

Cleco®

A tradition of quality is built into every screwdriver.

Cleco screwdrivers have long been recognized as the assembly tool standard against which all other brands are measured. With over 100 years of precision manufacturing experience built into each tool, Cleco screwdrivers provide users the ultimate in light and medium duty assembly tool performance.

Cleco's long standing tradition of service to the customer has led us to develop an extensive line of screwdrivers with configurations to suit a broad range of applications. Options including multiple reversing methods, different clutch styles, numerous handle alternatives, and a wide variety of accessories provide the building blocks for tool configurations designed to meet our customers' unique assembly requirements.

The Cleco 2 series of inline Clecomatic screwdrivers offer dependable repetitive torque accuracy from .5 to 8 in.-lbs., ideal for miniature assemblies often found in extra light-duty electronics assembly using #0 to #5 screws.

In the light to medium duty assembly tool market, the ergonomically designed Cleco 14 series screwdrivers, with a torque range of 1.7 to 130 in.-lbs., are the ultimate tools for an infinite range of applications including computer, electronics, and appliance assembly.

With a torque range of 15 to 180 in.-lbs (1.7 to

60 MONTH WARRANTY

Cleco® 14 & 8 Series Clecomatic® Screwdrivers

Apex Tool Group warrants the 14 and 8 series Clecomatic screwdrivers and parts to be free from defects in workmanship and material of the life of the tool. The clutch assemblies are warranted for SIXTY MONTHS against failure or wear causing malfunction.

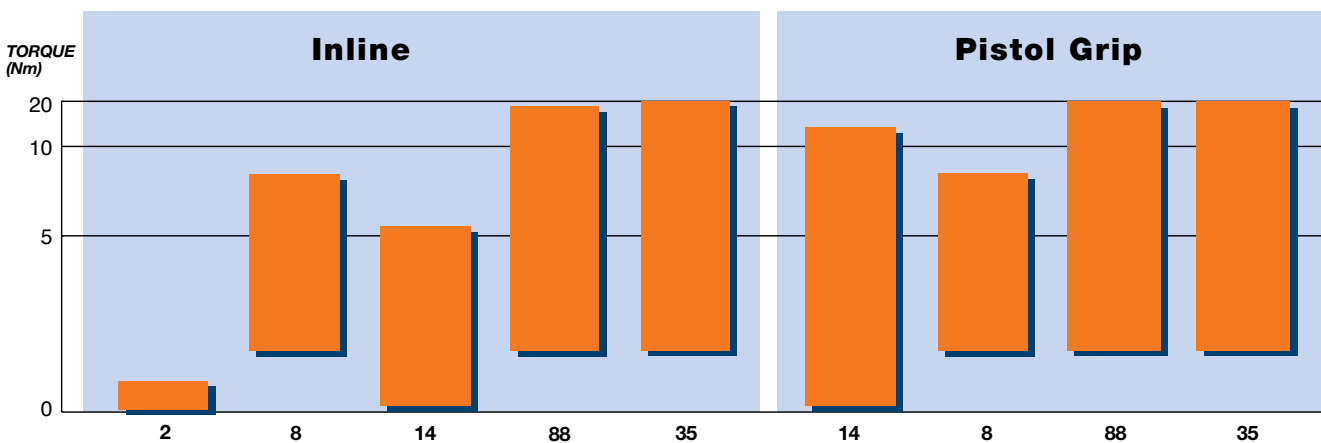
Apex Tool Group's obligation under this warranty is to repair or replace, without charge to the original purchaser, any part which does not meet the warranty outlined above during the active commercial production of this tool. This tool is to be returned to the factory with carrying charges prepaid.

This warranty shall not apply to any product that has been fixture mounted or subjected to misuse, negligence or accident; or in which parts not made or supplied by Apex Tool Group shall have been used; or which shall have been altered or repaired by other than Apex Tool Group personnel in a manner which in the determination of Apex Tool Group shall have affected its operation.

THIS WARRANTY CONSTITUTES THE ENTIRE OBLIGATION OF THE COMPANY RELATING TO THE SALE AND USE OF SUCH PRODUCT AND ITS MAXIMUM LIABILITY IS LIMITED TO THE PURCHASE PRICE OF SUCH PRODUCT. IN NO EVENT SHALL THE COMPANY BE LIABLE FOR CONSEQUENTIAL, INDIRECT, INCIDENTAL OR SPECIAL DAMAGES OF ANY NATURE ARISING FROM THE SALE OF USE OF SUCH PRODUCT.

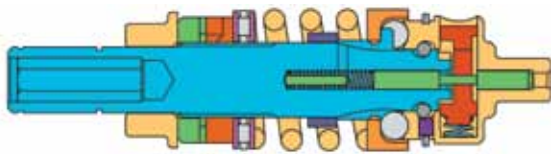
20Nm), the 8 & 88 series Cleco screwdrivers cover the gamut of medium duty assembly applications ranging from lawn and garden equipment to small recreational vehicles, and even automotive.

