	-	10-26	1.1-2.9	7-16	.80-1.8	11.9	302	0.58	14.8	2.30	1.0	15	7	76
AR028A-5R(-)	500	15-40	1.7-4.5	10-26	1.1-2.9	7-16	.80-1.8	12.4	315	0.58	14.8	2.30	1.0	15	7	76
<b>Series 50</b>		<b>Yellow</b>		<b>Brown</b>		<b>Green</b>										
<b>Lever Throttle</b>																
AR058A-24R(-)	2,400	-	-	-	-	20-40	2.2-4.5	13.5	343	0.58	14.7	3.60	1.6	25	12	80
AR058A-16R(-)	1,650	-	-	-	-	25-58	2.8-6.5	13.5	343	0.58	14.7	3.60	1.6	25	12	80
AR058A-9R(-)	950	-	-	25-90	2.8-10.2	25-58	2.8-6.5	14.0	356	0.58	14.7	3.80	1.7	25	12	80
AR058A-6H(-)	600	35-130	4.0-14.7	23-81	2.6-9.2	23-52	2.6-5.9	14.2	360	0.65	16.5	4.00	1.8	25	12	80

Air Inlet – 1/4" NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16" (8mm) I.D.

Note: The torque values shown for a given model indicate the clutch spring(s) included with the tool. The torque value in bold type indicates the standard spring equipped in the clutch.

# Screwdrivers and Nutsetters

Torque Output: 4 to 100 in.-lbs (.5 to 11.3 Nm)



SG023B-15-Q



SG053B-17-Q

## Reversible Pistol Grip Screwdrivers

Model No.	Free Speed rpm	Torque Range-Soft Draw						Tool Length		Spindle Offset		Tool Weight		@ Free Speed		
		Spring in.-lbs	Spring Nm	Spring in.-lbs	Spring Nm	Spring in.-lbs	Spring Nm	in.	mm	in.	mm	lbs	kg	Air Cons. cfm	Sound Level L/s dB(A)	
<b>Series 20</b>		Blue		Yellow		-										
<b>Trigger Start</b>																
SG023B-26-Q	2,600	-	-	4-12	.5-1.4	-	-	6.6	169	.66	17	1.7	.8	15	7	76
• SG023B-15-Q	1,500	-	-	4-20	.5-2.3	-	-	7.0	178	.66	17	1.8	.8	15	7	76
• SG023B-9-Q	900	20-30	2.3-3.4	4-20	.5-2.3	-	-	7.0	178	.66	17	1.8	.8	15	7	76
<b>Series 50</b>		Gray		Blue		Yellow										
<b>Trigger Start</b>																
SG053B-25-Q	2,500	-	-	-	-	10-40	1.1-4.5	8.9	226	.80	21	2.9	1.4	25	12	78
• SG053B-17-Q	1,700	-	-	15-60	1.7-6.8	10-40	1.1-4.5	9.4	238	.80	21	3.1	1.5	25	12	78
• SG053B-10-Q	1,000	-	-	15-80	1.7-9.0	10-40	1.1-4.5	9.4	238	.80	21	3.1	1.5	25	12	78
SG053B-8-Q*	800	45-100	5.1-11.3	15-80	1.7-9.0	10-40	1.1-4.5	9.4	238	.80	21	3.1	1.5	25	12	78

• Most popular model.

Air Inlet – 1/4" NPTF

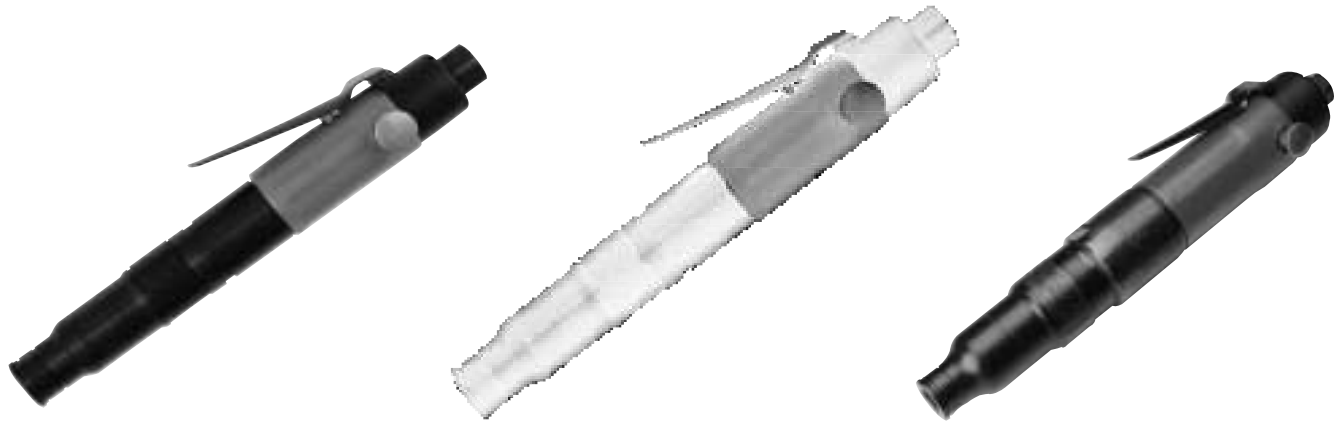
Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16" (8mm)

Note: The torque values shown for a given model indicate the clutch spring(s) included with the tool. The torque value in bold type indicates the standard spring equipped in the clutch.

# Screwdrivers and Nutsetters

**Torque Output: 4 to 100 in.-lbs (.5 to 11.3 Nm)**



SA023B-9-Q

SL023B-15-Q

SL053B-17-Q

## Reversible In-Line Screwdrivers

Model No.	Free Speed rpm	Torque Range-Soft Draw						Tool Length		Spindle Offset		Tool Weight		@ Free Speed		
		Spring		Spring		Spring										
		in.-lbs	Nm	in.-lbs	Nm	in.-lbs	Nm	in.	mm	in.	mm	lbs	kg	cfm	L/s	dB(A)
<b>Series 20</b>		<b>Blue</b>		<b>Yellow</b>		<b>-</b>										
<b>Push-to-Start</b>																
SA023B-26-Q	2,600	-	-	4-12	.5-1.4	-	-	8.2	208	.60	15	1.2	.5	15	7	76
• SA023B-15-Q	1,500	-	-	4-20	.5-2.3	-	-	8.5	217	.60	15	1.3	.6	15	7	76
• SA023B-9-Q	900	20-30	2.3-3.4	4-20	.5-2.3	-	-	8.5	217	.60	15	1.3	.6	15	7	76
<b>Lever Throttle</b>																
SL023B-26-Q	2,600	-	-	4-12	.5-1.4	-	-	8.2	208	.60	15	1.2	.5	15	7	76
• SL023B-15-Q	1,500	-	-	4-20	.5-2.3	-	-	8.5	217	.60	15	1.3	.6	15	7	76
• SL023B-9-Q	900	20-30	2.3-3.4	4-20	.5-2.3	-	-	8.5	217	.60	15	1.3	.6	15	7	76
<b>Series 50</b>		<b>Gray</b>		<b>Blue</b>		<b>Yellow</b>										
<b>Push-to-Start</b>																
SA053B-25-Q	2,500	-	-	-	-	10-40	1.1-4.5	10.4	264	.80	21	2.6	1.2	25	12	78
SA053B-17-Q	1,700	-	-	15-60	1.7-6.8	10-40	1.1-4.5	10.9	277	.80	21	2.8	1.3	25	12	78
SA053B-10-Q	1,000	-	-	15-80	1.7-9.0	10-40	1.1-4.5	10.9	277	.80	21	2.8	1.3	25	12	78
SA053B-8-Q	800	45-100	5.1-11.3	15-80	1.7-9.0	10-40	1.1-4.5	10.9	277	.80	21	2.8	1.3	25	12	78
<b>Lever Throttle</b>																
SL053B-25-Q	2,500	-	-	-	-	10-40	1.1-4.5	10.4	264	.80	21	2.9	1.4	25	12	78
• SL053B-17-Q	1,700	-	-	15-60	1.7-6.8	10-40	1.1-4.5	10.9	277	.80	21	3.1	1.5	25	12	78
• SL053B-10-Q	1,000	-	-	15-80	1.7-9.0	10-40	1.1-4.5	10.9	277	.80	21	3.1	1.5	25	12	78
• SL053B-8-Q	800	45-100	5.1-11.3	15-80	1.7-9.0	10-40	1.1-4.5	10.9	277	.80	21	3.1	1.5	25	12	78

• Most popular model.

