



## 4 inch Main Wheel Assemblies

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 Energy 72,000 ft-lb

								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



## 4 inch Nose Wheel Assemblies

Compact 4" nose wheel assemblies for experimental aircraft, engineered for smooth steering response and reliable load support. Precision-machined aluminum or magnesium construction with tapered roller bearings and felt grease seals for reduced friction, durability, and dependable field performance.

- Light: Perfect for a variety of light sport Aircraft
- B&G: Direct replacement for Brock and Gerdes 4" nose wheel
- Scott: General nose wheel or direct replacement for Scott Tailwheel
- Tapered Roller Bearings

- Static Load Rating 1000lb. per wheel

## B&G

Wheel Size	Static Load Rating (lbs)	Assembly Weight (lbs)	Axle Diameter (in)	Material	Part Number
2.80 x 4.8	1000	1.87	0.75	Al	49-3A

## Light

Wheel Size	Static Load Rating (lbs)	Assembly Weight (lbs)	Axle Diameter (in)	Material	Part Number
4.00 x 4	1000	1.98	0.75	Al	49-1A

## Scott

Wheel Size	Static Load Rating (lbs)	Assembly Weight (lbs)	Axle Diameter (in)	Material	Part Number
3.30 x 4.8	1000	1.81	0.5	Al	49-7A

5 inch Main Wheel Assemblies

## 5 inch Main Wheel Assemblies

Braking torque calculated at 600 psi brake line pressure

Weights are for one wheel, disc and caliper

Set includes two wheel & brake assemblies

- 50 Series: Used on Aircraft with a gross weight of 2500 lbs or less
- 51 Series: Light weight wheel assemblies for aircraft with a gross weight under 1600 lbs
- 55, 56, 57 & 58 Series: Same wheel as 50 series, but with heavier brakes for greater stopping power
- Available in either Aluminum or Magnesium
- Fit standard 1-1/4" axles
- Have felt dust seals
- Use precision tapered roller bearings

### 50 Series - Standard 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
5.00 x 5	1285	7.1	0.19	120149	1.25	Al	50-101	50-1A	30-1A	066-106
5.00 x 5	1285	7.1	0.19	120149	1.25	Al	50-102	50-1A	30-2A	066-106
5.00 x 5	1285	7.1	0.19	120149	1.25	Al	50-103	50-1A	30-3A	066-106
5.00 x 5	1285	6.3	0.19	120149	1.25	Al	50-111	50-1A	31-1A	066-111
5.00 x 5	1285	6.1	0.19	120149	1.25	Mg	50-201	50-1M	30-1M	066-106
5.00 x 5	1285	6.1	0.19	120149	1.25	Mg	50-202	50-1M	30-2M	066-106
5.00 x 5	1285	6.1	0.19	120149	1.25	Mg	50-203	50-1M	30-3M	066-106
5.00 x 5	1285	6.3	0.19	120149	1.25	Mg	50-211	50-1M	31-1M	066-111

### 51 Series - Light 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
5.00 x 5	800	6.6	0.19	120149	1.25	Al	51-101	51-1A	30-1A	066-106
5.00 x 5	800	5.6	0.19	120149	1.25	Mg	51-201	51-1M	30-1M	066-106

### 55 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
5.00 x 5	1285	7.5	0.25	162315	1.25	Al	55-104	55-1A	30-4A	066-106

								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
5.00 x 5	1285	7.6	0.25	162315	1.25	Al	55-112	55-1A	31-2A	066-111
5.00 x 5	1285	6.35	0.25	162315	1.25	Mg	55-204	55-1M	30-4M	066-106
5.00 x 5	1285	6.45	0.25	162315	1.25	Mg	55-212	55-1M	31-2M	066-111

### 56 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
5.00 x 5	1285	7.9	0.313	205146	1.25	Al	56-113	56-1A	31-3A	066-111
5.00 x 5	1285	7.9	0.313	205146	1.25	Al	56-123	56-1A	32-3A	066-111
5.00 x 5	1285	6.8	0.313	205146	1.25	Mg	56-213	56-1M	31-3M	066-111
5.00 x 5	1285	6.8	0.313	205146	1.25	Mg	56-223	56-1M	32-3M	066-111
5.00 x 5	1285	7.7	0.313	205146	1.25	Al	56-513	56-3A	31-3A	066-111
5.00 x 5						Al	56-516			
5.00 x 5	1285	6.7	0.313	205146	1.25	Mg	56-613	56-3M	31-3M	066-111
5.00 x 5						Mg	56-616			

