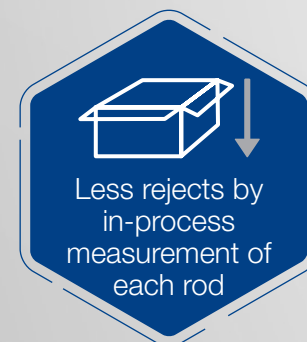


In-Process Measurement of Straightened Rods



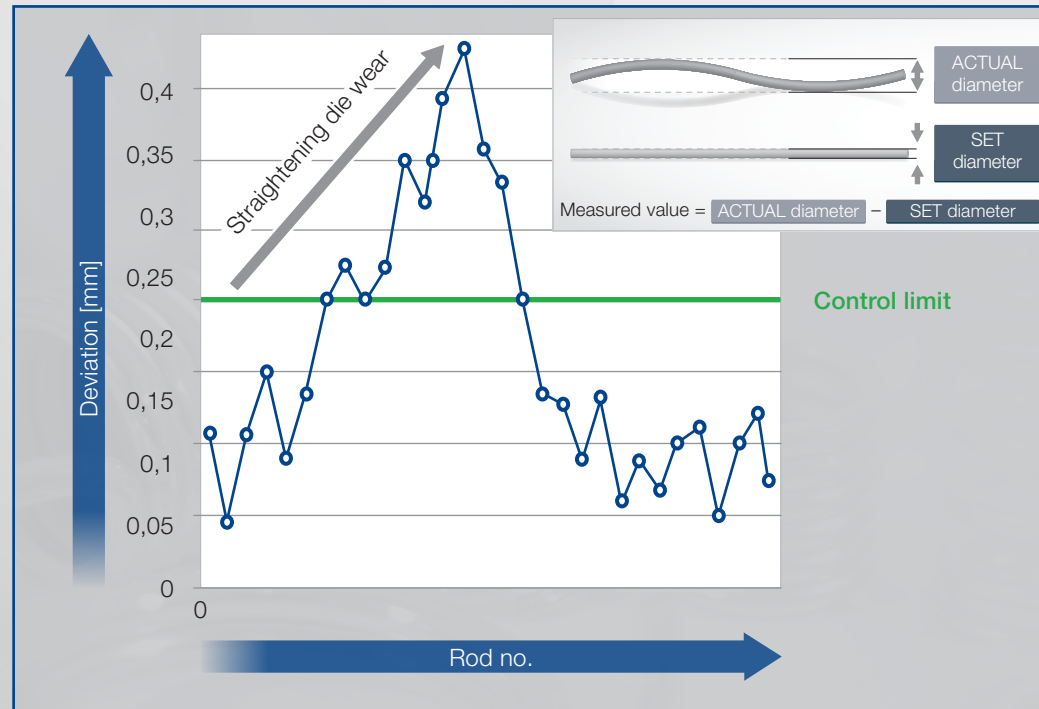
for
straightening machine



Situation

- Wear of straightening dies and fluctuations in wire properties result in variations in the straightness of rods. This results in rejects and a corresponding increase in material and production costs

Solution



- iQm-straight* enables the in-process measurement and control of straightened rods to assess and optimize the straightening quality. A camera measures, by means of backlighting, the straightness of rods after they have been cut off.

Requirements

- Control of straightness only with automatically adjustable rotor
- Cutting length range: 410–2,000 mm depending on wire diameter and material quality. For bar lengths greater than 2,000 mm, we offer measurement of random samples with reduced cutting length and automatic sorting
- Wire diameter: 2.5–7.0 mm
- Output rate max. 80 pcs / min
- Ribbed reinforcing steel cannot be measured