

Electric Screwdrivers

VersaTec™ Screwdrivers

The VersaTec DC electric screwdriver combines industry-leading torque accuracy and repeatability with unmatched flexibility and serviceability for light duty, precision assembly applications in the .3 to 40 in.-lbs. category. At the same time, it sets new standards for ergonomics and operator convenience.

The VersaTec Screwdriver's unique appearance immediately signals its difference from anything else in its class. The egg-shaped oval 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. It also provides the bottom line benefit of low cost of ownership through flexibility, durability, and reliability.



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.

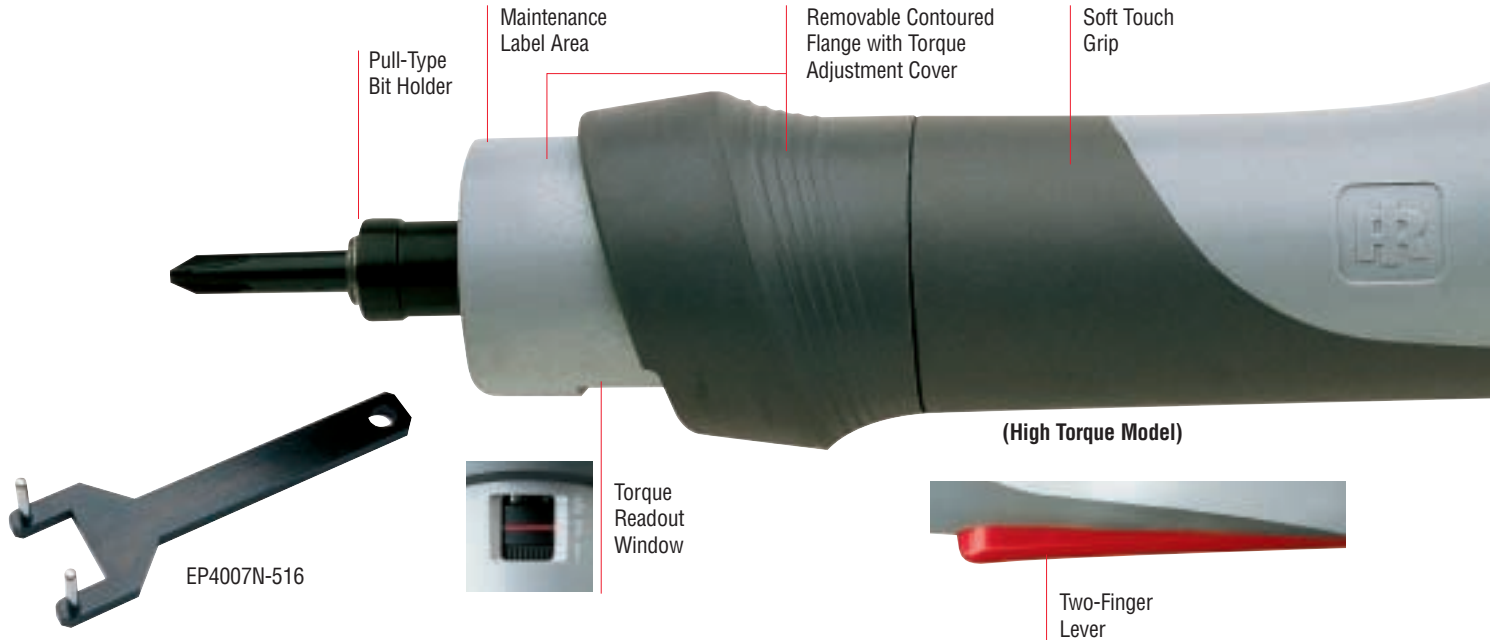
Low Torque Controller

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.



VersaTec

The VersaTec 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.



(High Torque Model)

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

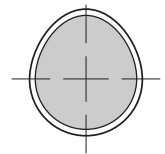
This convenient feature provides instant confirmation of torque output setting.

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 VersaTec 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.

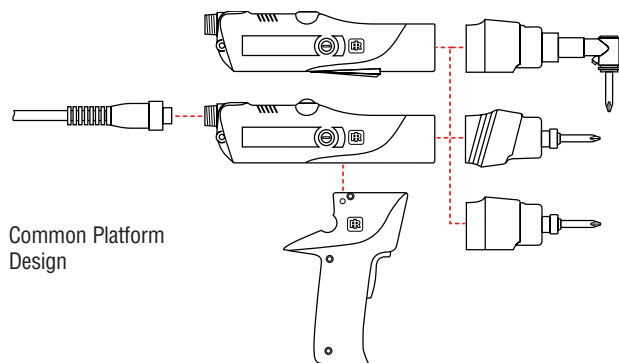
Soft Touch Grip

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.

