

ps:[®]multi-thread[®]

FOR MACHINE TYPE PRIMA POWER - STATION DI

6-STATION THREAD FORMING WITH ONE SINGLE TOOL

Forming threads is a time consuming process!

The **ps:[®]multi-thread[®]** - developed and produced by PASS Stanztechnik - can be used as a 6-station multitool which can be integrated in one rotatable Di-Station of a PRIMA POWER punching machine.

Economy effect: Only using one tool station versus 5 tool stations in the machine!

The **ps:[®]multi-thread[®]** is made with 6 positions. These positions can be equipped with tap inserts with measurements from M2 (and UNC #2-56) to M10 (and UNC 3/8"-16). The changing of the used tap insert is extremely simple and completes the perfection of the **ps:[®]multi-thread[®]**.

Economy effect: Tool changing time!



patented
EP 3,180,139
US 10,421,137

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TRUMPF

THICK TURRET

SALVAGNINI

The changing time of two thread sizes is only 1 second.

The most economic effect can be seen in the time-saving production of threads. A planetary gear wheel in the tool enables a high turning speed at the thread former and thus enables a productivity up to 30 threads per minute. The transmission ratio is $i = 1:5$.

Economy effect: Production time!

The stress for the index drive motor can be decreased through the gear transmission ratio.

Economy effect: Wear & Tear!

The **ps:[®]multi-thread[®]** can be used for sheet thicknesses up to 8 mm (depends on thread size). Thread forms will be covered without additional changing efforts.

The automatic select function of the single position in the tool allows the use of the **ps:[®]multi-thread[®]** within a fully automatic production process.

Economy effect: Process of changeover!

The automatical lubrication of all guide elements in the tool and the lubrication of the tap inserts during the forming process are additional special characteristics of the **ps:[®]multi-thread[®]**.

OVERVIEW OF CUSTOMERS' ADVANTAGES:

- different sizes of tap insert possible: up to M10 respectively UNC 3/8"-16
- fast and easy changing of tap inserts
- simultaneous use of metric and inch system
- fast production of threads (approx. 2 sec./thread)
- up to sheet thickness of 8 mm (also stainless steel) useable
- with oil channel for lubrication
- automatic selection of the single tap inserts
- also usable for extrusions up- and downwards

EXPERTISE:

Efficiency, cost-savings, optimising of set-up time and speed are the characteristics of this patented tool.

ps:[®]multi-thread[®]: An absolutely MUST HAVE for efficient production of threads.