



FIN-LOC Vibration Sensor Easy Fin Mount



Fast, Easy, and Secure Sensor Mounting System



Coldwater, MI 49036 · Phone: 517-278-8057

FIN-LOC Sensor Multi Mount PAT PEND

The FIN-LOC Multi Mount is a versatile solution for quickly and safely mounting vibration sensors or any sensor to motors and machines with cooling fins or other attachment points. Here's a breakdown of its key features and advantages:

1. **Pat. Pend. Design:** The unique "Screw Loc" design stays securely anchored and your sensors will too!
2. **Robust construction:** Immune to high heat and freezing temperatures.
3. **GREEN! No glue or epoxy needed:** This mount eliminates the need for toxic and messy adhesives like glue or epoxy, making installation safer and removal easier.
4. **GREEN! Environmentally friendly (green because it is 100% reusable):** The reusable nature of the mount reduces waste and contributes to sustainability efforts.
5. **Save money and time with quick installation (as fast as 5 minutes):** The mount is designed for rapid setup, reducing time and labor costs associated with installation.
6. **No drilling of holes or tapping of threads:** Traditional methods of mounting sensors often require drilling or threading holes in the machinery, which can be time-consuming and potentially damaging. This mount avoids such modifications.
7. **Guaranteed metal to metal contact:** Ensures a secure and reliable connection between the mount and the machine, improving the accuracy of vibration and temperature measurements.
8. **Maximum vibration frequency transmission:** This feature is crucial for accurate vibration analysis, as it allows sensors to capture a wide range of vibration frequencies.
9. **Quick installation (as fast as 5 minutes):** The mount is designed for rapid setup, reducing downtime and labor costs associated with installation.
10. **Multiple axis options:** Provides flexibility to mount sensors in various orientations, accommodating the specific needs of your application.
11. **Unlimited mounting locations:** You can attach the mount to multiple points on the machine, allowing for comprehensive vibration monitoring.
12. **Easy set screw installation:** Angled screw design for attaching the mount to the machine, simplifying the installation process.



Coldwater, MI 49036 · Phone: 517-278-8057

13. **Secure attachment (will not fall off):** Ensures that the mount remains firmly in place during operation, preventing damage or data loss due to sensor detachment.
14. **Multiple sizes – standard & metric:** Compatibility with different sensor sizes and machine specifications.
15. **Easily removable:** Designed for straightforward removal when needed, without leaving residue or damage.
16. **Magnetic Ferritic Stainless:** The material used in the mount offers magnetic properties and corrosion resistance, making it suitable for various industrial environments.
17. **Can be used as a route-based magnetic pad:** It can serve as a portable sensor mounting point for route-based monitoring of vibration.
18. **Can be used for permanent wireless sensor mounting:** Enables long-term, wireless vibration sensor installations, reducing the need for manual data retrieval.
19. **Works with any accelerometer or other sensors:** Versatile compatibility with a wide range of sensors for vibration, condition monitoring and analysis.
20. **Custom sizes and configurations available:** Provides the option for tailored solutions to meet specific requirements or unique machinery setups.



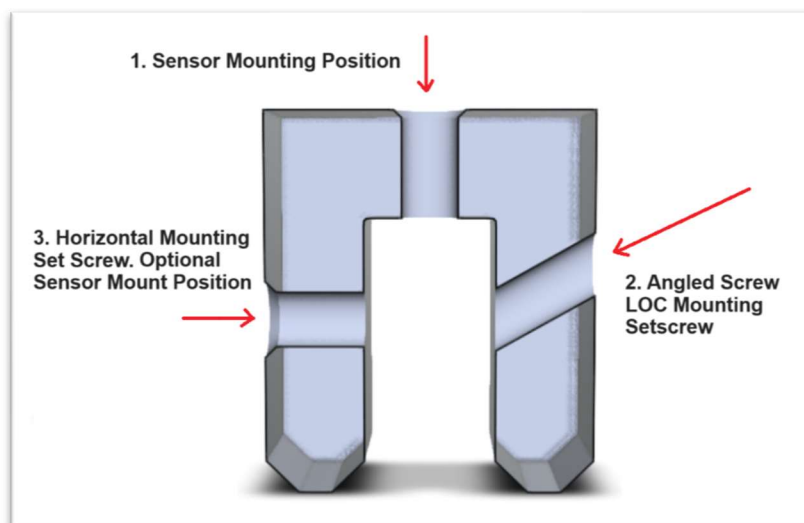
Coldwater, MI 49036 · Phone: 517-278-8057

Use and Installation

The mount may be used in any configuration necessary to securely affix it to a motor cooling fin or other location. There are 3 setscrew holes, the 2 on the posts are for the Dual Screw Loc application, the other one on the mounting table is for the mounting of the sensor. However, you may install the mount any way that suits your needs. See illustrations for ideas.