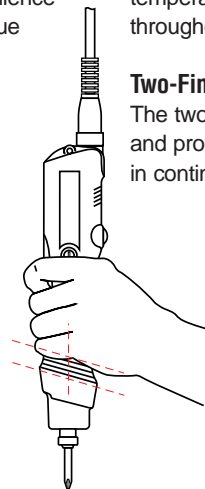


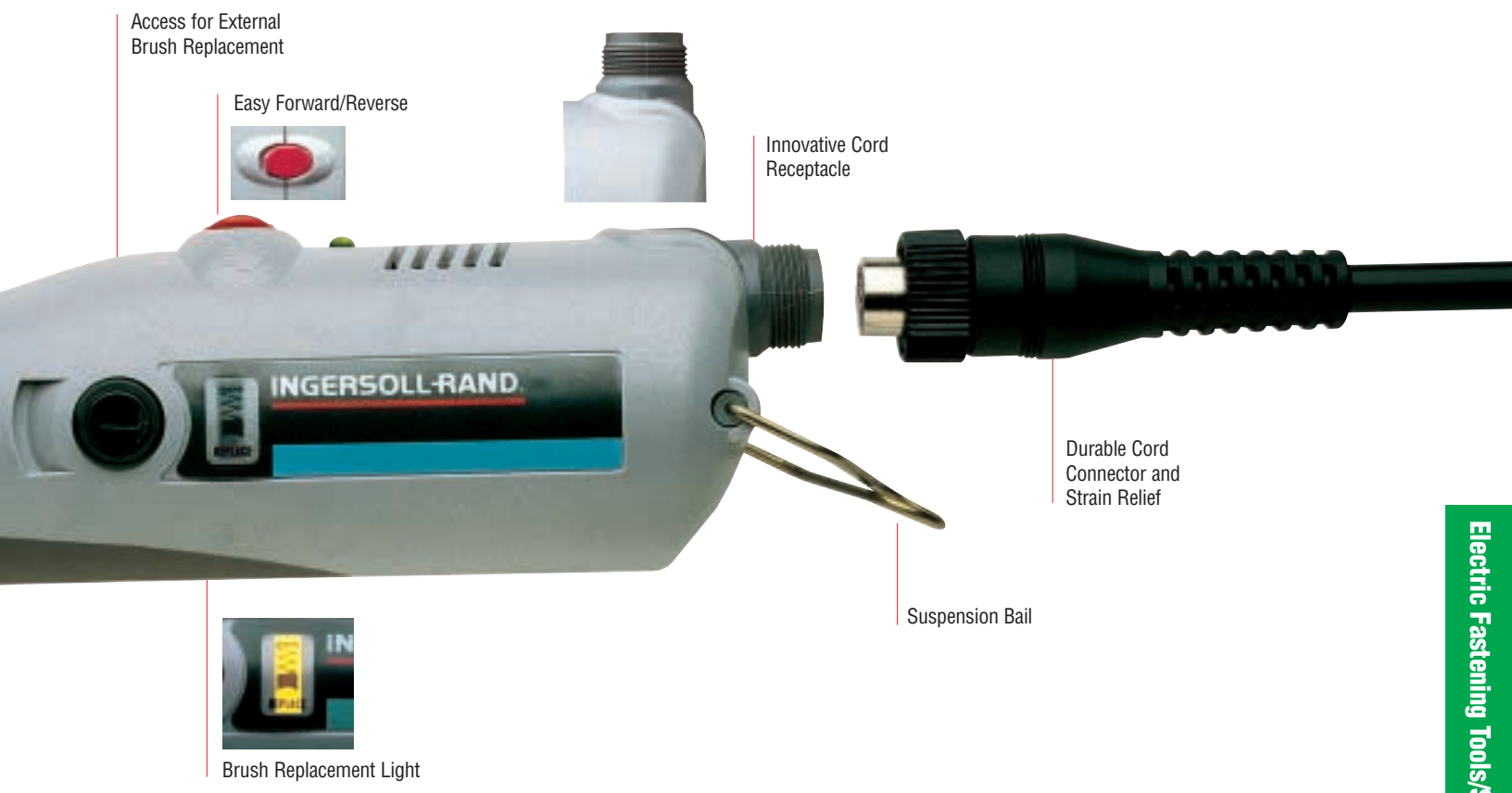
Two-Finger Lever

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



Common Platform Design





Access for External Brush Replacement

Easy Forward/Reverse

Innovative Cord Receptacle

Durable Cord Connector and Strain Relief

Suspension Bail

Brush Replacement Light

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

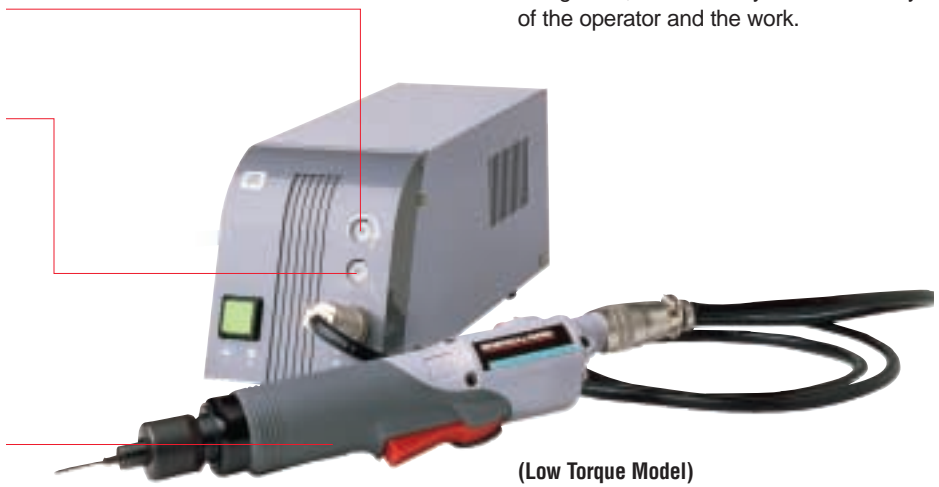
An optional counter can be attached. This allows for monitoring of group fastening.

