

**Bridgestone Ecopia Tire Specifications:**

Diameter (D) 19.09"

Section Width (W) 2.48"

Weight 1.61 lbs

Inflation Pressure 114 psi

Load Capacity 350 lbs

Rolling Resistance .0045-.005

← Measured at 100KPH at 6 kg/cm<sup>2</sup>

**NGM Wheel Specifications:**

Material Al 6061-T6

Nominal Rim Diameter 14"

Weight 3.5 lbs

Load Capacity 500 lbs

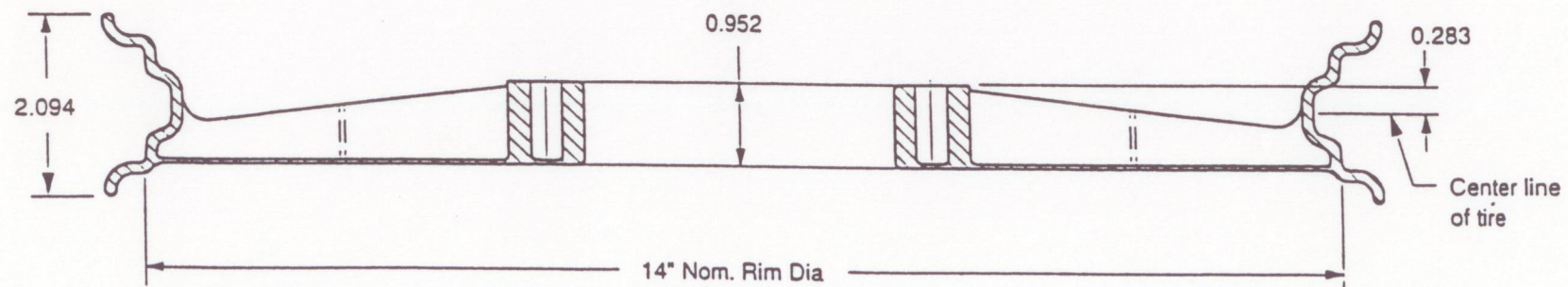
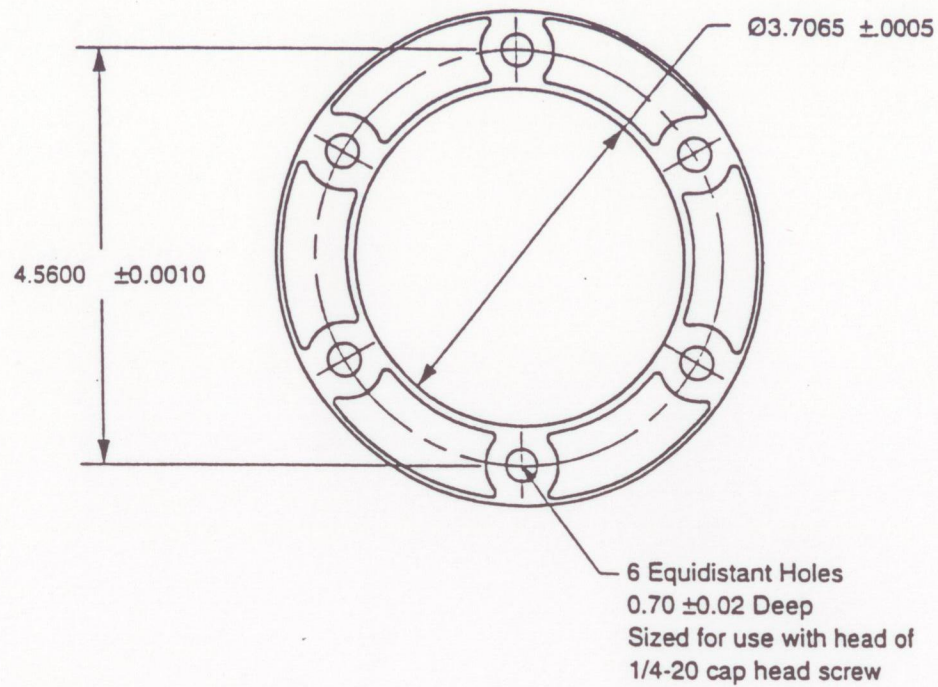


New Generation Motors

NGM Solar Car Wheel / Bridgestone Ecopia Tire Specs

September 13, 1996

Scale: None



New Generation Motors

NGM Solar Car Wheel

September 13, 1996

Dimensions are in inches

Scale: None



Valve Stem  
(See detail)

30°

0.64

0.30 D

0.45

0.45D

Valve Stem Detail.

