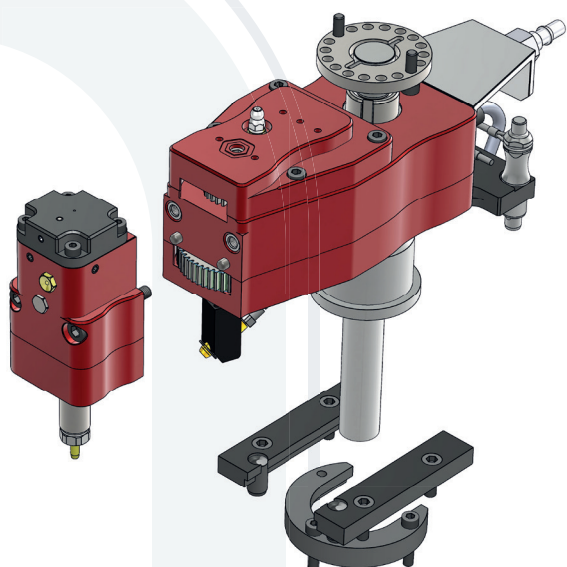


The most **COMPACT** and cost-effective solution for your **single tap** applications without a strip following feature.



These units are designed with a detachable tapping head (with cartridge) to be used for single tap applications. The two-part design makes the handling of the unit much easier and reduces the downtime for a tap change.

The STN1M is equipped with a mechanical drive, ensuring smooth operation, precision, and repeatability. Its compact design and dimensions (able to fit in small shut heights) allow it to be installed easily into all types of dies.

For multi-tap applications, multiple units can also be installed side-by-side or staggered, all within a compact footprint. And since the STN1M is easily mounted and dismounted within the tool, it can be easily shared in different dies for

other applications. Finally, thanks to its design, it can be re-used to tap different small diameters without any modifications (technical validation required) by using a different detachable head.

The Pronic direct-drive tapping spindle (cartridge technology ensuring precision, quality, and repeatability of tapping) features a safety function, as it automatically disengages when its stroke is blocked.

ADVANTAGES :

- **Detachable, lightweight** tapping head for quick and easy tap changes.
- **Compact** width and height for easy integration into any type of tool.
- Tapping **from top to bottom** as well as from bottom to top.
- **Clutch-system cartridge** for greater safety and reliability.
- **Sharable** in several die applications due to quick installation and setup.
- **Oil bath lubrication of the lead screw** for optimal performance.
- Capable of tapping **similar diameters** by simply changing the detachable head and adjusting the gear ratio if necessary