Capable of running down fasteners as large as 5/16 (M6), the Cleco 35 series screwdrivers are the true workhorses of the medium to heavy-duty screw assembly market.





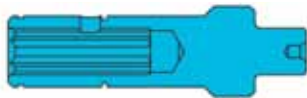
Choose the right tool to match your application.



Clecomatic® Clutch

Clecomatic® Clutch

When tightening a fastener, torque is transmitted through the Clecomatic clutch to the fastener until the clutch can no longer transmit the increasing torque. The clutch then “slips”, which allows an internal mechanism to seal off air to the air motor, shutting off the tool at the user-adjusted preset torque level. This type of torque control allows maximum RPM from the tool for increased productivity. Since the tool doesn't dwell on the fastener as with a stall tool, tool wear and fatigue to the operator is reduced. The life of a Clecomatic tool is up to five times longer than that of a lever-operated, ratcheting clutch screwdriver.



Stall Type

Stall Type

The stall tool doesn't use a clutch but rather the output spindle is coupled to the last stage of gearing. Torque output from a stall tool may be controlled within fairly reasonable limits with an air pressure regulator. Stall type tools are also trigger activated.

CLUTCH SELECTION GUIDE FOR COMMON FASTENING APPLICATIONS

CLUTCH TYPE	APPLICATION	STANDARD BOLT & NUT	SHEET METAL SCREW	STANDARD BOLT & NUT	SELF-TAPPING SCREW	SELF-LOCKING NUT
Clecomatic®		EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT Where seating torque exceeds tapping torque	EXCELLENT
Stall Drive		FAIR Under certain conditions	GOOD Under certain conditions	FAIR Under certain conditions	FAIR Under certain conditions	FAIR

Inline Screwdrivers

2, 14, 8, 88, 35 Series Clecomatic Clutch

Cleco®

2 Series

Torque Range: .06 - .9 Nm 0.5 - 8 In. Lbs.

- Push-to-start
- Push button reverse
- External torque adjustment
- 1/4" quick change chuck

14 Series

Torque Range: .5 - 5.1 Nm 4 - 45 In. Lbs.

- Push-to-start and Push & Lever start
- External torque adjustment
- Bit & Finder & 1/4" quick change chuck

8 Series

Torque Range: 1.7 - 8.5 Nm 15.0 - 75 In. Lbs.

- Push button reverse and non-reversible
- Push-to-start and Push & Lever start
- Bit & Finder and Quick change

88 Series

Torque Range: 1.7 - 19 Nm 15 - 170 In. Lbs.

- Push button reverse and non-reversible
- Push-to-start and Push & Lever start
- Quick change & 3/8" square drive

35 Series

Torque Range: 1.7 - 20 Nm 15 - 180 In. Lbs.

- Quick change and square drive
- Short stroke button reverse
- External torque adjustment (Quick change models)



Model Number		Torque Range		Free Speed	Length*		Weight		Air Consumption		
Bit & Finder*	1/4" Quick Change	in.-lbs.	Nm	RPM	in.	mm	lbs.	kg	Air Inlet NPT	Min. Hose I.D.	SCFM
Push-to-Start - Push Button Reverse											
	2RSA-10B	0.5 - 8	.06 - 0.9	1000	7.60	194	0.5	0.20	1/8"	3/16"	6
	2RSA-10SB**	0.5 - 8	.06 - 0.9	1000	6.40	162	0.5	0.20	1/8"	3/16"	6
	14BPA02Q	4 - 14	0.5 - 1.6	2300	9.05	230	1.4	0.63	1/8"	3/16"	11
	14BPA03Q	4 - 19	0.5 - 2.1	1600	9.25	235	1.4	0.64	1/8"	3/16"	11
	14BPA04Q	3 - 33	0.3 - 3.7	920	9.05	230	1.3	0.61	1/8"	3/16"	11
	14BPA05Q	2 - 45	0.2 - 5.1	560	9.45	240	1.5	0.67	1/8"	3/16"	11
	14BPA06Q	2 - 45	0.2 - 5.1	220	9.45	240	1.5	0.68	1/8"	3/16"	11
Push-to-Start - Collar Reverse											
14SPA02B	14SPA02Q	4 - 19	0.5 - 2.1	2800	9.05	230	1.4	0.63	1/8"	3/16"	11
14SPA03B	14SPA03Q	4 - 26	0.5 - 2.9	1900	9.25	235	1.4	0.64	1/8"	3/16"	11
14SPA04B	14SPA04Q	3 - 40	0.4 - 4.5	1100	9.05	230	1.3	0.61	1/8"	3/16"	11
14SPA05B	14SPA05Q	2 - 45	0.2 - 5.1	660	9.45	240	1.5	0.67	1/8"	3/16"	11
14SPA06B	14SPA06Q	2 - 45	0.2 - 5.1	260	9.45	240	1.5	0.68	1/8"	3/16"	11
Lever Push-to-Start - Collar Reverse											
14SCA02B	14SCA02Q	4 - 19	0.5 - 2.1	2800	9.80	249	1.5	0.69	1/8"	3/16"	11
14SCA03B	14SCA03Q	4 - 26	0.5 - 2.9	1900	10.00	254	1.5	0.70	1/8"	3/16"	11
14SCA04B	14SCA04Q	3 - 40	0.4 - 4.5	1100	9.80	249	1.5	0.66	1/8"	3/16"	11
14SCA05B	14SCA05Q	2 - 45	0.2 - 5.1	660	10.20	259	1.6	0.73	1/8"	3/16"	11
14SCA06B	14SCA06Q	2 - 45	0.2 - 5.1	260	10.20	259	1.6	0.74	1/8"	3/16"	11

