6” Main Wheel Assemblies for experimental aircraft. Aluminum or magnesium construction. Designed for 1-1/4″, 1.5″, or 1.25″ axle applications depending on series.

- 60 Series: Used on heavier Experimental aircraft
- 61 Series: For lighter Experimental aircraft with 1.5" axles
- 65 Series: For lighter Experimental aircraft with 1.25" axles
- 66 Series: For heavier aircraft and better stopping power
- 67 Series: Highest load rating and stopping power

- Available in either Aluminum or Magnesium
- Fit standard 1-1/4" axles
- Have felt dust seals
- Use precision tapered roller bearings

60 Series - Heavy Weight

								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**
6.00 x 6	1750	10.5	0.25	270755	1.5	Al	60-162	60-1A	36-2A	066-105
6.00 x 6	1750	10.4	0.25	206406	1.5	Al	60-163	60-1A	36-3A	066-105
6.00 x 6					1.5	Al	60-169	60-1A	36-3A	066-105
6.00 x 6	1750	9.2	0.25	270755	1.5	Mg	60-262	60-1M	36-2M	066-105
6.00 x 6	1750	9.2	0.25	206406	1.5	Mg	60-263	60-1M	36-3M	066-105
6.00 x 6					1.5	Mg	60-269	60-1M	36-3M	066-105

61 Series - Light Weight w/ 1.5" Axle

								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**
6.00 x 6	1250	9.1	0.19	170149	1.5	Al	61-103	61-1A	30-3A	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.

								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**
6.00 x 6						Al	61-107	61-1A	30-3A	066-106
6.00 x 6	1250	9.2	0.19	170149	1.5	Al	61-111	61-1A	31-1A	066-111
6.00 x 6	1250	9.2	0.19	168934	1.5	Al	61-135	61-1A	33-5A	066-111
6.00 x 6	1250	9.2	0.19	170149	1.5	Al	61-161	61-1A	36-1A	066-105
6.00 x 6	1250	8	0.19	170149	1.5	Mg	61-202	61-1M	30-2M	066-106
6.00 x 6	1250	8	0.19	170149	1.5	Mg	61-203	61-1M	30-3M	066-106
6.00 x 6						Mg	61-207	61-1M	30-3M	066-106
6.00 x 6	1250	7.7	0.19	144385	1.5	Mg	61-208	61-4M	30-3M	066-106
6.00 x 6	1250	8.1	0.19	170149	1.5	Mg	61-211	61-1M	31-1M	066-111
6.00 x 6	1250	8.1	0.19	170149	1.5	Mg	61-261	61-1M	36-1M	066-105

65 Series - Light Weight w/ 1.25" Axle

								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**
6.00 x 6	1250	7.35	0.19	170149	1.25	Al	65-101	65-1A	30-1A	066-106
6.00 x 6	1250	8.8	0.19	170149	1.25	Al	65-102	65-1A	30-2A	066-106
6.00 x 6	1250	8.85	0.19	170149	1.25	Al	65-103	65-1A	30-7A	066-106
6.00 x 6	1250	8.85	0.19	170149	1.25	Al	65-105	65-1A	30-5A	066-106
6.00 x 6	1250	8.85	0.19	170149	1.25	Al	65-106	65-1A	30-6A	066-106
6.00 x 6	1250	8.88	0.19	170149	1.25	Al	65-107	65-1A	30-7A	066-106
6.00 x 6	1250	8.65	0.19	170149	1.25	Al	65-109	65-7A	30-5A	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.

