

MOTOR FIN MOUNTS FOR ULTRASONIC INSPECTIONS

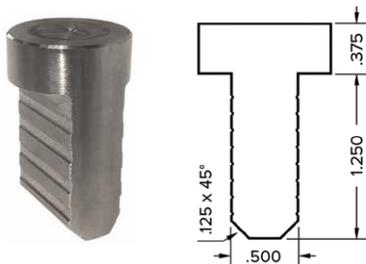


When a good spot to mount a Remote Access Sensor (RAS) or take a reading is not available on an electric motor, UE Systems' Motor Fin Mounts may be the perfect solution. Selecting the proper Motor Fin Mount is accomplished by measuring the depth and width of the cooling fins where you want to locate the remote ultrasound sensor.

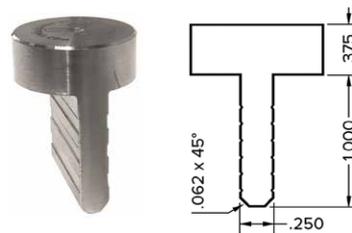


AVAILABLE MOUNTS

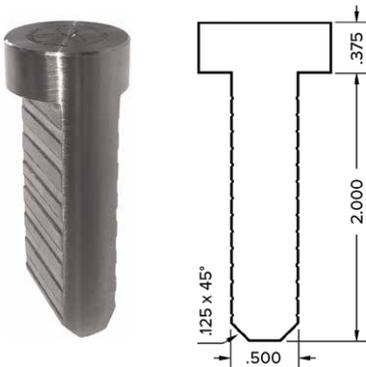
FIN-PAD-1/2-S



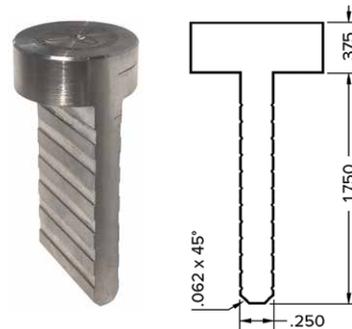
FIN-PAD-1/4-S



FIN-PAD-1/2-L

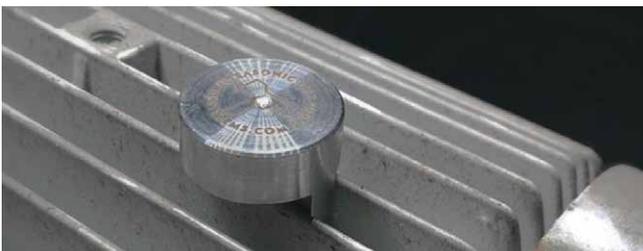


FIN-PAD-1/4-L

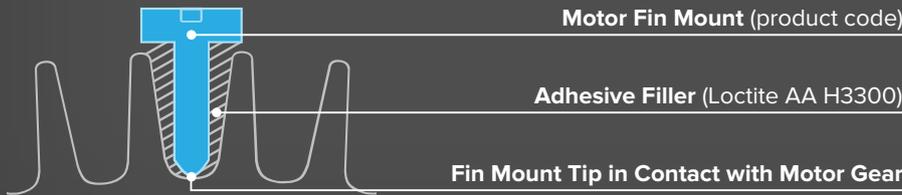


ADVANTAGES

- 1** Easily take ultrasound readings when accessibility on electric motors is difficult.
- 2** The fins allow you to take the best possible reading – closest to the bearing housing.
- 3** With the UE Systems Fin Mounts you can take consistent ultrasound readings.
- 4** We offer 4 different sizes and an epoxy kit that will ensure sturdy installation of the mounts.



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The Motor Fin Mount needs to be long enough to directly contact the motor case between the fins



Loctite AA H3300 adhesive is then used to hold the Motor Fin Mount in place



The thickness of the Motor Fin Mount should allow contact at the bottom and minimize the amount of adhesive needed

SPECIFICATIONS

Material

Alloy 17-4PH (UNS S17400), Type 630, is a chromium-nickel-copper precipitation-hardening martensitic stainless steel with an addition of niobium. 17-4PH combines high strength and hardness with good corrosion resistance. Type 630 is magnetic in both the solution annealed and precipitation hardened condition. Type 630 is used for parts requiring corrosion resistance and high strength at room temperature or at temperatures up to 600°F.

Height

See on the front side (4 types)

Width (contact point)

See on the front side (4 types)

Diameter (mounting surface)

1 in

Recommended Mounting Adhesive

Loctite AA H3300 (Sold Separately)

RECOMMENDED ADHESIVE

LOCTITE AA H3300

Loctite® Speedbonder® H3300 is a highly thixotropic, two component, room temperature curing, 1:1 mix ratio, methacrylate adhesive system.

H3300 is formulated to provide fixturing strength within 6 - 12 minutes.

This adhesive forms resilient bonds and maintains its strength over a wide range of temperatures.

H3300 is suitable for bonding a variety of substrates with a minimum of surface preparation.

PURCHASING OPTIONS

THERE ARE **TWO DIFFERENT OPTIONS** TO PURCHASE THE UE SYSTEMS' MOTOR FIN MOUNTS:

- 1.** Buying individual units
- 2.** A complete kit: comes with 40 units (10 of each size) and includes epoxy dispenser and 4 epoxy tubes.

Epoxy and epoxy dispenser can also be purchased separately.