

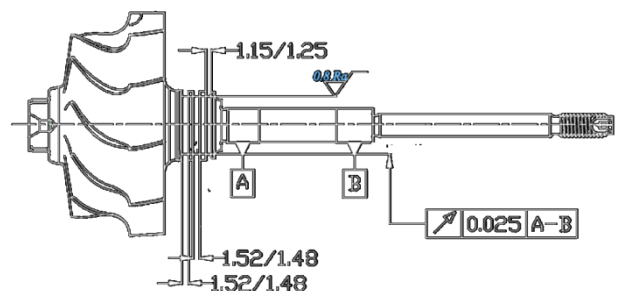
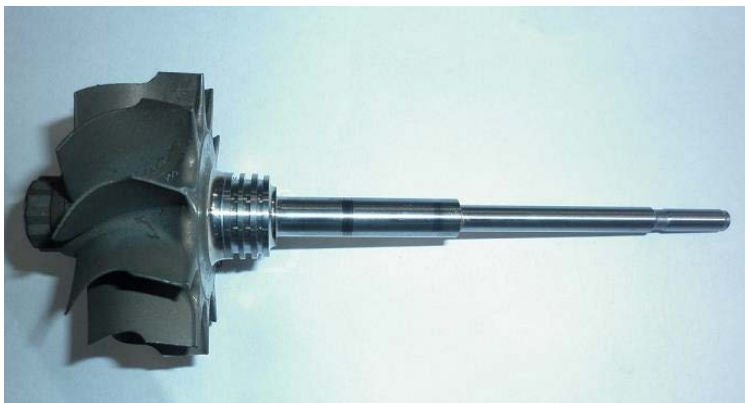
MASTER®

CASE STUDY #1012

External Cylindrical Grinding Machine


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

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



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