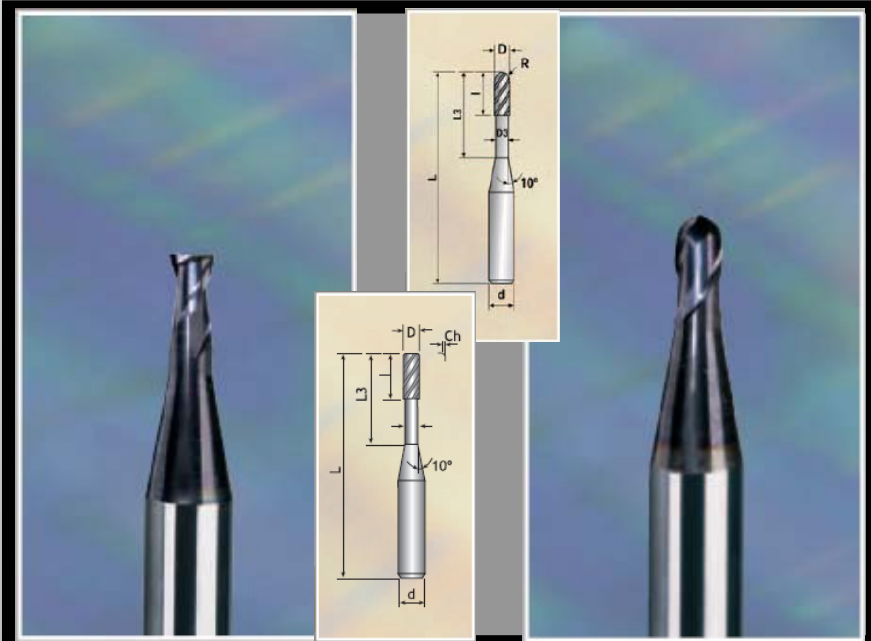
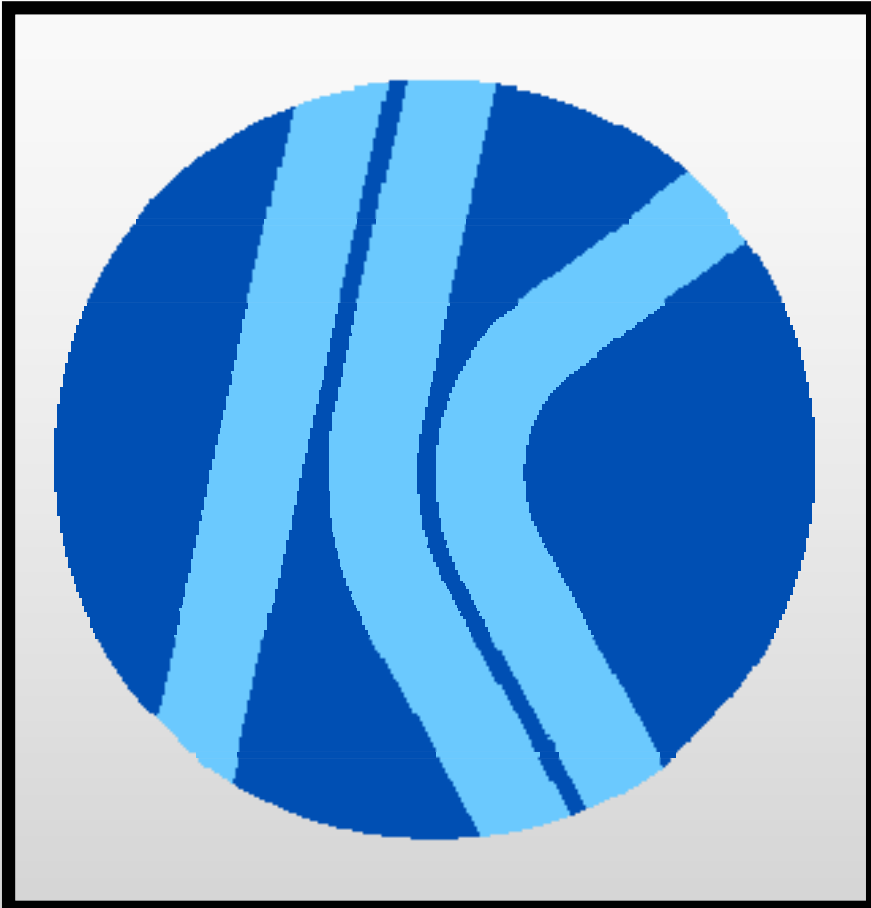


