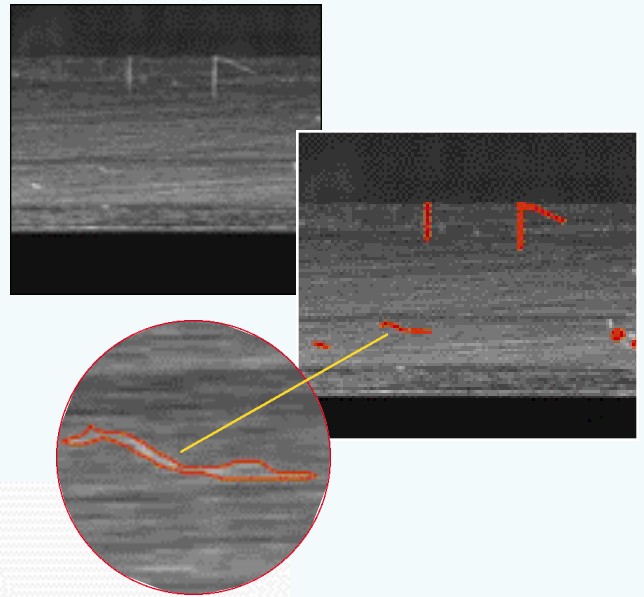


The Efficient Way to Solve Your

Surface Inspection

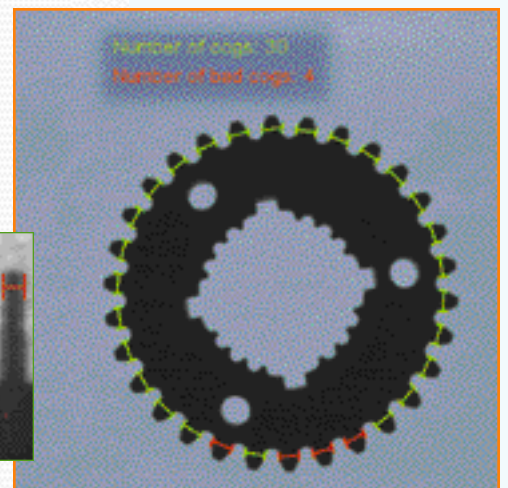
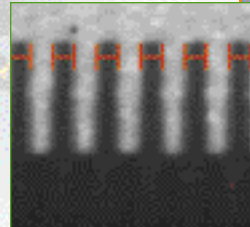
Detecting scratches on surfaces is a hard task. An appropriate illumination is always required. However, reflections may still occur, particularly if the object has a textured surface. HALCON gives you all image processing power you need to tackle with complex surface inspection tasks.



Measure Tool

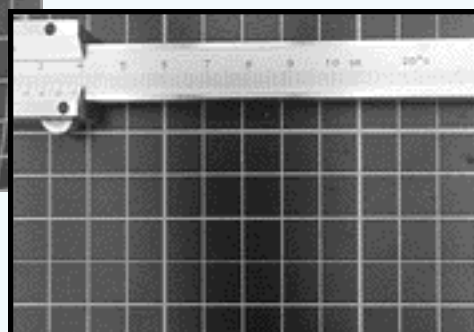
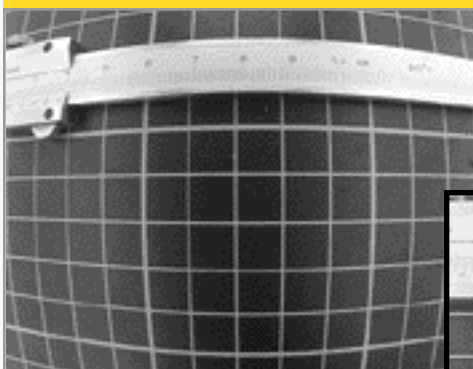
One of the frequently occurring tasks in machine vision is to measure objects along predefined curves. HALCON enables you to extract edges along lines or circular arcs with high subpixel accuracy.

By measuring the width of the pins you can ensure the quality of your ICs.



Cogs on a cogwheel can be measured in less than 10 ms.

Camera Calibration



HALCON enables you to calibrate your camera very easily. With this powerful set of operators you can remove lens distortions from your images and measure objects in world coordinates.