Air Inlet – 1/4" NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16" (8mm)

Note: The torque values shown for a given model indicate the clutch spring(s) included with the tool. The torque value in bold type indicates the standard spring equipped in the clutch.

# Screwdrivers and Nutsetters

**Torque Output: 2 to 135 in.-lbs (.2 to 15.3 Nm)**

## Ordering Information

### Right Angle Nutsetters –

Specify the Base Model Number of the desired tool and add either a “-1” for a 1/4” Square Drive or “-2” for a 3/8” Square Drive. “-1” Not available on Series 50 R/A Nutsetters

### Right Angle Screwdrivers –

Specify the Base Model Number of the desired tool and add the appropriate Dash No. / Letter to indicate one of the following Drive Options.

- **1/4” Square Drive Assembly.**  
Add “-1” to the end of the base model number. “-1” Not available on Series 50 R/A Screwdrivers
- **1/4” Female Hex Bit Holder.**  
Add “-H” to the end of the base model number.
- **Standard Length Finder.**  
Add “-F” to the end of the base model number and specify one of the Finder Kits listed in the chart at right.  
Note: Finder option is not available on SR023B-( )L-( ).

**Example: SR023B-25L-H**

### Right Angle Heads available:

- “L” – Light Duty (aircraft head)
- “R” – Regular Duty
- “H” – Heavy Duty

Finder Kit	Screw Size		Bit to Use Order Separately
	Flat head	Round head	
46343-1	1	2	F164
46343-2	2	3	F1645
46343-3	3	4	XF165
46343-4	4	5	XF166
46343-5	5	6	XF167
46343-6	6	8	XF168
46343-8	8	10	XF169
46343-10	10	12	XF1610

Note: Tools ordered with the **Finder Option** will not accommodate the “-Q”, options. Consult factory.



SR023B-17R-I



SR053B-16R-H

## Reversible Right Angle Screwdrivers

Model No.	Free Speed rpm	Torque Range-Soft Draw						Tool Length		Spindle Offset		Tool Weight		@ Free Speed		
		Spring in.-lbs	Spring Nm	Spring in.-lbs	Spring Nm	Spring in.-lbs	Spring Nm	in.	mm	in.	mm	lbs	kg	Air Consp. cfm	Sound Level L/s dB(A)	
<b>Series 20</b>		<b>Gray</b>		<b>Blue</b>		<b>Yellow</b>										
SR023B-48L-( )	4,800	-	-	-	-	2-5	.2-.6	12.9	328	0.33	8.3	2.1	0.95	15	7	76
SR023B-25L-( )	2,500	-	-	-	-	4-10	.4-1.1	12.9	328	0.33	8.3	2.1	0.95	15	7	76
SR023B-14L-( )	1,000	-	-	-	-	4-17	.4-1.9	13.3	338	0.33	8.3	2.2	1.00	15	7	76
SR023B-9L-( )	900	-	-	-	-	6-23	.7-2.6	13.3	338	0.33	8.3	2.2	1.00	15	7	76
SR023B-17R-( )	1,750	-	-	-	-	7-16	.8-1.8	11.9	302	0.58	14.8	2.2	1.00	15	7	76
SR023B-10R-( )	1,000	-	-	-	-	10-26	1.1-2.9	11.9	302	0.58	14.8	2.3	1.00	15	7	76
SR023B-5R-( )	500	-	-	25-40	2.8-4.5	10-26	1.1-2.9	12.4	315	0.58	14.8	2.3	1.00	15	7	76
<b>Series 50</b>																
SR053B-16R-( )	1,650	-	-	-	-	25-58	2.8-6.5	13.5	343	0.58	14.7	3.6	1.60	25	12	80
SR053B-9R-( )	950	-	-	25-90	2.8-10.2	25-58	2.8-6.5	14.0	356	0.58	14.7	3.8	1.70	25	12	80
SR053B-11H-( )	1,150	-	-	20-70	2.2-7.9	-	-	14.2	360	0.65	16.5	4.0	1.80	25	12	80
SR053B-8H-( )	800	-	-	25-100	2.8-11.3	-	-	14.2	360	0.65	16.5	4.0	1.80	25	12	80
SR053B-6H-( )	500	40-135	4.5-15.3	25-100	2.8-11.3	-	-	14.2	360	0.65	16.5	4.0	1.80	25	12	80

Air Inlet – 1/4” NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16” (8mm)

Note: The torque values shown for a given model indicate the clutch spring(s) included with the tool. The torque value in bold type indicates the standard spring equipped in the clutch.

# Screwdrivers and Nutsetters

**Torque Output: 2 to 135 in.-lbs (.2 to 15.3 Nm)**



NR023B-10R-1



NR053B-9R-2

## Reversible Right Angle Nutsetters

Model No.	Free Speed rpm	Torque Range-Soft Draw						Tool Length		Spindle Offset		Tool Weight		@ Free Speed		
		Spring		Spring		Spring		in.	mm	in.	mm	lbs	kg	Air Consp.	Sound Level	
		in.-lbs	Nm	in.-lbs	Nm	in.-lbs	Nm							cfm	L/s	dB(A)
<b>Series 20</b>		Gray		Blue		Yellow										
NR023B-17R-()	1,750	-	-	-	-	7-16	.8-1.8	11.9	302	0.58	14.8	2.2	1.00	15	7	76
NR023B-10R-()	1,000	-	-	-	-	10-26	1.1-2.9	11.9	302	0.38	14.8	2.3	1.00	15	7	76
NR023B-5R-()	500	-	-	25-40	2.8-4.5	10-26	1.1-2.9	12.4	315	0.58	14.8	2.3	1.00	15	7	76
<b>Series 50</b>																
NR053B-16R-()	1,650	-	-	-	-	25-58	2.8-6.5	13.5	343	0.58	14.7	3.6	1.60	25	12	80
NR053B-9R-()	950	-	-	25-90	2.8-10.2	25-58	2.8-6.5	14.0	356	0.58	14.7	3.8	1.70	25	12	80
NR053B-11H-()	1,150	-	-	20-70	2.2-7.9	-	-	14.2	360	0.65	16.5	4.0	1.80	25	12	80
NR053B-8H-()	800	-	-	25-100	2.8-11.3	-	-	14.2	360	0.65	16.5	4.0	1.80	25	12	80
NR053B-6H-()	500	40-135	4.5-15.3	25-100	2.8-11.3	-	-	14.2	360	0.65	16.5	4.0	1.80	25	12	80

Air Inlet – 1/4" NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16" (8mm)

Note: The torque values shown for a given model indicate the clutch spring(s) included with the tool. The torque value in bold type indicates the standard spring equipped in the clutch.

# Screwdrivers and Nutsetters

Torque Output: 12 to 120 in.-lbs (1.4 to 13.6 Nm)



SG022B-15-Q



SG052B-17-Q

## Reversible Pistol Grip Screwdrivers

Model No. with Angle Jaws	Model No. with 90° Jaws	Free Speed rpm	Stall <sup>1</sup> Torque		Tool Length		Spindle Offset		Tool Weight		© Free Speed		
			in.-lbs	Nm	in.	mm	in.	mm	lbs	kg	Air Consp. cfm	L/s	Sound Level dB(A)
<b>Series 20</b>													
SG022B-26-Q	SG029B-26-Q	2,600	12	1.4	5.1	131	.66	17	1.5	.7	15	7	76
• SG022B-15-Q	SG029B-15-Q	1,500	25	2.8	5.5	140	.66	17	1.6	.7	15	7	76
• SG022B-9-Q	SG029B-9-Q	900	38	4.3	5.5	140	.66	17	1.6	.7	15	7	76
<b>Series 50</b>													
• SG052B-25-Q	SG059B-25-Q	2,500	45	4.0	7.2	182	.8	21	2.4	1.1	25	12	78
• SG052B-17-Q	SG059B-17-Q	1,700	65	7.3	7.6	194	.8	21	2.6	1.2	25	12	78
• SG052B-10-Q	SG059B-10-Q	1,000	90	10.2	7.6	194	.8	21	2.6	1.2	25	12	78
SG052B-8-Q	SG059B-8-Q	800	120	13.6	7.6	194	.8	21	2.6	1.2	25	12	78

• Most popular model.

Air Inlet – 1/4" NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16" (8mm)

(1) Operator technique controls final torque input on models with angle clutch jaws.

