



Screwdriving technology

Automation

Air motors

Air tools

DEPRAG

MINIMAT

MINIMAT-Screwdrivers straight handle design

from 0.2 - 20 Nm (2 - 177 in.lbs)

- **Control Screwdrivers for the highest torque accuracy**
- **19 different speeds**
- **All models have integrated Quick Change Chucks**
- **Ergonomically designed for long life and low noise**

accuracy; independent of air pressure fluctuations or kind of screw joint.

Drivers are usually push-to-start. For special cases e.g. assembly of spring clamps, screwdriver models with lever start are available.

DEPRAG-MINIMAT-drivers with straight handle design are preferably used for vertical assemblies. As with all the other tools in this series, the driver shuts-off with a high

The ergonomic design of the housing guarantees low fatigue operation. The available speeds and torque capacities enable the tools to adapt to any assembly requirement. Outstanding quality guarantees long life.



TECHNICAL DATA

Screwdriver Style			Motor Size 1			
Driver reversible, right shut-off Push To Start	type		347-218 U	347-318 U	347-518 U	347-618 U
	order no.		397060 A	397060 B	397060 C	397060 D
screws	up to		M3	M3	M3	M3
torque min.	Nm/in.lbs		0.3/2.7	0.3/2.7	0.2/1.8	0.2/1.8
torque max.	Nm/in.lbs		1/8.85	1.4/12.4	2/17.7	2/17.7
speed, idling	rpm		1900	1300	900	600
air consumption	m ³ /min/cfm		0.23/8	0.23/8	0.23/8	0.23/8
main body dia.	mm/in		28/1 ¹ / ₈	28/1 ¹ / ₈	28/1 ¹ / ₈	28/1 ¹ / ₈
length	mm/in		203/7.9	203/7.9	203/7.9	203/7.9
weight	kg/lbs		0.4/0.9	0.4/0.9	0.4/0.9	0.43/0.95
noise level	dB (A)		62	62	62	62
air hose dia.	mm/in.		6 ¹ / ₄	6 ¹ / ₄	6 ¹ / ₄	6 ¹ / ₄
hose dia for screw suction	mm/in.		3 ¹ / ₈	3 ¹ / ₈	3 ¹ / ₈	3 ¹ / ₈
internal hex. drive DIN 3126			F6.3 (1/4")	F6.3 (1/4")	F6.3 (1/4")	F6.3 (1/4")
quick change chuck, mounted			yes	yes	yes	yes

Performance data relate to an air pressure of 6.3 bar (90 PSI)

Screwdriver Style			Motor Size 2				
Driver reversible, right shut-off Push To Start	type		347-228 U	347-728 U	347-328 U	347-428 U	347-528 U
	order no.		386363 A	386363 E	386363 B	386363 D	386363 C
Driver reversible, right shut-off Lever Start	type		347-221 U	347-721 U	347-321 U	347-421 U	347-521 U
	order no.		386364 A	386364 E	386364 B	386364 D	386364 C
screws	up to		M4	M4	M4	M4	M5
torque min.	Nm/in.lbs		0.5/4.4	0.4/3.5	0.4/3.5	0.4/3.5	0.3/2.7
soft pull-up max.	Nm/in.lbs		1.3/11.5	1.8/15.9	2.4/21.2	3.5/31	5/44.3
hard pull-up max.	Nm/in.lbs		1.8/15.9	2.0/17.7	2.8/24.8	4/35.4	5/44.3
speed, idling	rpm		3000	1600	1100	750	500
air consumption	m ³ /min/cfm		0.3/11	0.3/11	0.3/11	0.3/11	0.3/11
main body dia.	mm/in		33/1 ⁵ / ₁₆	33/1 ⁵ / ₁₆	33/1 ⁵ / ₁₆	33/1 ⁵ / ₁₆	33/1 ⁵ / ₁₆
length	mm/in		223/8 ²⁵ / ₃₂	223/8 ²⁵ / ₃₂	223/8 ²⁵ / ₃₂	223/8 ²⁵ / ₃₂	223/8 ²⁵ / ₃₂
weight	kg/lbs		0.69/1.5	0.69/1.5	0.69/1.5	0.69/1.5	0.69/1.5
noise level	dB (A)		67	67	67	67	67
air hose dia.	mm/in.		6 ¹ / ₄	6 ¹ / ₄	6 ¹ / ₄	6 ¹ / ₄	6 ¹ / ₄
internal hex. drive DIN 3126			F6.3 (1/4")	F6.3 (1/4")	F6.3 (1/4")	F6.3 (1/4")	F6.3 (1/4")
quick change chuck, mounted			yes	yes	yes	yes	yes

