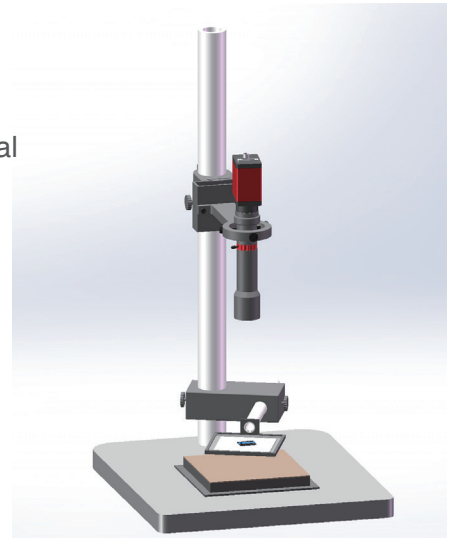


Inspection of faller bars' status

Application: To check if the faller bar tip is staying sharp

NEW TRY Products: Telecentric lens(VWH07-145AT-G) + Parallel back light

- C Mount Bi telecentricity;
- <0.6% distortion;
- Parallel back light provides more distinct edge image than normal back light;
- Illuminate workpiece evenly and get a clear image.



Camera: 5MP AVT Prosilica GT 2450, 2/3", 3.45 μ m

- Resolution (H x V) 2448x2050px

Test conclusion:

- Accuracy: Depending on different cameras resolution and image areas.
12.07mm \times 10.1mm<0.005mm with 2448*2050 pixels.
- Clear parts imaging with high contrast makes it easy to proceed inspection.
- Test image: Achieved image with high definition and great homogeneity.

