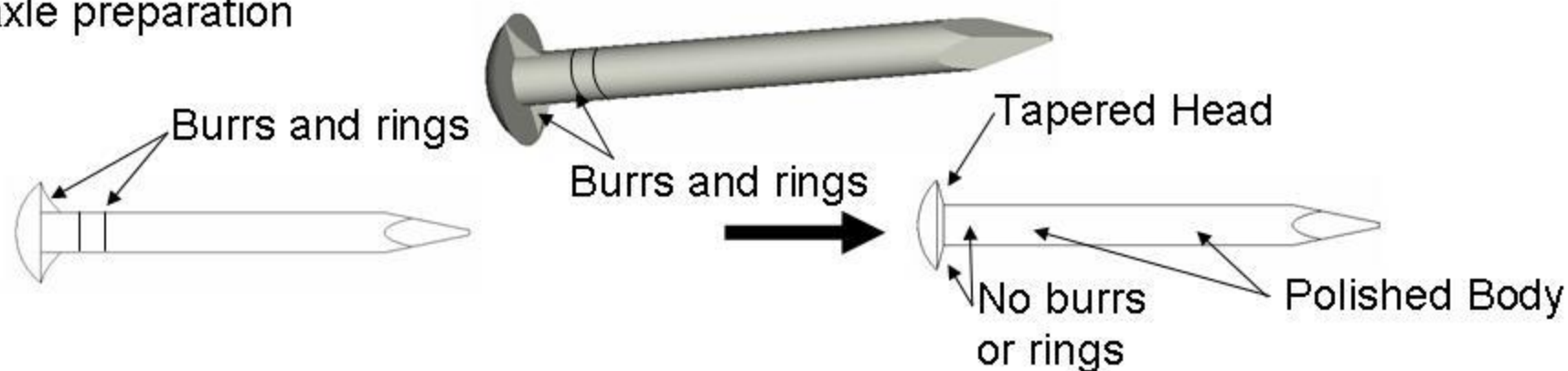
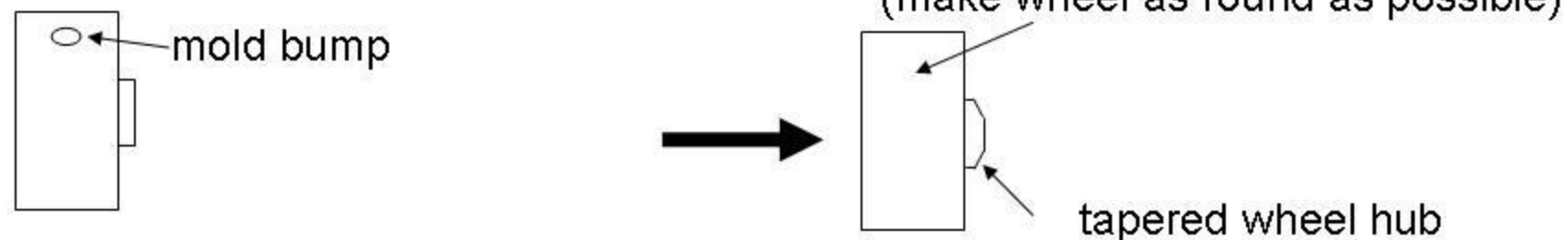


5 Basic Speed Tips for Pinewood Derby

1. axle preparation

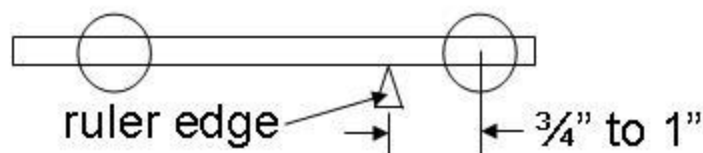


2. wheel preparation



3. weight -> make car 4.98oz (use a scale and add weight as needed)

4. balance -> make car balance at $\frac{3}{4}$ " to 1" in front of rear axle



5. lubrication – put hobby graphite lube in wheel bores, run under car's weight for 40 feet (roll car on a table) to break it in

Advanced*** - roll car on a smooth table, make car roll straight as possible