

PIBOMULTI

SWISS

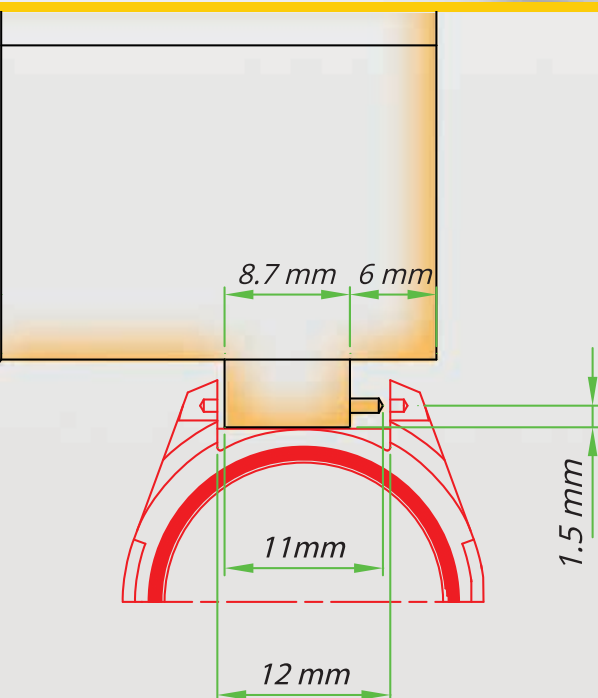
MADE



◀ WATCHMAKING ▶

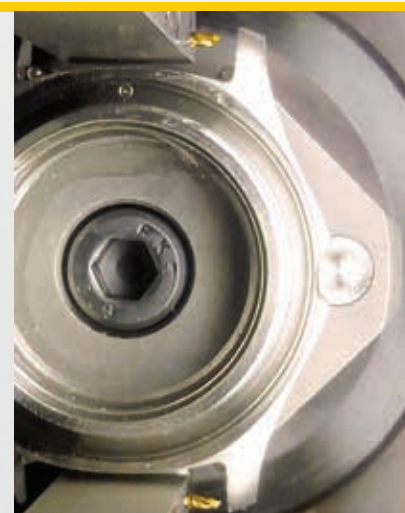
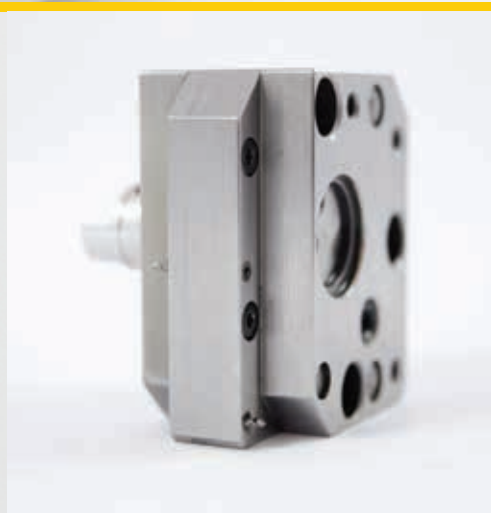
SPRING BAR HOLES

Module of drilling spring bar holes



Spindle speed : 15 000 rpm

Applications : Watchmaking, watch cases, bracelets buckles, belt buckles, jewellery.



A REVOLUTIONARY Concept

The **PIBOMULTI** drilling head is highly miniaturized, in order to allow a drilling of the spring bar holes inside lugs of watch cases.

- Perpendicular drilling.
- Small tools.
- Life enhanced tools.
- Possibility of a chamfering (combined tools).
- Reduction of cycle time.
- Adaptation to all type of machines to avoid relapse.

PROCESS

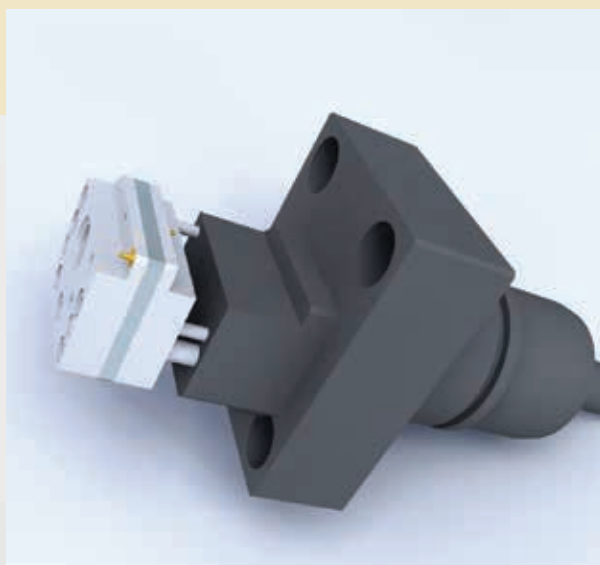
Asset and recognized

1 MODIFICATION of existing solutions

The **PIBOMULTI** drilling head is adaptable to all types of machines.