# Screwdrivers and Nutsetters

**Torque Output: 12 to 120 in.-lbs (1.4 to 13.6 Nm)**



SL022B-9-Q



SL052B-10-Q

### Reversible In-Line Screwdrivers

Model No. with Angle Jaws	Model No. with 90° Jaws	Free Speed rpm	Stall <sup>1</sup> Torque		Tool Length		Spindle Offset		Tool Weight		@ Free Speed		
			in.-lbs	Nm	in.	mm	in.	mm	lbs	kg	Air Cons. cfm	L/s	Sound Level dB(A)
<b>Series 20</b>													
SL022B-26-Q	SL029B-26-Q	2,600	12	1.4	6.7	169	.6	15	1.0	.5	15	7	76
SL022B-15-Q	SL029B-15-Q	1,500	25	2.8	7.0	178	.6	15	1.1	.5	15	7	76
SL022B-9-Q	SL029B-9-Q	900	38	4.3	7.0	178	.6	15	1.1	.5	15	7	76
<b>Series 50</b>													
SL052B-25-Q	SL059B-25-Q	2,500	45	4.0	8.6	219	.8	21	2.4	1.1	25	12	78
SL052B-17-Q	SL059B-17-Q	1,700	65	7.3	9.1	232	.8	21	2.6	1.2	25	12	78
SL052B-10-Q	SL059B-10-Q	1,000	90	10.2	9.1	232	.8	21	2.6	1.2	25	12	78
SL052B-8-Q	SL059B-8-Q	800	120	13.6	9.1	232	.8	21	2.6	1.2	25	12	78

Air Inlet – 1/4" NPTF  
 Recommended Air Pressure – 90 PSI (6.2 bar)  
 Recommended Hose Size – 5/16" (8mm)  
 (1) Operator technique controls final torque input on models with angle clutch jaws.

### More Power... Lower Maintenance Cost

- Positive clutch design transfers more power to the screw head.
- Front and rear clutch jaws are interchangeable, low-cost parts.



7672-A18

### Reversible Woodworking Screwdriver

Model No.	Free Speed rpm	Stall Torque		Tool Length		Spindle Offset		Tool Weight		Bit Holder Hex	Air Inlet NPT	Air Cons. @ Free Speed
		in.-ft	Nm	in.	mm	in.	mm	lbs	kg	in.	in.	cfm
7672-A18	1,800	6.2	8.4	6.6	169	0.86	22	2.6	1.2	1/4	1/4	27

• Most popular model.  
 Air Inlet – 1/4" NPTF  
 Recommended Air Pressure – 90 PSI (6.2 bar)  
 Recommended Hose Size – 5/16" (8mm)

## Direct Drive Tools

# Screwdrivers and Nutsetters

### Torque Output: 12 to 120 in.-lbs (1.4 to 13.6 Nm)

Tools are equipped with a Quick-Change Assembly (-Q Drive Option) as standard. To order a tool equipped with a (FINDER) option, specify the following option at no extra cost:

- **Standard Length Finder.**

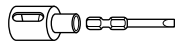
Change the "-Q" in the model number to "-F" and specify one of the FINDER KITS listed in the chart at right.

**Note:** Apex Magnetic Bit Holder (40259), and Magna Magnetic Bit Holder (36585) may be ordered separately.

**Example:** SG021B-15-F with 46343-4. Order bit separately.



Quick-Change Assembly (Q)



Standard Length Finder (F)

Finder Kit	Screw Size		Bit to Use Order Separately
	Flat head	Round head	
46343-1	1	2	F164
46343-2	2	3	F1645
46343-3	3	4	XF165
46343-4	4	5	XF166
46343-5	5	6	XF167
46343-6	6	8	XF168
46343-8	8	10	XF169
46343-10	10	12	XF1610

**Note:** Tools ordered with the **Finder Option** will not accommodate the "-Q", options. Consult factory.

### Reversible Pistol Grip Screwdrivers

Model No.	Free Speed rpm	Stall Torque		Tool Length		Spindle Offset		Tool Weight		@ Free Speed		
		in.-lbs	Nm	in.	mm	in.	mm	lbs	kg	Air Consp. cfm	L/s	Sound Level dB(A)
<b>Series 20</b>												
• SG021B-26-Q	2,600	12	1.4	4.6	118	.66	17	1.3	.6	15	7	76
• SG021B-15-Q	1,500	25	2.8	5.0	128	.66	17	1.4	.6	15	7	76
• SG021B-9-Q	900	38	4.3	5.0	128	.66	17	1.4	.6	15	7	76
<b>Series 50</b>												
• SG051B-25-Q	2,500	45	4.0	6.9	175	.8	21	2.2	1.0	25	12	78
• SG051B-17-Q	1,700	65	7.3	7.4	187	.8	21	2.4	1.1	25	12	78
• SG051B-10-Q	1,000	90	10.2	7.4	187	.8	21	2.4	1.1	25	12	78
• SG051B-8-Q	800	120	13.6	7.4	187	.8	21	2.4	1.1	25	12	78

• Most popular model.

Air Inlet – 1/4" NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16" (8mm)



SG021B-26-Q



SG051B-17-Q



SL021B-15-Q



SL051B-17-Q

### Reversible In-Line Screwdrivers

Model No.	Free Speed rpm	Stall Torque		Tool Length		Spindle Offset		Tool Weight		@ Free Speed		
		in.-lbs	Nm	in.	mm	in.	mm	lbs	kg	Air Consp. cfm	L/s	Sound Level dB(A)
<b>Series 20</b>												
• SL021B-26-Q	2,600	12	1.4	6.2	157	.6	15	.9	.4	15	7	76
• SL021B-15-Q	1,500	25	2.8	6.5	167	.6	15	1.0	.5	15	7	76
• SL021B-9-Q	900	38	4.3	6.5	167	.6	15	1.0	.5	15	7	76
<b>Series 50</b>												
• SL051B-25-Q	2,500	45	4.0	8.1	206	.8	21	2.2	1.0	25	12	78
• SL051B-17-Q	1,700	65	7.3	8.9	225	.8	21	2.4	1.1	25	12	78
• SL051B-10-Q	1,000	90	10.2	8.9	225	.8	21	2.4	1.1	25	12	78
• SL051B-8-Q	800	120	13.6	8.9	225	.8	21	2.4	1.1	25	12	78

• Most popular model.

Air Inlet – 1/4" NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16" (8mm)

# Screwdrivers and Nutsetters

**Torque Output: 5.5 to 150 in.-lbs (.6 to 17 Nm)**

## Ordering Information

### Right Angle Nutsetters –

Specify the Base Model Number of the desired tool and add either a “-1” for a 1/4” Square Drive or “-2” for a 3/8” Square Drive.

“-1” not available on SR021B-5R and Series 50 R/A Nutsetters.

### Right Angle Screwdrivers –

Specify the Base Model Number of the desired tool and add the appropriate Dash No. / Letter to indicate one of the following Drive Options.

“-1” Not available on SR021B-5R and Series 50 R/A Screwdrivers

- **1/4” Square Drive Assembly.**

Add “-1” to the end of the base model number.

- **1/4” Female Hex Bit Holder.**

Add “-H” to the end of the base model number.

- **Standard Length Finder.**

Add “-F” to the end of the base model number and specify one of the Finder Kits listed in the chart on page 20.

Note: Finder option is not available on SR021B-( )L-( ).

