

Gear manufacture by milling

Manufacturing gears by using a form-milling cutter is an interesting process in the following situations :



- Small batches of gears
- Prototypes
- Short delay
- No gear hobbing machine available
- Wish to finish the part in one single step

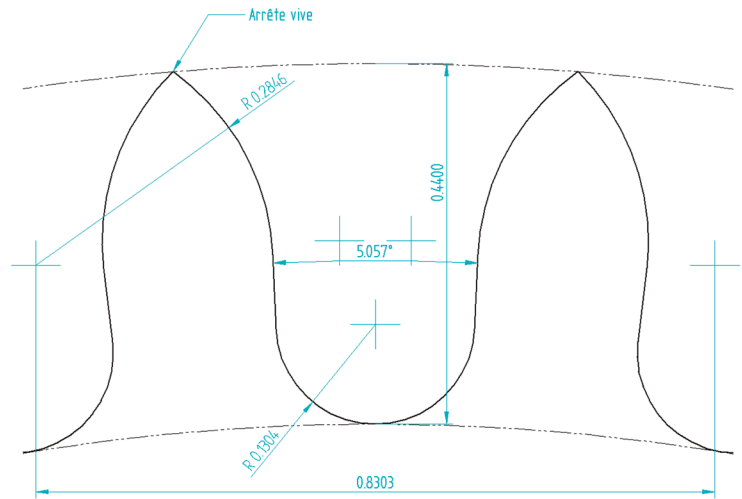
Louis Bélet SA is a long time producer of gear cutters for the most prestigious Swiss watches manufacturers. The high quality of our tools is well renowned.



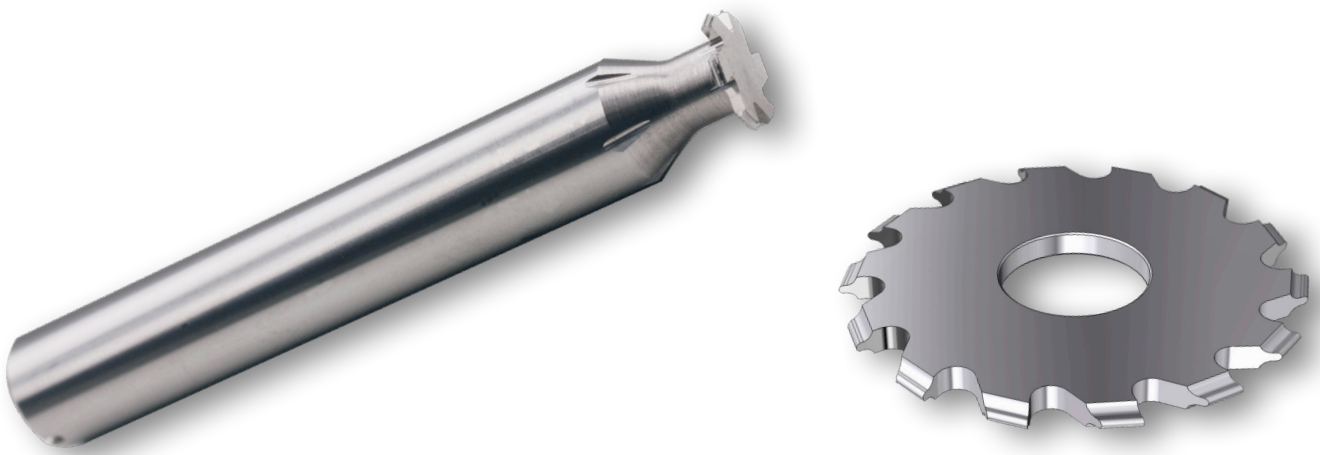
- All kinds of profiles are possible: NIHS, ISO, CETEHOR or customized
- Symmetric or asymmetric profiles



- Tolerance of the shape in the range of ± 0.001 m.
- Possibility to generate very sharp tooth tips.



We manufacture gear milling cutters with a circular or with a «T» shape.



Cutting geometry is adapted to the material to machine

▶ Excellent surface quality