*Add .63" (16mm) for bit & finder models

** Short housing

General:

90 psi (620kPa) required for maximum rated torque.

Standard Equipment:

Operating instructions & service manual.
Suspension bail.

All torque springs required to meet indicated torque.
Lever Push-to-Start models include kit to convert to lever only. (301409)

Optional Equipment:

Additional accessories: Pages 16-17
Bits & finders: Page 16
Non-Reverse Kit: 207030
Torque Signal Kit: 301106 (lever only)
Overhose: 207019

Model Number			Torque Range		Free Speed	Length*		Weight		Air Consumption		
Bit & Finder	1/4" Hex Quick Change	3/8" Square Drive	in.-lbs.	Nm	RPM	in.	mm	lbs.	kg	Air Inlet NPT	Min. Hose I.D.	SCFM
Push-to-Start - Push Button Reverse												
8RSA-40	8RSA-40BQ		15 - 25	1.7 - 2.8	3200	8.9	241	2.1	1.0	1/4"	1/4"	19
8RSA-30	8RSA-30BQ		15 - 30	1.7 - 3.4	2500	8.9	241	2.1	1.0	1/4"	1/4"	19
8RSA-20	8RSA-20BQ		15 - 40	1.7 - 4.5	1800	8.9	241	2.1	1.0	1/4"	1/4"	19
8RSA-10	8RSA-10BQ		15 - 65	1.7 - 7.3	800	9.6	260	2.4	1.1	1/4"	1/4"	19
	8RSA-7BQ		15 - 75	1.7 - 8.5	550	9.6	260	2.4	1.1	1/4"	1/4"	19
	8RSA-5BQ		15 - 75	1.7 - 8.5	400	9.6	260	2.4	1.1	1/4"	1/4"	19
	88RSA-7CQ	88RSA-7C-3	15 - 95	1.7 - 10	550	9.5	241	2.6	1.2	1/4"	1/4"	19
	88RSA-5CQ	88RSA-5C-3	15 - 160	1.7 - 18	400	9.5	241	2.6	1.2	1/4"	1/4"	19
Push-to-Start - Non-Reversible												
	8SA-20BQ		15 - 42	1.7 - 4.7	2000	8.5	232	2.0	0.9	1/4"	1/4"	19
8SA-10	8SA-10BQ		15 - 67	1.7 - 7.6	1000	9.1	251	2.3	1.0	1/4"	1/4"	19
	8SA-7BQ		15 - 75	1.7 - 8.5	650	9.1	251	2.3	1.0	1/4"	1/4"	19
	88SA-7CQ		15 - 100	1.7 - 11	650	9.1	232	2.5	1.1	1/4"	1/4"	19
	88SA-5CQ	88SA-5C-3	15 - 170	1.7 - 19	500	9.1	232	2.5	1.1	1/4"	1/4"	19
Push and Lever Start - Push Button Reverse												
8RSAL-20	8RSAL-20BQ		15 - 38	1.7 - 4.3	1800	10.5	282	2.6	1.2	1/4"	1/4"	19
	8RSAL-10BQ		15 - 60	1.7 - 6.8	800	11.3	302	2.9	1.3	1/4"	1/4"	19
	88RSAL-5CQ	88RSAL-5C-3	15 - 160	1.7 - 18	400	11.1	282	3.1	1.4	1/4"	1/4"	19
Inline - Push-to-Start - Push Button Reverse												
	35RSA-20Q		15 - 60	1.7 - 7	1250	9.6	244	2.5	1.1	1/4"	5/16"	24
	35RSA-10Q	35RSA-10-3	15 - 110	1.7 - 12	620	10.4	264	2.8	1.2	1/4"	5/16"	24
	35RSA-7Q		15 - 160	1.7 - 18	410	10.4	264	2.8	1.2	1/4"	5/16"	24
	35RSA-5Q	35RSA-5-3	15 - 180	1.7 - 20	300	10.4	264	2.8	1.2	1/4"	5/16"	24

*Add .63" (16mm) for bit & finder models

General:

90 psi (620kPa) required for maximum rated torque.
Length and weight of finder type tools includes standard length bit & finder.
Weight does not include dead handle.