**Example: SR021B-25L-H**

### Right Angle Heads available:

“L” – Light Duty (aircraft head)<sup>1</sup>

“R” – Regular Duty

“H” – Heavy Duty

(1) Square drive not available



SR021B-25L-H



SR051B-24R-H

## Reversible Right-Angle Screwdrivers

Model No.	Free Speed rpm	Stall Torque		Tool Length		Spindle Offset		Tool Weight		@ Free Speed		
		in.-lbs	Nm	in.	mm	in.	mm	lbs	kg	Air Consp. cfm	L/s	Sound Level dB(A)
<b>Series 20</b>												
SR021B-48L-( )	4,800	5.5	.6	10.3	262	0.33	8.3	1.50	0.70	15	7	76
SR021B-25L-( )	2,500	11	1.2	10.3	262	0.33	8.3	1.50	0.70	15	7	76
SR021B-14L-( )	1,400	18	2.0	10.7	272	0.33	8.3	1.60	0.75	15	7	76
SR021B-33R-( )	3,300	8	.9	9.5	241	0.58	14.8	1.65	0.75	15	7	76
SR021B-17R-( )	1,750	17	1.9	9.5	241	0.58	14.8	1.65	0.75	15	7	76
SR021B-10R-( )	1,000	27	3.0	9.9	252	0.58	14.8	1.75	0.80	15	7	76
SR021B-5R-( )	500	53	6.0	9.9	252	0.58	14.8	1.75	0.80	15	7	76
<b>Series 50</b>												
SR051B-24R-( )	2,400	41	4.6	10.7	272	0.58	14.7	2.60	1.20	25	12	80
SR051B-16R-( )	1,600	62	7.0	10.7	272	0.58	14.7	2.60	1.20	25	12	80
SR051B-11H-( )	1,150	80	9.0	11.3	287	0.65	16.5	3.00	1.40	25	12	80
SR051B-8H-( )	800	120	13.5	11.3	287	0.65	16.5	3.00	1.40	25	12	80
SR051B-6H-( )	600	150	17.0	11.3	287	0.65	16.5	3.00	1.40	25	12	80

Air Inlet – 1/4” NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16” (8mm)

# Screwdrivers and Nutsetters

**Torque Output: 5.5 to 150 in.-lbs (.6 to 17 Nm)**

## Ordering Information

### Right Angle Nutsetters –

Specify the Base Model Number of the desired tool and add either a “-1” for a 1/4” Square Drive or “-2” for a 3/8” Square Drive.

“-1” Not available on NR021B-5R and Series 50 R/A Nutsetters

### Right Angle Screwdrivers –

Specify the Base Model Number of the desired tool and add the appropriate Dash No. / Letter to indicate one of the following Drive Options.

- **1/4” Square Drive Assembly.**  
Add “-1” to the end of the base model number.  
“-1” Not available on NR021B-5R and Series 50 R/A Screwdrivers
- **1/4” Female Hex Bit Holder.**  
Add “-H” to the end of the base model number.
- **Standard Length Finder.**  
Add “-F” to the end of the base model number and specify one of the Finder Kits listed in the chart on page 20.

**Example: NR021B-10R-1**

### Right Angle Heads available:

“R” – Regular Duty

“H” – Heavy Duty



NR021B-33R-1



NR051B-16R-2

## Reversible Right-Angle Nutsetters

Model No.	Free Speed rpm	Stall Torque in.-lbs	Nm	Tool Length		Spindle Offset		Tool Weight		@ Free Speed		
				in.	mm	in.	mm	lbs	kg	Air Consp. cfm	Sound Level L/s	dB(A)
<b>Series 20</b>												
NR021B-33R-()	3,300	8	.9	9.5	241	0.58	14.8	1.78	0.81	15	7	76
NR021B-17R-()	1,750	17	1.9	9.5	241	0.58	14.8	1.78	0.81	15	7	76
NR021B-10R-()	1,000	27	3.0	9.9	252	0.38	14.8	1.90	0.86	15	7	76
NR021B-5R-()	500	53	6.0	9.9	252	0.38	14.8	1.90	0.86	15	7	76
<b>Series 50</b>												
NR051B-24R-()	2,400	41	4.6	10.7	272	0.58	14.7	2.65	1.20	25	12	80
NR051B-16R-()	1,600	62	7.0	10.7	272	0.58	14.7	2.65	1.20	25	12	80
NR051B-11H-()	1,150	80	9.0	14.2	360	0.65	16.5	4.00	1.80	25	12	80
NR051B-8H-()	800	120	13.5	14.2	360	0.65	16.5	4.00	1.80	25	12	80
NR051B-6H-()	600	150	17.0	14.2	360	0.65	16.5	4.00	1.80	25	12	80

Air Inlet – 1/4” NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16” (8mm)

# Screwdrivers and Nutsetters

**Torque Output: 17 to 62 in.-lbs (1.9 to 7.0 Nm)**

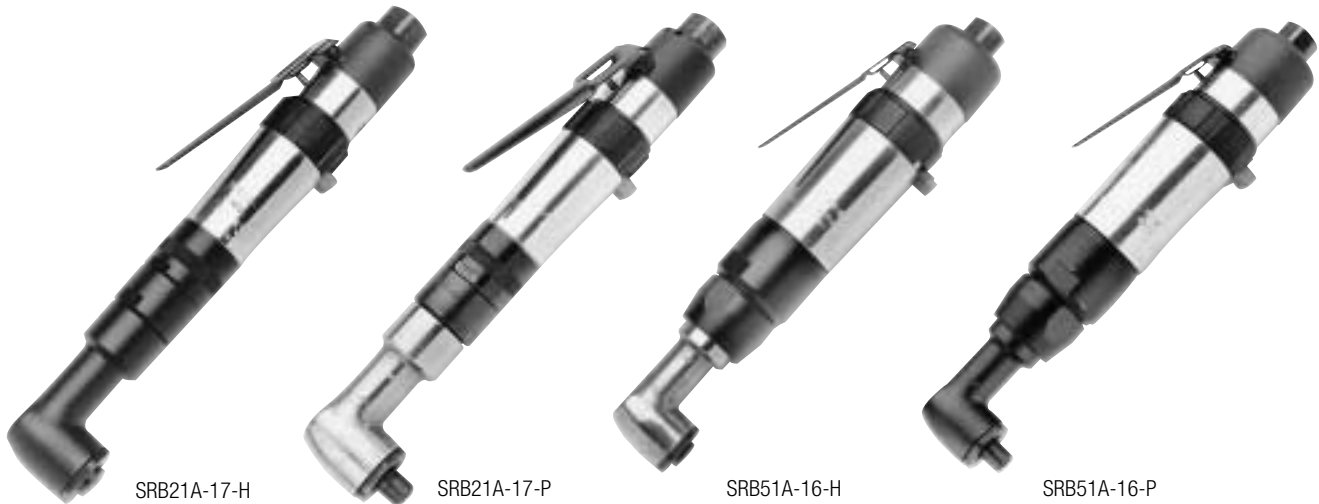
## Series 20 / 50 Reversible Right-Angle Screwdrivers

1000 to 1750 RPM

The SRB models are the latest additions to the extensive line of ARO assembly tools. They combine the convenience of pushbutton reverse control with the superior performance standards established by the ARO Series 20 and 50 tools. All six models are right angle, direct drive configurations, with torque output determined by the stall torque of the motor at a given air pressure. The SRB models are perfect for light assembly applications involving limited access spaces in furniture and sheet metal production. Simple functional design and top quality production help insure long service life.

Contact your local ARO distributor or representative for complete details.

- Pushbutton reverse for one-handed operation.
- Direct drive, 1000 – 1750 RPM range.
- 17 – 62 in.lbs. torque range.
- (-H models utilize insert bit spindles)
- (-P models utilize power bit spindles)



### SRB Reversible Right-Angle Screwdrivers

Model No.	Free Speed rpm	Stall Torque		Tool Weight		Spindle Offset		Tool Length		Angle Height		@ Free Speed		Sound Level dB(A)
		in.-lbs	Nm	lbs	kg	in.	mm	in.	mm	in.	mm	Air Consp. cfm	L/s	
<b>Series 20</b>														
SRB21A-10-H	1,000	30	3.4	1.8	0.8	.54	13.7	9.77	248	1.46	37	15	7	74
SRB21A-10-P	1,000	30	3.4	1.8	0.8	.54	13.7	9.77	248	1.80	46	15	7	74
SRB21A-17-H	1,750	17	1.9	1.7	0.8	.54	13.7	9.47	240	1.46	37	15	7	74
SRB21A-17-P	1,750	17	1.9	1.7	0.8	.54	13.7	9.47	240	1.80	46	15	7	74
<b>Series 50</b>														
SRB51A-16-H	1,600	62	7.0	2.8	1.3	.54	13.7	10.77	274	1.46	37	25	12	76
SRB51A-16-P	1,600	62	7.0	2.8	1.3	.54	13.7	10.77	274	1.80	46	25	12	76

Air Inlet – 1/4" NPTF

Recommended Air Pressure – 90 PSI (6.2 bar)

Recommended Hose Size – 5/16" (8mm)

# Screwdrivers and Nutsetters

**Torque Output: 2 to 24 ft-lbs (3.0 to 33 Nm)**

## Series 50 Right-Angle Nutsetter

400 to 2,400 RPM

- Complete selection of speeds, torque outputs, and drive spindles in both shutoff and stall models ensures the most efficient, cost-effective tool for the fastening application.
- Torque control shutoff models deliver precise, consistent torque output and effectively minimize reaction torque transmitted to the operator.
- Small angle head height enables easy access to tight areas, reducing assembly time and minimizing costly dedicated tooling.
- Protective vinyl boot on the angle housing helps prevent marring the product's finish during assembly.
- Lightweight construction and compact size make for easy handling and control over extended periods of time.
- Superior angle bevel gears give excellent service life.
- Full-circle positioning of the angle head relative to the throttle allows a tool to be set up for a specific fastener location.

