

Our in-die tapping solution for small center distance and threading with fine pitch.

Flexibility:

- Tapping different diameters possible with close center distances.
- Compact Design
- Very Simple installation
- DIN, ANSI, JIS taps standard available

Sécurité:

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

Service:

- CAD Files are available Online in 2D (dxf) and 3D (step)
- Free recommandation for your die design

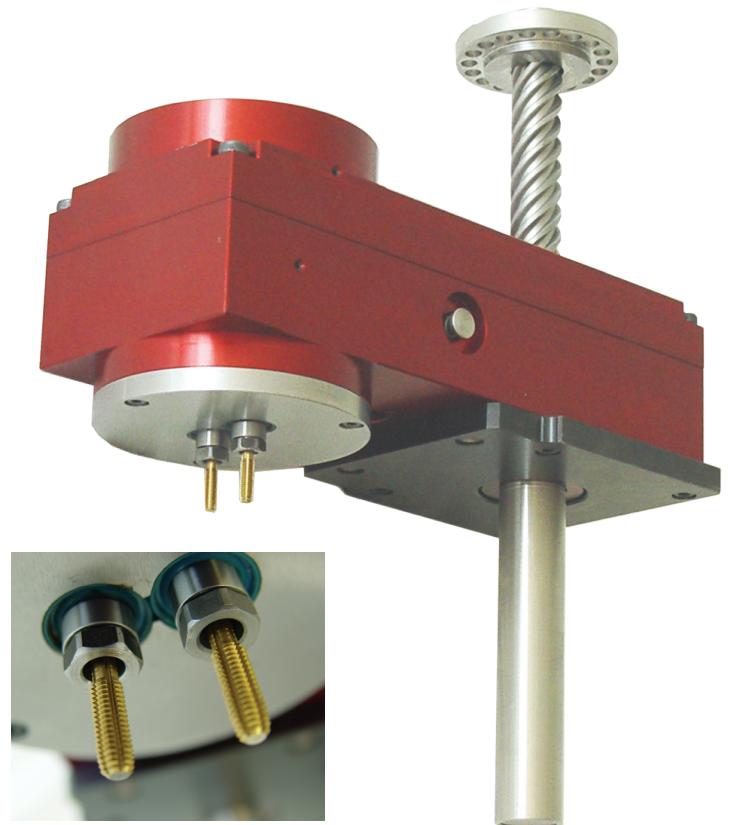
Reliability:

- Tap motion controlled by PRONIC highly reliable planetary gear system.
- Low maintenance level
- Tapping timing adjusts automatically to press speed

These models are commonly used to tap electrical components such as contactors, etc they are the best solution for applications with small distance centers and small tap sizes within a high speed press.

Usually installed within small dies, they are made to handle the highest volumes of production. The technology is 100% mechanical; the planetary gears are a PRONIC patented product.

Based upon the shape of your part, PRONIC will create the best module for your application.



Basically, depending on tap size, press stroke and number of taps, you can choose between 3 models. Those 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 optimise tap life.

Specifications:

Model	BxB	B+xB
Tap Size ¹	M0.6 to M6	M0.6 to M6
Max Tap Travel ²	13,5 to 19,5 mm ⁵	13,5 to 21 mm ⁵
Center distances between taps ⁵	10 to 25 mm	10 to 45 mm
Max Press stroke (drive screw stroke)	Up to 300mm	Up to 350 mm
Max strip lift ⁴	37mm or 72mm	44mm or 57mm

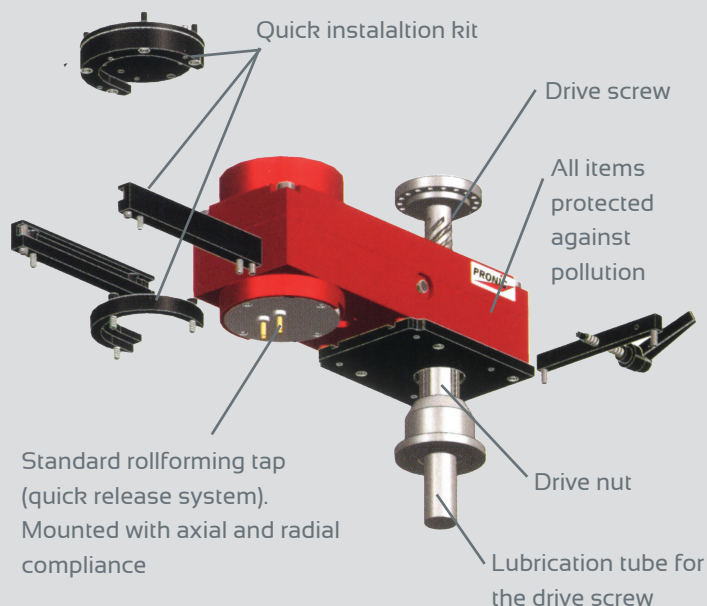
1 BSP, TR, G, multi start threads are also possible.