Standard Equipment:

Operating instructions & service manual
Suspension bail
Dead handle on models above 100 in.lbs. torque cap.
All torque springs required to meet indicated torque

Standard Equipment if Specified:

One bit, finder, and finder spring (bit & finder models)
Grip Sleeve (202346; Push-to-Start models only)
Dead handle (861006)

Optional Equipment:

Additional accessories: Pages 18-19
Bits & finders: Page 18
Torque Springs: Page 19

Pistol Grip Screwdrivers

14 Series Clecomatic Clutch

Cleco®

14 Series

Torque Range: .2 – 14.7 Nm 2.0 – 130 In. Lbs.

- Sliding knob reverse
- External torque adjustment
- Quick change drive
- Convenient top, bottom and rear air inlet (T-handle models)
- Torque signal ports provided
- Trigger and Push & Trigger start



14TCA04Q
"T" Handle

The "T" handle is best for applications that are pre-threaded and the grip on the tool is required to simply guide the tool as the fastener is being tightened.



14PTA04Q
"P" Handle

The "P" handle is best suited for thread cutting fasteners where force must be exerted against the ergonomically shaped "P" handle during the process.



Model Number	Torque Range		Free Speed	Length		Weight		Air Consumption			
	1/4" Quick Change	in.-lbs.		Nm	RPM	in.	mm	lbs.	kg	Air Inlet NPT	Min. Hose I.D.
Push and Trigger Start - T Handle - Clecomatic Clutch											
14TCA02Q	4 - 19	0.5 - 2.1	2800	8.4	214	1.8	0.8	1/8"	3/16"	11	
14TCA03Q	4 - 26	0.5 - 2.9	1900	8.6	219	1.9	0.8	1/8"	3/16"	11	
14TCA04Q	3 - 40	0.3 - 4.5	1100	8.4	214	1.9	0.8	1/8"	3/16"	11	
14TCA05Q	2 - 45	0.2 - 5.1	660	8.8	224	1.9	0.9	1/8"	3/16"	11	
14TCA06Q	2 - 45	0.2 - 5.1	260	8.8	224	1.9	0.9	1/8"	3/16"	11	

Trigger Start - T Handle - Clecomatic Clutch

14TTA02Q	4 - 19	0.5 - 2.1	2800	8.3	211	1.8	0.8	1/8"	3/16"	11
14TTA03Q	4 - 26	0.5 - 2.9	1900	8.5	216	1.9	0.8	1/8"	3/16"	11
14TTA04Q	3 - 40	0.3 - 4.5	1100	8.3	211	1.9	0.8	1/8"	3/16"	11
14TTA05Q	2 - 45	0.2 - 5.1	660	8.7	221	1.9	0.9	1/8"	3/16"	11
14TTA06Q	2 - 45	0.2 - 5.1	260	8.7	221	1.9	0.9	1/8"	3/16"	11
14TTA07Q	21 - 60	2.4 - 6.8	660	10.0	255	2.3	1.0	1/8"	3/16"	11
14TTA10Q	30 - 87	3.4 - 9.8	400	10.2	260	2.3	1.1	1/8"	3/16"	11
14TTA15Q	35 - 130	4.0 - 14.7	250	10.0	255	2.3	1.0	1/8"	3/16"	11

General:

Tool performance rated at 90 psi (620kPa) air pressure.

Standard Equipment:

Operating instructions & service manual
Suspension bail

Dead handle on models above 100 in.-lbs. torque cap.
All torque springs required to meet indicated torque specification

Optional Equipment:

Additional accessories: Pages 16-17

Non-Reverse Kit: 207030

Torque Springs: Page 17

Trigger Signal Kit: 301118

(Trigger w/Clecomatic clutch only)

Overhose: 207107

Push-only Conversion Kit: 301121

Model Number	Torque Range		Free Speed	Length		Weight		Air Consumption			
	1/4" Quick Change	in.-lbs.		Nm	RPM	in.	mm	lbs.	kg	Air Inlet NPT	Min. Hose I.D.
Push and Trigger Start - P Handle - Clecomatic Clutch											
14PCA02Q	4 - 19	0.5 - 2.1	2800	8.2	208	1.7	0.8	1/8"	3/16"	11	
14PCA03Q	4 - 26	0.5 - 2.9	1900	8.4	213	1.8	0.8	1/8"	3/16"	11	
14PCA04Q	3 - 40	0.3 - 4.5	1100	8.2	208	1.7	0.8	1/8"	3/16"	11	
14PCA05Q	2 - 45	0.2 - 5.1	660	8.6	218	1.8	0.8	1/8"	3/16"	11	
14PCA06Q	2 - 45	0.2 - 5.1	260	8.6	218	1.8	0.8	1/8"	3/16"	11	