Tool Free Speed	Sq. Drives (Dash No.)	
	3/8" (-2)	1/2" (-3)
400	•	•
600	•	•
800	•	•
1,000	•	•
1,600	•	-
2,400	•	-

• Indicates the speeds on which a particular option is available.



NA051A-10-2



NA054A-16-2

## Series 50 Right-Angle Nutsetters

Model No.	Free Speed rpm	Stall Torque				Tool Length		Angle Height		Spindle Offset		Tool Weight		@ Free Speed		
		@ 50 PSI ft-lbs	@ 90 PSI Nm	@ 50 PSI ft-lbs	@ 90 PSI Nm	in.	mm	in.	mm	in.	mm	lbs	kg	Air Consp. cfm	Sound Level L/s dB(A)	
<b>Reversible Stall</b>																
NA051A-24-(-)	2,400	2.4	3.2	3.8	5.2	10.2	259	1.4	36	.56	14	2.8	1.3	25	12	80
NA051A-16-(-)	1,600	3.5	4.7	7.0	11.0	10.2	259	1.4	36	.56	14	2.8	1.3	25	12	80
NA051A-10-(-)	1,000	6.0	9.0	11.0	15.0	10.7	272	1.4	36	.64	16	3.1	1.4	25	12	80
NA051A-8-(-)	800	8.0	11.0	13.0	18.0	10.8	274	1.7	43	.64	16	3.3	1.5	25	12	80
NA051A-6-(-)	600	10.0	14.0	16.0	22.0	10.8	274	1.7	43	.64	16	3.3	1.5	25	12	80
NA051A-4-(-)	400	14.0	19.0	24.0	33.0	10.8	274	1.7	43	.64	16	3.3	1.5	25	12	80
<b>Reversible Auto Shut-Off</b>																
NA054A-24-(-)	2,400	2.0	3.0	3.2	4.0	12.3	312	1.4	36	.56	14	3.5	1.6	25	12	80
NA054A-16-(-)	1,600	3.0	4.0	5.5	7.5	12.3	312	1.4	36	.56	14	3.5	1.6	25	12	80
NA054A-10-(-)	1,000	5.0	7.0	9.0	12.0	12.8	325	1.4	36	.64	16	3.7	1.7	25	12	80
NA054A-8-(-)	800	7.0	9.5	11.0	15.0	12.9	328	1.7	43	.64	16	3.9	1.8	25	12	80
NA054A-6-(-)	600	8.0	11.0	13.0	18.0	12.9	328	1.7	43	.64	16	3.9	1.8	25	12	80
NA054A-4-(-)	400	11.0	15.0	21.0	28.0	12.9	328	1.7	43	.64	16	3.9	1.8	25	12	80

Air Inlet – 1/4" NPTF  
 Recommended Air Pressure – 90 PSI (6.2 bar)  
 Recommended Hose Size – 5/16" (8mm)  
 Refer to chart at top right for square drive options.

# Production Nutsetters

## Screwdrivers and Nutsetters

**Torque Output: 18 to 90 in.-lbs (2.0 to 10.2 Nm)**

### Flat-Angle Nutsetter

**1,600 RPM / .2 HP (.1 kW)**

- Designed for limited access, light-assembly applications, including major appliances, sheet metal, and steel furniture manufacturing.
- Angle rotates 360° for ease of operation.

**850 & 1450 RPM / .33 HP (.2 kW)**

- Designed for limited access, light-assembly applications, including major appliances, sheet metal, and steel furniture manufacturing.
- Angle rotates 360° for ease of operation.

### Standard Equipment

- Suspension Bail
- Hex (female) Socket Spindle



### Flat-Angle Nutsetters

Model No.	Free Speed rpm	Clutch Type	Hex Drive Size (Female) in.	Stall Torque		Tool Length		Angle Height		Spindle Offset		Tool Weight		@ Free Speed		Std. Spindle Part No.	
				in.-lbs	Nm	in.	mm	in.	mm	in.	mm	lbs	kg	Air Consp. cfm	Sound Level L/s dB(A)		
7509-E	1600	Direct Drive	3/8	18	2.0	10.3	262	.7	18	.5	13	2.6	1.2	16	7	85	33532-5
7456-D	1450	Direct Drive	3/8	54	6.1	11.0	279	.7	18	.5	13	2.9	1.3	23	11	87	33532-5
7453-D	850	Direct Drive	3/8	90	10.2	12.3	312	.7	18	.5	13	3.4	1.5	23	11	87	33532-5

Air Inlet – 1/4" NPTF  
 Recommended Air Pressure – 90 PSI (6.2 bar)  
 Recommended Hose Size – 5/16" (8mm)

### No Cost Options (Order "With" Option)

For Models	Part No.	Description	See Page	Substitute for standard
All	–	Hex (Female) Socket Spindle	See Below	Socket Spindle
All	33542	1/4" SQ. Drive Adapter	–	–

### Extra Cost Accessories

For Models	Part No.	Description
7456	44360-(-)	Piped Exhaust Assembly
7453	44360-(-)	Piped Exhaust Assembly

### Hex (Female) Socket Spindles

Spindle Part No.	Hex Size in.	Spindle Part No.	Hex Size in.	Spindle Part No.	Hex Size in.
33532-1	1/4	33532-5 <sup>1</sup>	3/8	33532-9	1/2
33532-2	9/32	33532-6	13/32	33532-10	17/32
33532-3	5/16	33532-7	7/16	33532-11	9/16
33532-4	11/32	33532-8	15/32	-	-

(1) Standard

# SE Series Screwdrivers

The SE Series Screwdriver is the latest expression of the ARO design philosophy - creating products that truly reflect the needs of their users.

This versatile DC electric screwdriver combines industry-leading torque accuracy and repeatability with unmatched flexibility and serviceability for light duty, precision assembly applications. At the same time, it sets new standards for ergonomics and operator comfort.



The SE Series Screwdriver's unique appearance immediately signals its difference from anything else in its class. The egg-shaped oval grip fits the hand. The soft touch grip surface feels good and maintains a comfortable temperature. All controls are positioned for easy use by right or left-handed operators.

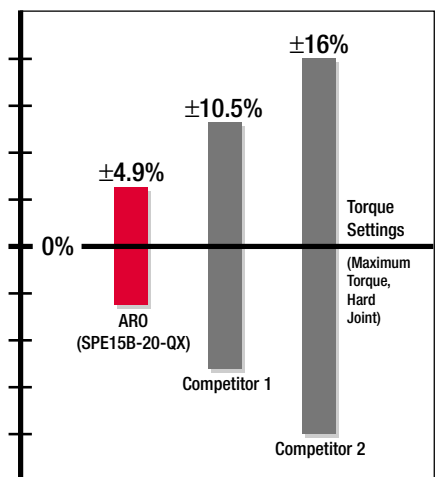
It delivers exceptional performance at lower sound levels while consuming less power than competitive models (see tables below). It also provides the bottom line benefit of low cost of ownership through flexibility, durability, and reliability.

Throughout the development of the SE Series Screwdriver, assembly experts conducted research in varied industries around the world. We took dozens of attributes into account. The tool had to be accurate and easy to maintain. It had to adapt to a host of applications — from installing a hinge on a microwave door to fastening microchips inside a computer.

We went to the assembly lines and talked to workers, engineers, and managers. We listened to their complaints and suggestions. We considered their hands-on experience and their sound ideas.

The SE Series Screwdriver is the answer to their input. In all of its external and internal detail, it represents substance over mere cosmetics. It is the next step for precision assembly applications in performance, ergonomics, and versatility.

## Torque Accuracy



Accuracy may vary depending on model and application.

# DC Electric Screwdrivers

## SE Series Screwdrivers

The SE Series Screwdriver is the Best-In-Class hand-held corded electric screwdriver in the .3 to 40 in.-lbs. category. It incorporates more than a dozen innovative features, and is available in two basic types: high torque and low torque.

