1. What is the axial ‘allowance’ between the wheel subassembly and the shaft ________

2. What is the axial ‘clearance’ between the wheel subassembly and the shaft ________

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**Axial Fit - Tolerance Analysis**

**Allowance**: the minimum allowable difference between mating parts

**Clearance**: the maximum allowable difference between mating parts

**Allowance** = Smallest Hole – Largest Shaft

**Clearance** = Largest Hole – Smallest Shaft

- **Allowance**:
  - Smallest Hole = _____
  - Largest Shaft = 1.5 + _____ + 1.5 = 83.83
  - = _____

- **Clearance**:
  - Largest Hole = _____
  - Smallest Shaft = _____ + 80.50 + _____ = _____
  - = _____

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1. What is the axial ‘allowance’ between the wheel subassembly and the shaft ________

2. What is the axial ‘clearance’ between the wheel subassembly and the shaft ________