



RoHS

E-DRIV® NF-Series

Brushless Electric Torque Screwdrivers



KEY FEATURES

Various models that range from 2.6 - 39 lbf.in

High performance brushless motor design provides durability and reduces the standard maintenance costs for electric drivers.

Designed for high production environments. Minimal heat build-up even when tool is operated continuously.

Over Heat Protection (OHP) and Over Current Protection (OCP) protect driver from damage or malfunction. Features a LED display that signals the tool status for the operator to view.

Can be connected with the Scout Screw Counter.

External torque adjustment scale.

Requires a Transformer (power supply).

All models are ESD designed and prevent the occurrence of electrostatic discharge, which improves production yields, manufacturing costs, product quality, product reliability, reputation and profitability.

Torque Covers

Protects from incidental or operator tampering of torque setting .



Black
Item #
145955

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STANDARD MODELS

Adjustable RPM setting on the tool.

A selectable Soft Start mode from 0.2 - 0.6 seconds

Model	Driver Type	Item #	Torque Ranges		RPM Adjustable*	Grip Dia.	Length	Drive Size	Wt. oz.
			lbf.in	cN.m					
NF150-A ESD	Lever Start	145846	2.6 - 13	29.4 - 147	800 - 1700	1 1/3"	10 1/4"	1/4 F/Hex	18.4
NF150P-A ESD	Push-to-Start	145849	2.6 - 13	29.4 - 147	800 - 1700	1 1/3"	10 1/4"	1/4 F/Hex	18.4
NF220-A ESD	Lever Start	145847	5.2 - 19	58.9 - 215.8	600 - 1200	1 1/3"	10 1/4"	1/4 F/Hex	18.4
NF220P-A ESD	Push-to-Start	145850	5.2 - 19	58.9 - 215.8	600 - 1200	1 1/3"	10 1/4"	1/4 F/Hex	18.4
NF450-A ESD	Lever Start	145848	6.1 - 39	68.7 - 441	300 - 600	1 1/3"	10 1/4"	1/4 F/Hex	18.4
NF450P-A ESD	Push-to-Start	145851	6.1 - 39	68.7 - 441	300 - 600	1 1/3"	10 1/4"	1/4 F/Hex	18.4

*Requires Program Lock Key (Item# 145774) to adjust RPM & Soft Start Settings. Program Lock Key must be plugged into the STC40 Transformer (see page 01.19 for details)

STANDARD PLUS MODELS

The "Plus" models feature a selectable Double Hit Mode for soft joint applications and selectable Soft Start mode (from 0.2 - 0.6 seconds). These options are controlled on the side of the driver.

Model	Driver Type	Item #	Torque Ranges		RPM	Grip Dia.	Length	Drive Size	Wt. oz.
			lbf.in	cN.m					
NF150-A ESD Plus	Lever Start	145852	2.6 - 13	29.4 - 147	1700	1 1/3"	10 1/4"	1/4 F/Hex	18.4
NF150P-A ESD Plus	Push-to-Start	145855	2.6 - 13	29.4 - 147	1700	1 1/3"	10 1/4"	1/4 F/Hex	18.4
NF220-A ESD Plus	Lever Start	145853	5.2 - 19	58.9 - 215.8	1200	1 1/3"	10 1/4"	1/4 F/Hex	18.4
NF220P-A ESD Plus	Push-to-Start	145856	5.2 - 19	58.9 - 215.8	1200	1 1/3"	10 1/4"	1/4 F/Hex	18.4
NF450-A ESD Plus	Lever Start	145854	6.1 - 39	68.7 - 441	600	1 1/3"	10 1/4"	1/4 F/Hex	18.4
NF450P-A ESD Plus	Push-to-Start	145857	6.1 - 39	68.7 - 441	600	1 1/3"	10 1/4"	1/4 F/Hex	18.4

SOFT STOP MODELS

Precision "Soft Stop" clutch prevents shock to sensitive assemblies like disk drives, plastics, electronics, etc.

Adjustable RPM setting on the tool.

A selectable Soft Start mode from 0.2 - 0.6 seconds

Model	Driver Type	Item #	Torque Ranges		RPM Adjustable*	Grip Dia.	Length	Drive Size	Wt. oz.
			lbf.in	cN.m					
NFS150-A ESD	Lever Start	145865	2.6 - 13	29.4 - 147	800 - 1700	1 1/3"	10 1/4"	1/4 F/Hex	18.4
NFS220-A ESD	Lever Start	145866	5.2 - 19	58.9 - 215.8	600 - 1200	1 1/3"	10 1/4"	1/4 F/Hex	18.4

*Requires Program Lock Key (Item# 145774) to adjust RPM & Soft Start Settings. Program Lock Key must be plugged into the STC40 Transformer (see page 01.19 for details)

ANGLE CONTROL & AUTO REVERSE MODELS

Time Angle Control & Auto Reverse model. Set the start and stop point by angle control within a range of 0.25 - 15 turns. Also set the "Stop Holding Time" within a range of 0.1 to 6 seconds.

Adjustable RPM setting on the tool.

Model	Driver Type	Item #	Torque Ranges		RPM Adjustable*	Grip Dia.	Length	Drive Size	Wt. oz.
			lbf.in	cN.m					
NFT150-A ESD	Lever Start	145858	2.6 - 13	29.4 - 147	800 - 1700	1 1/3"	10 1/4"	1/4 F/Hex	18.4
NFT220-A ESD	Lever Start	145859	5.2 - 19	58.9 - 215.8	600 - 1200	1 1/3"	10 1/4"	1/4 F/Hex	18.4
NFT450-A ESD	Lever Start	145860	6.1 - 39	68.7 - 441	300 - 600	1 1/3"	10 1/4"	1/4 F/Hex	18.4



STC40 TRANSFORMER

Model: STC40
Item #145754
 Max. Output: 10A
 Output VDC: 30 / 40
 Input VAC: 110 / 230V
 Size (WxDxH): 4 3/8" x 7 1/2" x 2 3/8"
 Weight (lbs.): 1.8



PROGRAM LOCK KEY

Adjust RPM & Soft Start Settings for select models. Program Lock Key must be plugged into the STC40 Transformer. (see page 01.19 for details)

Item #145774



VACUUM ADAPTER KIT

Mounts easily to NF-Series Drivers.
 Accepts different size screws and various length fasteners.
 Allows quick change set-up at a low cost.
 Mounts with threaded torque nut. The driver remains externally adjustable while allowing semi-automatic pickup of non-ferrous fasteners.
 Plug driver into vacuum supply or choose the Vacuum Ejector.
 Mouthpiece and bit purchased separately.

Item #145864



PISTOL GRIP ATTACHMENT

For NF-Series
Item #145789