

## General



In punching and bending tools, active elements are the cutting and shaping parts. Here, the highest requirements in dimensional accuracy and surface quality must be met. Active elements are wearing parts and can be replaced several times over the course of a tool's life time.

In addition to standard active elements, STEINEL also offers individual solutions tailored to your specifications. Upon request, you will receive all required active elements from a single source – from a single unit to mass production.



### Properties

- Starting materials for the STEINEL active elements are high-quality materials such as:
  - conventional tool steels
  - powder metallurgical steels
  - carbides
- microblasted cutting edges upon request
- PVD coatings upon request, such as:
  - AlCrN (aluminium chrome nitride)
  - TiN (titanium nitride)
  - TiCN (titanium carbonitride)
  - CrN (chrome nitride)
  - Futura TiAlN (titanium aluminium nitride)
  - Futura Nano TiAlN