- Modification of Crevoisier drilling machines
- Modification of standard machining centers
- Modification of special machines
- etc.

2 INTERFACE to all standards of the market



The **PIBOMULTI** module for drilling spring bar holes is suitable for all standard turning machines like NAKAMURA, MAZAK, MORI-SEIKI, EMAG and more.

Exemple here show an adaptation of the **PIBOMULTI** module for NAKAMURA NTY3 turning machine.



3 FULL MACHINING Solution

EMISSA MAGIC TOOL 50



EMISSA compagny has developped a full machining solution for drilling spring bar holes. This smart machine called MAGIC TOOL 50 utilize two PIBOMULTI modules simultaneously to drill **perpendicular** holes between lugs. A turning table allows to load in hidden time. Full documentation is available at EMISSA.



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4 **SPECIFIC APPLICATION: RECOMATIC**

RECO
LA FINESSE
DES SURFACES



NEW

RECO MR401

Grinding machine, high production, for the machining of the width between lugs and bands of cases, with option drilling of spring bar holes.



RECO CT500

Compact centre of surfaces finishing, for multiple possibilities of machining in one clamping, with option drilling of spring bar holes.

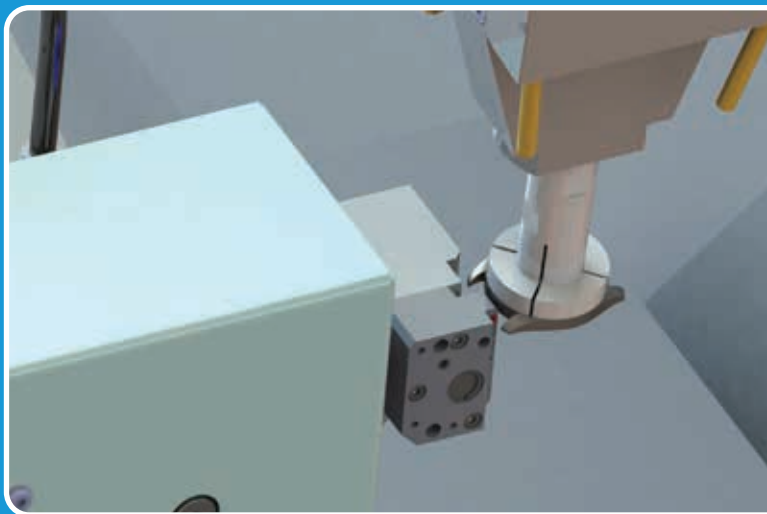
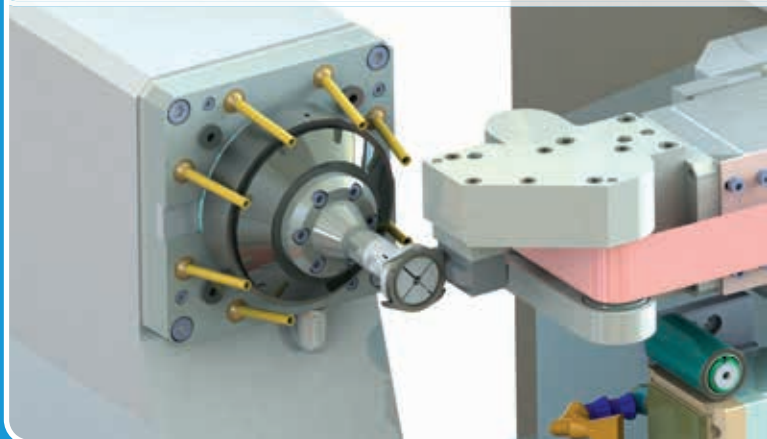


RECO MR500

Grinding machine, high precision, for the machining of the cases, with option drilling of spring bar holes.

Founded in 1962 and located in the heart of the Swiss Jura region, Recomatic SA is a company specialized in the manufacture of machines for the surface finishing such as grinding, the lapping, the satin finishing and polishing for industries such as watchmaking, jewellery, medical and leather goods.

DRILLING MODULE





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