



SLOTING MACHINE

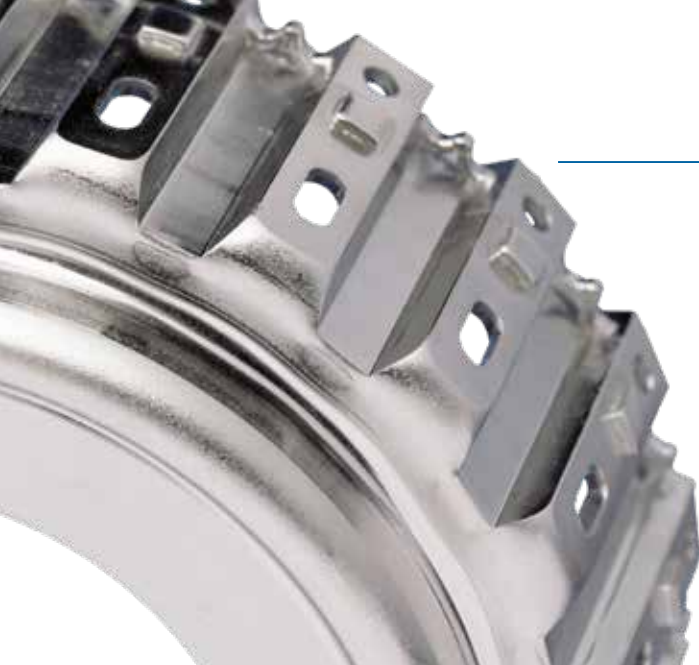


SCAN ME

ERNST GROB AG
COLD FORMING MACHINES
SPECIAL PURPOSE MACHINES
SLOTING MACHINES

Rohrgasse 9
Box 830
CH-8708 Männedorf

T + 41 44 922 77 00
info@ernst-grob.com
www.ernst-grob.com



Clutch disc carrier with 4 slotting operations



Controls	Fanuc or Siemens
No. of workstations	1–4
Workpiece diameters	Ø 80–240* Other diameters on request
Slotting stroke rate	265 1/min*
No. of teeth	independently programmable

S8 Slotting Machine

Technology

The GROB model S8 slotting machine is an extremely compact, modular design concept dedicated to the slotting, coining, trimming to length and forming of cup and ring shaped sheet-metal parts.

With the mechanically defined slotting stroke of this machine, in addition to slotting and trimming, combined slotting and coining operations as are needed, for example, to produce snap ring grooves in clutch disc carriers, can be accomplished.

One or more workstations

The machine can be used in a single station configuration for executing individual process steps. Its modular design concept allows the machine to be configured with 2, 3 or 4 stations, perfectly matching the specific customer requirements. These multi-station configurations can carry out several process steps in parallel.

The workstations are synchronised and feature internally automated loading and unloading.

Typical applications

This machine is the ideal solution wherever there is a need for slotting and coining operations on hollow cylindrical or splined workpieces.

Highly popular operations, for example on vehicle transmission parts, are:

- Trimming to length
- Slotting of holes and grooves
- Coining operations (e.g. for oil dams and assembly pilots on clutch disc carriers)
- Combined slotting and coining
- Bending (e.g. of tabs)

*These specifications are workpiece dependent and may vary.



S8 Slotting Machine

- ▶ CNC controlled process with correction option
- ▶ Slotting operations in individual steps
- ▶ Slotting direction selectable
- ▶ Mechanically defined end of stroke stop
- ▶ Ease of service and maintenance