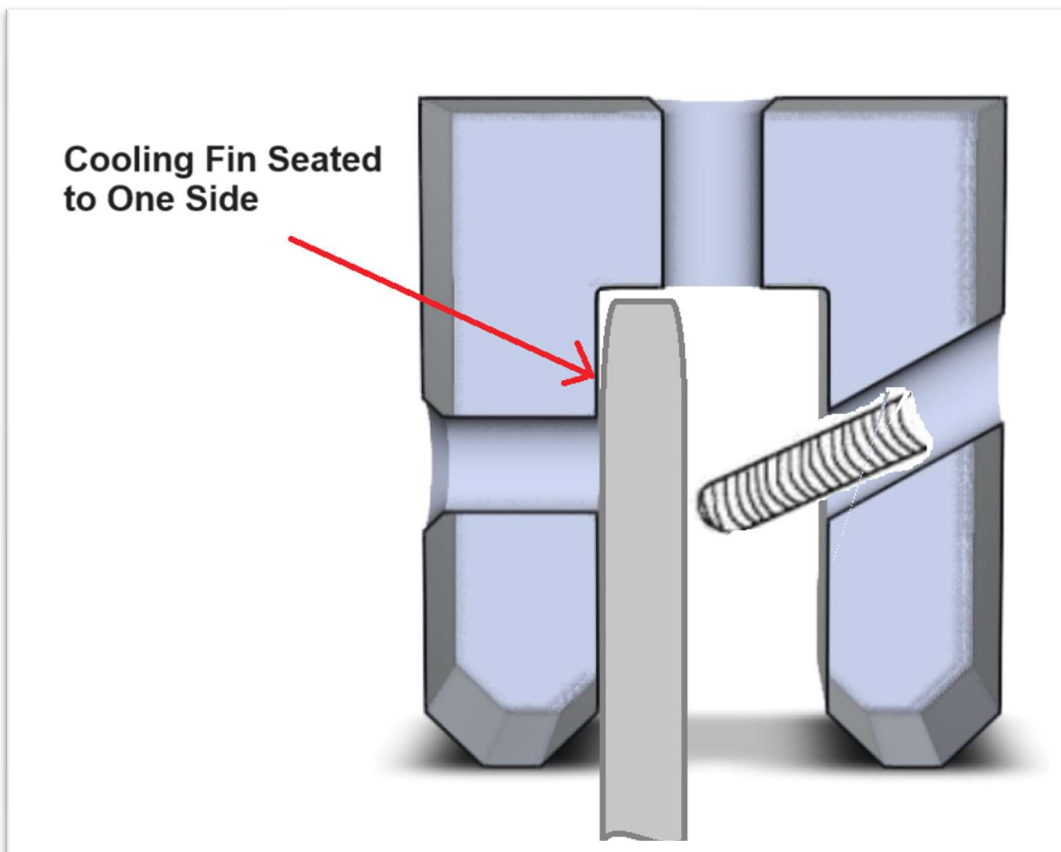
USE and DESCRIPTION FIN-LOC MOUNT

1. Sensor Mounting Position:
 - a. The sensor is typically mounted in this location.
2. Angled Screw LOC Set Screw:
 - a. This set screw is tightened to lock the mount to the fin.
3. Optional Mounting Screw and Sensor Mount Position.
 - a. This is provided for versatility, allowing the sensor mount to be placed in a variety of positions.



4. Mounting Procedure:

- a. Apply a small amount of Blue Thread Loc to screw threads.
- b. Screw the set screw into the angled hole.
- c. Position the FSM onto the cooling fin.
- d. Loosely tighten the setscrew with the provided 1/8" ball end allen wrench.
- e. Push the FSM firmly onto the cooling fin while tightening the angled set screw.
 - i. Torque for ¼-28, 60-to-70-inch lbs.
- f. Prior to mounting a small amount of adhesive may also be applied to the fin.





Coldwater, MI 49036 · Phone: 517-278-8057

The FIN-LOC Multi Mount comes in 9 standard sizes, making it a practical and versatile solution for mounting vibration or other sensors in industrial settings, offering many benefits in terms of ease of use, compatibility, and reliability. Offering numerous benefits for mounting vibration sensors in industrial environments, making it a versatile and user-friendly solution. The combination of secure attachment, resistance to extreme temperatures, and adaptability to various sensors and machine types makes it a valuable tool for vibration analysis and condition monitoring in any application.

