



*MANUFACTURER OF ATTACHMENTS AND SPARE PARTS  
FOR MULTI-SPINDLE MACHINES*

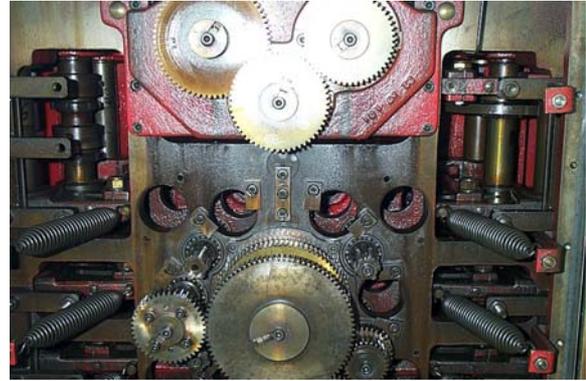
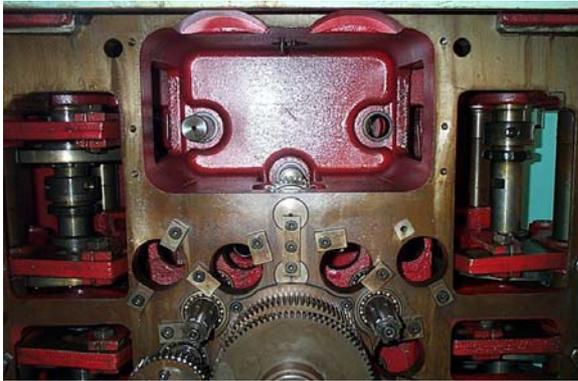
machine: GILDEMEISTER

model: GS25

catalog : GS25\_2007\_1

TURLO S.r.l.  
Via Tagliaferro 3 - 13019 VARALLO SESIA (VC), ITALY  
Tel (0039) 0163 54446 Fax (0039) 0163 54226  
Email: mail@turlo.it  
www.turlo.it

APPARECCHIO FILETTATORE  
FULL THREADING ATTACHMENT  
Gewindeschneideinrichtung



We can supply the entire attachment as shown by the picture.

All gears and shafts are hardened and grinded.

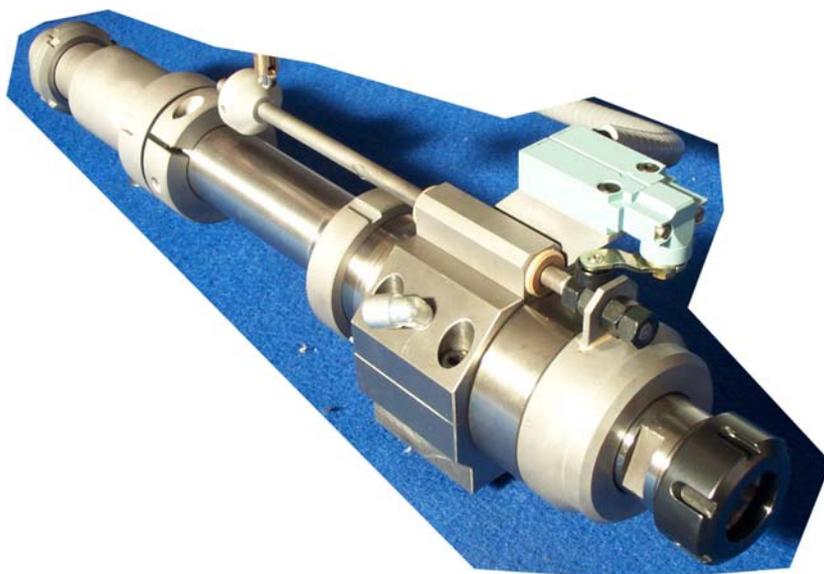
The mechanical parts are supplied fitted together.

