

Handheld Screwdriver electric



342EGA-0088/342EGA-0120



342EGA-0029 to 342EGA-0049



342EGT-0012 to 342EGT-0019



342EGT-0003 with screwdriver cable

Electric Screwdrivers equipped with a mechanical shut-off-clutch



Ideal for basic applications in environments without compressed air

- economical
- air independent

The cost-effective electric screwdriver with mechanical shut-off clutch is a good alternative if no pneumatic connection is available. Our range of handheld electric screwdrivers provides the customer with the familiar quality features of DEPRAG screwdriving systems. This ergonomic screwdriver is available with varying functions such as e.g. push-to-start or lever start. For all screwdriver types speed regulation is possible. Seven performance classes cover the application areas for precision engineering screw assemblies up to M6 or 12 Nm. The separate electricity supply of 32 V and 40 V extra-low voltage ensures safe usage.

Our standard program for inserting tools is applicable.

Electric Screwdrivers equipped with a mechanical shut-off-clutch

Drive: The screwdriver is equipped with a brushless drive motor with low voltage supply. The high degree of efficiency of the EC motor results in a larger torque and speed range in a lower weight and smaller diameter screwdriver.

Power range: Throughout the four sizes, shut-off torque can be set from 0.04 to 12 Nm. The high speeds of up to 1000 rpm guarantee short screw cycle times.

Precision: Torque accuracies of <3% standard deviation and thus Cmk values of ≥ 1.67 with a tolerance of $\pm 15\%$ can be reached * with these electric handheld screwdrivers. Statistically speaking, the error rate is less than 0.6 per one million screw assemblies.

*) under suitable process conditions

ESD capability: All screwdrivers fulfil the requirements for the processing of ESD-sensitive components.

Electricity supply: The power units have a wide range of input voltages and can be used worldwide in connection with country-specific power cables.

Technical Data – Electric Screwdrivers, handheld, straight								
Screwdriver reversible right shut-off, lever-start	Type	342EGT-0003	342EGT-0012	342EGT-0019	342EGT-0029	342EGT-0049	342EGT-0088	342EGT-0120
	Part no.	454500A	454501A	454502A	454503A	454504A	454505A	454512A
Screwdriver reversible right shut-off, push-to-start	Type	-	342EGA-0012	342EGA-0019	342EGA-0029	342EGA-0049	342EGA-0088	342EGA-0120
	Part no.	-	454506A *)	454507A *)	454508A *)	454509A *)	454510A	454511A
Screws	up to	M2	M3	M4	M4	M5	M6	M6
Torque min.	Nm / in.lbs	0.04 / 0.4	0.15 / 1.3	0.3 / 2.6	1 / 8.85	2 / 17.7	3 / 26.5	4 / 35.4
Torque max.	Nm / in.lbs	0.3 / 2.6	1.2 / 10.6	1.9 / 16.8	2.9 / 25.7	4.9 / 43.4	8.8 / 77.9	12 / 106.2
Speed – reversible	rpm	700/1000	700/1000	700/1000	750/1000	750/1000	600/800	400/550
Handle – diameter	mm / in.	30 / 1.2	36 / 1.4	36 / 1.4	40 / 1.6	40 / 1.6	46 / 1.8	46.5 / 1.81
Length	mm / in.	210 / 8.2	238 / 9.3	238 / 9.3	277 / 10.8	277 / 10.8	310 / 12	310 / 12
Weight	kg / lbs	0.39 / 0.86	0.52 / 1.14	0.52 / 1.14	0.8 / 1.76	0.8 / 1.76	1.2 / 2.64	1.2 / 2.64
Noise level	dB (A)	66	68	68	68	68	68	68
Line voltage	V	32	32	32	40	40	40	40
Quick change chuck								
Hex female DIN ISO 1173		F6.3	F6.3	F6.3	F6.3	F6.3	F6.3	F6.3

Suitable tool inserts and connecting components with a drive as per DIN ISO 1173 – E6.3 (1/4"), see also our brochure D3320E.

*) Also available in combination with feeder.

Required Accessories								
Screwdriver cable (2m/6.6ft.) standard	Part no.	included in delivery	833783	833783	833783	833783	833783	833783
alternative:								
Screwdriver cable (3m/9.8ft.)	Part no.	-	834034	834034	834034	834034	834034	834034
Screwdriver cable (6m/19.6ft.)	Part no.	-	143359	143359	143359	143359	143359	143359
Spiral cable (2m/6.6ft.)	Part no.	-	834036	834036	834036	834036	834036	834036
Power unit	Type	NG32-100W	NG32-100W	NG32-100W	NG40-200W	NG40-200W	NG40-360W	NG40-360W
	Part no.	833770	833770	833770	834500	834500	146034	146034
Source (AC)	V/Hz	110-240/50-60	110-240/50-60	110-240/50-60	100-240/50-60	100-240/50-60	100-240/50-60	100-240/50-60
Output (DC)	V	32	32	32	40	40	40	40
Dimensions L x W x H	mm	150x48x130	150x48x130	150x48x130	210x135x70	210x135x70	210x135x70	210x135x70
Weight	in.	5.85x1.87x5.07	5.85x1.87x5.07	5.85x1.87x5.07	8.19x5.26x2.73	8.19x5.26x2.73	8.19x5.26x2.73	8.19x5.26x2.73
	kg / lbs	0.95 / 2.09	0.95 / 2.09	0.95 / 2.09	1.8 / 3.96	1.8 / 3.96	1.8 / 3.96	1.8 / 3.96
Power cable EU	Type	KN-C5/EU	KN-C5/EU	KN-C5/EU	KN-C13/EU	KN-C13/EU	KN-C13/EU	KN-C13/EU
	Part no.	833787 (1.5m)	833787 (1.5m)	833787 (1.5m)	833790 (2m)	833790 (2m)	833790 (2m)	833790 (2m)
alternative:		816130 (3m)	816130 (3m)	816130 (3m)				
Power cable US	Type	KN-C5/US	KN-C5/US	KN-C5/US	KN-C13/US	KN-C13/US	KN-C13/US	KN-C13/US
	Part no.	833788 (1.5m)	833788 (1.5m)	833788 (1.5m)	833791 (2m)	833791 (2m)	833791 (2m)	833791 (2m)
Power cable UK	Type	KN-C5/UK	KN-C5/UK	KN-C5/UK	KN-C13/UK	KN-C13/UK	KN-C13/UK	KN-C13/UK
	Part no.	833789 (1.5m)	833789 (1.5m)	833789 (1.5m)	833792 (2m)	833792 (2m)	833792 (2m)	833792 (2m)
Power cable Brazil	Type	KN-C5/BR	KN-C5/BR	KN-C5/BR	KN-C13/BR	KN-C13/BR	KN-C13/BR	KN-C13/BR
	Part no.	105624 (1.8m)	105624 (1.8m)	105624 (1.8m)	207388 (1.8m)	207388 (1.8m)	207388 (1.8m)	207388 (1.8m)
Power cable China	Type	KN-C5/CN	KN-C5/CN	KN-C5/CN	KN-C13/CN	KN-C13/CN	KN-C13/CN	KN-C13/CN
	Part no.	105622 (1.8m)	105622 (1.8m)	105622 (1.8m)	832927(2.5m)	832927(2.5m)	832927(2.5m)	832927(2.5m)