Mounting Holes

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

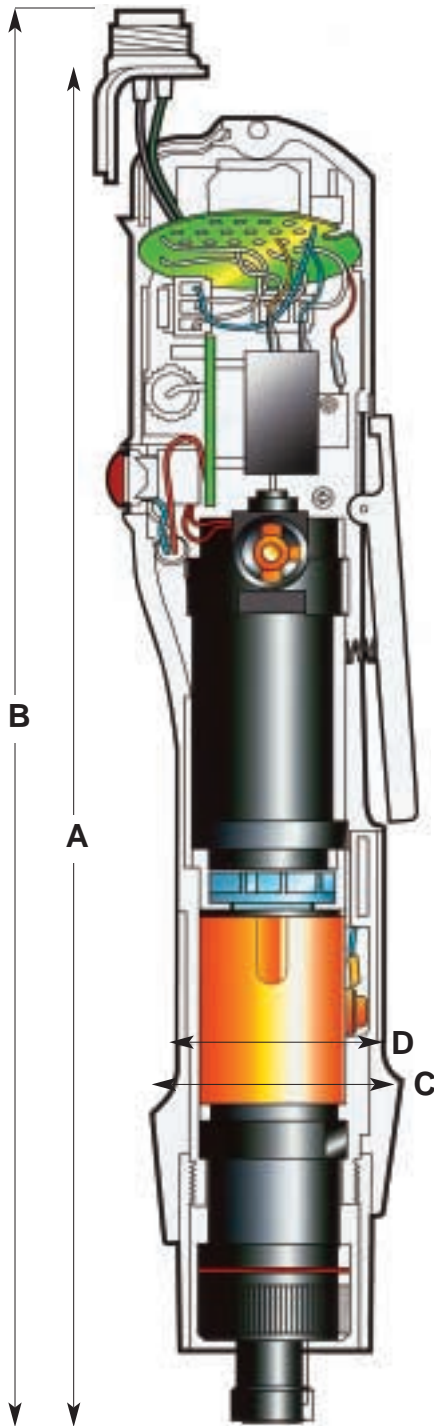
Soft Touch and Small Size

A perfect match for delicate operations.



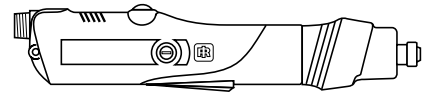
(Low Torque Model)

VersaTec Model Identification



High Torque

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



E	L	26	03	N	1 S 5
Control Electric	Configuration L Lever Start P Push-to-Start T Trigger Start	Torque (max. approx.) (in.-lbs.) 15 15 26 26 40 40	Speed 03 300 rpm 07 700 rpm 10 1000 rpm 12 1200 rpm 20 2000 rpm	Source Voltage N 115V	Bit Style 1S5 Angle 2S3 Angle 2S5 Angle

Low Torque (Requires Controller)

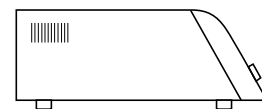
- Power: 24V DC From Controller
- Cable Length: 5 ft. Straight
- Sound: 65 dBa
- Reversible: Yes
- UL Listed
- EL0410BC & EL1007BC: meets class 100 clean room requirements.



E	L	04	10	B	C
Control Electric	Configuration L Lever Start	Torque (max. approx.) (in.-lbs.) 01 1 04 4 10 10	Speed 07 700 rpm 09 900 rpm 10 1000 rpm	Source Voltage B 24V	Clean Room Certification Class 100

Controller (Used With Low Torque Models)

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



EC	24	N
Control Base EC	Tool Voltage 24 24V	Source Voltage N 115V

- A** = Length of tool with cord receptacle in side position.
- B** = Length of tool with cord receptacle in top position.
- C** = Flange Diameter
Slanted Flange: 52mm
Straight Flange: 46mm
- D** = Grip Size = 39mm x 42mm

VersaTec Specifications

High Torque

Model Number	Torque Range in.-lbs.	Torque Range Nm	Free Speed (rpm)	Weight (lbs.)	Length in. (mm)	Length in. (mm)	Bit Size in.	Duty Cycle On/Off
Straight (Push-To-Start)					A	B		
EP1520N	5.0 - 15.0	.6 - 1.7	2000	1.6	10.75 (273)	11.25 (286)	0.25	.5/3.5
EP1510N	5.0 - 15.0	.6 - 1.7	1000	1.6	10.75 (273)	11.25 (286)	0.25	.8/3.2
EP2612N	11.0 - 26.0	1.2 - 2.9	1200	1.6	10.75 (273)	11.25 (286)	0.25	.5/3.5
EP2607N	11.0 - 26.0	1.2 - 2.9	700	1.6	10.75 (273)	10.75 (273)	0.25	.8/3.2
EP2603N	11.0 - 26.0	1.2 - 2.9	300	1.6	10.75 (273)	11.25 (286)	0.25	.8/3.2
Straight (Lever Start)								
EL1520N	5.0 - 15.0	.6 - 1.7	2000	1.63	10.75 (273)	11.25 (286)	0.25	.5/3.5
EL1510N	5.0 - 15.0	.6 - 1.7	1000	1.63	10.75 (273)	11.25 (286)	0.25	.8/3.2
EL2612N	11.0 - 26.0	1.2 - 2.9	1200	1.63	10.75 (273)	11.25 (286)	0.25	.5/3.5
EL2607N	11.0 - 26.0	1.2 - 2.9	700	1.63	10.75 (273)	11.25 (286)	0.25	.8/3.2
EL2603N	11.0 - 26.0	1.2 - 2.9	300	1.63	10.75 (273)	11.25 (286)	0.25	.8/3.2
Trigger Start With Pistol Attachment								
ET4007N	18.0 - 40.0	2.0 - 4.5	700	1.83	10.75 (273)	11.25 (286)	0.25	.5/3.5
Push-To-Start With Pistol Attachment								
EP4007N	18.0 - 40.0	2.0 - 4.5	700	1.83	10.75 (273)	11.25 (286)	0.25	.5/3.5