The electromagnetic clutches are piloted by our

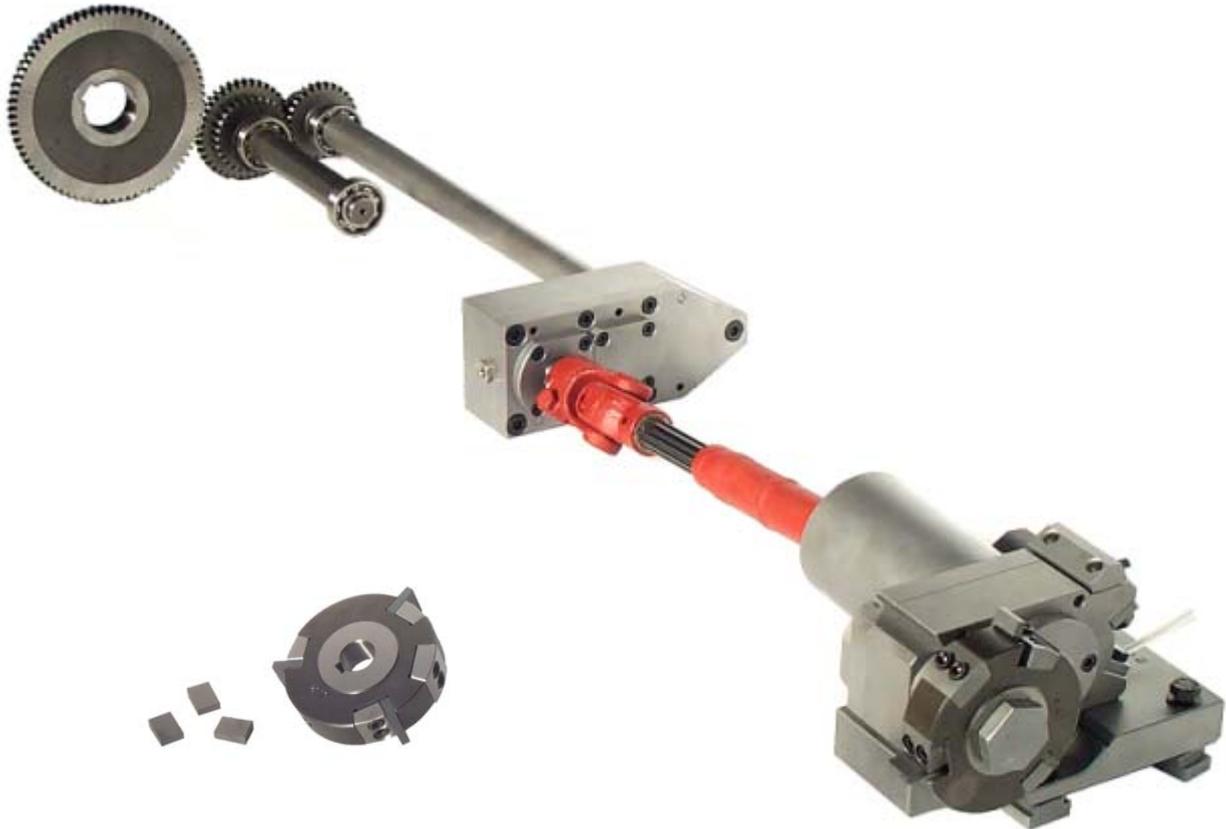
Power Unit, that is also able to stop the machine in case of malfunction during the threading operation.

Our new concept threading spindles do not require any tap-holder, in fact its frontal part (collet spindle) can slide out the support and follow the tapping operation.

That is why we can check the length of the thread directly on the extraction of the collet-spindle



APPARECCHIO POLIGONATORE/FRESAFIETTI  
POLYGON-GENERATING AND THREAD-MILLING ATTACHMENT  
Mehrkantdreh Und Gewindefraseinrichtung



This attachment is designed to create polygons on the external surface of the component.

The tool rotates twice quicker than the component with the same direction.

For this reason the number of flats made on the component are always twice the number of cutters on the tool.

