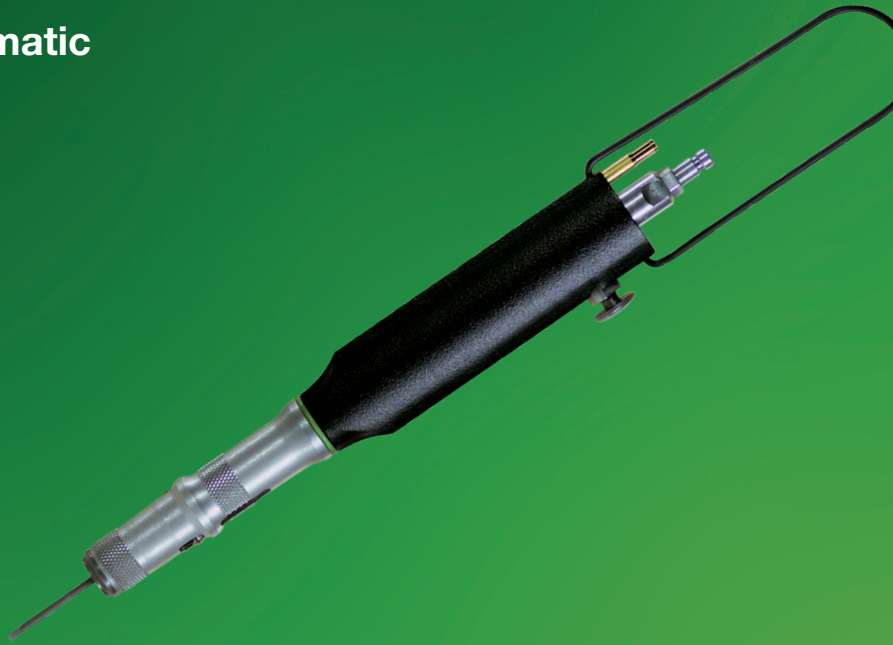


Handheld Screwdriver pneumatic



NANOMAT

straight design – torque from 8 Nmm to 300 Nmm (1.14 in.oz to 42.6 in.oz)

- lowest torque
- highest shut-off accuracy
- ultra slim design
- ergonomic
- economical

The screwdriver for extremely small torque values. The ideal solutions for micro assemblies in the medical industry, the watchmaking industry, optical industry, for the production of small consumer electronics and components, or for the use with precision engineering.

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

*) under suitable process conditions



Advantages

High precision shut-off clutch

The high precision torque control is based on the long standing DEPRAG principle of mechanical disengagement and motor shut-off.

Ergonomic grip design

For delicate and precise screwdriver control.

Integrated Quick Change Chuck

Bit change without the use of tools, quickly and easy.

Accommodates standard bits type halfmoon

The advantage is the use of standard bits.

Externally adjustable clutch mechanism

The torque can be adjusted quickly and conveniently without the need for special tools.

Vacuum screw holding through integrated vacuum tube

No annoying hoses over the grip or along the side of the screwdriver body.

| Technical data | | Motor Size 00 | | | |
|---|---------------------------|--|----------------------|----------------------|----------------------|
| Screwdriver reversible, right shut-off Push-To-Start | Type Part no. | 345-3008U-HM 500108A | 345-5008U-HM 500108B | 345-6008U-HM 500108C | 345-7008U-HM 500108D |
| Screws | up to | M2 | M2 | M2 | M2 |
| Torque min. | Ncm / in.oz | 1 / 1.42 | 0.8 / 1.14 | 0.8 / 1.14 | 0.8 / 1.14 |
| Torque max. | Ncm / in.oz | 15 / 21.3 | 25 / 35.5 | 30 / 42.6 | 30 / 42.6 |
| Speed, idling | rpm | 1400 | 680 | 500 | 300 |
| Air consumption | m ³ /min / cfm | 0.1 / 3.53 | 0.1 / 3.53 | 0.1 / 3.53 | 0.1 / 3.53 |
| Weight | kg / lbs | 0.14 / 0.31 | 0.14 / 0.31 | 0.14 / 0.31 | 0.14 / 0.31 |
| Noise level | dB(A) | 60 | 60 | 60 | 60 |
| Air hose dia. | mm / in. | 3 / 1/8 | 3 / 1/8 | 3 / 1/8 | 3 / 1/8 |
| Hose dia. for screw suction | mm / in. | 3 / 1/8 | 3 / 1/8 | 3 / 1/8 | 3 / 1/8 |
| Bit drive with quick change chuck | | 4 mm Halfmoon | 4 mm Halfmoon | 4 mm Halfmoon | 4 mm Halfmoon |
| Bits | | 4 mm Halfmoon | 4 mm Halfmoon | 4 mm Halfmoon | 4 mm Halfmoon |
| Included in delivery: | | Nipple (mounted) · Torque adjustment tool · Assortment of clutch springs | | | |
| Optional equipment | | | | | |
| Exhaust hose (1m / 3.28 ft.) | Part no. | 204195A | | | |
| Spring sleeve cpl. (Custom screw finder sleeve and bit combination upon request. Vacuum screw holding accessories available.) | Part no. | 203860A | | | |
| Adjustable vacuum injector | Part no. | 326813A | | | |

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

DEPRAG

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