Low Torque

Model Number	Torque Range in.-lbs.	Torque Range Nm	Free Speed (rpm)	Weight (lbs.)	Length in. (mm)	Length in. (mm)	Bit Size in.	Duty Cycle On/Off
Straight Lever Start (Controller Required)*					A	B		
EL0109B	0.26 - 1.30	.03 - .15	650 - 950	0.7	8.63	9.25	0.16	.5/3.5
EL0410B (C)	0.44 - 4.79	.05 - .54	750 - 1000	0.8	8.63	9.25	0.25	.5/3.5
EL1007B (C)*	0.5 - 10.44	.06 - 1.2	500 - 700	0.8	8.63	9.25	0.25	.5/3.5

* Two clutch springs are furnished to cover torque range. Tool is shipped with heavier clutch spring installed. (C) Class 100 Clean Room Models. - No Soft Touch Grip.

Controller For Low Torque Models

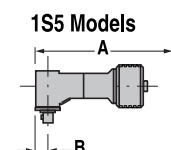
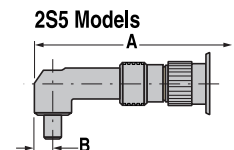
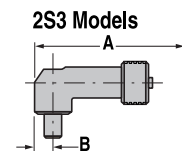
Model Number	Input Voltage	Output Voltage	Weight (lbs.)	Size in. L x W x H	Soft Start	Speed Adjustment
EC24N	115V	24V	5.1	10.5 x 3.25 x 4.1	YES	YES

Angle Screwdrivers

Model Number	Torque Range in.-lbs.	Torque Range Nm	Free Speed (rpm)	Weight (lbs.)	Length in. (mm)	in. (mm)	in. (mm)
1/4" Square Drive							
EL1510N2S5	8 - 23	.9 - 2.6	650	2.2	17.64 (448)A	0.52 (13.21)	1.73 (43.94)
EL2612N2S5	17 - 40	1.9 - 4.5	800	2.2	17.64 (448)	0.52 (13.21)B	1.73 (43.94)
ET4007N2S5	27 - 60	3.0 - 6.8	450	2.2	17.64 (448)	0.52 (13.21)	1.73 (43.94)
1/4" Female Hex Drive							
EL1510N2S3	8 - 23	.9 - 2.6	650	2.2	17.64 (448)	0.52 (13.21)	1.73 (43.94)
EL2612N2S3	17 - 40	1.9 - 4.5	800	2.2	17.64 (448)	0.52 (13.21)	1.73 (43.94)
ET4007N2S3	27 - 60	3.0 - 6.8	450	2.2	17.64 (448)	0.52 (13.21)	1.73 (43.94)
1/4" Square Drive (Aerospace Head)**							
EL1520N1S5	5 - 15	.6 - 1.7	1850	2	17.45 (443)	0.33 (8.38)	1.47 (37.34)
EL1510N1S5	5 - 15	.6 - 1.7	950	2	17.45 (443)	0.33 (8.38)	1.47 (37.34)
EL2612N1S5	11 - 26	1.2 - 2.9	1100	2	17.45 (443)	0.33 (8.38)	1.47 (37.34)

** 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.



VersaTec ESD Screwdrivers



Static electricity is everywhere – it is generated whenever two objects are joined together, and then separated. Today’s electronic devices are smaller and more sensitive to electric shock than ever before. When you consider this factor along with precision torque requirements, the new VersaTec electric screwdrivers from Ingersoll-Rand rise head and shoulders above the competition.

Static electricity is particularly critical in the production of disk drives and printed circuit boards, as well as the assembly of precision electric and electronic components. The VersaTec ESD models are designed specifically for these applications.

The ESD model features a carbon-filled composite housing and trigger, as well as a cord coated with an anti-electrostatic resin, which greatly reduces static build-up. The sealed package eliminates any leakage of carbon brush dust, and a unique new clutch design completes the grounding of the tool from end-to-end. Comparative figures on the effectiveness of ESD control are shown below.



Item	Where Measured	ESD Models	STD Models
Quantity of electrostatic (V)	Grip	5	350
	Trigger	2	350
	Forward/Reverse switch	2	25
	Cord	5	350
Surface resistance (Ω)	Grip	1 x 10 ⁴	10 ¹⁹ or more
	Trigger	1 x 10 ⁴	10 ¹⁹ or more
	Cord	1 x 10 ¹⁰	10 ¹⁹ or more

Measuring condition (Temperature 22°C, Humidity 66%)

Features

- ESD (Electro-Static Discharge) Control
 - Carbon fiber impregnated housing, trigger, switches, and controller face
 - Carbon powder control cord with resin coating
 - Grounded automatic shut-off clutch
 - Fully grounded controller (EC24N-ESD)
- Class 100 Clean Room rating
- Vacuum pick-up ready (optional accessory)
- Variable free speed/soft start features built into controller
- Award winning ergonomic design shared by all VersaTec tools

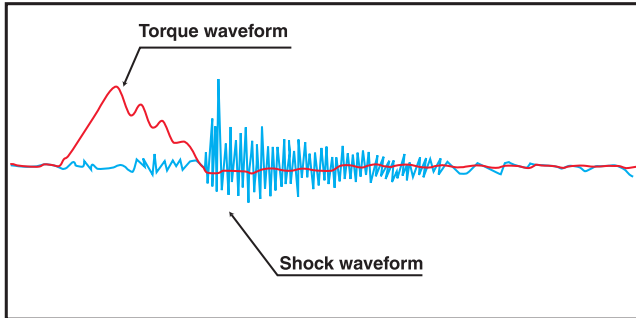
“SS” Models Only

- Soft Stop Clutch
 - Minimizes soft and hard failures to sensitive electronic equipment by limiting the motor inertia as the clutch begins to shut off
 - One way clutch – direct drive in reverse for easy removal of tightened fasteners