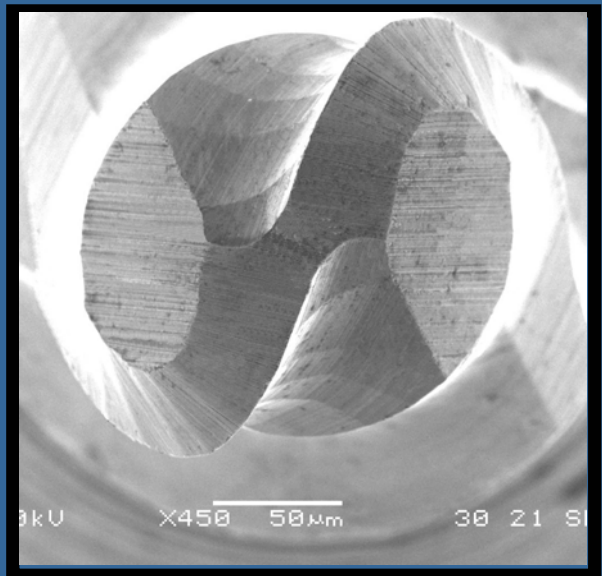
miniKEN D0,2mm
miniKEN D0,2mm



July 2.007

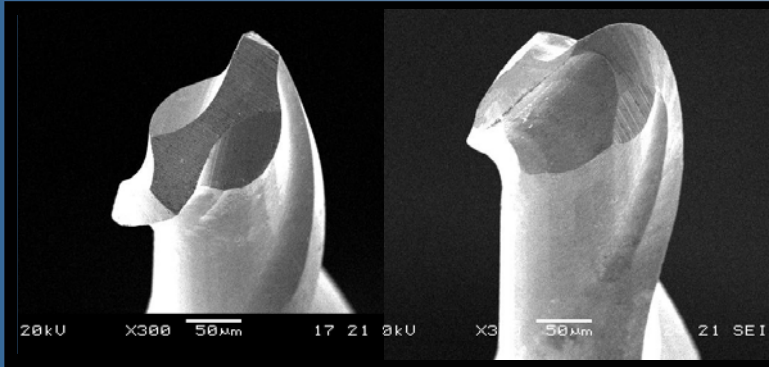


miniKEN
D0,2mm
Your main
resource for
micro end mills



WHAT IS IT? ... FUNCTIONALITY

Kendu offers a complete line of micro milling tools that are designed for optimum performance in different applications.

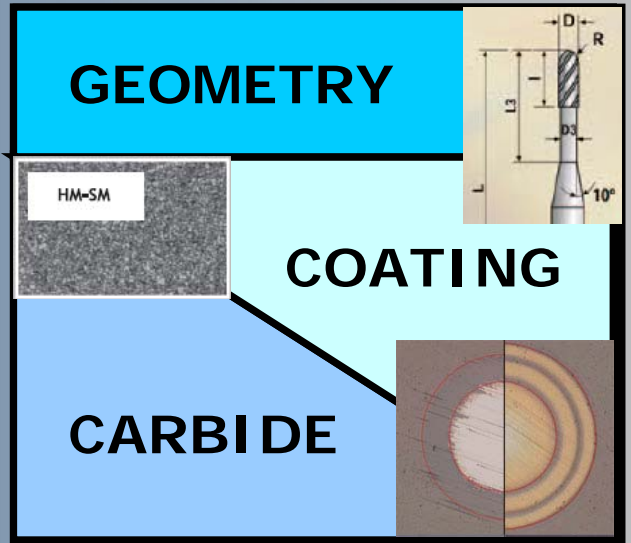


HOW DOES IT WORK? ... DESCRIPTION

Micro-milling with solid carbide micro end mills is characterized by high frequency tool loads and infeeds smaller than 10 µm.

To obtain an excellent performance of Kendu micro tools, it is very important to work with an appropriate cutting conditions. The milling machines must be able to run at very high revolutions.

Using Kendu's technical manual, all the problems about the cutting parameters are solved.