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

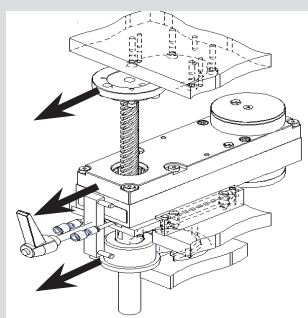
3 - Gear ratio = tap travel/press stroke. Please contact us.

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

5 - Depending on the tap size



Slide the unit In/out of the die:

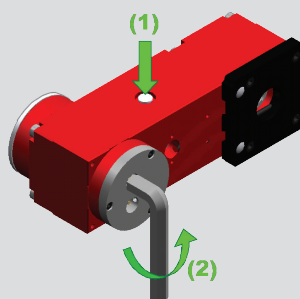


With its main body built out of aircraft aluminium.

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:

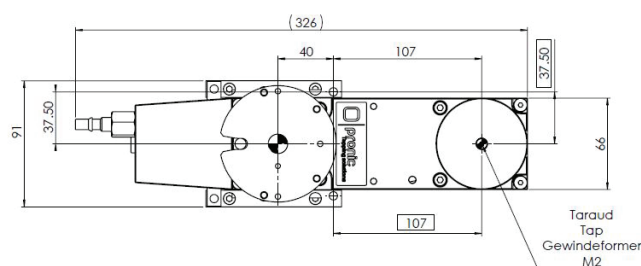
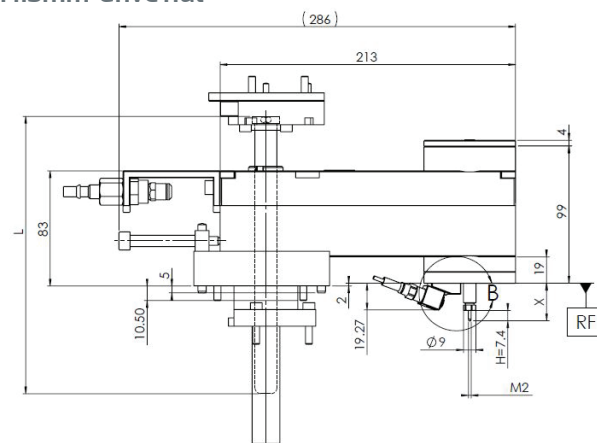


PRONIC tapping units use **standard rollforming taps**,

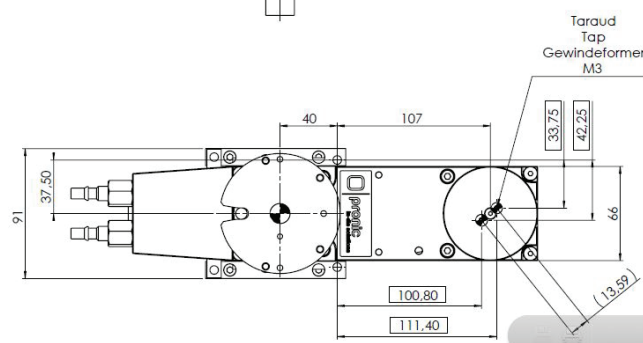
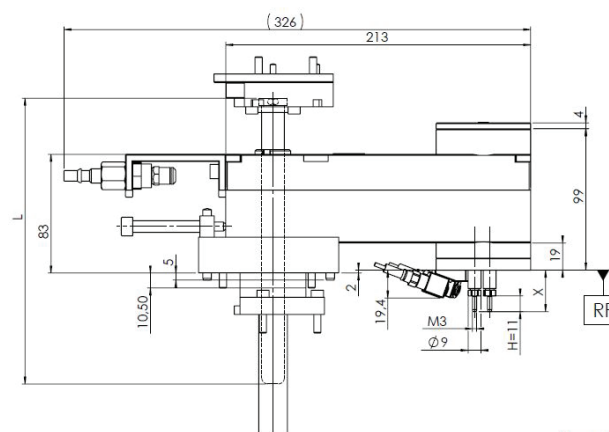
Which you can find at your local industrial products supplier or direct from PRONIC for high quality taps.

Dimensions:

BxB with 115mm drive nut



BxB with 137mm drive nut



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