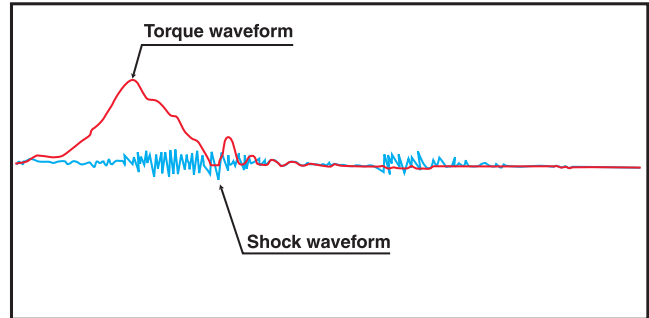
Soft Stop Feature

A new, improved clutch mechanism holds and controls the bit more closely, reducing the clutch inertia to the workpiece to 1/10th of standard model levels. This lower workpiece reaction lessens the chance of hard and soft component failures on sensitive electronic equipment.

IR "SS" Models



IR "SS" Models



Optional Equipment

- EVP20 Vacuum pump
- Bits – see pages 31-35, 122
- Shaker boxes:
 - DLW3400
 - DLW3600
 - DLW3800



Soft Stop/ESD Models	Torque Range		Free Speed rpm	Length in.	Bit Size in.	Controller Required
	in. lbf	kgf.cm				
ELO410BC-SS-ESD	1.7-3.5	2.0-4.0	700-1000	10.5	0.16	EC24N-ESD
EL0510BC-SS-ESD	2.2-4.8	2.5-5.5	700-1000	10.5	0.16	EC24N-ESD
EL0807BC-SS-ESD	3.9-8.2	4.5-9.5	500-700	10.5	0.16	EC24N-ESD
EL1007BC-SS-ESD	4.8-10.4	5.5-12	700-1000	10.5	0.16	EC24N-ESD
ESD Only Model						
EL1007BC-ESD	1.7-10.4	2.0-12	500-700	10.5	0.25	EC24N-ESD

Measuring condition (Temperature 22°C, Humidity 66%)

Precision Shut-Off Models

Features

- Torque range (soft draw)
Up to 40.0 in.-lb.
- Recommended for assembling where precise torque control is required



Delvo Features

- Precise torque control for more efficient and accurate production
- Dynamic motor brake reduces torque reaction
- Operates on standard 115 volt AC current, no special power sources required
- Model ES50TC meets Class 100 Clean Room specifications
- UL listed – Models ES45T, ES50T, ES60P, ES60T, ES70P, ES70T, ES80P, ES90P, ES90T, ES100P, and ES100T
- Built-in vacuum pickup on ES50TC (Purchase of vacuum pump required)

Standard Equipment

- Two brushes (ES60T-619)
- Suspension bail (ES60T-365)
- Two Phillips bits (XP162)

Accessories

Pages 31-35, 121-124



Model	Control Module Required**	Torque Range (Soft Draw) in.-lb. (in.-oz.)	Torque Range Nm	Free Speed rpm	Weight lb.	Length in.	Side to Center Distance in.	Operation	Bit Size in.
ES45T	ESCB50	0.3 - 6.5	.03 - .73	600 - 900	.75	8.87	.66	Trigger Start	.25
ES50T*	ESCB50	0.5 - 9.0	.06 - 1.0	500 - 650	.75	8.88	.78	Trigger Start	.25
ES50TC*	ESCB50	0.5 - 9.0	.06 - 1.0	500 - 650	.88	10.50	.78	Trigger Start	.25
ES90T	none	6.0 - 16.0	.5 - 1.8	2000	1.53	10.00	.81	Trigger Start	.25
ES90P	none	6.0 - 16.0	.5 - 1.8	2000	1.50	10.00	.81	Push to Start	.25
ES60P	none	4.0 - 17.0	.5 - 1.9	1000	1.50	10.00	.81	Push to Start	.25
ES60T	none	4.0 - 17.0	.5 - 1.9	1000	1.53	10.00	.81	Trigger Start	.25
ES80P	none	12.0 - 24.0	1.4 - 2.7	1200	1.50	10.00	.81	Push to Start	.25
ES70T	none	10.0 - 26.0	1.1 - 2.9	700	1.53	10.00	.81	Trigger Start	.25
ES70P	none	10.0 - 26.0	1.1 - 2.9	700	1.50	10.00	.81	Push to Start	.25
ES100P (Pistol)	none	15.0 - 40.0	1.9 - 4.5	400	1.65	10.00	.81	Push to Start	.25
ES100T (Pistol)	none	15.0 - 40.0	1.9 - 4.5	400	1.68	10.00	.81	Trigger Start	.25

* Two Clutch Springs are furnished to cover torque range. Tool is shipped with heavier Clutch Spring installed.
 – ES50T-431: 0.4 - 4.7 in. lbs. spring for ES50T (C)
 – ES50T-462: 1.7 - 9.0 in. lbs. spring for ES50T (C)
 – ES40T-583H: 1.7 - 6.0 in. lbs. spring for ES40T
 – ES40T-583L: 0.5 - 4.7 in. lbs. spring for ES40T

**Control module ordered separately.

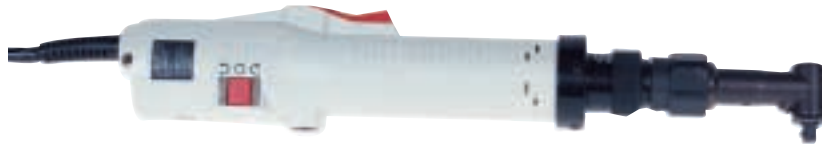
Approx. sound level 65 dBa.