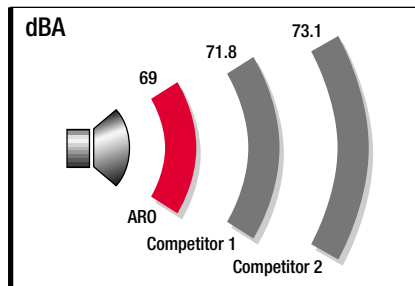
### High Torque

The transformerless 115V version is for tasks which require higher torque. This version can be outfitted in three configurations: straight, pistol, and angle - with activation by push-to-start, lever, or trigger. These options, plus accessories for suspending the tool in various positions, provide a solution to virtually every light-assembly application.

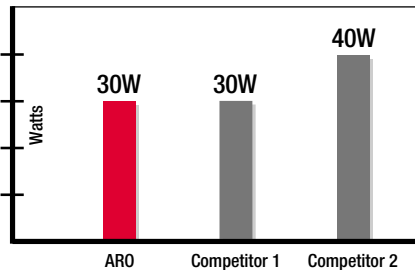
### Low Torque with Controller

The 24V version is intended for tasks in which low torque output and speed control are required. The controller serves to activate special features, including soft-start, which allows for the proper positioning of the smallest screws; and run-down speed, which provides application adjustment without changing tools.

### Noise Level



### Power Consumption



## Three Different Configurations

### Straight

The basic platform of the SE Series Screwdriver, the straight tool, varies in size according to high or low torque versions. It can be configured in dozens of ways through attachments, accessories and adjustments.

### Angle Head (High Torque)

Used with lever models, this configuration allows the SE Series Screwdriver to be exceptionally maneuverable in tight spaces. It is available in three versions: 1/4" female hex drive; 1/4" male hex drive; and with a 1/4" male hex aerospace industry-type head.

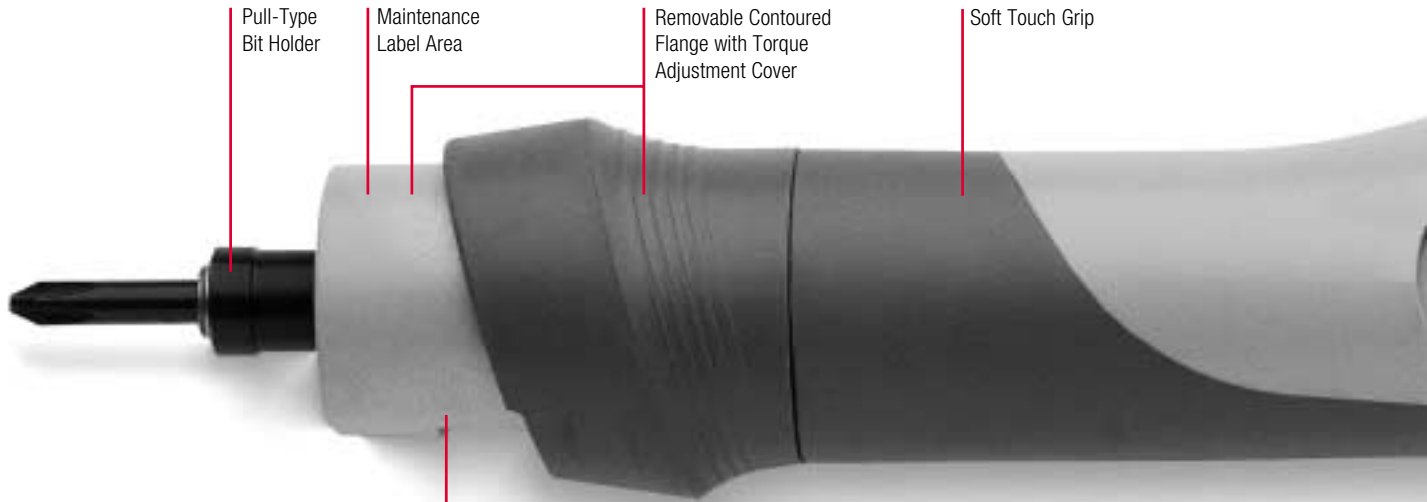
### Pistol Grip (High Torque)

The pistol grip can be attached to the lever or push-to-start models, readying the tool instantly for tasks in which a gripping action is required. The pistol attachment has a soft touch surface with a two-finger trigger to evenly distribute grip forces.

DC Electric Screwdrivers  
**SE Series Screwdrivers**

**External Features**

The SE Series Screwdriver represents major advances in design, engineering, and construction...all intended to deliver accuracy, sound ergonomics, and versatility. All versions are based on a common platform as shown below, with supplemental components to address specific needs. A complete assembly line can be outfitted without requiring a huge inventory of spares and variations.



Torque Readout Window



Two-Finger Lever

**Torque Adjusting Tool (Optional)**

Used for torque adjustments without removing the adjustment cover. Perfect for on-the-line torque adjustments by authorized personnel.

**Torque Readout Window**

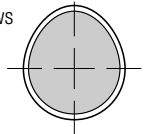
This convenient feature provides instant confirmation of torque output setting.

**Removable Contoured Flange with Torque Adjustment Cover**

The contoured, slanted flange follows the shape of the user's hand and doubles as a torque adjustment cover. It solves the problem of unauthorized torque setting changes. With the SE Series Screwdriver, only a technician using a special tool can reset the torque from the exterior. Yet the cover itself is removable, a convenience when it comes to repair or for torque adjustment by hand.

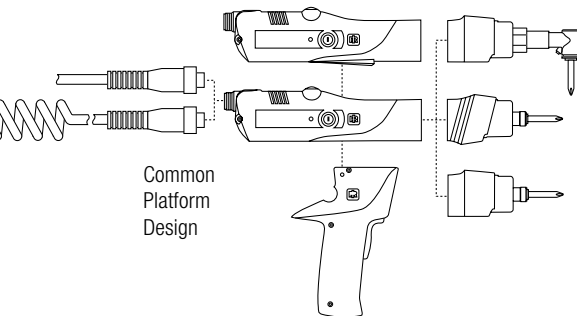
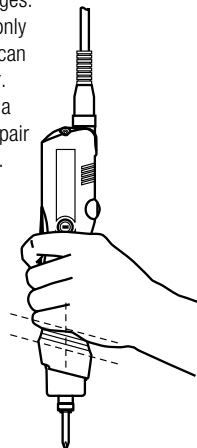
**Soft Touch Grip**

The unique, egg-shaped grip allows users to hold the tool comfortably without excess force. Engineered to fit almost every hand size, the grip is made from a composite material that provides a soft texture and maintains a relatively constant temperature for comfort and control throughout a shift.



