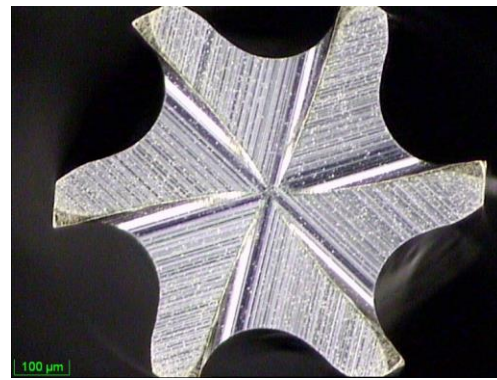
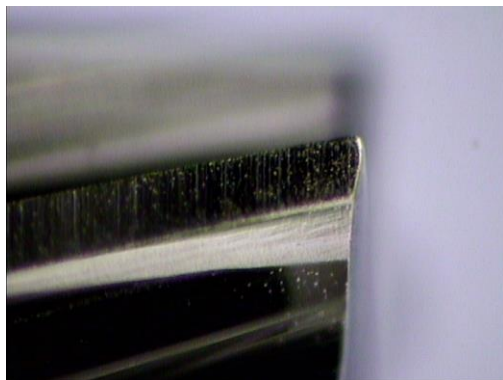
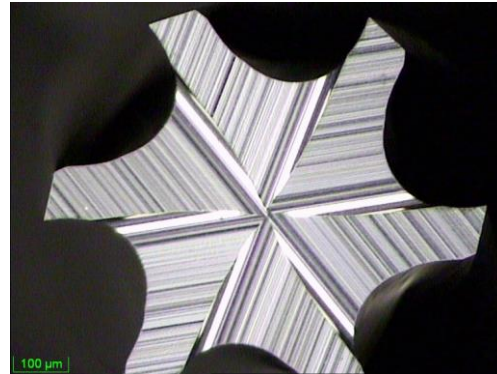
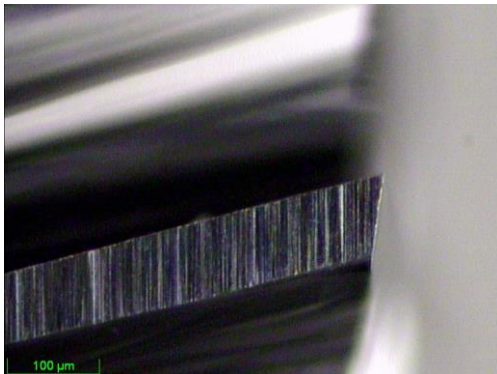


KERN μ -VIEW

For perfect tools in your production



Examples of the endface of a 0.8 mm diameter endmill in a new condition (top) and when the tool had been used (bottom). Evaluation of the tool wear helps the operator to decide on the estimated tool-life remaining.

In the **KERN** high precision sub-contract manufacturing department the **μ -view** was tested by the toughest of inspectors – their own employees. They were able to sort faulty new tools and importantly because of accurate analysis of the cutting edges increase the length of time the tools were used. This resulted in a saving of between 30% and 50% of tool costs and 5% of machine time.



KERN μ -VIEW

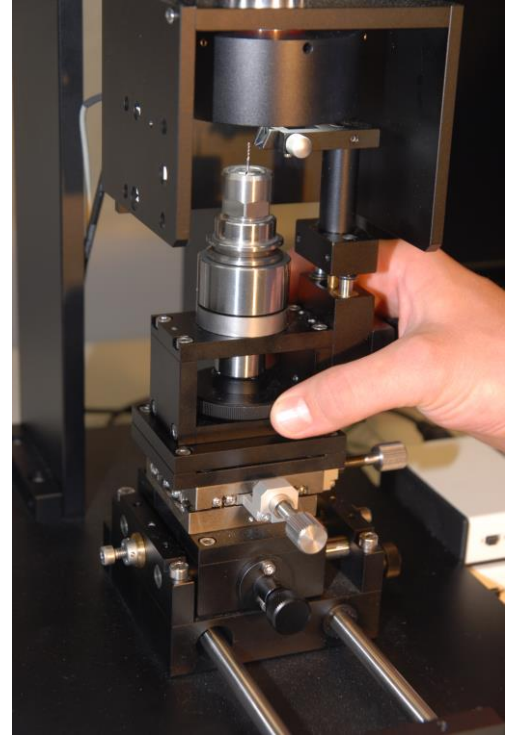
For perfect tools in your production



At first glance they all look good but not every micro tool lives up to expectations. Even new tools are often faulty and this only shows up when the parts produced are not correct. Conversely used tools are taken out of the production system when there is still plenty of tool-life left, because with micro tools the wear on the cutting edges cannot easily be seen.

The new **KERN μ -view** micro tool inspection system enables uncomplicated tool checks. The 350 times magnification gives a clear view of cutting edges on sub-millimetre tools. (An option of 450 times magnification is available). Defective tools are found before the production process.

A variety of tool holding systems are available, HSK20 and 40, Chuck for direct holding of tools 3 to 6 mm and 6 to 10 mm shank diameter.



The accompanying software allows the user to create their own catalogue of master images of any tools. With customised comparison masks the shape and angle accuracy, or wear on used tools can be checked. Any number of views of the tools can be saved with just one click!