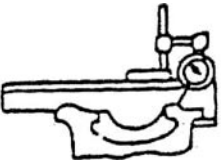
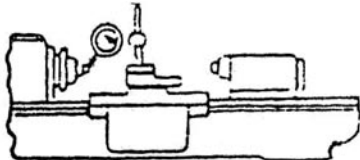
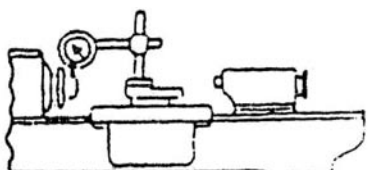
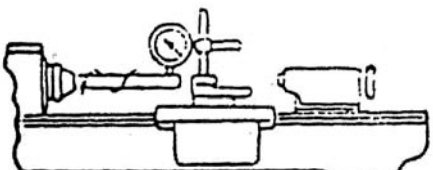
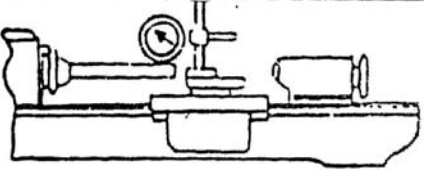
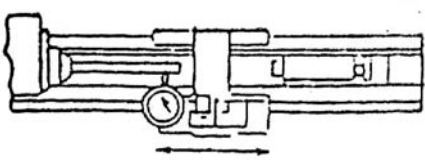
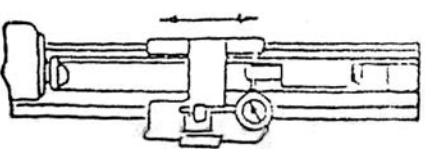


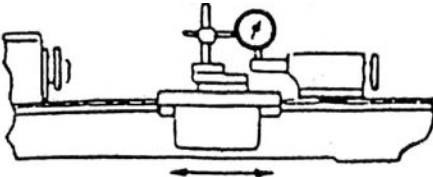
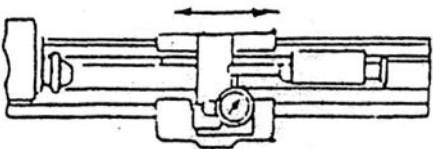
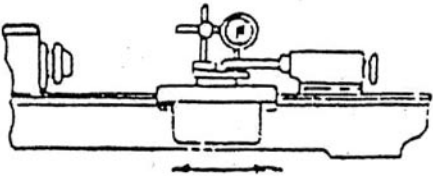
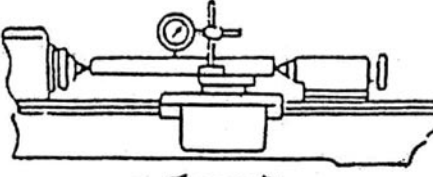

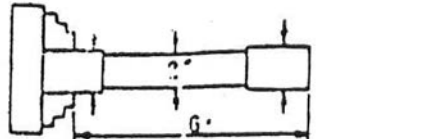
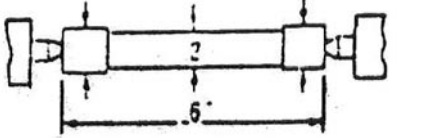
Grizzly *Industrial, Inc.*®

INSPECTION RECORD of Model G4003G Precision Bench Lathe



Test	Allowed Tolerances	Typical Measured Value (mm)	Typical Measured Value (inch)
 <p>1. TAILSTOCK WAY ALIGNMENT</p>	Maximum reading along length of bed 0.02mm in 1000mm (0.0008" in 39.370")	0.018mm	0.0007"
 <p>2. SPINDLE CENTER RUNOUT</p>	Total indicator reading 0 to 0.02mm (0.0008")	0.012mm	0.00047"
 <p>3. SPINDLE NOSE RUNOUT</p>	Total indicator reading 0 to 0.015mm (0.0006")	0.01mm	0.0004"
 <p>4. SPINDLE TAPER RUNOUT</p>	Total indicator reading at end of 12" test bar 0 to 0.03mm (0.001"), 300mm (11.811") at end of spindle nose 0 to 0.015mm (0.0006")	0.02mm 0.007mm	0.00078" 0.00027"
 <p>5. HEADSTOCK ALIGNMENT VERTICAL</p>	High end of 12" test bar 0 to 0.025mm (0.001"), 300mm (11.811")	0.016mm	0.00062"
 <p>6. HEADSTOCK ALIGNMENT HORIZONTAL</p>	At end of 12" test bar 0 to ± 0.02mm (0.0008"), 300mm (11.811")	0.013mm	0.0005"
 <p>7. TAILSTOCK SPINDLE ALIGNMENT HORIZONTAL</p>	Forward at end of spindle when fully extended 0 to 0.0127mm (0.0005")	0.01mm	0.0004"



Test	Allowed Tolerances	Typical Measured Value (mm)	Typical Measured Value (inch)
 <p>8. TAILSTOCK SPINDLE ALIGNMENT VERTICAL</p>	High at end of spindle when fully extended 0 to 0.038mm (0.0015")	0.025mm	0.001"
 <p>9. TAILSTOCK TAPER ALIGNMENT HORIZONTAL</p>	End of 12" test bar 0 to ± 0.04mm (0.0016"), 300mm (11.811")	-0.015mm	-0.0006"
 <p>10. TAILSTOCK TAPER ALIGNMENT VERTICAL</p>	High at tailstock 12" test bar 0 to 0.04mm (0.0016"), 300mm (11.811")	0.03mm	0.0012"
 <p>11. VERTICAL ALIGNMENT OF HEAD AND TAIL CENTERS</p>	High at tailstock 0 to 0.10mm (0.004")	0.06mm	0.0024"
 <p>14. LATHE MUST TURN ROUND WITH WORK MOUNTED IN CHUCK</p>	0.02mm (0.0008")	0.018mm	0.0007"
 <p>15. LATHE MUST TURN CYLINDRICAL ON A 6" LENGTH OF WORK. PIECE MOUNTED IN A CHUCK.</p>	0.05mm (0.00196")	0.026mm	0.001"
 <p>16. LATHE MUST TURN CYLINDRICAL ON A 6" LENGTH OF WORK. PIECE MOUNTED ON CENTERS.</p>	0.025mm (0.001")	0.02mm	0.0008"