Trigger Start - P Handle - Clecomatic Clutch

14PTA02Q	4 - 19	0.5 - 2.1	2800	8.1	205	1.7	0.8	1/8"	3/16"	11
14PTA03Q	4 - 26	0.5 - 2.9	1900	8.3	210	1.8	0.8	1/8"	3/16"	11
14PTA04Q	3 - 40	0.3 - 4.5	1100	8.1	205	1.7	0.8	1/8"	3/16"	11
14PTA05Q	2 - 45	0.2 - 5.1	660	8.5	215	1.8	0.9	1/8"	3/16"	11
14PTA06Q	2 - 45	0.2 - 5.1	260	8.5	215	1.8	0.9	1/8"	3/16"	11
14PTA07Q	21 - 60	2.4 - 6.8	660	9.8	249	2.2	1.0	1/8"	3/16"	11
14PTA10Q	30 - 87	3.4 - 9.8	400	10.0	254	2.2	1.0	1/8"	3/16"	11
14PTA15Q	35 - 130	4.0 - 14.7	250	9.8	249	2.2	1.0	1/8"	3/16"	11

General:

Tool performance rated at 90 psi (620kPa) air pressure.

Standard Equipment:

Operating instructions & service manual
Suspension bail

Dead handle on models above 100 in.-lbs. torque cap.
All torque springs required to meet indicated torque specification

Optional Equipment:

Additional accessories: Pages 16-17

Non-Reverse Kit: 301120

Torque Springs: Page 17

Trigger Signal Kit: 301119

(Trigger w/Clecomatic clutch only)

Pistol Grip Screwdrivers

8, 88 & 35 Series Clecomatic Clutch

Cleco®

8 Series

Torque Range: 1.7 – 85 Nm 15 – 75 In. Lbs.

- Bit and finder and quick change
- Reversible
- Trigger, Push-to-Start and Push & Trigger start



88 Series

Torque Range: 1.7 – 20 Nm 15 – 180 In. Lbs.

- Quick change and square drive
- Reversible
- Trigger and Push & Trigger start

35 Series

Torque Range: 1.7 – 20 Nm 15 – 180 In. Lbs.

- Pistol grip
- Quick change and square drive
- Reversible
- Trigger, Push-to-Start and Push & Trigger start



Model Number		Torque Range		Free Speed	Length		Weight		Air Consumption		
1/4" Hex Quick Change	3/8" Square Drive	in.-lbs.	Nm	RPM	in.	mm	lbs.	kg	Air Inlet NPT	Min. Hose I.D.	SCFM
		Push-to-Start - Sliding Knob Reverse									
		15 - 40	1.7 - 4.5	1800	8.5	216	2.8	1.3	1/4"	1/4"	19
		15 - 65	1.7 - 7.3	800	9.3	235	3.0	1.4	1/4"	1/4"	19
		15 - 75	1.7 - 8.5	550	9.3	235	3.0	1.4	1/4"	1/4"	19
Push and Trigger Start - Sliding Knob Reverse											
		15 - 25	1.7 - 2.8	3200	8.5	216	2.8	1.3	1/4"	1/4"	19
		15 - 40	1.7 - 4.5	1800	8.5	216	2.8	1.3	1/4"	1/4"	19
		15 - 65	1.7 - 7.3	800	9.3	235	3.0	1.4	1/4"	1/4"	19
		15 - 75	1.7 - 8.5	550	9.3	235	3.0	1.4	1/4"	1/4"	19
		15 - 75	1.7 - 8.5	400	9.3	235	3.0	1.4	1/4"	1/4"	19
		15 - 95	1.7 - 10	550	9.0	229	3.1	1.4	1/4"	1/4"	19
	88RSAPT-5C-3	15 - 160	1.7 - 18	400	9.0	229	3.1	1.4	1/4"	1/4"	19
		15 - 180	1.7 - 20	200	9.8	248	3.4	1.5	1/4"	1/4"	19
Trigger Start - Sliding Knob Reverse											
		15 - 30	1.7 - 3.4	2500	8.4	213	2.8	1.3	1/4"	1/4"	19
		15 - 40	1.7 - 4.5	1800	8.4	213	2.8	1.3	1/4"	1/4"	19
		15 - 65	1.7 - 7.3	800	9.1	232	3.0	1.4	1/4"	1/4"	19
		15 - 75	1.7 - 8.5	550	9.1	232	3.0	1.4	1/4"	1/4"	19
		15 - 75	1.7 - 8.5	400	9.1	232	3.0	1.4	1/4"	1/4"	19
	88RSATP-7C-3	15 - 95	1.7 - 10	550	8.9	225	3.1	1.4	1/4"	1/4"	19
	88RSATP-5C-3	15 - 160	1.7 - 18	400	8.9	225	3.1	1.4	1/4"	1/4"	19
	88RSATP-2C-3	15 - 180	1.7 - 20	200	9.6	245	3.4	1.5	1/4"	1/4"	19