Performance data relate to an air pressure of 6.3 bar (90 PSI)

Standard Equipment:

Hose coupling with nozzle and nipple · Set of Torque Adjustment Tools · Set of Clutch Springs

Optional Equipment:		Motor Size 1	Motor Size 2
Exhaust Hose (1 m / 3.3 ft.)	order no.	402957 D	389653 A
Support Ring for Screwdriver with Push To Start	order no.	3870321	389775 A
Spring Sleeve cpl.	order no.	364672 A	364672 A
Spring Sleeve cpl., with vacuum connection (in connection with finder, see leaflet: Inserting Tools D 3320 E)	order no.	364672 A	364672 C
Spring Sleeve cpl., with vacuum connection (in connection with socket, see leaflet: Inserting Tools D 3320 E)	order no.	364672 B	364672 F
Foam rubber grip	order no.	821702	821703



TECHNICAL DATA

Screwdriver Style			Motor Size 2.5			Motor Size 3			
Driver reversible, right shut-off Push To Start	type order no.		345-7258U 351568 A	345-3258U 351568 B	345-4258U 351568 C	346-238U 396188 B	346-738U 396188 C	346-338U 396188 D	346-438U 396188 E
Driver reversible, right shut-off Lever Start	type order no.		345-7251U 384354 A	345-3251U 384354 B	345-4251U 384354 C	– –	346-731U 398684 C	346-331U 398684 D	346-431U 398684 E
screws	up to		M5	M6	M6	M5	M6	M6	M8
torque	min.	Nm/in.lbs	1/8.85	1/8.85	1/8.85	2/17.7	2/17.7	2/17.7	2/17.7
soft pull-up	max.	Nm/in.lbs	5/44.3	10/88.5	12/106.2	4.5/39.8	7/62	12/106.2	20/177
hard pull-up	max.	Nm/in.lbs	6/53.1	10/88.5	12/106.2	5.5/48.7	8/70.8	12/106.2	20/177
speed, idling		rpm	1100	640	310	2300	1200	650	320
air consumption		m ³ /min/cfm	0.35/12	0.35/12	0.35/12	0.4/14	0.4/14	0.4/14	0.4/14
main body dia.		mm/in.	40/1 ⁹ / ₁₆	40/1 ⁹ / ₁₆	40/1 ⁹ / ₁₆	44/1 ³ / ₄	44/1 ³ / ₄	44/1 ³ / ₄	44/1 ³ / ₄
length		mm/in.	245/9 ⁵ / ₈	245/9 ⁵ / ₈	245/9 ⁵ / ₈	299/11 ²⁵ / ₃₂	299/11 ²⁵ / ₃₂	299/11 ²⁵ / ₃₂	299/11 ²⁵ / ₃₂
weight		kg/lbs	0.9/2	0.9/2	0.9/2	1.36/3	1.5/3.3	1.5/3.3	1.5/3.3
noise level		dB (A)	76	76	76	73	73	73	73
air hose dia.		mm/in.	6 ¹ / ₄	6 ¹ / ₄	6 ¹ / ₄	6 ¹ / ₄	6 ¹ / ₄	6 ¹ / ₄	6 ¹ / ₄
internal hex. drive DIN 3126			F6.3 (1/4")	F6.3 (1/4")	F6.3 (1/4")	F6.3 (1/4")	F6.3 (1/4")	F6.3 (1/4")	F6.3 (1/4")
quick change chuck, mounted			yes	yes	yes	yes	yes	yes	yes

Performance data relate to an air pressure of 6.3 bar (90 PSI)

Standard Equipment: Hose coupling with nozzle and nipple · Set of Torque Adjustment Tools · Set of Clutch Springs

Optional Equipment:			Motor Size 2.5	Motor Size 3
Exhaust Hose (0.6 m / 2 ft.)	order no.		362734	398703 A
Support Ring for Screwdriver with Push To Start	order no.		–	398704 A
Spring Sleeve cpl.	order no.		364680 A	364672 A
Spring Sleeve cpl., with vacuum connection (in connection with finder, see leaflet: Inserting Tools D 3320 E)	order no.		364680 D	364672 C
Spring Sleeve cpl., with vacuum connection (in connection with socket, see leaflet: Inserting Tools D 3320 E)	order no.		364680 D	364672 F
Foam rubber grip	order no.		–	821704
Handle	order no.		360749	328756 A

Suitable tool inserts and connecting components with a drive as per DIN 3126 – E6.3 (1/4"), see also our brochure D 3320 E.

i It is necessary to use a torque support (e.g. stand, handgrip) for maximum torque: over 4 Nm for straight design.
Suitable torque supports can be found in our brochure D 3340 E.

Screwdriver with lever-start



DEPRAG

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