TOLS: X.XX  $\pm 0.05$   
 $X^\circ \pm 3^\circ$



New Generation Motors

NGM Solar Car Wheel - Valve Stem Detail

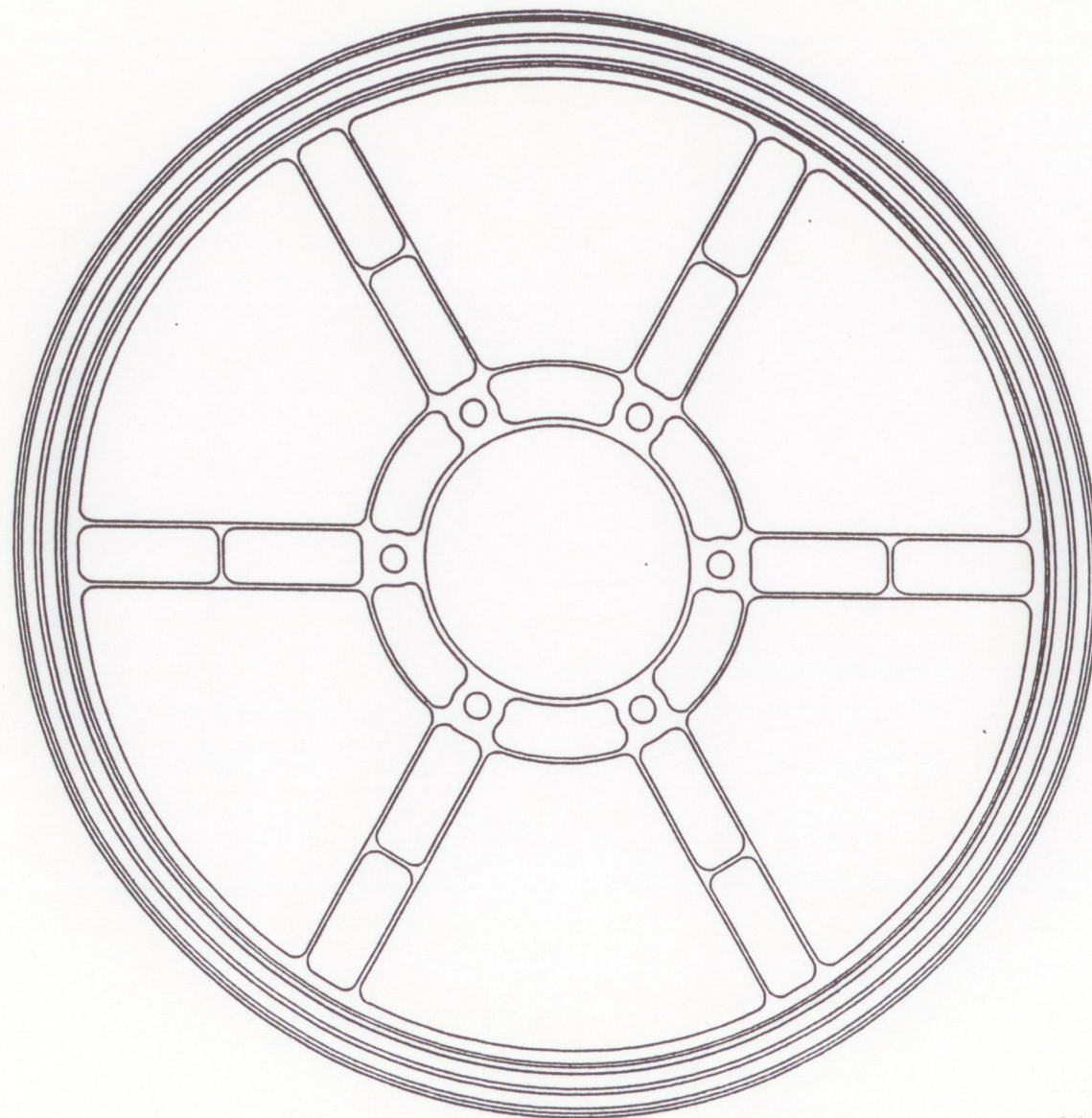
September 13, 1996

Dimensions are in inches