General:

Tool performance rated at 90 psi (620kPa).
Weight does not include dead handle

Standard Equipment:

Operating instructions & service manual
Dead handle on all models above 100 in.lbs. torque
All torque springs required to meet indicated torque

Standard Equipment if Specified:

Dead handle (861006)

Optional Equipment:

Additional accessories: Pages 16-17
Bits & finders: Page 16
Torque Springs: Page 17

Model Number		Torque Range		Free Speed	Length		Weight		Air Consumption		
1/4" Hex Quick Change	3/8" Square Drive	in.-lbs.	Nm	RPM	in.	mm	lbs.	kg	Air Inlet NPT	Min. Hose I.D.	SCFM
		Push-to-Start - Sliding Knob Reverse									
		15 - 60	2 - 7	1550	9.1	232	3.1	1.4	1/4"	5/16"	24
		15 - 110	2 - 12	770	9.9	251	3.4	1.5	1/4"	5/16"	24
		15 - 160	2 - 18	510	9.9	251	3.4	1.5	1/4"	5/16"	24
Push and Trigger Start - Sliding Knob Reverse											
		15 - 60	2 - 7	1500	9.1	232	3.1	1.4	1/4"	5/16"	24
		15 - 110	2 - 12	750	9.9	251	3.4	1.5	1/4"	5/16"	24
		15 - 160	2 - 18	500	9.9	251	3.4	1.5	1/4"	5/16"	24
		15 - 180	2 - 20	350	9.9	251	3.4	1.5	1/4"	5/16"	24
Trigger Start - Sliding Knob Reverse											
		15 - 60	2 - 7	1500	9.0	229	3.1	1.4	1/4"	5/16"	24
	35RSATP-10-3	15 - 110	2 - 12	750	9.8	248	3.4	1.5	1/4"	5/16"	24
		15 - 160	2 - 18	500	9.8	248	3.4	1.5	1/4"	5/16"	24
	35RSATP-5-3	15 - 180	2 - 20	350	9.8	248	3.4	1.5	1/4"	5/16"	24

General:

Tool performance rated at 90 psi (620kPa).
Weight does not include dead handle

Standard Equipment:

Operating instructions & service manual
Dead handle on all models above 100 in.lbs. torque
All torque springs required to meet indicated torque

Standard Equipment if Specified:

Dead handle (861006)

Optional Equipment:

Additional accessories: Pages 16-17
Torque Springs: Page 17

Screwdrivers

14 & 8 Series Stall

Cleco®

14 & 8 Series Stall

Torque Range: 2.1 – 12.4 Nm 19 – 110 In. Lbs.

- Pistol
- 1/4" hex quick change drive
- Trigger start
- Convenient top, bottom and rear air inlet (14 Series T-handle models)
- "P" and "T" style handles (14 series)
- Sliding knob reverse (8 & 14 series)
- Push button reverse (8 series)



Model Number	Torque Range		Free Speed RPM	Length		Weight		Air Consumption		
	in.-lbs.	Nm		in.	mm	lbs.	kg	Air Inlet NPT	Min. Hose I.D.	SCFM
Trigger Start - T Handle - Sliding Knob Reverse										
14TTS02Q	19	2.1	2800	6.5	166	1.6	0.7	1/8"	3/16"	11
14TTS03Q	27	3.1	1900	6.8	171	1.6	0.7	1/8"	3/16"	11
14TTS04Q	40	4.5	1100	6.5	166	1.6	0.7	1/8"	3/16"	11
14TTS05Q	45	5.1	660	6.9	175	1.8	0.8	1/8"	3/16"	11
8RNP-20BQ	44	5.0	1800	5.4	137	2.1	1.0	1/4"	1/4"	19
8RNP-10BQ	70	7.9	800	6.1	156	2.4	1.1	1/4"	1/4"	19
Trigger Start - P Handle - Sliding Knob Reverse										
14PTS02Q	19	2.1	2800	6.3	161	1.5	0.7	1/8"	3/16"	11
14PTS03Q	27	3.1	1900	6.5	166	1.5	0.7	1/8"	3/16"	11
14PTS04Q	40	4.5	1100	6.3	161	1.5	0.7	1/8"	3/16"	11
14PTS05Q	45	5.1	660	6.7	170	1.7	0.8	1/8"	3/16"	11
Trigger Start - Pistol Grip - Push Button Reverse										
8RNO-20BQ	44	5.0	1800	6.0	152	2.0	0.9	1/4"	1/4"	19
8RNO-10BQ	70	7.9	800	6.8	171	2.3	1.0	1/4"	1/4"	19
8RNO-7BQ	110	12.4	550	6.8	171	2.3	1.0	1/4"	1/4"	19

General:

Tool performance rated at 90 psi (620kPa).

