

Microfinish for Shock Absorber Rods

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





Thielenhaus Infinity with loading/ unloading device

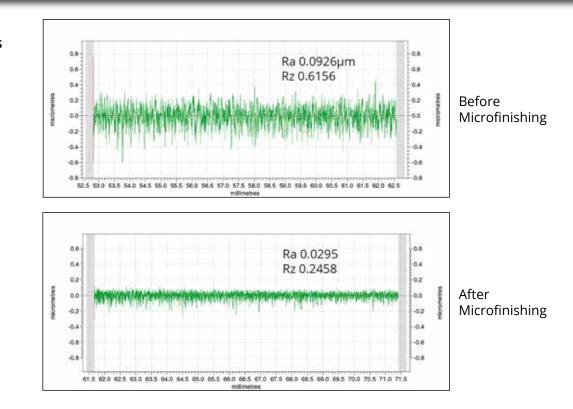


Infinity

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



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Example for machining results