

# MASTER ABRASIVES

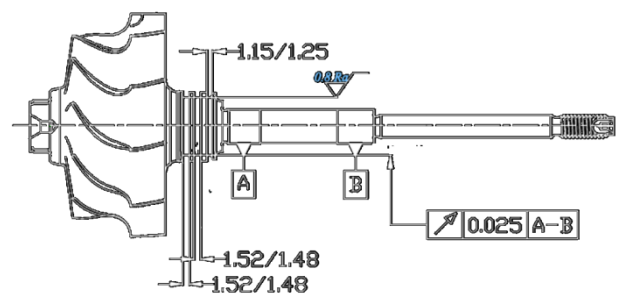
## External Cylindrical Grinding Machine

CASE STUDY

#1012

<b>Workpiece:</b>	<b>Turbo Charger</b>
<b>Operation:</b>	Multiple groove grinding in single plunge
<b>Machine:</b>	Micromatic e-Grind 200 CNC/ 45 mps
<b>Cycle Time:</b>	90 seconds
<b>Flatness on groove face:</b>	0.005mm
<b>All Grooves Width:</b>	Within 10 $\mu$ (1.5 $\pm$ 0.02mm)
<b>Surface finish of groove:</b>	0.8 $\mu$ m Ra
<b>Groove Runout:</b>	0.025mm
<b>Dressing Skip:</b>	5 Components

- All grooves generated in one plunge
- Wheel profile generated by diamond roll



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CONTACT US FOR MORE INFORMATION

**MASTER  
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T:01327-703813

sales@master-abrasives.co.uk

www.master-abrasives.co.uk