FIN-LOC Sensor Mount Patent Pend.

Each mount Includes:

QTY: 1 FSM FIN-LOC Mount.

QTY: 2- ¼ X28 x ½" Stainless Set Screws.

QTY: 1- 1/8 Ball End Allen Wrench

Accessories

FSM-SK-1/4-28 Screw Kit.

Part#	Name	Slot Width	Slot Depth	Slot Width	SM Depth	Foot Width	Base Thread
FLM-375-015-S	3/8" FIN-LOC Multi Sensor Mount	3/8"	1.08"	1.25"	1.25"	0.450	1/4"-28
FLM-500-150-S	1/2" FIN-LOC Multi Sensor Mount	1/2"	1.08"	1.25"	1.25"	0.450	1/4"-28
FLM-750-150-S	3/4" FIN-LOC Multi Sensor Mount	3/4"	1.08"	1.25"	1.25"	0.375	1/4"-28
FLM-010-38-M3	10mm FIN-LOC Multi Sensor Mount	10mm	27.43mm	31.75mm	31.75mm	11.43mm	M6x1
FLM-013-38-M6	13mm FIN-LOC Multi Sensor Mount	13mm	27.43mm	31.75mm	31.75mm	11.43mm	M6x1
FLM-019-38-M6	19mm FIN-LOC Multi Sensor Mount	19mm	27.43mm	38.10mm	31.75mm	9.525mm	M6x1
FLM-010-38-M8	10mm FIN-LOC Multi Sensor Mount	10mm	27.43mm	31.75mm	31.75mm	11.43mm	M8x1
FLM-013-38-M8	13mm FIN-LOC Multi Sensor Mount	13mm	27.43mm	31.75mm	31.75mm	11.43mm	M8x1
FLM-019-38-M8	19mm FIN-LOC Multi Sensor Mount	19mm	27.43mm	38.10mm	31.75mm	9.525mm	M8x1