Electric Angle Screwdrivers/Wrenches

Precision Shut-Off Models

Features

- Torque range (soft draw) 6 to 56 in.-lb.
- Recommended for assembling where precise torque control is required



ES60T1S5



ES70T2S3

Model	Torque Range (Soft Draw)		Free Speed rpm	Weight lb.	Overall Length in.	Side to Center Distance in.	Height in.
	in.-lb.	Nm					
Angle Screwdrivers (1/4" Female Hex Drive)							
ES90T2S3	6 - 19	.68 - 2.2	1300	2.1	16.89	.52	1.99
ES60T2S3	6 - 23	.68 - 2.6	650	2.1	16.89	.52	1.99
ES70T2S3	11 - 36	1.2 - 4.1	450	2.1	16.89	.52	1.99
ES100T2S3	14 - 56	1.6 - 6.3	250	2.1	16.89	.52	1.99

Angle Wrenches (1/4" Square Drive)							
ES90T2S5	6 - 19	.68 - 2.2	1300	2.1	16.89	.52	1.73
ES60T2S5	6 - 23	.68 - 2.6	650	2.1	16.89	.52	1.73
ES70T2S5	11 - 36	1.2 - 4.1	450	2.1	16.89	.52	1.73
ES100T2S5	14 - 56	1.6 - 6.3	250	2.1	16.89	.52	1.73
ES90T1S5*	4 - 14	.45 - 1.6	1850	1.9	16.70	.33	1.47
ES60T1S5*	4 - 17	.45 - 1.9	950	1.9	16.70	.33	1.47
ES70T1S5*	8 - 26	.90 - 2.9	650	1.9	16.70	.33	1.47

* This small 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.

Tools operate on standard 115V AC current.

IR Light Duty/DC Electric Angle Wrenches and Screwdrivers

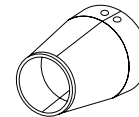
Similar in overall design to the ES Series Screwdrivers. These new models have all of the same ergonomic benefits and precision performance features of the standard screwdriver line. The tools incorporate a trigger start with automatic shut-off for precise torque control, as well as a dynamic motor brake for reduced torque reaction.

Standard Equipment

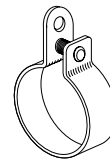
- Two bits
- Two brushes
- Vertical suspension bail

Accessories

(Angle Models Only)



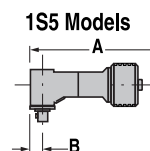
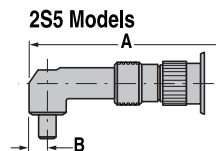
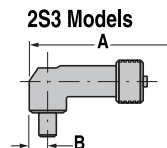
- ES60T-TAC Torque adjustment cover (Width is 2.16 in.)



- DAA40-A366 Horizontal Hanger

Additional Accessories

Pages 31-35, 121-124



Electric Screwdrivers

Control Modules and Vacuum Pump

ESCB50

For use with Models ES40T, ES45T, ES50T, and ES50TC

Features

- Power: on/off (115 VAC)
- Speed control: high/low
- Soft start: quick/slow
- Dimensions: 6¾ x 5¾ x 4¼
- Output: 24 Volts DC
- Fuse: 2A



EVP20

EVP20 (Vacuum Pump)

- Used with screwdriver Models ES50T, ES50TC, EL0410BC, EL1007BC, ELO109B
- Greatly improves productivity in handling No. 4 or smaller screws
- Use the Model EVP20 Vacuum pump with the appropriate attachments and bit sleeves.
- Weight 8.4 lb.
- Achievable vacuum: 160mm/Hg
- Flow rate (at outlet): 24 l/mm

Electric Screwdrivers

Precision Shut-Off Cordless Screwdriver

The CS Series precision shut-off cordless screwdrivers add go-anywhere convenience to smooth, quiet operation and repeatable torque accuracy of ± 5 percent.

Standard Equipment

- Screwdriver bits
- Battery pack
- Integral suspension bail
- CS100 Clutch adjustment wrench (R77-16)

Options

- Battery pack: CSB96 (9.6 VDC)
- Charger: CSC115 (115 VAC50/60 Hz)
- Kits (K): All kits include screwdriver with battery, suspension bail, battery charger, bits, an additional battery, right hand side holster, rubber boot cover, and rubber nose cover.



CS70T

Accessories

- Rubber boot cover: CST70-RBC (Red), CST30-BBC (Blue), CST100-GBC (Green)
- Rubber nose cover: CST70-RNC (Red), CST30-BNC (Blue), CST100-GNC (Green)
- Holsters: CST30-LHH (Left), CST30-RHH (Right)
- Battery: CSB96
- Charger: CSC115 (115V), CSC230 (220-240V)

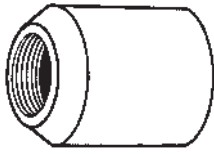
Model	Torque** (in.-lb.)		Torque Nm		Free Speed rpm	Input Voltage	Charging Time	Weight lb.	Number of Screws Tightened per Charge
	Soft	Hard	Soft	Hard					
CS30T (K)	10-28	17-39	1.1-3.1	1.9-4.4	1150	9.6 VDC	1 Hour	3.3	1300*
CS70T (K)	29-56	40-86	3.3-6.3	4.5-9.7	1000	9.6 VDC	1 Hour	3.3	1000*
CS100T (K)	52-90	60-104	5.9-10.2	6.8-11.7	600	9.6 VDC	1 Hour	3.3	500*

*Screws tightened is an approximate number.

