

# SHAPER CUTTERS

A 75 year experience at your service in providing a full range of.

- Disc type gear shaper cutters for gears, splines, serrations, sprockets, ratches
- Form/shaping tools for unconventional gear shaping
- Internal tool cutters
- Shank type gear cutters for internal gears, splines, serrations
- Hub type shaper cutters

## DIMENSIONS

Max diameter 330 [13.4"]  
Max module [DP] 25 [1]

## SHANKS

Tooth pitch size mod [DP] .25 [100]

Our range includes:

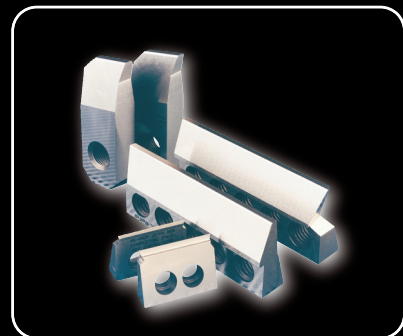
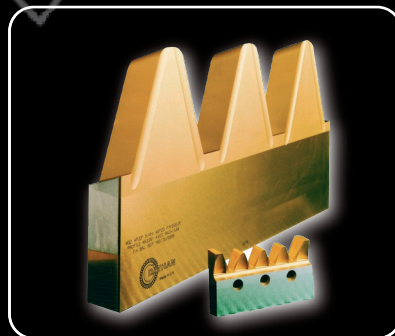
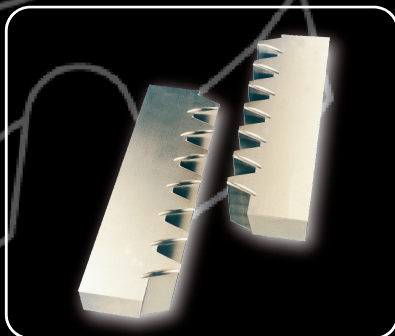
- Straight bevel generating tools
- Maag cutters

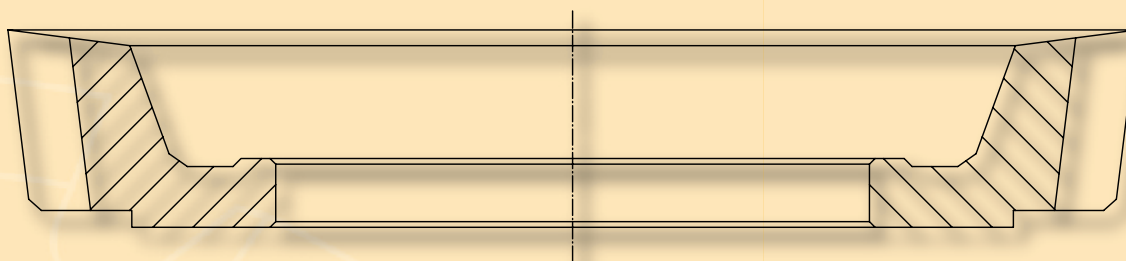
## MATERIAL

- HSS-PM steels

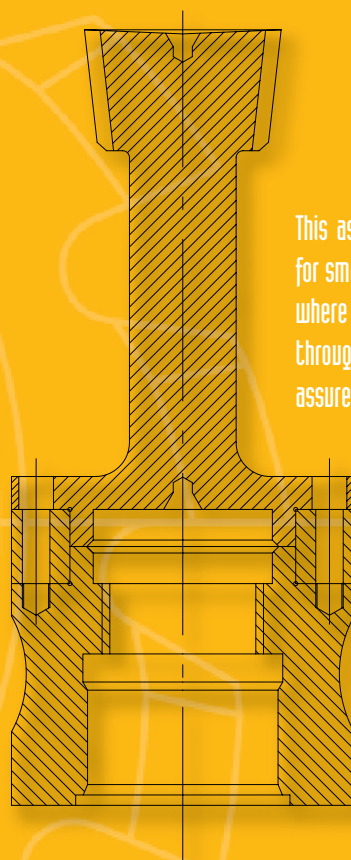
## COATINGS

- TIN
- FUTURA NANO
- ALTRONA
- Other coatings available on request





Disc type shaper cutter typical design for cutting external spur gears. The body design may be modified to specific requirements.



This assembled hub design is produced for small pitch circle diameters cutters where it is not possible to have a hole through the tool, this is necessary to assure the required accuracy.



Internal toothed gear shaper cutter for external parts where an interference prevents the use of a conventional disc cutter, and more efficient than a small shank cutter. As with cutters with external teeth these cutters are fully generated to allow resharpening throughout the life of the cutter.