



Screwdriving technology

Automation

Air motors

Air tools

**DEPRAG**

**Handheld Screwdriver electric**

## 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.

Six performance classes cover the application areas for precision engineering screw assemblies up to M6 or 8.8 Nm. The torque set on the mechanical shut-off clutch has an accuracy of  $\pm 3\%$  standard deviation.

The separate electricity supply of 32 V and 40 V extra-low voltage ensures safe usage.

Our standard program for inserting tools is applicable.



342EGA-0088

342EGA-0029 to 342EGA-0049

342EGT-0012 to 342EGT-0019

342EGT-0003 with screwdriver cable



## 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.

Throughout the four sizes, shut-off torque can be set from 0.04 to 8.8 Nm. The high speeds of up to 1000 rpm guarantee short screw cycle times.

## Precision

Under suitable processing conditions Cmk-values of >1.67 are reached with a tolerance of ±10%.

## 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.

## Power range

## TECHNICAL DATA Electric Screwdrivers, handheld, straight

Screwdriver reversible	Type	342EGT-0003	342EGT-0012	342EGT-0019	342EGT-0029	342EGT-0049	342EGT-0088
Lever-Start	Part no.	385774 A	385775 A	385776 A	385777 A	385778 A	385783 A
Screwdriver reversible	Type	-	342EGA-0012	342EGA-0019	342EGA-0029	342EGA-0049	342EGA-0088
Push-to-Start	Part no.	-	385779 A	385780 A	385781 A	385782 A	385786 A
Screws	up to	M2	M3	M4	M4	M5	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
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
Speed – reversible	rpm	700/1000	700/1000	700/1000	750/1000	750/1000	600/800
Handle – diameter	mm / in.	30 / 1.2	36 / 1.4	36 / 1.4	40 / 1.6	40 / 1.6	46 / 1.8
Length	mm / in.	210 / 8.2	238 / 9.3	238 / 9.3	277 / 10.8	277 / 10.8	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
Noise level	dB (A)	66	68	68	68	68	68
Line voltage	V	32	32	32	40	40	40
Quick change chuck							
Hex female DIN ISO 1173		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 D 3320 E.

## REQUIRED ACCESSORIES

Screwdriver cable (2m)	Type	included in delivery	KS2-2m	KS2-2m	KS3-2m	KS3-2m	KS3-2m
	Part no.		833782	833782	833783	833783	833783
Power unit	Type	NG32	NG32	NG32	NG40	NG40	NG40
	Part no.	833770	833770	833770	834500	834500	834500
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
Output (DC)	V	32	32	32	40	40	40
Dimensions L x W x H	mm	150x48x130	150x48x130	150x48x130	210x135x70	210x135x70	210x135x70
	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
Weight	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
Power cable EU for NG32 (1.5m)	Type	KN-NG32-EU	KN-NG32-EU	KN-NG32-EU	-	-	-
	Part no.	833787	833787	833787	-	-	-
alternative:							
Power cable US for NG32 (1.5m)	Type	KN-NG32-US	KN-NG32-US	KN-NG32-US	-	-	-
	Part no.	833788	833788	833788	-	-	-
alternative:							
Power cable UK for NG32 (1.5m)	Type	KN-NG32-UK	KN-NG32-UK	KN-NG32-UK	-	-	-
	Part no.	833789	833789	833789	-	-	-
Power cable EU for NG40 (2m)	Type	-	-	-	KN-NG40-EU	KN-NG40-EU	KN-NG40-EU
	Part no.	-	-	-	833790	833790	833790
alternative:							
Power cable US for NG40 (2m)	Type	-	-	-	KN-NG40-US	KN-NG40-US	KN-NG40-US
	Part no.	-	-	-	833791	833791	833791
alternative:							
Power cable UK for NG40 (2m)	Type	-	-	-	KN-NG40-UK	KN-NG40-UK	KN-NG40-UK
	Part no.	-	-	-	833792	833792	833792