Quantity varies depending on fastener, length and application.

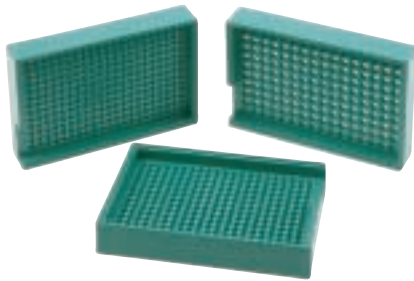
**ISO 5393 joint rates.

Electric Screwdrivers Accessories



Torque Adjustment Cover
ES60T-675 and 99V60-274 screw
 (Fits over Torque Adjustment Nut to minimize tampering or accidental turning once the torque is set. For use with ES60, ES70, ES80, ES90, and ES100 models.)

- ES50T-483 (for ES45T and ES50T)
- EL0410BC-46 (for long torque VersaTec models)
- EL0410BC-46-ESD (for low torque VersaTec ESD)



DLW 3400/3600/3800

Attachable Pistol-Grip Handle (EP4007N-48)

- For use with all high torque models. Lever and push-to-start



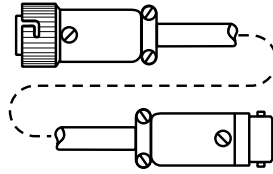
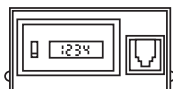
Torque Adjusting Wrench (EP4007N-516)

- Used to externally adjust the high torque models without removing the flange



Digital Counter (EC24-DC)

- Used with low torque models. Digital display shows number of cycles. Includes modem cord to attach to controller



Extension Cable – Low Torque Models (ES40T-249-2)

For use between tool and controller on Models ES45T, ES50T, ES50TC, EL0410B(C), EL1007B(C) and EL0109B (6 1/2 ft. long).



Attachable Pistol-Grip Handle (DLW2100TP)

For use on push and trigger start Models ES60, ES70, ES80, and ES90 (standard on ES100).

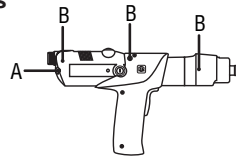
Model	DLW3400	DLW3600	DLW3800
Screw Sizes (in.)	0 - 2 (.07 - .08)	1 - 4 (.08 - .11)	3 - 8 (.12 - .16)
Hole Pitch (in.)	.23	.23	.31
Hole Depth (in.)	.17	.53	.49
Number of Holes	273	273	160

Shaker Boxes and Grid Plates

Shaker Boxes and Grid Plates facilitate handling of small fasteners. Simply place the screws in the box or plate and shake. The screws will fall into the heads up position, ready for vacuum or magnetic pickup.

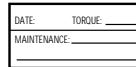
Suspension Bails

- High torque
 A-Vertical – EP4007N-365
 B-Horizontal – EP4007N-366
- Low torque
 Vertical – EL0109B-365



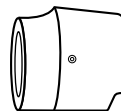
Calibration/Maintenance Labels (EP4007N-302)

- Adhesive labels to be placed on tools. This will help with scheduling maintenance, or calibration



Low Profile Flange (EP4007N-123)

- Smaller dimension flange (standard for pistol and angle models)



Mounting Bracket (EC24-MB)

- Used to mount controller

Spring (Low Torque) (VDS-511)

- 1.5-7 in.-lbs. – EP/EL1510
- 2.0-9 in.-lbs. – EP/EL1520

Additional Cords (High Torque)

- 6 ft. Coiled – EP4007N-239-C6A
- 12 ft. Straight – EP4007N-239-12A
- 8 ft. Straight – EP4007N-239-8A (Standard)

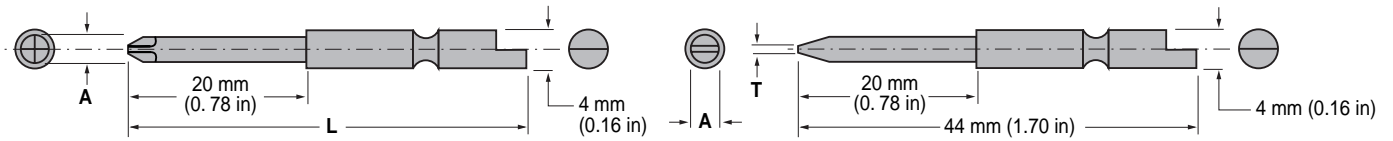
Torque Adjustment Cover

- For use on VersaTec low torque models
- EL0410BC-46

Please also see the information on Torque Testers shown on page 131

Accessories

Screwdriver Bits for Models ES20B, ES30B, ES40T and EL0109B



Bit (Qty. 10) Part No.	Point Size	'A' Diameter in. (mm)	L	Screw Size Range
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For Phillips Head Screws

DLB2120-10	0	.071 (1.8)	1.7	0 to 1
DLB2121-10	0	.071 (1.8)	2.5	0 to 1
DLB2122-10	00	.079 (2.0)	1.7	00 to 0
DLB2123-10	00	.079 (2.0)	2.5	00 to 0
DLB2124-10	0	.098 (2.5)	1.7	0 to 1
DLB2125-10	0	.098 (2.5)	2.5	0 to 1
DLB2126-10	1	.118 (3.0)	1.7	2 to 4
DLB2127-10	1	.118 (3.0)	2.5	2 to 4
DLB2128-10	1	.157 (4.0)	1.7	2 to 4
DLB2129-10	1	.157 (4.0)	2.5	2 to 4
DLB2130-10	2	.157 (4.0)	1.7	5 to 10
DLB2131-10	2	.157 (4.0)	2.5	5 to 10
DLB2132-10	3	.236 (6.0)	1.7	10 to ¼

