

Thread tapping machine

The intelligent automatic thread tapping machine.



megatap II-G14

Thread capacity

(DIN13, sheet 34 / 1,2 x D)

Torque range

Spindle speed range rpm

Thread depth / stroke max.

Column with hand crank

Base plate / 2xT-Nut / PG6

Distance spindle/worktable max.

Tapered tool reception / spindle

Width / depth / height

Power supply requirements

Compliance to safety regulation

Automation interface

Serial interface

Finish

Operation

Error messages

LCD Display and Menu Driven

Software - includes

Insert holder SWS1

Price

M3.5-M12 (#6-7/16) X5CrNi189 (Stainless Steel)

M3.5-M14 (#6-1/2) 9sMn28 (Carbon Steel)

M3.5-M16 (#6-9/16) AlCuMgPb (Al Alloys)

120 – 1680Ncm (from 1128Ncm max 858 RPM)

125 - 1250 RPM

75 / 80 mm (2.95 / 3.15 inch)

750 mm (29.5 inch)

288 x 475 x 50 mm/M12x14 DIN650 / G1/4

400 mm

B12

320 / 470 / 1290 mm

230 Volt, 50 / 60 Hz, 1 phase, 2900 Watt

- CE, EMV conform

- PLC compatible, parallel I/O with 4 relay

outputs and 2 start inputs, isolated

- RS232 (V24) 9600 Baud, optically isolated

- RAL 6001 Emerald green

- menu driven or with WinPCA Software

- Audible alarm, display, and RS232

- Language selector

- Torque display and setting for min/max

- Right or Left hand threads

- Fast, normal, and slow reverse speeds

- Lubrication control with pulse and time

- Variable chip clearance function

- Automatic start, position and depth control

- User data storage for 40 part parameters

- Single and total thread counter

- Cutting force start sensor (with ZAP system)

- mm/Inch and metric/UNF-UNC selection

Quick change holder, without inserts



megatap II-G14

Quick-Change tap adapters for above SWS1 holder

Standard package

Additional adapters

Reduced Shank

Precision compensation

Price

Other systems

Type EM 01

No. 8, 10, 1/4, 5/16, 3/8"

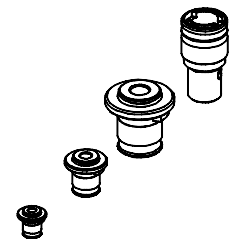
0-6, 12, 1/16 NPT

7/16, 1/2, 9/16, 1/8 NPT, 5/8"

0.05 mm, only with inserts from microtap

-- each size

on request



ZAP-tap

air pressure

air connection

Price

pneumatic **Z-Axis** spindle feeding system
integrated machine controlled feeding system for
thread tapping with footswitch and automation.

4-6 bar / 60-90 PSI

4/6 mm

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