Standard Equipment:

Operating instructions & service manual

Suspension ball

All torque springs required to meet indicated torque

Dead handle on all models above 100 in.lbs. torque

Standard Equipment if Specified:

Dead handle (861006; 8 series models)

Optional Equipment:

Additional accessories: Pages 22-24

Bits: Page 22

Non-Reverse Kit:

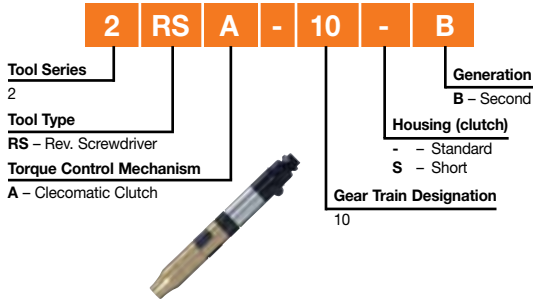
14 series T Handle: 207030

14 series P Handle: 301120

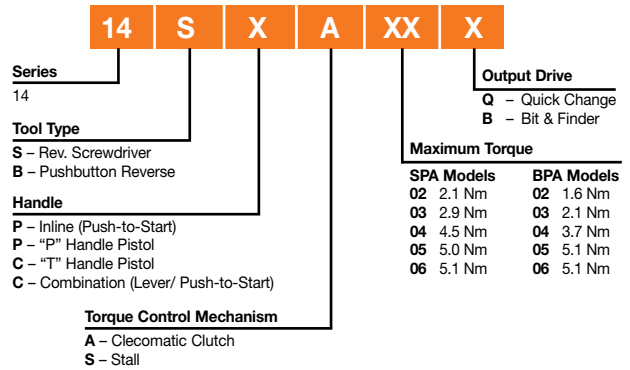
Overhose:

14 series T Handle: 207107

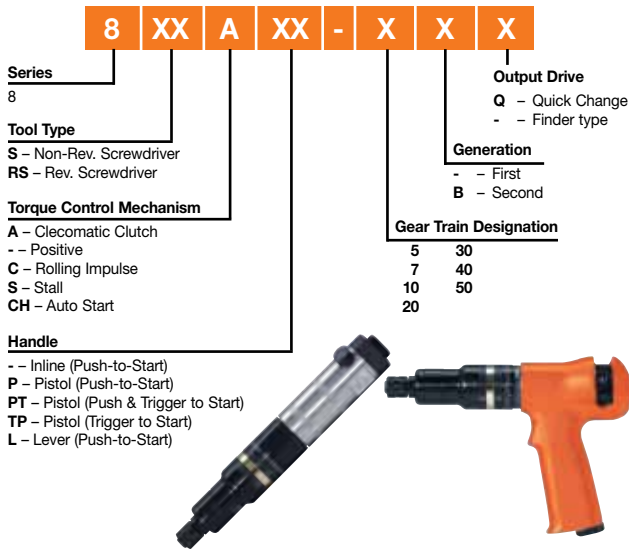
Cleco 2 Series



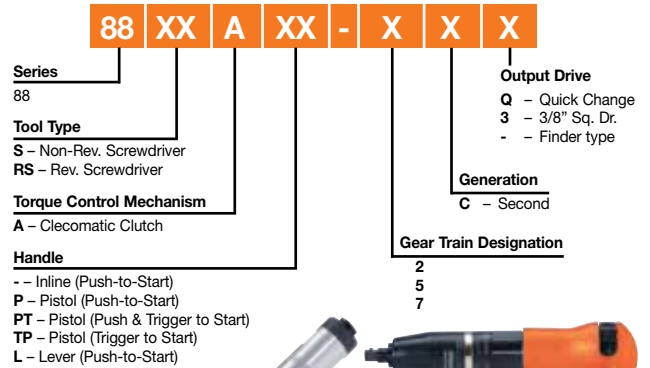
Cleco 14 Series



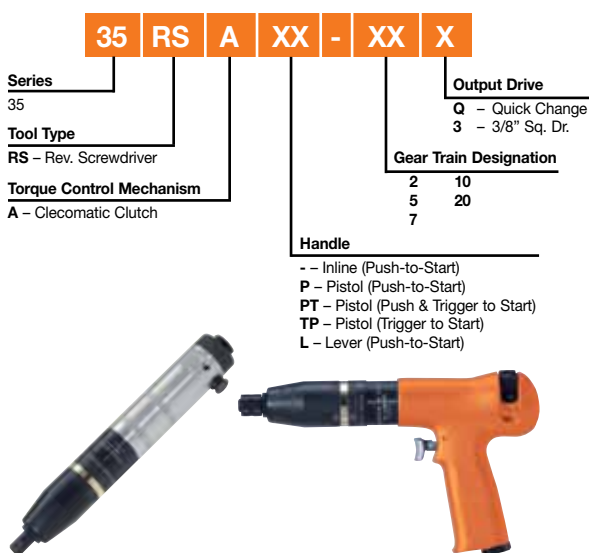
Cleco 8 Series



Cleco 88 Series

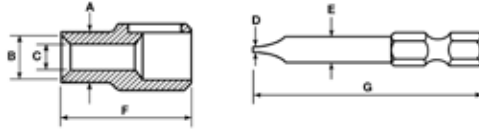


Cleco 35 Series



Screwdriver Accessories

Standard and Extended Flat Bits and Finders



Screw Size	Standard Length (F=1 3/16 in.; G= 1 15/16 in.)		Finder Dimensions (in.)			Bit Dimensions (in.)		Extended Length (F=2 1/4 in.; G= 3 in.)	
	Bit No.	Finder No.	A	B	C	D	E	Bit No.	Finder No.
1F- 2R	849617	847299	.22	.169	.128	.026	.122	849891	847481
2F- 3R	849843	863242	.250	.196	.140	.028	.134	849879	847480
3F- 4R	849618	847300	.285	.228	.160	.032	.154	849892	847482
4F- 5R	849153	847301	.315	.259	.193	.034	.187	849893	847483
5F- 6R	849619	847302	.345	.291	.221	.036	.215	849894	847484
6F- 8R	849154	847303	.380	.323	.256	.038	.250	849895	847485
8F-10R	849620	847294	.445	.386	.281	.042	.275	849896	847486
10F-12R	849155	847304	.530	.431	.318	.046	.312	849897	847487
12F-14R	849156	847305	.590	.513	.366	.050	.360	849898	847488

Finder Springs

Light Force

844000

Medium Force

865728

Phillips Bits and Support Bushings



Phillips Bit Point Size	Bit Body Diameter (in.)	Phillips Bit Part No.	Support Bushing* Part No.
Standard: 1/4 in. Hex Shank Bit – 2 3/4 in. O.A. Length; Bushing – 1 3/16 in. O.A. Length			
1	3/16	809451	847301
2	1/4	809470	847303
3	5/16	809471	847304
Extended: 1/4 in. Hex Shank Bit – 3 1/2 in. O.A. Length; Bushing – 2 1/4 in. O.A. Length			
1	3/16	809453	847483
2	1/4	809473	847485
3	5/16	809474	847487

*Bushing not required on Quick Change models.

Bit Holders and Support Bushings



1/4" Hex Drive Magnetic Bit Holder
Part No. 849325 (2 3/8" O.A. Length)
Magnetic Support Bushing* Part No. 849621
Nonmagnetic Support Bushing* Part No. 847245
Quick-Change Bushing Part No. 201203
Fits all finder type tools except No. 2 Screwdriver
*Bushing not required on Quick Change models.

Screw Sizes & Types



Screw Size	Approximate Thread Body Diameter (inches)	Maximum Head Diameter (inches)							Width of Slot Max. - Min. (inches)
		Round Head	Flat Head	Oval Head	Fillister Head	Pan Head	Binding Head	Truss Head	
0	.058	.113	.119	.119	.096	.116	-	.131	.023 - .016
1	.071	.138	.146	.146	.118	.142	-	.164	.026 - .019
2	.084	.162	.172	.172	.140	.167	.181	.194	.031 - .023
3	.096	.187	.199	.199	.161	.193	.208	.226	.035 - .027
4	.109	.211	.225	.225	.183	.219	.235	.257	.039 - .031
5	.122	.236	.252	.252	.205	.245	.263	.289	.043 - .035
6	.135	.260	.279	.279	.226	.270	.290	.321	.048 - .039
8	.161	.309	.332	.332	.270	.322	.344	.384	.054 - .045
10	.187	.359	.385	.385	.313	.373	.399	.448	.060 - .050
12	.213	.408	.438	.438	.357	.425	.454	.511	.067 - .056
1/4	.247	.472	.507	.507	.414	.492	.513	.573	.075 - .064
5/16	.309	.590	.635	.635	.518	.615	.641	.698	.084 - .072