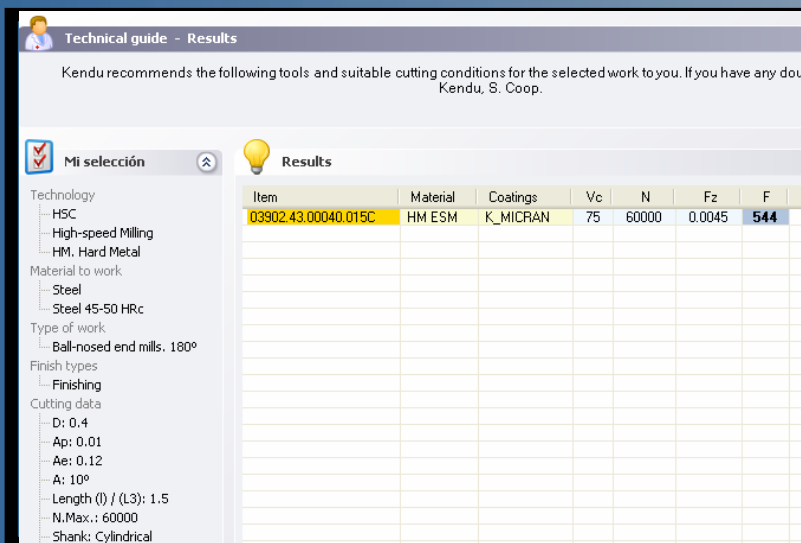


WHY TO USE IT? ... ADVANTAGES

The main advantages of using Kendu's micro tools are followings:

- Improved geometry to increase the tool life in each application.
- Manufactured with only select grades of sub micro grain tungsten carbide. Provides the best wear resistance with its great hardness and extra-fine grain size.
- To increase the hardness of the carbide in the cutting area, the micro cutting tools are subjected to a new, thin, hard surface coating. The coated micro end mills are more efficient to obtain a longer tool life and a better surface finish than the uncoated carbide tools.

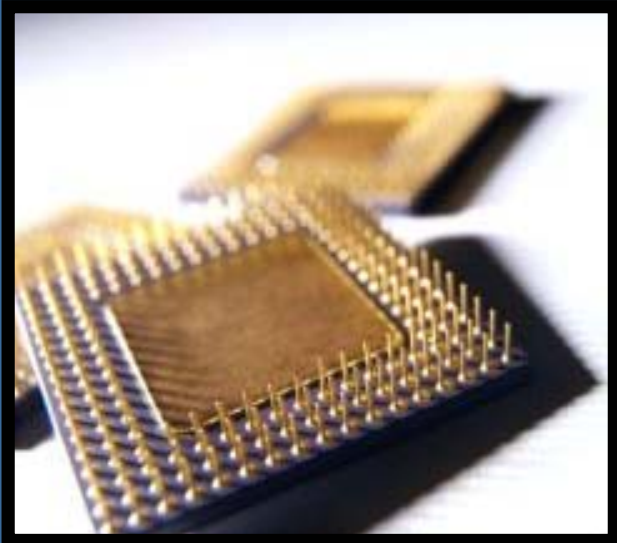
The high-tech grinding machines, combined with experience in manufacturing high-precision tools, allows us to obtain a new set of micro tools that provide an amazing performance.



APPLICATIONS

Micro milling process is having a great importance in order to manufacture components with high quality and accuracy.

ELECTRONIC COMPONENTS



This technology is becoming a perfect solution for some sectors like medical, electronics, automotive and mold industry.

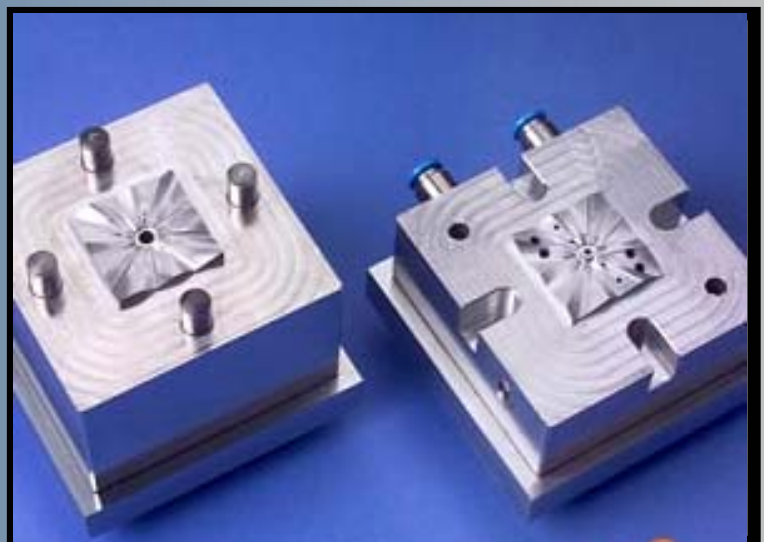
MEDICAL INDUSTRY



AUTOMOTIVE - AIRCRAFT INDUSTRY

More and more industries (medical, optics, computer components, etc.) depend on the ability to cost-effectively manufacture very small, high-precision parts and molds.

MOLD INDUSTRY



EXAMPLES OF ONE APPLICATION

One example of medical industry application is the manufacturing of implants

