

New Hope Pinewood Derby Rules

- Width: not to exceed 2 3/4 inches
- Length: not to exceed 7 inches
- Weight: not to exceed 5.0 ounces on a scale accurate to 1/10 ounce. For scales that have more than a single digit beyond the decimal point, the maximum weight is 5.0500
- Height: not to exceed 3 inches
- Clearance: The wheels are the only part of the car allowed to touch the track.
- Front: the front/leading edge of the car must be no more than 1 inch above the wheel lane of the track and be at least 1/2 inch wide at the center of the car. **NO NARROW POINTED FRONT ENDS.**
- Axles, wheels, and body shall be from the materials provided in the kit. Additional wheels can be purchased separately.
- The car must be free-wheeling, with no starting devices.
- No loose materials of any kind are allowed in the car.
- No wheel bearings, washers, and bushings.
- No lubricating oil may be used. Axles may be lubricated with powdered graphite or silicone.
- The car shall not ride on any kind of spring.
- The wheel diameter must be no less than 1.16 inches.
- The tread surface width must be no less than 7.5 mm.
- The tread surface must be flat and parallel to the wheel bore.
- Therefore, the following modifications are prohibited:
 1. Rounding of the tread surface
 2. Grooving, H cutting, or V cutting the tread surface
 3. Drilling holes in the tread, sidewalls, or spoke area.
 4. Removing material from the sidewalls or Spoke
 5. Filling wheel tread with any type of material
 6. Filling the wheel bores and re-drilling the bore