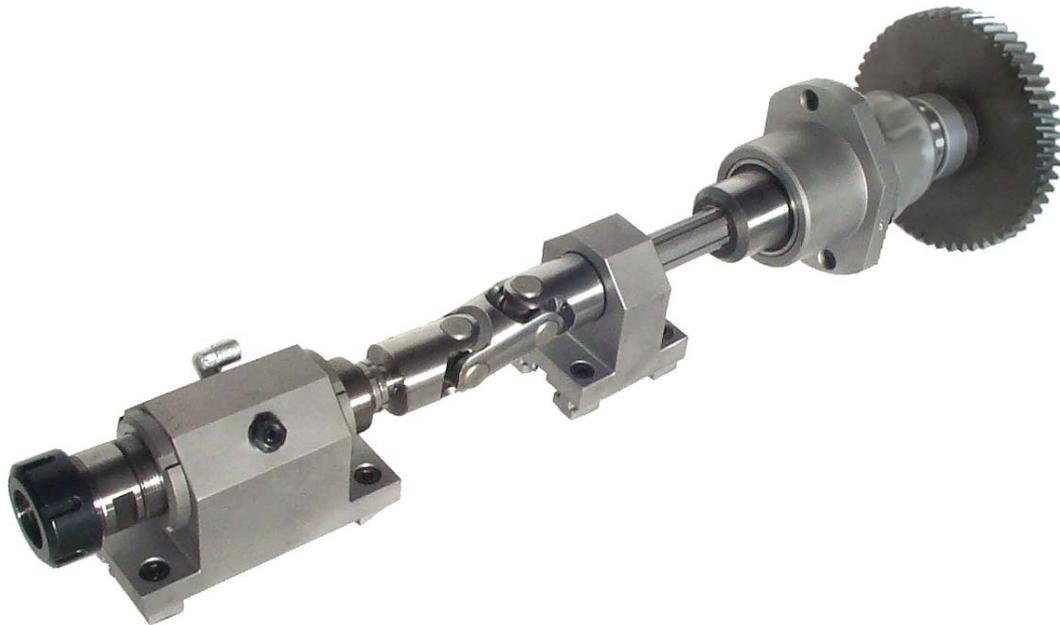
We can also supply cutter tools for polygon generating operations.

As you can see in the bottom picture, they have the possibility to hold 1 cutter (= 2 flats at 180°) or 2 cutters at 180° (= square) or 3 cutters at 120° (= hexagon).

We can supply different sizes of cutters that need to be grinded by the customer.

By changing the ratio of the attachment, replacing the back pair of gears, you can mill threads on the external surface of the component.

APPARECCHIO BROCCIATORE  
BROACHING ATTACHMENT  
MehrkantstoBenrichtung



This attachment is designed to create polygons or geometrical profiles inside the component. It has to be fitted on the centre block of the machine (longitudinal slide).

The tool rotates at the same speed as the bar.

The standard tool-spindle uses ER type collets.

The tool spindle has a slight inclination versus the axis of the component in order to reduce the axial load during the broaching operation

APPARECCHIO RECESSITORE A CUNEO  
RAMP RECESSING ATTACHMENT  
Innenausdrehschieber

TECHNICAL DATA:

- 14° degree ramp
- Tool Fitting = 25 mm diameter bore (eccentric)
- Possibility of lubrication liquid through the tool
- Up and down adjustable toolholder



This attachment is used to create recesses inside the component.

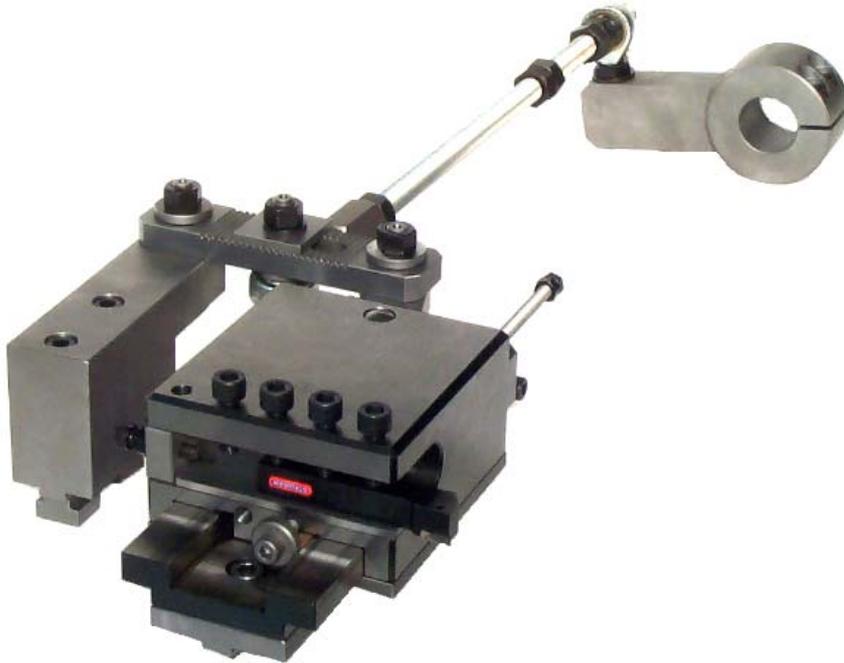
It has to be located on the central block of the machine.

After reached the right position inside the component the tool-holder moves upwards, sliding on a 14° degree ramp (that means 1 mm upwards every 4 mm of axial movement of the central block).

The length of the recess is usually the same as the length of the cutting tool.

However, if you need to create longer recesses, our attachment can also move axially while making the recess.