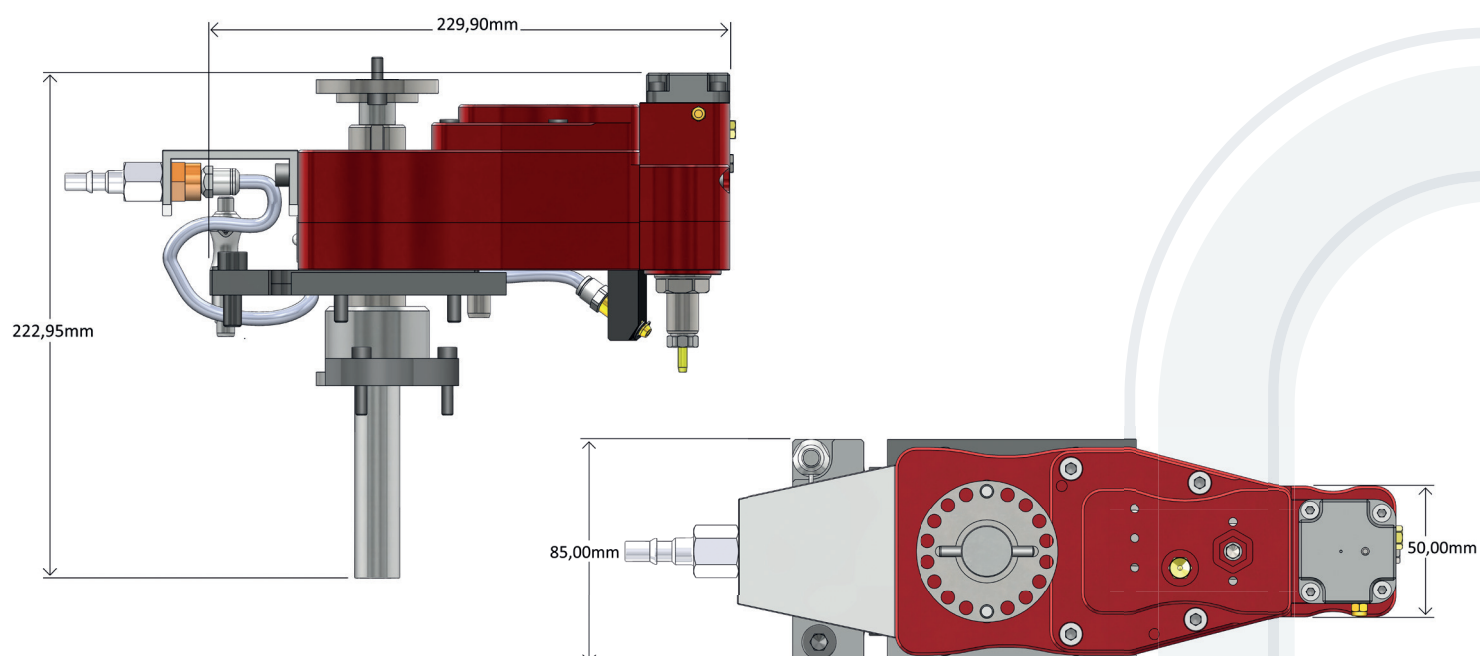
REMARKABLE FEATURE

The **STN1M** can very easily replace our old **M1B** series, requiring only a few minor modifications to the existing tool. The unit comes with an adapter kit (same height and mounting points, identical distance between the lead screw and the tap).

CHARACTERISTICS :

STN1M

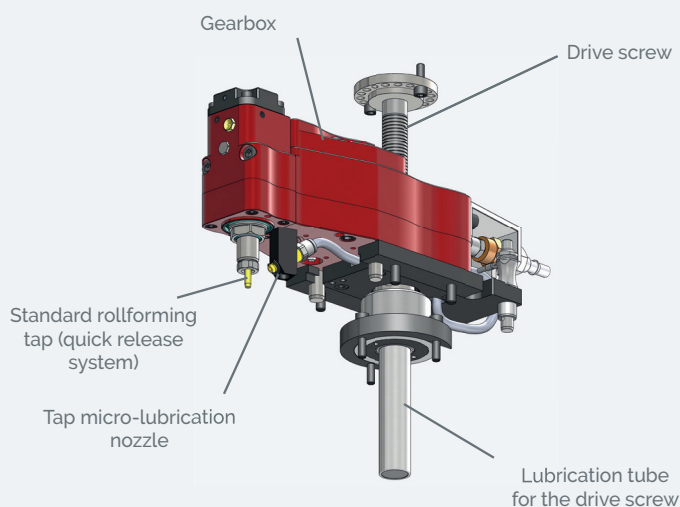
Motorization	Mechanical
Tapping direction	↓↑
Kinematics	Mobile
Max strip lift	0 to 72 mm
Tapping unit width	85 mm
Detachable tapping head	●
Tap micro lubrication	●
Secure cartridge with Clutch-system	●
Adjustable gearbox	●
Max press stroke	330 mm



Tap dimension ¹	M3 x 0.5 à M6 x 1.00
Max speed	150 spm
Max press stroke ² (mechanical motorization)	330 mm
Max strip lift	72 mm
Width of the tapping device	85 mm

1 - BSP, TR, G, multi thread taps...are also possible.

2 - For longer Tap travel, please contact us, we will use a special drive screw



STN1M - EN - 06/2026 - EcoLINK