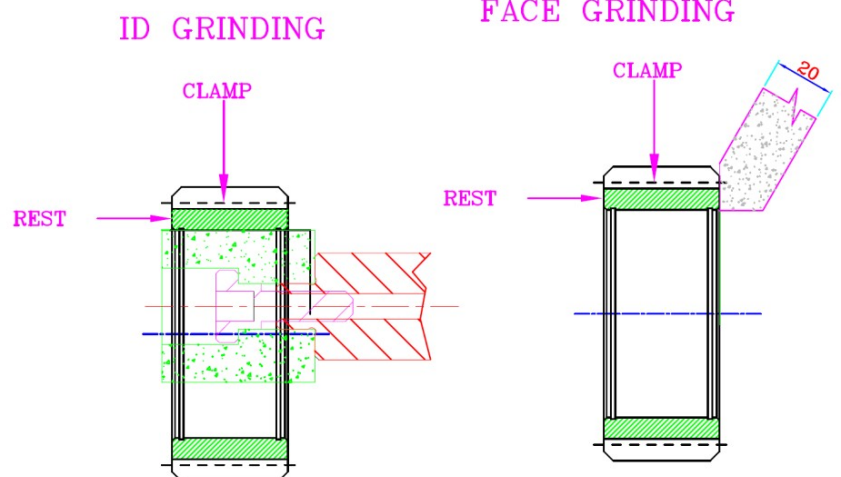


## CASE STUDY #1029

### Internal Grinding Machine

<b>Workpiece:</b>	<b>Planetary Gear</b>
<b>Operation:</b>	Bore & Face by OD Grinding
<b>Machine:</b>	Micromatic IG 150 U
<b>Cycle Time:</b>	95 secs
<b>Stock Removal:</b>	0.3mm in Bore and 0.15mm on Face
<b>CpK:</b>	2.03 (for tolerance of 20 $\mu$ m)
<b>Roundness:</b>	0.001mm
<b>Cylindricity:</b>	0.003mm / 40mm
<b>Runout on face W.R.T ID:</b>	0.01mm
<b>Surface Roughness:</b>	0.4 $\mu$ m Ra



**SOLUTIONS FOR INDUSTRY**