

Best seller since 1994, it is the most economical solution for your application with one hole to tap.

Flexibility:

- Switch press stroke easily.
- Change tap size in less than 2 minutes.
- Compact design.
- Simple installation.

Sécurité:

- Misfeed protection that prevents tap breakage.
- Seals protecting from polluting particles.
- Overload protection that prevents internal breakage.

Service:

- CAD files available - 2D and 3D.
- Free recommendation for your die design.

Reliability:

- Leadscrew assembly (pitch insert) for quality threads.
- Low maintenance level.
- Tapping timing adjusts automatically to press speed.

This device is 100% mechanical, has an adjustable gearbox and is the simplest tapping unit to use and/or re-use within different applications.

Very compact, it only needs 42 or 66mm (1.6" or 2.6") width to slide inside your die.

Getting better over the years, it comes with a Quick Installation Kit that makes it even easier to slide in and out of the die, for quick tap change, or move from die to die.

PRONIC new lead screw assembly also provides better compliance to bad tap line up with prehole, for better thread quality.



Basically, depending on tap size and press stroke, you can choose between M1B and M1D. Those two units look the same, just a question of size.

To calculate the appropriate Gear ratio, we recommend you to contact us. We will determine the best compromise for your project, tap speed, suggested press speed range and therefore optimize tap life.

Specifications:

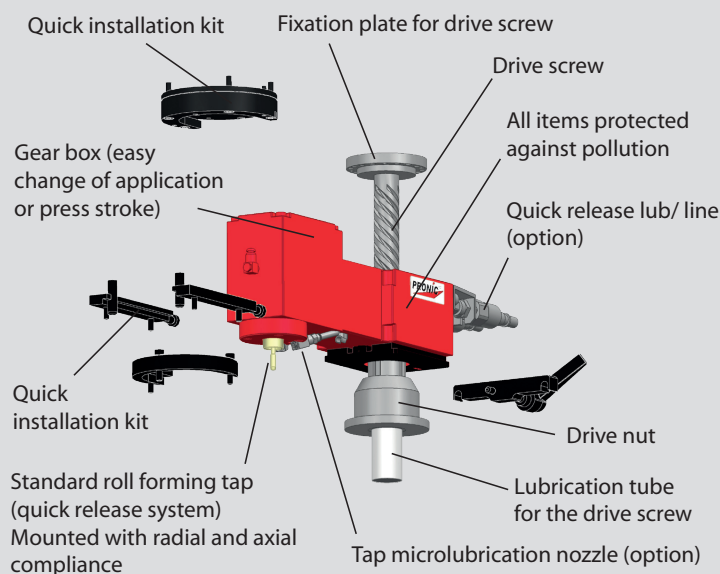
Model	M1B	M1D
Tap Size ¹	M2.5 to M6	M2.5 to M30+
Max Tap Travel ²	21mm	29mm
Max Press stroke (drive screw stroke)	300mm	600mm
Gear ratio ³	From 0,031 to 0,278	From 0,017 to 0,270
Max strip lift ⁴	37mm or 72mm	42mm or 82mm

1 BSP, TR, G, multi start threads are also possible.

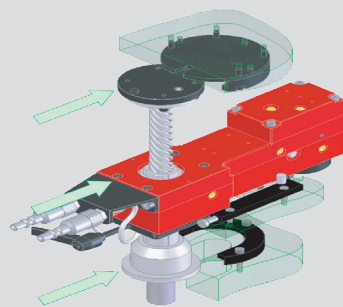
2 For longer Tap travel, please contact us, we will use special lead screw

3 - 3 - Gear ratio = tap travel/press stroke

4 If unit mounted on a pressure pad (lower stripper)



Slide the unit In/out of the die:

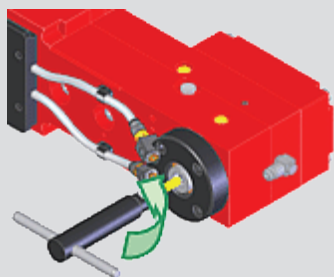


With its main body built out of aircraft aluminium.

PRONIC unit is easy to slide in/ out. Thanks also to the **Quick Installation Kit** delivered.

It makes the die design easier, it is "plug and play".

Replace tap quickly:

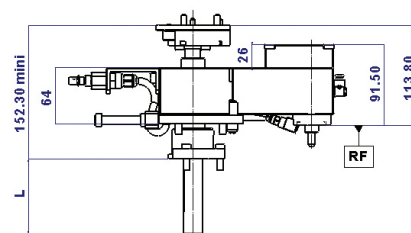


PRONIC tapping units use **standard rollforming taps**,

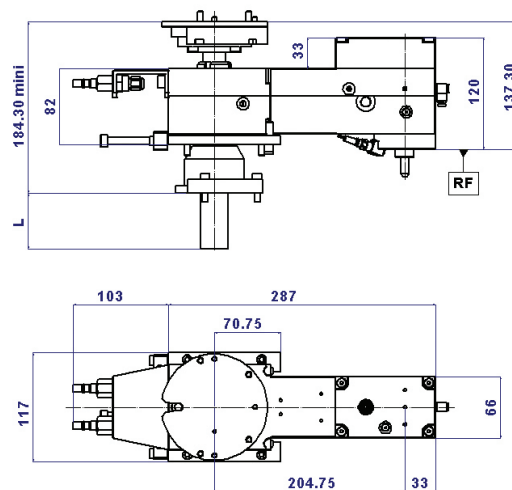
Which you can find at your local industrial products supplier or direct from PRONIC for high quality taps.

Dimensions:

M1B with 115mm drive nut

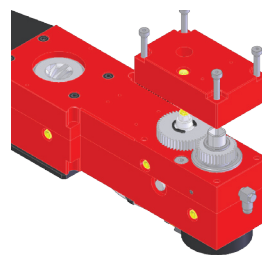


M1D with 140mm drive nut



Re-use the unit for other projects

A **set of gears** makes possible to adapt the tapping unit to different press strokes or depth to tap.



You can also choose a different tap size, by changing the lead screw assembly (pitch insert).

Worse case, the operation can be done within 5 minutes, no need to be a NASA Engineer.

M1B and M1D are really "universal" tapping units.

What's included:

- Quick installation kit
- Tap wrench
- Detailed part list for your tapping unit
- Screws and dowels to fix the unit on your die
- Handbook manual with parameters for your project

