

DATRON **PerfectCut**

Fast, precise and contour accurate HSC milling for excellent surface quality

To achieve ideal reproductions of most complex geometries in HSC milling, DATRON has invented the surface smoothing package PerfectCut. With PerfectCut your DATRON M10 Pro, M8Cube and C5 achieve utmost performance levels and machine perfect surfaces and contours without the need for post-processing – enhancing your productivity!



Production increase



You achieve high-quality milling results faster

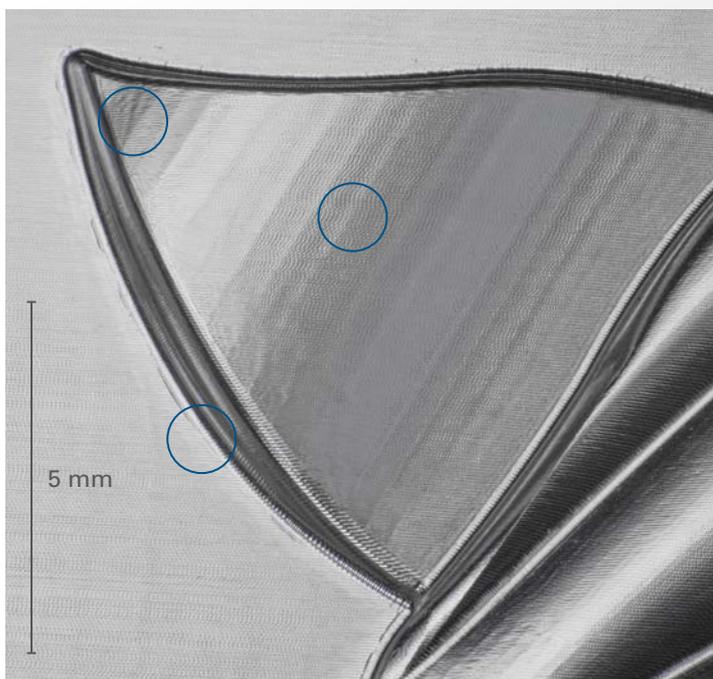
- Significant improvement of manufacturing quality at shorter machine run times
- Less optimisation efforts when programming
- No reworking needed usually

Better surface quality in a shorter time

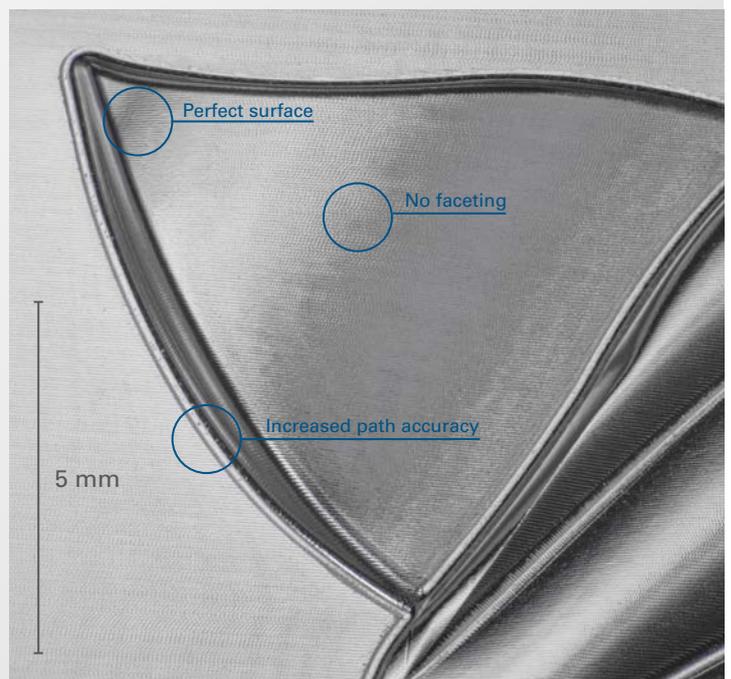


Achievement of better surface finish of workpieces within the same or shorter production time

- Increased path accuracy
- No faceting
- Perfect surface



Before



After

Your lead particularly in micromachining



You can mill even the smallest free-form surfaces and complex geometries and get perfect results

- Very high surface quality with all materials
- Fast processing with very short segment lengths
- Finest NC blocks with maximum feed rates



Perfect results, faster



Your productivity is taken to new heights

- Fast programming
- Fast calculation
- Fast production

Your machine is protected



Your machine stays "fit" longer, even at high-volume production

- Less stress on all mechanic parts (especially the spindle) due to smooth running
- Higher capacity while protecting resources
- Increased end mill durability