For Torx® Head Screws

DLBT817	8	-	-	1.7	-
DLBT825	8	-	-	2.5	-

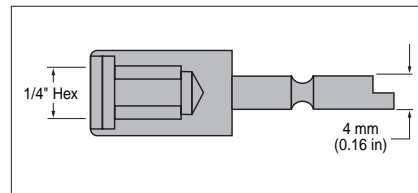
Bit (Qty. 10) Part No.	t	'A' Diameter in. (mm)	Screw Size Range
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For Slotted Head Screws

DLB2220-10*	.012	.079 (2.0)	00 to 0
DLB2221-10*	.012	.098 (2.5)	00 to 0
DLB2222-10*	.016	.118 (3.0)	0 to 2
DLB2223-10*	.020	.157 (4.0)	2 to 4
DLB2224-10*	.026	.197 (5.0)	3 to 5

* Only Phillips bits are meant to be used with Vacuum Pickup Systems.

Slotted bits may sometimes be used by undersizing the bits for the vacuum sleeves.



Insert Bit Holder Adapter (DLW-4100)

For using insert bits shown on pages 31-35.

For use with ¼" hex insert bits

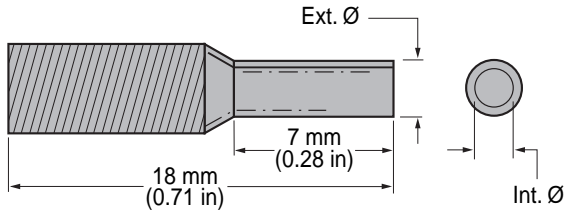
Part No.	H/B Dimensions in. (mm)	Overall Length L in. (mm)	Screw Size in. (mm)	External View
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Hexagon – Male & Female

DLB2321-10	0.06 (1.5)	1.7 (44)	0.12 (3)	
DLB2322-10	0.08 (2)	1.7 (44)	0.16 (4)	
DLB2323-10	0.12 (3)	1.7 (44)	0.24 (6)	
DLB2324-10	0.16 (4)	1.7 (44)	0.31 (8)	
DLB2420-10	0.09 (2.3)	1.7 (44)	—	
DLB2421-10	0.10 (2.5)	1.7 (44)	—	
DLB2422-10	0.12 (3)	1.7 (44)	—	
DLB2423-10	0.16 (4)	1.7 (44)	0.08 (2)	
DLB2424-10	0.18 (4.5)	1.7 (44)	0.09 (2.3)	
DLB2425-10	0.20 (5)	1.7 (44)	0.01 (2.6)	
DLB2426-10	0.22 (5.5)	1.7 (44)	0.12 (3)	

Vacuum Pickup Sleeves

(For use with ES40T, ES50TC, EL0410BC, and EL1007BC)










Sleeve Part Number	Inside Diameter		Outside Diameter	
	in.	(mm)	in.	(mm)
DLS2120	.079	(2.0)		
DLS2122	.098	(2.5)	.138	(3.5)
DLS2123	.106	(2.7)	.138	(3.5)
DLS2124	.122	(3.1)	.138	(3.5)
DLS2125	.130	(3.3)	.177	(4.5)
DLS2126	.138	(3.5)	.177	(4.5)
DLS2127	.146	(3.7)	.177	(4.5)
DLS2128	.158	(4.0)	.177	(4.5)
DLS2129	.165	(4.2)	.212	(5.5)
DLS2130	.177	(4.5)	.212	(5.5)
DLS2131	.185	(4.7)	.212	(5.5)
DLS2132	.201	(5.1)	.212	(5.5)
DLS2133	.209	(5.3)	.256	(6.5)
DLS2134	.221	(5.6)	.256	(6.5)
DLS2135	.240	(6.1)	.276	(7.0)

Accessories

Vacuum Pickup Sleeve Selection Chart
for Models ES50TC, EL0410BC,
EL1007BC and adapter DLP6000.



A Bit Part Number	B Sleeve Part Number	 Truss Head	 Pan Head	 Fillister Head	 Oval Countersunk Head	 Binding Head	 Undercut Oval Countersunk Head	 Round Head
DLB2122-10	DLS2121	-	-	00	-	-	-	-
	DLS2122	-	00	-	00	-	-	00
	DLS2123	-	-	0	-	00	-	-
	DLS2124	-	0	-	0	-	-	0
DLB2124-10	DLS2125	-	-	1	-	0	0	-
	DLS2126	0	-	-	-	-	-	-
	DLS2126	-	-	-	-	-	-	1
	DLS2127	-	1	2	-	-	-	-
DLB2126-10	DLS2128	-	-	-	1	1	1	-
	DLS2129	-	-	3	-	-	-	2
	DLS2130	1	-	-	2	-	2	-
	DLS2130	-	2	-	-	-	-	-
DLB2128-10	DLS2131	-	-	-	-	-	-	-
	DLS2132	2	3	-	-	-	-	-
DLB2130-10	DLS2133	-	-	-	3	-	3	-
	DLS2134	-	-	-	-	3	-	4
XP161	DLS2132	2	3	-	-	-	-	-
XPZ161	DLS2133	-	-	-	3	-	3	-
XRP161	DLS2134	-	-	-	-	3	-	4
	DLS2135	3	-	-	-	4	-	-