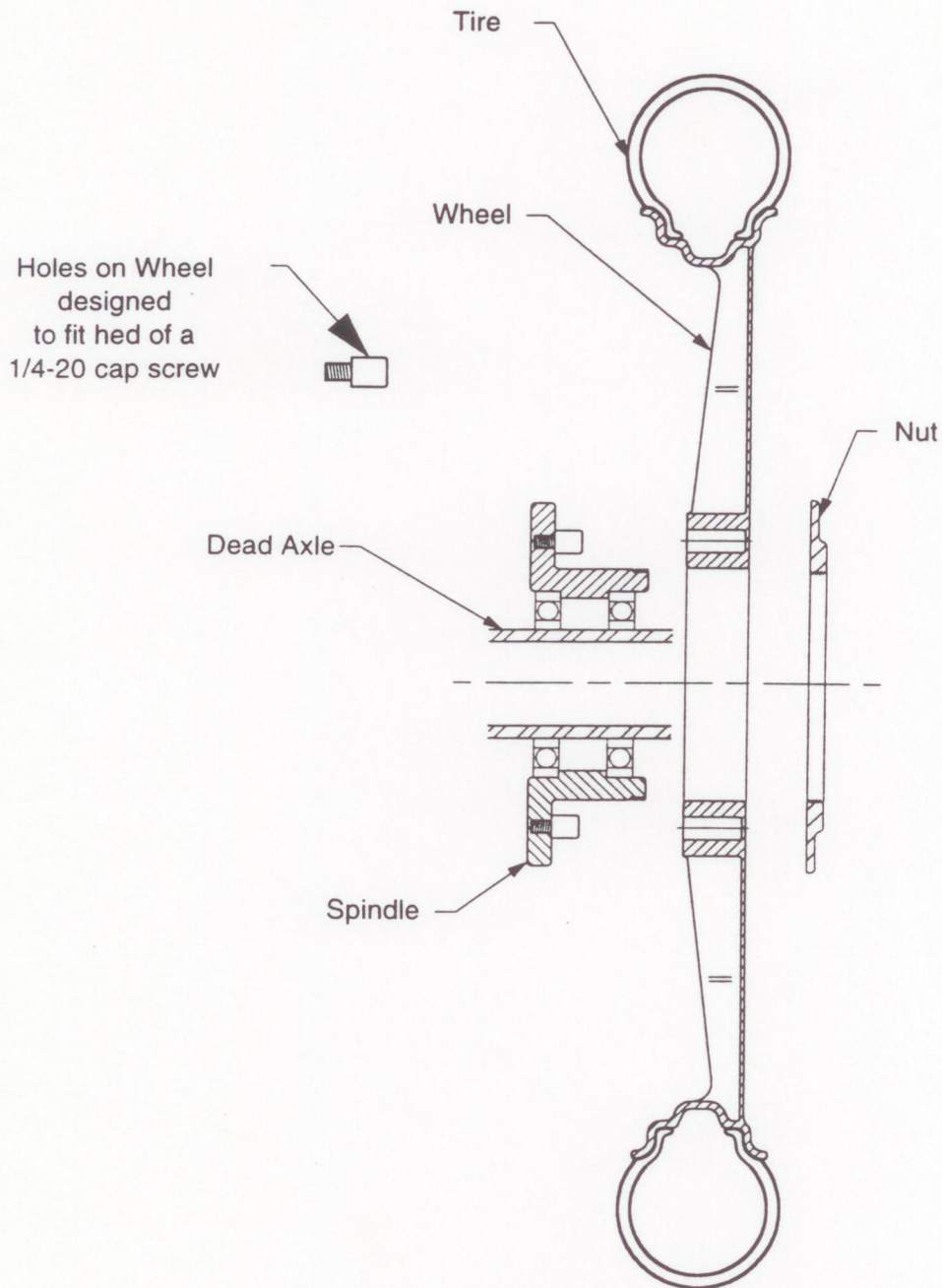
Scale None



NGM HL-2-Def



Material: Al 6061-T6



**WARNING:** For Illustration purposes only  
Not for Design

**Figure 3:** Recommended Wheel Mounting to Spindle