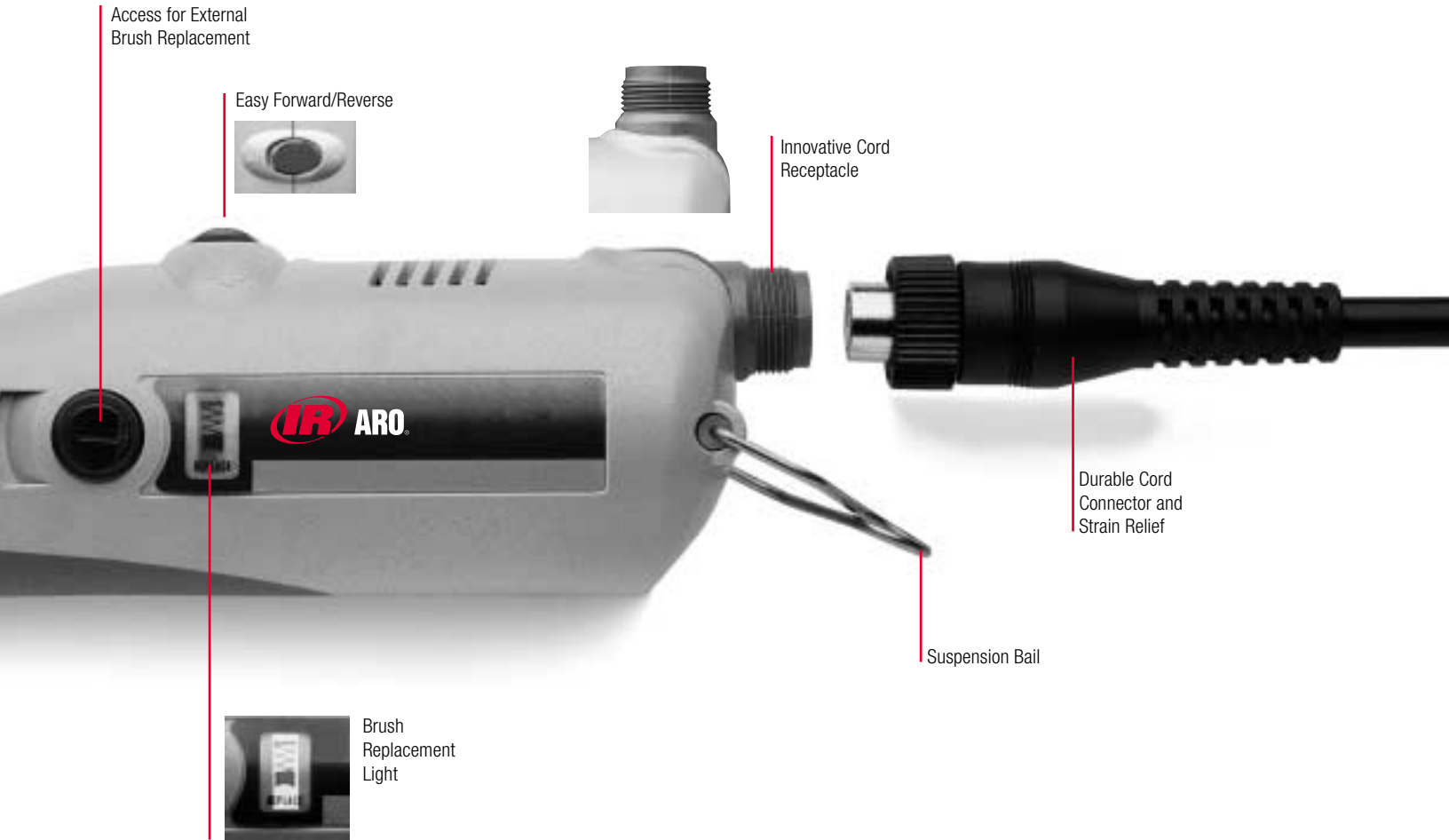
**Two-Finger Lever**

The two-finger lever distributes pressure and provides notable ergonomic benefits in continuous use applications.



# DC Electric Screwdrivers

## SE Series Screwdrivers



### Brush Replacement Light

The brush replacement light illuminates while the tool is rotating to indicate service required at the next shift, promoting good tool maintenance.

### Easy Forward/Reverse

Only one hand is needed to change direction. The forward/reverse toggle is easily accessible, activated smoothly by either the left or right hand. Competitive models require two-handed changes in direction.

### Innovative Cord Connector

**Easy Removal:** The electric power cord, available in a straight or coiled version, is easily detached from the tool by loosening the threaded retainer.

**Dual Positioning:** The cord can be attached either at the top or the side. This means that in whatever position the tool is being used, the cord stays out of the way of the operator and the work.

### Controller For Low Torque Models

#### Variable Speed Adjustment

Adapts the tool to different applications without having to change models.

#### Variable Soft Start

Makes positioning of small screws easy.

#### Signal Output

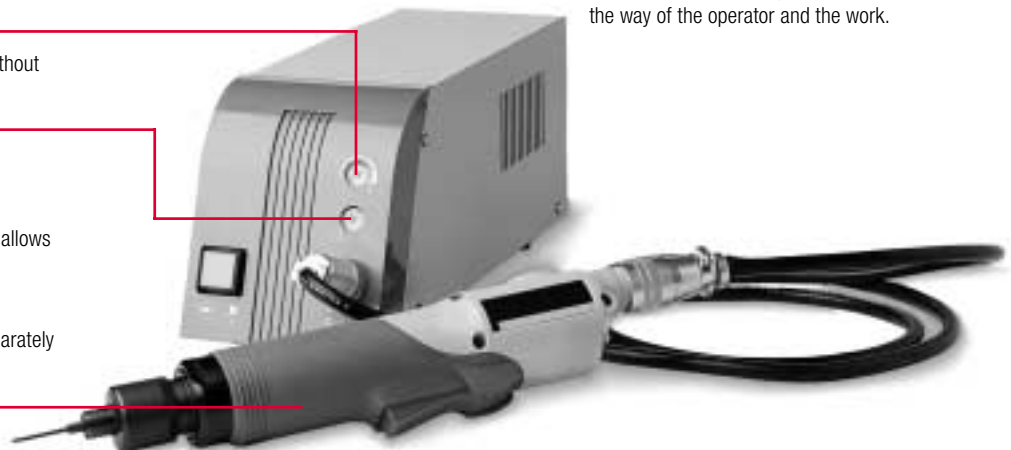
An optional counter can be attached. This allows for monitoring of group fastening.

#### Mounting Holes

A mounting bracket can be purchased separately for fixturing the controller.

#### Soft Touch and Small Size

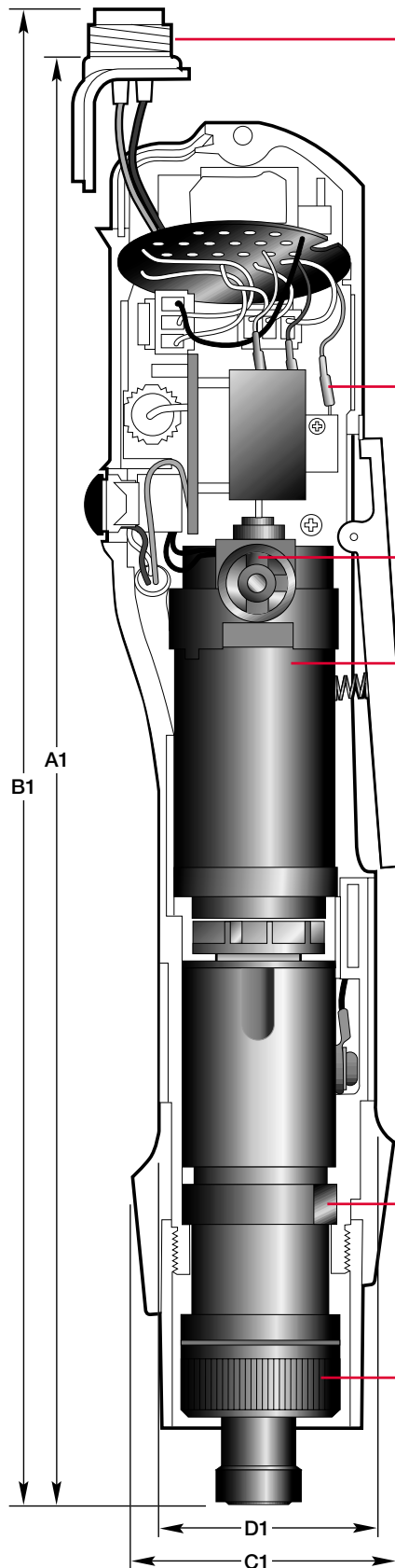
A perfect match for delicate operations.



# DC Electric Screwdrivers

## SE Series Screwdrivers

### Internal Features



With easy, single-fastener access to the interior, the SE Series Screwdriver has been engineered for fast and simple maintenance.

#### Cord Receptacle

Cord orientation can easily be changed by rotating the receptacle to top or side position while the tool is open.

#### Quick Connectors

It is easy to make electronic repairs, as the controller is replaced by unplugging its quick connectors. On competitive models, it is necessary to cut and then resolder up to eight wires.

#### Easy Brush Replacement

Brush wear and replacement are signalled by the convenient external indicator light. Brushes can easily be replaced without opening the tool.

#### DC Motor

Provides unmatched durability and performance. Duty cycles vary depending on the application.

#### General Rating:

- 0.8 sec. on, 3.2 sec. off
- 0.5 sec. on, 3.5 sec. off (2000 and 1200 rpm models only)

#### Clutch Assembly

Automatic shut-off clutch provides accuracy and precision. One clutch design is common to all high torque models.

#### Torque Adjuster

The internal adjuster allows for a wide range of torque settings and speeds, tailoring the tool for virtually any light-assembly application.

