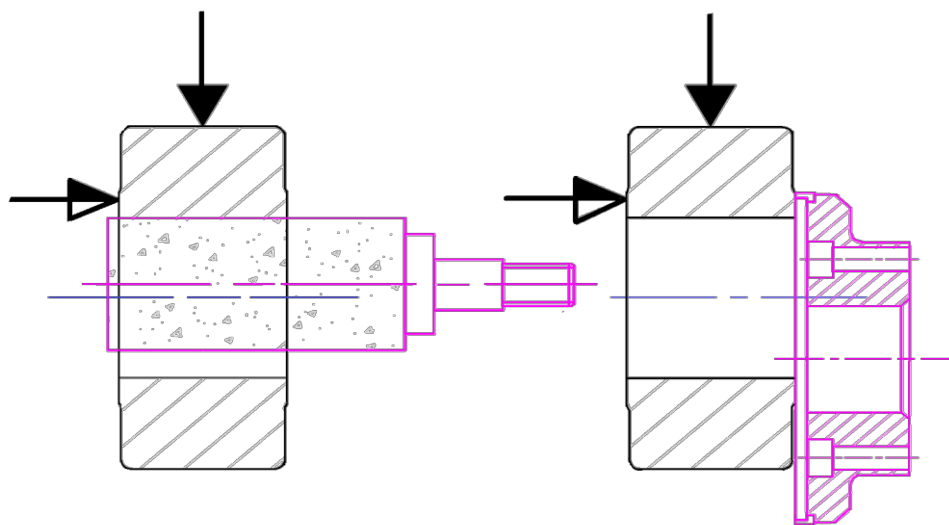


CASE STUDY #1032

Internal Grinding Machine

| | |
|---------------------------|--|
| Workpiece: | Roller Cam Follower |
| Operation: | Bore & Face Grinding |
| Machine: | Micromatic IG 50 |
| Cycle Time: | 65 secs with automation |
| Stock Removal: | 0.2mm in Bore & 0.1mm on Face |
| Hardness: | 60-64 HRC |
| Roundness: | 0.0015mm |
| Straightness: | < 0.001mm |
| Surface Roughness: | 0.4 μm Ra |
| Dressing Skip: | Bore – after 15 components Face – after 30 components |



SOLUTIONS FOR INDUSTRY