



Microfinish for Shock Absorber Rods

Infinity



Microfinish Task

Through feed finishing of shock absorber rods for high production with up to 6 m/min rod through feed speed

Microfinish Advantages

Improvement of surface roughness, surface texture and waviness

Special Machine Features

- Feed rollers with up to 1,100 mm length, fast feed roller change
- Use of 10 stone guides for optimal results
- Stone feeding and lift control via pneumatic proportional valves



Pressure control by proportional valves

Fast change stone holders

Short changeover times



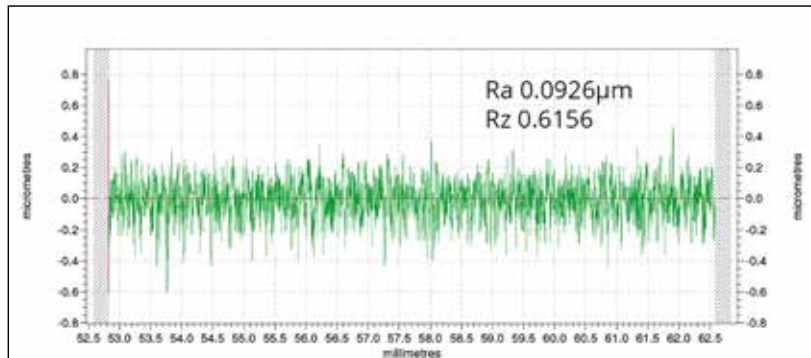


Infinity

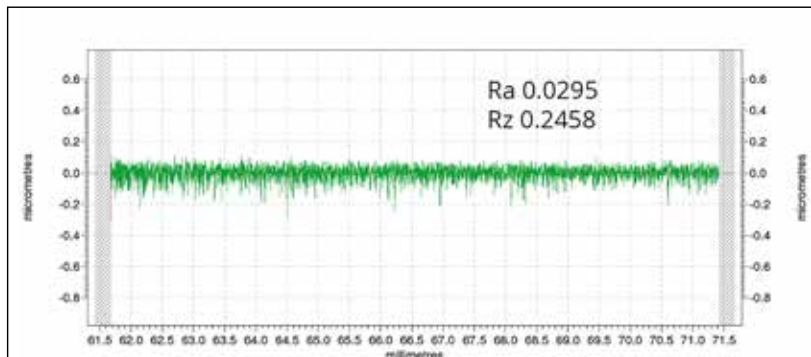
The Infinity is the solution for through feed finishing of shock absorber rods.

- Direct drives of the feed rollers via AC servo drives
- Rollers with up to 1,100 mm length, fast feed roller change
- Quick change of stones and stone holders
- Stone feeding and lift control via pneumatic proportional valves
- Pressure setting via machining program
- Loading and unloading system with magazine
- 3-mass oscillator, pneumatically driven
- Vertical NC-axis for height adjustment of the oscillation unit
- Use of 10 stone guides for optimal finishing results
- Fast changeover of less than 30 min

Example for machining results



Before
Microfinishing



After
Microfinishing