Optional equipment

Suitable for Type		342EGT-0003	342EGT-0012	342EGT-0019	342EGT-0029	342EGT-0049	342EGT-0088	342EGT-0120
		-	342EGA-0012	342EGA-0019	342EGA-0029	342EGA-0049	342EGA-0088	342EGA-0120
Pistol grip (for use as pistol grip screwdriver)	Type	-	PG2-EGT	PG2EGT	PG3-EGT	PG3-EGT	-	-
	Part no.	-	816054	816054	8337941	8337941	-	-
	Type	-	PG2-EGA	PG2-EGA	PG3-EGA	PG3-EGA	-	-
	Part no.	-	816053	816053	833794	833794	-	-
Screwdriver adaptor with sleeve (for torque support with linear stand or parallelogram stand)	Part no.	4008330E	4008330B	4008330B	4008330C	4008330C	4008330D	4008330D
Screwdriver adaptor without sleeve (in conjunction with mouthpiece guide or vacuum connection)	Part no.	4008330H	4008330F	4008330F	4008330G	4008330G	-	-
Handle	Type	-	-	-	-	-	HG4-EGA/EGT	HG4-EGA/EGT
	Part no.	-	-	-	-	-	8337942	8337942
Slow-Start Module without process monitoring (connection between power unit and screwdriver)	Type	SL	SL	SL	SL	SL	SL	SL
	Part no.	103305	103305	103305	103305	103305	103305	103305
Slow-Start Module with process monitoring (connection between power unit and screwdriver)	Type	PK	PK	PK	PK	PK	PK	PK
	Part no.	816699	816699	816699	816699	816699	816699	816699
Note: screwdriver cable 146336 is included in delivery of the slow-start module.								
Protective sleeve - metal design (as an alternative to the plastic adjust-able protection included in delivery)	Type	HS1-1	HS2-1	HS2-1	HS3-1	HS3-1	-	-
	Part no.	421322	419336	419336	419447	419447	-	-
Torque setting tool (to set the torque without disassembling the protective sleeve)	Type	WK1	WK2	WK2	WK3	WK3	-	-
	Part no.	834133	834134	834134	834135	834135	-	-
Vacuum connector	Part no.	104750A	418477A	418477A	418446E	418446E	-	-
Mouthpiece guide (in conjunction with feeder)	Part no.	425395C	425395B	425395B	425395A	425395A	-	-
Bit length	mm/in.	152/5.93	152/5.93	152/5.93	152/5.93	152/5.93	-	-
Max. stroke	mm/in.	45/1.75	55/2.15	55/2.15	60/2.34	60/2.34	-	-
Max. length of sleeve	mm/in.	33/1.29	36/1.4	36/1.4	40/1.56	40/1.56	-	-

 <p>Power unit NG32</p>	 <p>Screwdriver adaptor for torque support with linear stand or parallelogram stand.</p>	<p>Slow-Start Module</p> <ul style="list-style-type: none"> → enables a screwdriving step with low speed before screwdriving to torque → soft start to ensure proper bit engagement → duration and speed of the steps can be adjusted → module type PK <ul style="list-style-type: none"> - can be used in conjunction with a PLC to control the process - signals for „direction of rotation“, „shut-off“ and „external start release“ 
<p>With pistol grip PG2-/3-- the electric screwdriver (straight version) can also be used as pistol grip screwdriver.</p> 	 <p>Handle Type HG4-EGA/EGT can be optionally used with screwdriver type 342EGT/EGA-0088.</p>	<p>Torque setting tool</p> <ul style="list-style-type: none"> → for torque setting without disassembly of the protective sleeve → when frequent changes of the shut-off torque are necessary. 

Remark:

Details on our feeding systems can be found in brochure D3820E.

DEPRAG

DEPRAG SCHULZ GMBH u. CO. KG

P.O. Box 1352 | D-92203 Amberg

Carl-Schulz-Platz 1 | D-92224 Amberg

Phone: +49 9621 371-0 | Fax: +49 9621 371-120

www.deprag.com | info@deprag.de

CERTIFIED AS PER DIN EN ISO 9001
