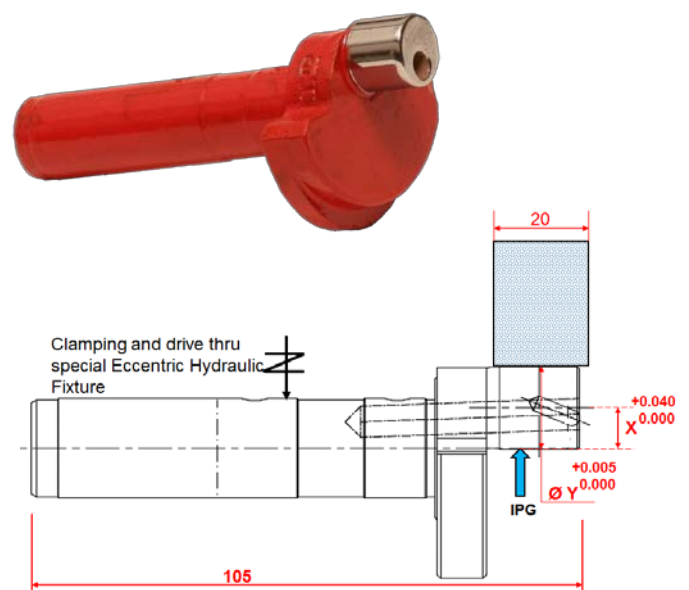
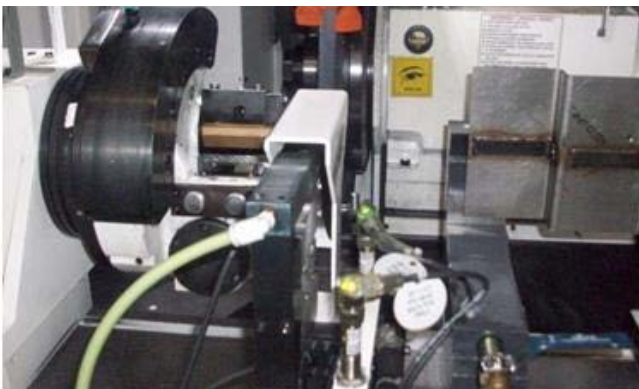


# MASTER<sup>®</sup>

## CASE STUDY #1042

### Cylindrical Grinding Machine

<b>Workpiece:</b>	<b>Compressor Eccentric Shaft</b>
<b>Operation:</b>	Eccentric Pin Grinding
<b>Machine:</b>	Micromatic Stallion SM 40 CNC
<b>Grinding Time:</b>	30 secs
<b>Stock Removal:</b>	0.4mm on OD
<b>OD Size Control:</b>	Within 2 microns (tolerance 5 microns)
<b>Eccentricity Control:</b>	Within 5 microns
<b>Roundness:</b>	Within 1.5 microns
<b>Taper:</b>	Within 1 micron
<b>Surface Roughness:</b>	Within 0.2 $\mu$ Ra
<b>Dressing Skip:</b>	10 components



## SOLUTIONS FOR INDUSTRY

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