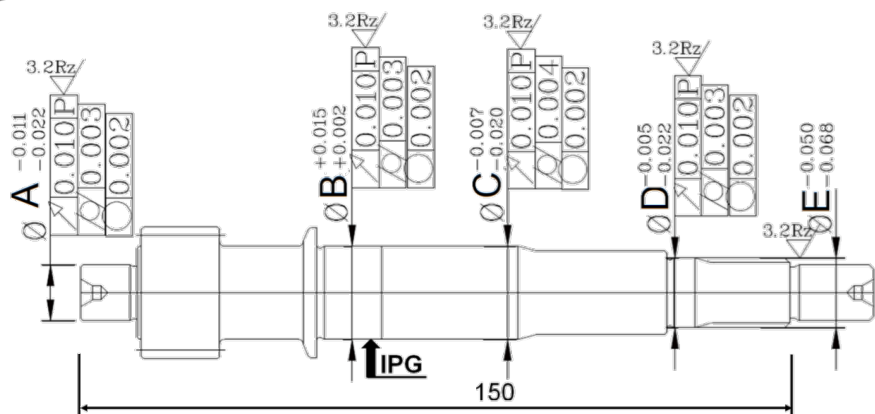


## CASE STUDY #1021

### External Cylindrical Grinding Machine

<b>Workpiece:</b>	Drive Shaft
<b>Operation:</b>	Multi OD Grind in single plunge
<b>Machine:</b>	Micromatic Stallion SM -40 CNC / 45mps
<b>Cycle Time:</b>	29 secs
<b>Stock Removal:</b>	0.3mm
<b>Hardness:</b>	78 HRA
<b>Roundness:</b>	0.002mm
<b>Cylindricity:</b>	0.003mm
<b>Runout on all dia:</b>	0.010mm
<b>Surface Roughness:</b>	3.2 Rz on all dia
<b>Dressing Skip:</b>	20 components



**SOLUTIONS FOR INDUSTRY**