### Model Identification

#### High Torque

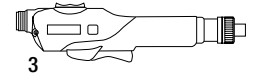
- Power: 115V AC
- Cable Length: 8 ft. Straight
- Sound: 69 dBA
- Reversible: Yes



<b>S</b>	<b>P</b>	<b>E</b>	<b>15</b>	<b>B</b>	<b>-</b>	<b>20</b>	<b>-</b>	<b>Q</b>
<b>Tool</b>	<b>Type</b>	<b>Tool</b>	<b>Free Speed</b>	<b>Spindle Option</b>				
S = Screwdriver	E = Electric	Generation	(RPM)	Q = 1/4" Hex				
<b>Configuration</b>	<b>Torque Capacity</b>	<b>Free Speed</b>	<b>Spindle Option</b>	<b>Clean Room</b>				
L = Lever Start	(max. approx.)	(RPM)	Q = 1/4" Hex	Certification				
P = Push-To-Start	15 = 15 in.-lbs.	03 = 300	Quick-Change	C = Class 100				
T = Trigger Start	26 = 26 in.-lbs.	07 = 700	W = .16 Hex					
	40 = 40 in.-lbs.	10 = 1,000	Quick-Change					
		12 = 1,200	Quick-Change					
		20 = 2,000						

#### Low Torque (Requires Controller)

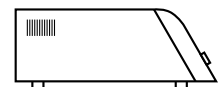
- Power: 24V DC From Controller
- Cable Length: 5 ft. Straight
- Sound: 65 dBA
- Reversible: Yes



<b>S</b>	<b>L</b>	<b>E</b>	<b>01</b>	<b>A</b>	<b>-</b>	<b>09</b>	<b>-</b>	<b>Q</b>	<b>-</b>	<b>C</b>
<b>Tool</b>	<b>Type</b>	<b>Tool</b>	<b>Free Speed</b>	<b>Spindle Option</b>	<b>Clean Room</b>					
S = Screwdriver	E = Electric	Generation	(RPM)	Q = 1/4" Hex	Certification					
<b>Configuration</b>	<b>Torque Capacity</b>	<b>Free Speed</b>	<b>Spindle Option</b>	<b>Clean Room</b>						
L = Lever Start	(max. approx.)	(RPM)	Q = 1/4" Hex	Certification						
	01 = 1 in.-lbs.	07 = 700	Quick-Change	C = Class 100						
	04 = 4 in.-lbs.	09 = 900	W = .16 Hex							
	10 = 10 in.-lbs.	10 = 1,000	Quick-Change							

#### Controller (Used With Low Torque Models)

- Power: 115V AC
- Cable Length: 9.5 ft. Straight
- Speed Control: Yes – Variable
- Soft Start: Yes – Variable



<b>SEC</b>	<b>24</b>	<b>N</b>
<b>Control Base</b>	<b>Tool Voltage</b>	<b>Source Voltage</b>
SEC	24 = 24V	N = 115V

### Accessories

See Pages 38-39

- A1** = Length of tool with cord receptacle in side position.
- B1** = Length of tool with cord receptacle in top position.
- C1** = Flange Diameter  
Slanted Flange: 52mm  
Straight Flange: 46mm
- D1** = Grip Size = 39mm x 42mm

# DC Electric Screwdrivers

## SE Series Screwdrivers

### High Torque

Model No.	Free Speed rpm	Torque Range		Tool Length		Tool Length		Weight		Bit Size in.
		in.-lbs	Nm	in.	mm	in.	mm	lbs	kg	
<b>Straight Push-To-Start</b>										
				A1		B1				
SPE15B-20-Q	2000	5.0-15.0	.56-1.69	10.75	273	11.25	286	0.25	0.11	1.6
SPE15B-10-Q	1000	5.0-15.0	.56-1.69	10.75	273	11.25	286	0.25	0.11	1.6
SPE26B-12-Q	1200	11.0-26.0	1.24-2.94	10.75	273	11.25	286	0.25	0.11	1.6
SPE26B-7-Q	700	11.0-26.0	1.24-2.94	10.75	273	10.75	273	0.25	0.11	1.6
SPE26B-3-Q	300	11.0-26.0	1.24-2.94	10.75	273	11.25	286	0.25	0.11	1.6
<b>Straight Lever Start</b>										
SLE15B-20-Q	2000	5.0-15.0	.56-1.69	10.75	273	11.25	286	0.25	0.11	1.63
SLE15B-10-Q	1000	5.0-15.0	.56-1.69	10.75	273	11.25	286	0.25	0.11	1.63
SLE26B-12-Q	1200	11.0-26.0	1.24-2.94	10.75	273	11.25	286	0.25	0.11	1.63
SLE26B-7-Q	700	11.0-26.0	1.24-2.94	10.75	273	11.25	286	0.25	0.11	1.63
SLE26B-3-Q	300	11.0-26.0	1.24-2.94	10.75	273	11.25	286	0.25	0.11	1.63
<b>Trigger Start With Pistol Attachment</b>										
STE40B-7-Q	700	18.0-40.0	2.03-4.52	10.75	273	11.25	286	0.25	0.11	1.83
<b>Push-to-Start With Pistol Attachment</b>										
SPE40B-7-Q	700	18.0-40.0	2.03-4.52	10.75	273	11.25	286	0.25	0.11	1.83

### Low Torque

Model No.	Free Speed rpm	Torque Range		Tool Length		Tool Length		Weight		Bit Size in.
		in.-lbs	Nm	in.	mm	in.	mm	lbs	kg	
<b>Straight Lever Start (Controller Required)<sup>1</sup></b>										
				A1		B1				
SLE01A-9-W	650-950	0.26-1.3	0.03-0.15	8.63	219	9.25	235	0.7	0.32	0.16
SLE04A-10-Q (C)	750-1000	0.44-4.79	0.05-0.54	8.63	219	9.25	235	0.8	0.36	0.25
SLE10A-7-Q (C)	500-700	1.74-10.44	0.20-1.18	8.63	219	9.25	235	0.8	0.36	0.25

(1) Two clutch springs are furnished to cover torque range. Tool is shipped with heavier clutch spring installed. (C) Class 100 Clean Room Models.

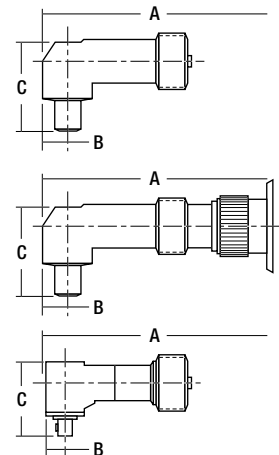
### Controller for Low Torque Models

Model No.	Input Voltage	Output Voltage	Weight		Size (in.) L x W x H	Soft Start	Speed Adjustment
			lbs	kg			
SEC24N	115	24	5.1	2.3	10.5 x 3.25 x 4.1	Yes	Yes

### Angle Screwdrivers

Model No.	Free Speed rpm	Torque Range		Weight		Head Length		Side to Center		Height	
		in.-lbs	Nm	lbs	kg	in.	mm	in.	mm	in.	mm
<b>1/4" Square Drive</b>											
						A		B		C	
SLE15B-10-2S5	650	6-23	.68-2.6	2.2	1.0	17.64	448	0.52	13.2	1.73	43.94
SLE26B-12-2S5	800	12-36	1.36-4.07	2.2	1.0	17.64	448	0.52	13.2	1.73	43.94
STE40B-7-2S5	450	15-56	1.69-6.33	2.2	1.0	17.64	448	0.52	13.21	1.73	43.94
<b>1/4" Female Hex head</b>											
SLE15B-10-2S3	650	6-23	.68-2.6	2.2	1.0	17.64	448	0.52	13.21	1.73	43.94
SLE26B-12-2S3	800	12-36	1.36-4.07	2.2	1.0	17.64	448	0.52	13.21	1.73	43.94
STE40B-7-2S3	450	15-56	1.69-6.33	2.2	1.0	17.64	448	0.52	13.21	1.73	43.94
<b>1/4" Square Drive Aerospace Head<sup>2</sup></b>											
SLE15B-20-1S5	1850	5-14	.56-1.58	2	0.9	17.45	443	0.33	8.38	1.47	37.34
SLE15B-10-1S5	950	4-17	.45-1.92	2	0.9	17.45	443	0.33	8.38	1.47	37.34
SLE26B-12-1S5	1100	10-26	1.13-2.94	2	0.9	17.45	443	0.33	8.38	1.47	37.34

(2) This head is designed for close quarter applications. Not intended for extensive counterclockwise use. Angle Heads can rotate 360° for application adjustment. Torque output will vary with application.



**Notes:**  
SE Series Screwdriver models are UL-listed. Your distributor or ARO representative can provide details.