## OPTIONAL EQUIPMENT

Suitable for Type		342EGT-0003	342EGT-0012	342EGT-0019	342EGT-0029	342EGT-0049	342EGT-0088
		-	342EGA-0012	342EGA-0019	342EGA-0029	342EGA-0049	342EGA-0088
<b>Pistol grip</b> (for use as pistol grip screwdriver)	<b>Type</b>	-	<b>PG2-EGT</b>	<b>PG2EGT</b>	<b>PG3-EGT</b>	<b>PG3-EGT</b>	-
	Part no.	-	816054	816054	8337941	8337941	-
	<b>Type</b>	-	<b>PG2-EGA</b>	<b>PG2-EGA</b>	<b>PG3-EGA</b>	<b>PG3-EGA</b>	-
	Part no.	-	816053	816053	833794	833794	-
<b>Screwdriver adaptor</b> (for torque support with linear stand or parallelogram stand)	Part no.	4008330E	4008330B	4008330B	4008330C	4008330C	4008330D
	<b>Type</b>	-	-	-	-	-	<b>HG4-EGA/EGT</b>
Handle	Part no.	-	-	-	-	-	8337942
<b>Slow-Start Module*</b> (connection between power unit and screwdriver)	<b>Type</b>	<b>SL</b>	<b>SL</b>	<b>SL</b>	<b>SL</b>	<b>SL</b>	<b>SL</b>
	Part no.	833793	833793	833793	833793	833793	833793
<b>Interface Process Monitoring consisting of:</b> Interface cable for PLC connection and optoelectric coupler modules	<b>Type</b>	<b>342E-SPS</b>	<b>342E-SPS</b>	<b>342E-SPS</b>	<b>342E-SPS</b>	<b>342E-SPS</b>	<b>342E-SPS</b>
	Part no.	428002 A	428002 A	428002 A	428002 A	428002 A	428002 A
<b>Protective sleeve - metal design</b> (as an alternative to the plastic adjustable protection included in delivery)	<b>Type</b>	<b>HS1-1</b>	<b>HS2-1</b>	<b>HS2-1</b>	<b>HS3-1</b>	<b>HS3-1</b>	-
	Part no.	421322	419336	419336	419447	419447	-
<b>Torque setting tool</b> (to set the torque without disassembling the protective sleeve)	<b>Type</b>	<b>WK1</b>	<b>WK2</b>	<b>WK2</b>	<b>WK3</b>	<b>WK3</b>	-
	Part no.	834133	834134	834134	834135	834135	-
<b>Screwdriver cable, additional options:</b> Straight cable, length 3 m / 9.8 ft.	Part no.	-	834034	834034	834034	834034	834034
	Spiral cable, length 2 m / 6.6 ft.	Part no.	-	834036	834036	834036	834036

\*) with connection socket for the extension „Process monitoring“

 <p><b>Power unit NG32</b></p> <p><b>Power unit NG40</b></p>	 <p><b>Screwdriver adaptor</b> for torque support with linear stand or parallelogram stand.</p>	<p><b>Slow-Start Module</b></p> <ul style="list-style-type: none"> <li>→ enables a screwdriving step with low torque before screwdriving to torque</li> <li>→ for use as "establishing step" or "soft run"</li> <li>→ duration and speed of the steps can be adjusted</li> <li>→ connection between power unit and screwdriver</li> <li>→ with connection socket for the extension "Process monitoring"</li> </ul> 
<p>With <b>pistol grip PG2-/3-..</b> the electric screwdriver (straight version) can also be used as pistol grip screwdriver.</p> 	 <p><b>Handle Type HG4-EGA/EGT</b> can be optionally used with screwdriver type 342EGT/EGA-0088.</p>	<p><b>Torque setting tool</b></p> <ul style="list-style-type: none"> <li>→ for torque setting without disassembly of the protective sleeve</li> <li>→ when frequent changes of the shut-off torque are necessary.</li> </ul> 

# DEPRAG

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CERTIFIED AS PER DIN EN ISO 9001

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