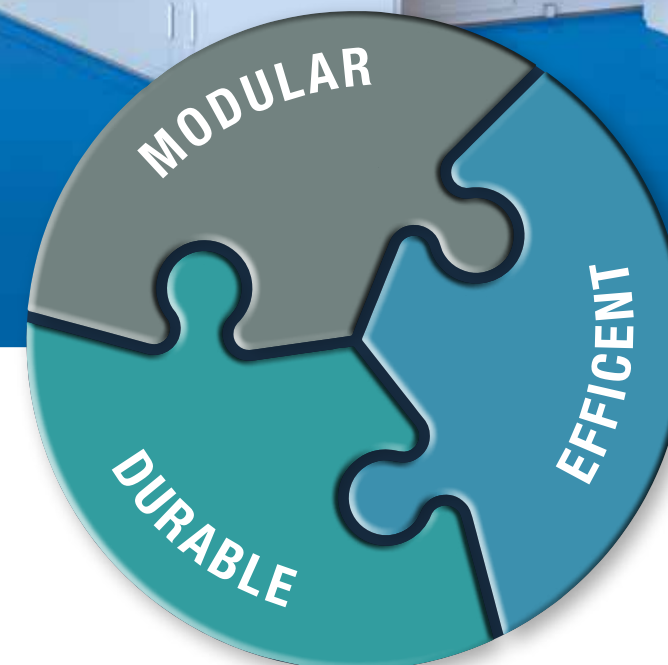




COLD FORMING MACHINES

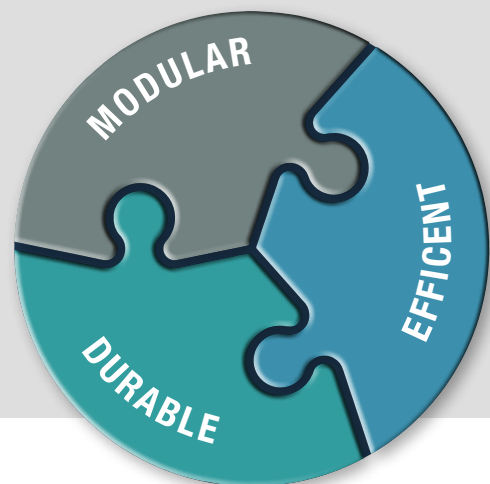


ERNST GROB AG
COLD FORMING MACHINES
SPECIAL PURPOSE MACHINES
SLOTING MACHINES

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ERNST GROB AG
SWITZERLAND



One modular kit – unlimited application options

Splining of hollow shafts for lightweight constructions

Concave, convex or conical profiles and tooth alignments

Generation of multiple splines in one clamping operation

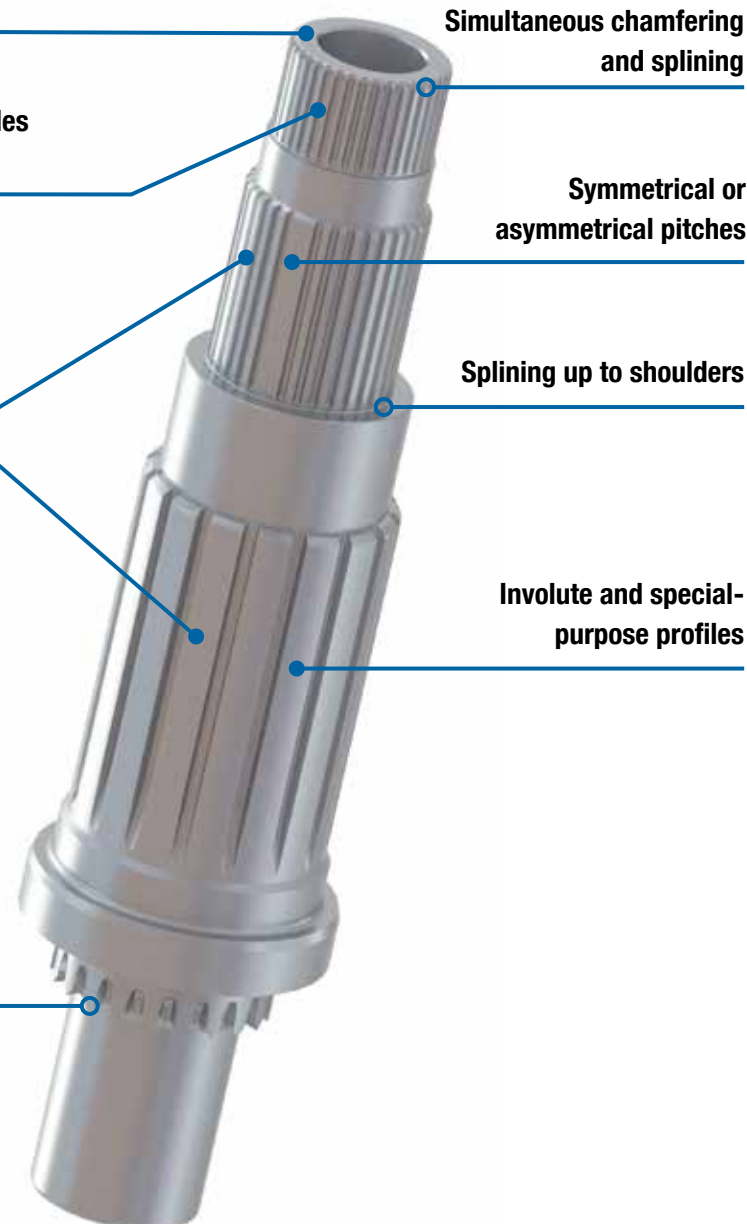
Simultaneous chamfering and splining

Symmetrical or asymmetrical pitches

Splining up to shoulders

Involute and special-purpose profiles

Special-purpose spline geometries



Excerpt of the configuration potentials of the A-Series

Benefitting from the modular system, all machines of the A-Series can be ideally configured to suit your specific requirements.

With the A-Series, Grob continues its long tradition of building machines dedicated to splining by the cold forming process.

Components produced by the resource-conserving Grob cold forming processes exhibit superior dimensional accuracy and strength properties, while offering an infinite choice of design options.

The system can be equipped and configured to combine various forming technologies.

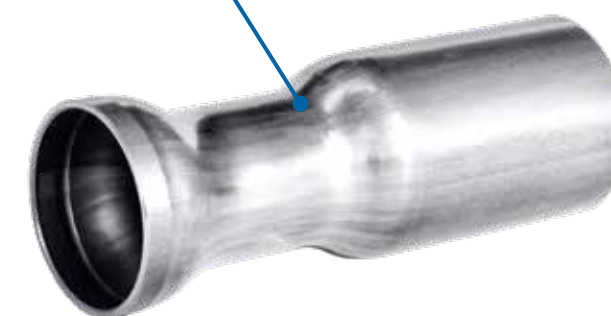
These include the following options:

- Roller head** ▶ Conventional splining
- Intermittent roller head** ▶ Splining up to shoulders
- Slotting head** ▶ Special-purpose geometries
- Shifting axis** ▶ Generate up to 3 splines in a single clamping operation
- Torque motor** ▶ Rapid changeover times with maximum flexibility and performance



Sheet metal forming

Necking and reduction



Contact us – we are ready to take on your challenge!