**AXLES**

**HOMEBUILDERS MAIN GEAR AXLES**

**ACS AXLES - BOLT-ON TYPE**


500X5 AXLE - For 199-152 heavy duty discs (as used in Cozy). Similar as #1701 axes above except 6" long and without undercut between bearings. P/N 11701-2.............. $44.75 Ea.

**SPACERS FOR 500 X 5 AXLE** - 2 required per axle when used with Cleveland wheels. Not required on 600x6 size. P/N 11716 ............... $7.50 Ea.

**EXTRA WIDE SPACER FOR 500X5 AXLE** - 7/16" wide as used on 199-152 heavy duty discs. 1 required per axle with P/N 11716 (Use Axle # 11701-2) P/N 11716-2........... $5.70 Ea.

600X6 AXLE - Similar to 500 x 5 size but 1-1/2" dia. x 6-1/4" long. Two 5-1/6" dia. and two 3/8" dia. mounting holes on 2-1/4" dia. bolt circle. Thread size: 1-1/2 x 16. P/N 11702 .......... $68.95 Ea.

**ACS AXLES - WELD-ON TYPE**

500 X 5 AXLE - For use on welded type gear. Fabricated from 1-1/4" O.D. x .120 wall 4130N steel tubing. Precision ground for proper bearing fit. One end threaded 1-1/4 x 12 for round axle nut. 12" long. P/N 11703-1............ $38.75 Ea.

600 X 6 AXLE - For use on welded type gear. Fabricated from 1-1/2" O.D. x .120 wall 4130N steel tubing. Precision ground for proper bearing fit. One end threaded 1-1/2 x 16 for round axle nut. 12" long. P/N 11704-1............. $37.95 Ea.

**AXLE NUTS**

Castle type nuts manufactured to MIL Specification MS21025 using 4140 steel. Mild steel nuts are not acceptable for use on certificated aircraft. 1-1/4" dia. nuts for 500 x 5 axles, 1-1/2" dia. nuts for 600 x 6 axles.

**HOMEBUILDERS AXLE NUTS**

These 1-1/4" - 16 Castle axle nuts are similar in size & design to pn 06-11800 and are for homebuilts only. Used on Cozy and many other designs P/N 01-00814 ............... $9.95 Ea.

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**GROVE AXLES**

For 500X5 Wheels w/Wheel Pant Stub - • Diameter: 1.25" • Material: Solid 2024-T3 aluminum w/anodized finish • Hole Pattern: 1-15/16" bolt circle; 1/4" dia. holes. Requires (2) P/N5710 spacers per axle. P/N 06-00601................. $71.75

For 600X6 Wheels w/Wheel Pant Stub - • Diameter: 1.5" • Material: Solid 2024-T3 aluminum w/anodized finish • Hole Pattern: 2.25" bolt circle; (2) 2-15/16" dia. bolt holes & (2) 2-3/8" dia. bolt holes. P/N 06-00602............. $96.85

**GROVE AXLE SPACER 5712**

I.D.: 1.25", O.D.: 1.438", Thickness: 0.360", Used with 5015 axle, 1 (one) required per axle. P/N 06-01504................. $7.50

**GROVE AXLE SPACER 5710**


**GROVE ALUMINUM WHEEL PANT AXLE NUTS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Axle</th>
<th>Thread</th>
<th>PN</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>5512</td>
<td>500x6</td>
<td>1-1/4x16</td>
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<tr>
<td>5513</td>
<td>600x6</td>
<td>1-1/4x16</td>
<td>06-01678</td>
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</tr>
</tbody>
</table>

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**CESNA MAIN GEAR AXLE**

For use on flat spring landing gear. Cessna models 190, 192, 185 and 206. It is highly recommended to replace aluminum axles with these much stronger steel axles when operating on rough conditions, with larger wheels or on skis. FAA-PMA approved.

Steel ........................................ P/N 05-00481 ............. $239.00

Titanium .................................... P/N 05-12478 ............ $2,158.00

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**AXLE WITH WOODRUFF KEY**

Axle 5/8" x 8" with Woodruff Key (Cotter Pin hole). P/N 06-01104 .......... $34.95

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**TAPER SHIMS**

For wheel alignment. Ideal setting is zero toe-in and zero camber at normal operating weight. Shims may be rotated to any one of four positions to obtain desired result.

<table>
<thead>
<tr>
<th>Shim</th>
<th>Part No.</th>
<th>Approx. correction value</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>0441127-1</td>
<td>0-0.05</td>
<td>$229.85</td>
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</tr>
<tr>
<td>0441127-2</td>
<td>0.05-0.10</td>
<td>$268.00</td>
<td></td>
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**COZY LANDING GEAR STUD**

A custom fabricated 4140 steel heat treated shaft with rolled 1/2-20 threads on both ends. Used a gear attachment on Cozy Mark IV, 10.75"L. 2 required. P/N 01-00254 ........... $46.50

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**GROVE HOMEBUILT AIRCRAFT LANDING GEAR**

These custom landing gear are fabricated from aircraft grade 2024T3 aluminum. After cutting and milling, they are annealed to “O” condition for bending, and then heat-treated to “T6” condition for exceptional strength and durability. Top quality landing gear at exceptional pricing.

<table>
<thead>
<tr>
<th>Aircraft Type</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>KITFOX Mod 3 &amp; 4</td>
<td>06-00405</td>
<td>$1,706.00</td>
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<tr>
<td>Standing No Cables</td>
<td>06-00400</td>
<td>$1,399.00</td>
</tr>
</tbody>
</table>

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**NOTE:** Request landing gear layout sheet when placing order or quotation. Request for custom landing gear to verify correct gear for application.

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**NOTE:** All Grove aircraft landing gear is NON-CANCELLABLE / NON-RETURNABLE.