

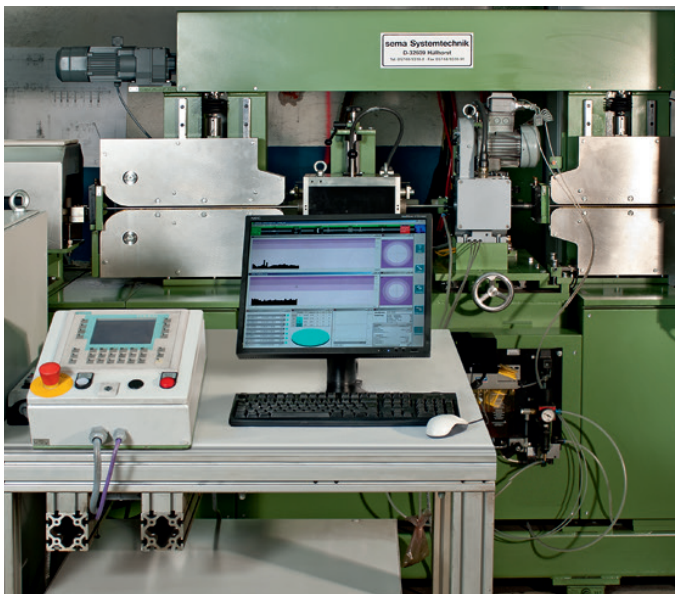
Eddy-current testing

Simply better.

| | Surface quality grades (d = nominal diameter of the rod or distance between parallel surfaces on square and hexagonal bars) | | | |
|---|--|--|--|---|
| | 1 | 2 | 3 | 4 |
| Permitted defect depth | Max. 0.3 mm for $d \leq 15$ mm | Max. 0.3 mm for $d \leq 15$ mm | Max. 0.2 mm for $d \leq 20$ mm | Manufactured to be free of cracks (only possible with a subsequent machining) |
| | Max. $0.02 \times d$ for $15 < d \leq 100$ mm | Max. $0.02 \times d$ for $15 < d \leq 75$ mm | Max. $0.01 \times d$ for $20 < d \leq 75$ mm | |
| | | Max. 1.5 mm for $d > 75$ mm | Max. 0.75 mm for $d > 75$ mm | |
| Max. percentage of delivery weight above the established defect limit | 4% | 1% | 1% | 0.20% |

Test methods: Circograph (rotating scanning probes) and Defektomat (encircling through-type coils)

Dimension: round 6 - 50 mm / hexagonal 6 - 36 mm / square on request



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