Compact 4″ main wheel assemblies for experimental aircraft, engineered for precision fitment and consistent braking performance. High-strength aluminum or magnesium wheel halves with tapered roller bearings, felt dust seals, and disc brake compatibility. Optimized for lighter aircraft requiring balanced load capacity, reduced weight, and reliable stopping power.

- Brake Calipers utilize standard brake pads and O-ring seals
- Uses 3/4 " axle
- Static Load Rating 700lb. per wheel
- Kinetic Eneregy 72,000 ft-lb

4 inch Main Wheel Assemblies

								Included Parts		
Wheel Size	**Static Load Rating (lbs)**	**Assembly Weight (lbs)**	**Brake Disc Thickness (in)**	**Kinetic Energy (ft-lbs)**	**Axle Diameter (in)**	**Material**	**Part Number**	**Wheel**	**Caliper**	**Brake Pad**
4.00 x 4	700	4.05	0.16	72000	0.75	Al	40-101	40-3A	39-1	066-106
4.00 x 4	700	4.16	0.16	72000	0.75	Al	40-102	40-1A	39-2	066-106

Capabilities: Multi-axis CNC machining, precision waterjet cutting, CNC bending, fiber laser cutting (flat & tube), and AWS D17.1 certified MIG/TIG welding.