### 57 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
5.00 x 5	1285	8.3	0.375	246175	1.25	Al	57-124	57-1A	32-4A	066-111
5.00 x 5	1285	8.3	0.375	246175	1.25	Al	57-134	57-1A	33-4A	066-111

								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
5.00 x 5	1285	7.2	0.375	246175	1.25	Mg	57-224	57-1M	32-4M	066-111
5.00 x 5	1285	7.2	0.375	246175	1.25	Mg	57-234	57-1M	33-4M	066-111

## 58 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
5.00 x 5	1285	8.33	0.425	278998	1.25	Al	58-138	58-1A	33-8A	066-111
5.00 x 5	1285	7.33	0.425	278998	1.25	Mg	58-238	58-1M	33-8M	066-111

5 inch Nose Wheel Assemblies

## 5 inch Nose Wheel Assemblies

- Available in either Aluminum or Magnesium
- Tapered Roller Bearings
- Felt Grease Seals

Wheel Size	Static Load Rating (lbs)	Assembly Weight (lbs)	Axle Diameter (in)	Material	Part Number
5.00 x 5	1285	3.9	1.25	Al	59-1A
5.00 x 5	1285	2.9	1.25	Mg	59-1M
5.00 x 5	800	3.4	1.25	Al	59-2A
5.00 x 5	800	2.4	1.25	Mg	59-2M

6 inch Main Wheel Assemblies

## 6 inch Main Wheel Assemblies

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

								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

								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

								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

								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

59-1012 is a nose wheel assembly designed for Game Metalworks aircraft wheel

## 6 inch Nose Wheel Assemblies

- Available in either Aluminum or Magnesium
- Tapered Roller Bearings
- Felt Grease Seals

Wheel Size	Static Load Rating (lbs)	Assembly Weight (lbs)	Axle Diameter (in)	Material	Part Number
6.00 x 6	1750	6	1.5	Al	69-1A
6.00 x 6	1750	4.8	1.5	Mg	69-1M
6.00 x 6	1200	5.5	1.5	Al	69-2A
6.00 x 6	1200	4.4	1.5	Mg	69-2M
6.00 x 6	1250	4.4	1.25	Mg	69-7M

58-1010A is a wheel designed for Game Metalworks aircraft wheel

## Amphibious Wheel Assemblies

- Anodized A356 Aluminum
- Watertight lip seals in place of normal seals
- Grease retainer between wheel halves
- Drain holes
- Braking torque calculated at 600 psi brake line pressure
- Weights are for one wheel, disc and caliper
- Set includes two wheel & brake assemblies

## Main Wheels

								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
							50-921			
6.00 x 6	1750	10.5	0.25	270755	1.5	Al	60-962	60-1A	36.2A	066-105
6.00 x 6	2500	12.25	0.375	280188	1.5	Mg	67-977	67-1M	37-4M	066-105

### Nose Wheels

Wheel Size	Material	Part Number
4.00 x 4	Al	49-7AF
2.80 x 4	Al	49-9AF
5.00 x 5	Al	59-1AF
6.00 x 6	Al	69-1AF

58-1010A is a wheel designed for Game Metalworks aircraft wheel

### Tubeless Main Wheel Assemblies

- Brake Calipers utilize standard brake pads and O-ring seals
- Discs are treated for longer life
- Durable all-metal valve stem
- O-ring seal between wheel halves
  
- Braking torque calculated at 600 psi brake line pressure
- Weights are for one wheel, disc and caliper
- Set includes two wheel & brake assemblies

### 6.00 x 6 Tubeless

Wheel Size	Static Load Rating (lbs)	Kinetic Energy (ft-lbs)	Axle Diameter (in)	Part Number
6.00 x 6	1750	270755	1.5	60-462

Wheel Size	Static Load Rating (lbs)	Kinetic Energy (ft-lbs)	Axle Diameter (in)	Part Number
6.00 x 6	1250	168934	1.25	65-421

**8.50 x 10 Tubeless**

Wheel Size	Static Load Rating (lbs)	Assembly Weight (lbs)	Kinetic Energy (ft-lbs)	Axle Diameter (in)	Part Number
8.50 x 10	2225	16.92	264547	1.5	28-1027B
8.50 x 10	1800	15.96	247000	1.25	28-1028