Coldwater, MI 49036 · Phone: 517-278-8057

PHOTOS



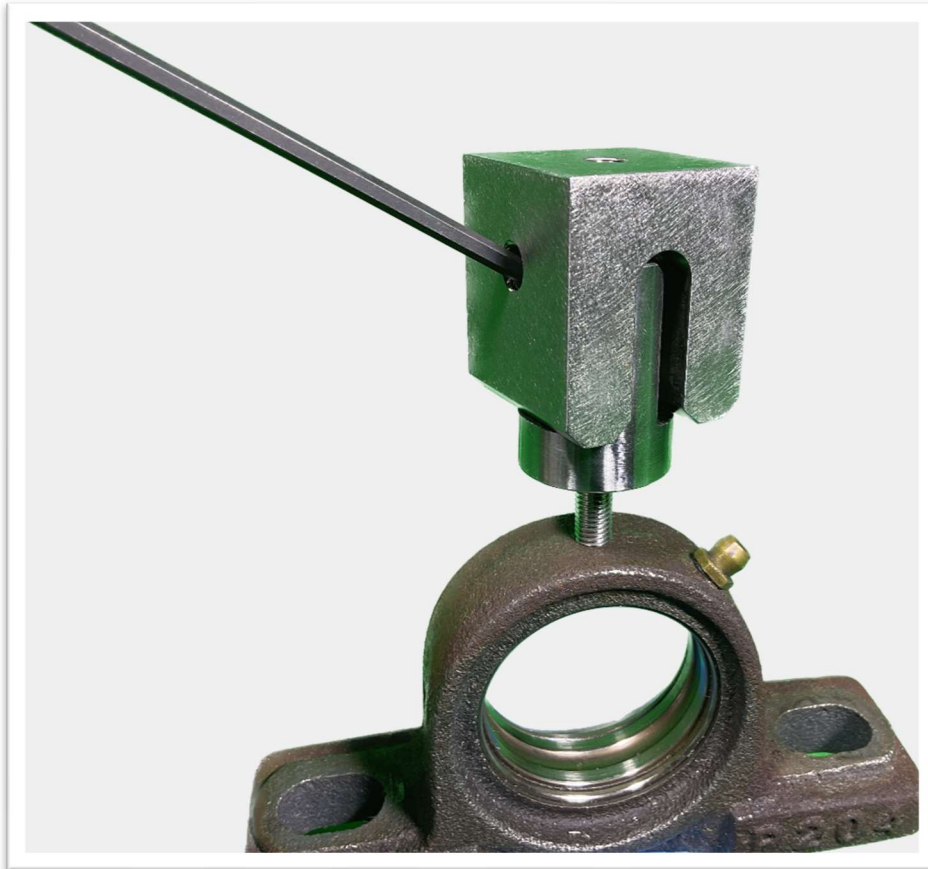


Coldwater, MI 49036 · Phone: 517-278-8057



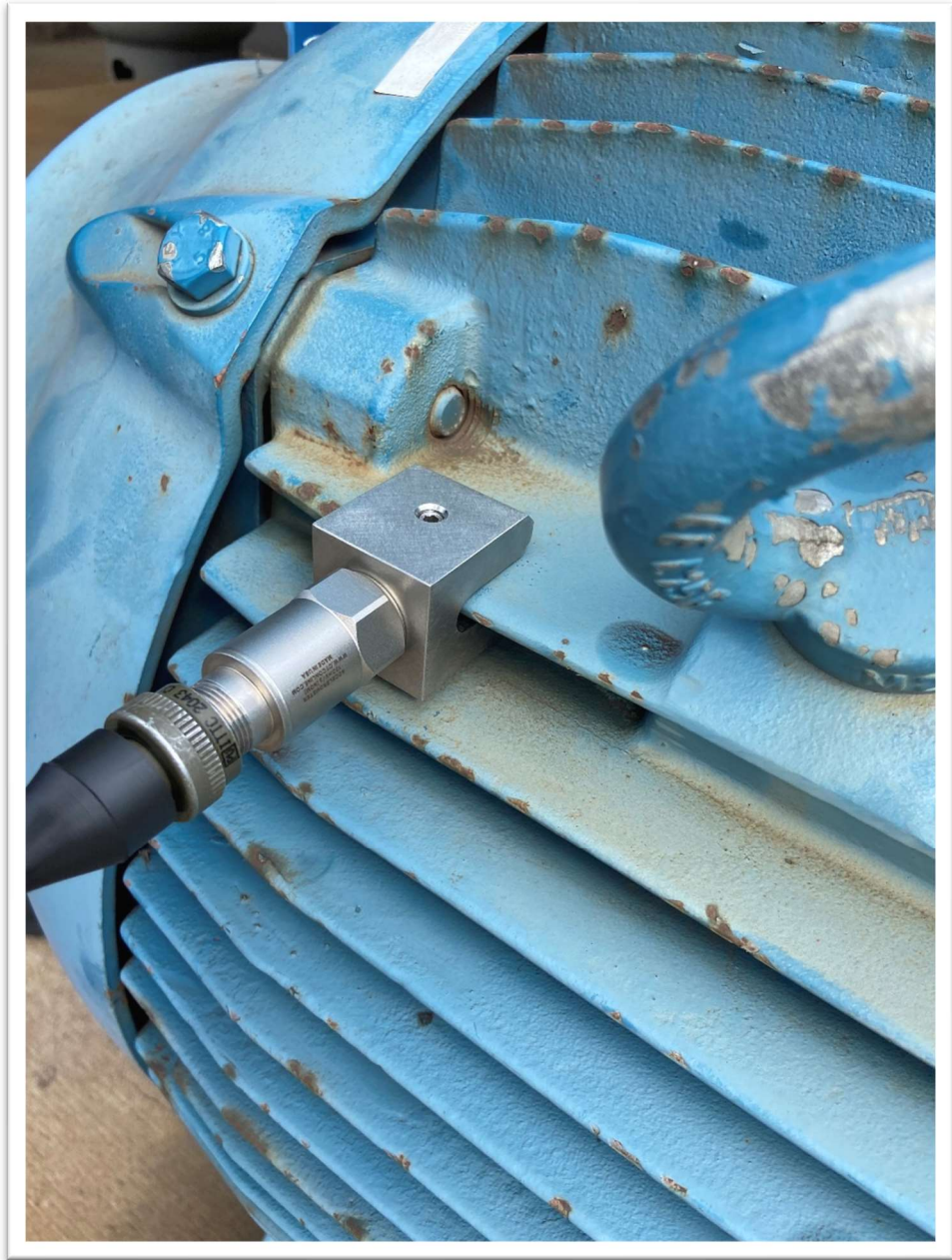


Coldwater, MI 49036 · Phone: 517-278-8057





Coldwater, MI 49036 · Phone: 517-278-8057





Coldwater, MI 49036 · Phone: 517-278-8057

