

# SPINNERS – PROP GUARD – PROP EXTENSIONS

## PROP GUARD FOR 2 OR 3 BLADE PROPELLER



Anti-abrasion boot for your metal propeller. It is more economical to protect your propeller blades with PROP GUARD than to continually file, dress, paint and balance your blades until they have to be replaced. Water, sand, rock, and airborne abrasives are constantly eroding your propeller. As the name suggests, this product can eliminate this destructive process. Virtually all propeller blade failures start as leading edge nicks.

PROP GUARD is a 0.018" thick clear anti-abrasion boot that is bonded to the leading edge of the propeller.

PROP GUARD is made from a special high strength heat processed polymer engineered for centrifugal loads. It is NOT just a piece of tape! Easy to install (approximately 20 minutes installation time)

No performance loss

Fully tested

Repairable

STC FAA-PMA approved (minor alteration, no form 337 required)

Kit contains:

PROP GUARD boot for a two or three bladed propeller, adhesion accelerator, placard, lint-free cotton cloth, complete installation instructions and a copy of the STC.

| Description                 | Part No. | Price |
|-----------------------------|----------|-------|
| Prop Guard 2 Blade Kit      | 05-05330 | ---   |
| Prop Guard 3 Blade Kit      | 05-05335 | ---   |
| Prop Guard Repair Kit (12') | 05-11832 | ---   |
| Prop Guard Repair Kit (24') | 05-11833 | ---   |



## PROP GUARD SEAM ROLLER TOOL

This rubber coated roller makes working air bubbles out during installation easier than using the spatula included

with the PROP GUARD kit. The rubber conforms to the shape of the propeller, and the rolling action allows you to press harder to eliminate small air bubbles. It is recommended for customers who may be installing more than one PROP GUARD or those who just want to make the job faster and easier.....P/N 05-11984

## PROP PROTRACTOR

Perfect for precision setting of all ground-adjustable props, as well as precision alignment of control surfaces.

P/N 05-31970



05-28310

05-28410

## DRIVE LUGS FOR EXTENSIONS

| Part No. | Type       | O.D. | Thread  | Price Ea. |
|----------|------------|------|---------|-----------|
| 05-28300 | Unthreaded | 5/8" | ---     | ---       |
| 05-28400 | Unthreaded | 3/4" | ---     | ---       |
| 05-28310 | Threaded   | 5/8" | 3/8-24  | ---       |
| 05-04417 | Threaded   | 5/8" | 7/16-20 | ---       |
| 05-28410 | Threaded   | 3/4" | 1/2-20  | ---       |

## CRUSH PLATES FOR WOOD PROPS

| OD | Thickness | Bolt Circle    | Bolt Dia. | Part No. | Price |
|----|-----------|----------------|-----------|----------|-------|
| 6" | 3/8"      | SAE 1 (4.375") | 3/8"      | 05-02464 | ---   |
| 6" | 3/8"      | SAE 2 (4.75")  | 3/8"      | 05-02465 | ---   |
| 7" | 3/8"      | SAE 2          | 3/8"      | 05-02466 | ---   |
| 7" | 3/8"      | SAE 2          | 7/16"     | 05-02467 | ---   |
| 7" | 3/8"      | SAE 2          | 1/2"      | 05-02468 | ---   |
| 7" | 1/2"      | SAE 2          | 3/8"      | 05-02469 | ---   |
| 7" | 1/2"      | SAE 2          | 7/16"     | 05-02470 | ---   |
| 7" | 1/2"      | SAE            | 1/2"      | 05-02471 | ---   |



## PROP SPACERS

Solid Prop Spacers, 6 thru holes. The prop bolt goes thru the prop and spacer and threads into the engine.

| Bolt Diameter                   | Part No. | Price |
|---------------------------------|----------|-------|
| Prop Spacer 1.5"x5" Rotax       | 05-02472 | ---   |
| Prop Spacer 2"x5" Rotax         | 05-02473 | ---   |
| Prop Spacer 2.25"x5" Rotax      | 05-02474 | ---   |
| Prop Spacer 3"x5" Rotax (Spool) | 05-02475 | ---   |
| Prop Spacer 4"x5" Rotax (Spool) | 05-04418 | ---   |



## PROP EXTENSIONS

Precision machined prop shaft extensions are available from Aircraft Spruce & Specialty Co. Don't settle for lesser quality at advertised "savings". Prop extensions are machined from solid 2024 T-351 aluminum bar, and are supplied with clear anodized finish and stainless steel drive lugs (installed). 7" diameter prop side is recommended for 0-320 engines running wood props, and is required for 0-360 engines (or larger) running wood props. For Cont. 0-200, you may choose 5.5" diam on engine side. If prop is metal, please measure depth of drilled counterbore at all 6 bolt hole positions.

| Flange Engine     | SAE No.    | Bolt Circle | Lug Dia. | Eng. Bolt Dia. |
|-------------------|------------|-------------|----------|----------------|
| Cont. A-65, A-75, | SAE 1      | 4-3/8"      | 5/8"     | 3/8"           |
| C-85, C-90, 0-200 |            |             |          |                |
| Lycoming 0-235    | SAE 1 or 2 |             | 5/8"     | 3/8"           |
| Lycoming 0-290    | SAE 2      | 4-3/4"      | 5/8"     | 3/8"           |
| Lycoming 0-320    | SAE 2      | 4-3/4"      | 5/8"     | 3/8" or 7/16"  |
| Lycoming 0-360    | SAE 2      | 4-3/4"      | 3/4"     | 1/2"           |
| Lycoming 0-540    | SAE 2      | 4-3/4"      | 3/4"     | 1/2"           |

### PLEASE ORDER USING THE FOLLOWING PART NO.

| X      | E    | P                              | SAE                    | ENGINE                            | PROP   | PROP HUB                     | PROP BLADES                  |
|--------|------|--------------------------------|------------------------|-----------------------------------|--------|------------------------------|------------------------------|
| length | diam | engine prop bolt side (6 or 7) | prop bolt 3/8 (6 or 7) | thr or non threaded (7/16 or 1/2) | 1 or 2 | (wood or composite or metal) | (wood or composite or metal) |

Example: 4 X 7 - 7/16 E - 3/8P thr - S2 - Lyc 0320 - wood - wood

## 12 HOLE SOLID PROP EXTENSION WITH THREADED DRIVE LUGS

| Length x Dia. | Length x Dia. |
|---------------|---------------|
| 1.25"x6"      | 1.25"x7"      |
| 2.25"x6"      | 2.25"x7"      |
| 3"x6"         | 4"x7"         |
| 4"x6"         | 6"x7"         |
| 8"x6"         | 8"x7"         |
|               | 8"x8"         |

PRICES ON PROP EXTENSIONS CAN VARY PER APPLICATION PLEASE CALL AND REQUEST A QUOTE FOR YOUR APPLICATION.

## PROP HUB FRONT PLATES



10351

Required for wooden propellers. Flange equivalent to Cont. P/N 3991. For use with A-65, C-85 installations or Lyc. 0-235 with SAE1 (43/8") bolt pattern .....P/N 10351 Cont.

Flange equivalent to Lyc. P/N 45688, for use with Lyc. 0-235 thru 0-360 engines with SAE2 Bolt Pattern engines .....P/N 10352 Lyc.