CARRO PER TORNITURE LONGITUDINALI  
LONGITUDINAL TURNING CHARIOT  
Axialschlitten Langdrehschieber



APPARECCHIO TIMBRATORE  
MARKING ATTACHMENT  
Markierer



This attachment is used for marking the components in a very simple and quick way, because it is based on a completely mechanical logic.

The cross slide, with our attachment on, moves forward till the engraved disk touches the component.

Because of the friction between them, the disk starts to turn and mark the component.

When the engraving is over, the disk stops in a fixed position to avoid further contact with the component.

During the return stroke a proper pin fixed on the wall of the machine resets the attachment with the disk able to turn again.

We can supply blank disks only together with the instructions about how to engrave

22.10.125  
Nasello / Toggle



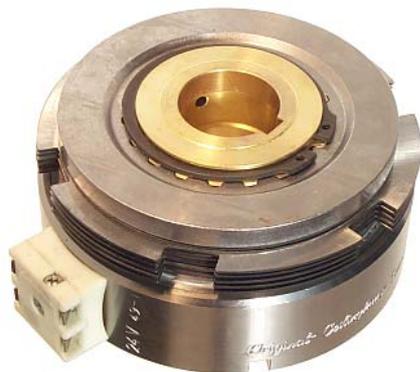
22.10.124  
Campana / sleeve



22.09.125  
Perno / Shaft



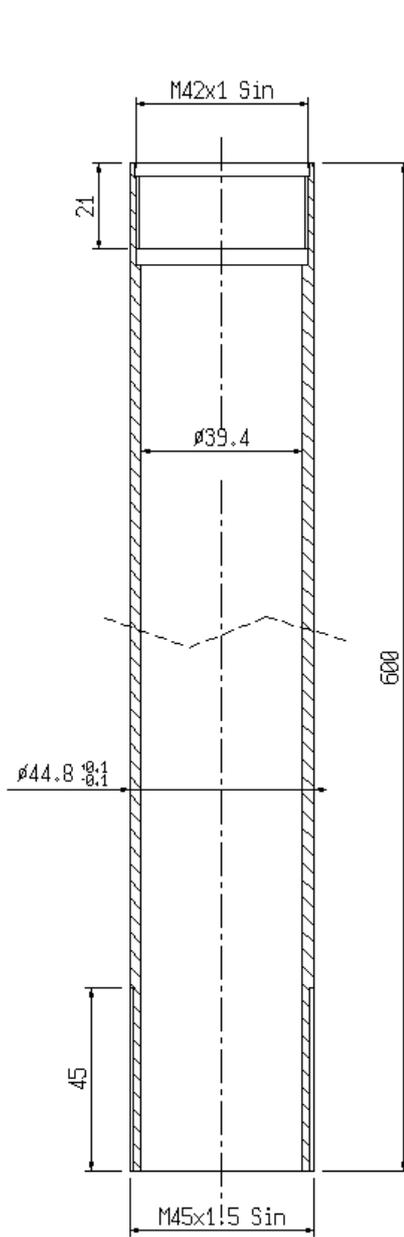
22.09.211  
Rullo / Roller



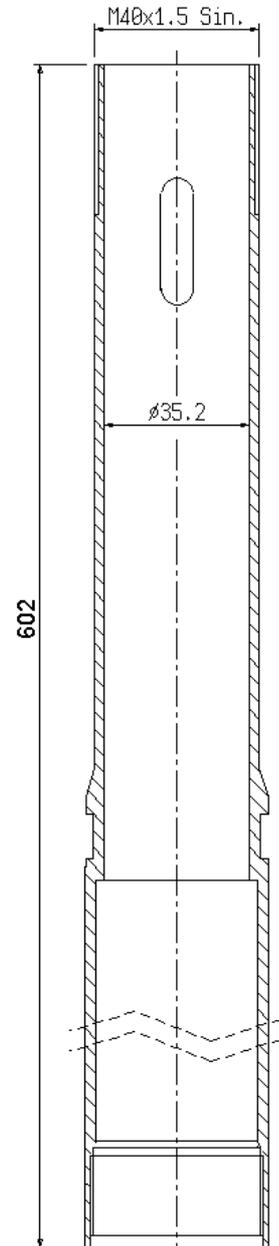
22.07.278  
Frizione / Clutch  
Ortlinghaus



22.21.132  
Rullino  
Roller



22.10.021  
Tirante stringibarra  
Collet tube



22.10.156  
Tirante stringibarra  
Collet tube