								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**
6.00 x 6	1250	9.11	0.19	170149	1.25	Al	65-111	65-1A	31-5A	066-111
6.00 x 6	1250	9.07	0.19	170149	1.25	Al	65-115	65-1A	31-5A	066-111
6.00 x 6	1250	8.67	0.19	144385	1.25	Al	65-119	65-7A	31-5A	066-111
6.00 x 6	1250	9.07	0.19	170149	1.25	Al	65-121	65-1A	32-1A	066-111
6.00 x 6	1250	9.37	0.25	206406	1.25	Al	65-122	65-5A	32-6A	066-111
6.00 x 6	1250	9.37	0.25	206406	1.25	Al	65-126	65-5A	32-6A	066-111
6.00 x 6	1250	9.37	0.19	170149	1.25	Al	65-135	65-1A	33-5A	066-111
6.00 x 6	1250	10.22	0.25	206406	1.25	Al	65-152	65-5A	35-6A	066-106
6.00 x 6	1250	7.35	0.19	170149	1.25	Mg	65-201	65-1M	30-1M	066-106
6.00 x 6	1250	7.35	0.19	170149	1.25	Mg	65-202	65-1M	30-2M	066-106
6.00 x 6	1250	7.4	0.19	170149	1.25	Mg	65-203	65-1M	30-7M	066-106
6.00 x 6	1250	7.4	0.19	170149	1.25	Mg	65-205	65-1M	30-5M	066-106
6.00 x 6	1250	7.4	0.19	170149	1.25	Mg	65-206	65-1M	30-6M	066-106
6.00 x 6	1250	7.43	0.19	170149	1.25	Mg	65-207	65-1M	30-7M	066-106
6.00 x 6	1250	7.2	0.19	170149	1.25	Mg	65-209	65-7M	30-5M	066-106
6.00 x 6	1250	7.64	0.19	170149	1.25	Mg	65-211	65-1M	31-5M	066-111
6.00 x 6	1250	7.6	0.19	170149	1.25	Mg	65-215	65-1M	31-5M	066-111
6.00 x 6	1250	7.2	0.19	170149	1.25	Mg	65-218	65-7M	30-2M	066-111
6.00 x 6	1250	7.2	0.19	144385	1.25	Mg	65-219	65-7M	31-5M	066-111
6.00 x 6	1250	7.6	0.19	170149	1.25	Mg	65-221	65-1M	32-1M	066-111
6.00 x 6	1250	7.9	0.25	206406	1.25	Mg	65-222	65-5M	32-6M	066-111
6.00 x 6	1250	7.9	0.19	170149	1.25	Mg	65-225	65-1M	32-5M	066-111

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

								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**
6.00 x 6	1250	7.9	0.25	206406	1.25	Mg	65-226	65-5M	32-6M	066-111
6.00 x 6	1250	7.9	0.19	170149	1.25	Mg	65-235	65-1M	33-5M	066-111
6.00 x 6	1250	8.95	0.25	206406	1.25	Mg	65-252	65-5M	35-6M	066-106

66 Series - More Stopping Power

								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**
6.00 x 6	1750	11.15	0.25	206406	1.5	Al	66-152	60-1A	35-6A	066-106
6.00 x 6	1750	11.6	0.313	233864	1.5	Al	66-153	60-3A	35-3A	066-106
6.00 x 6	1750	11.82	0.375	280188	1.5	Al	66-154	60-5A	35-4A	066-106
6.00 x 6	1750	9.9	0.25	206406	1.5	Mg	66-252	60-1M	35-6M	066-106
6.00 x 6	1750	10.3	0.313	233864	1.5	Mg	66-253	60-3M	35-3M	066-106
6.00 x 6	1750	11.82	0.375	280188	1.5	Mg	66-254	60-5M	35-4M	066-106
6.00 x 6	1750	12.7	0.375	280188	1.5	Mg	66-274	60-5M	37-4M	066-105

67 Series - Heavy Weight

								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**
6.00 x 6	2500	14.25	0.375	280188	1.5	Al	67-174	67-1A	37-4A	066-105
6.00 x 6	2800	15.05	0.5	373584	1.5	Al	67-176	67-6A	37-6A	066-105
6.00 x 6	2500	12.25	0.375	280188	1.5	Mg	67-274	67-1M	37-4M	066-105

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

								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**
6.00 x 6	2800	13.05	0.5	373584	1.5	Mg	67-276	67-6M	37-6M	066-105

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