









# ACCELEROMETER MOUNTING HARDWARE COMPARISON CHART

|  | Mounting Studs  | Adhesive Mounting Pads   | Mounting Magnets  | Quick Disconnects  | Motor Fin Mounts   | Specialty Mounts  |
|--|---|--|---|--|--|---|
|  |                        |    |              |   |   |  |
| Portable   | --  | ✓  | ✓   | ✓  | ✓  | ✓   |
| Permanent  | ✓   | ✓  | --  | --   | ✓  | --  |
| Epoxy Use  | --  | ✓  | --  | ✓  | ✓  | --  |
| <b>Maximum Frequency Response</b><br><i>(all numbers are approximate - maximum frequency response will vary based on accelerometer and mounting hardware model used)</i> | Maximum response of sensor  | 10,000 to 15,000 Hz<br><br>(600,000 to 900,000 CPM)  | Flat Surface:<br>10,000 Hz<br>(600,000 CPM)<br><br>Curved Surface:<br>2,000 Hz<br>(120,000 CPM) | 6,500 Hz<br>(390,000 CPM)  | Varies - Best for 2 kHz to 5 kHz<br>(120,000 to 300,000 CPM)   | 500 Hz<br>(30,000 CPM)  |
| <b>Installation and Use</b>  | Requires tapped hole for mounting (use MH117 Series installation kit)<br><br>Highest frequency response | Mounting pads used for permanent applications, magnetic mounting target used for portable route collection<br><br>Fast and easy to install with MH109-2A epoxy | No epoxy or drilling required<br><br>Two-rail magnet allows for mounting on curved surface      | Permanent mounting with receptacle to allow portable measurement<br><br>Repeatable data collection<br><br>Designed for triaxial sensor use | Permanent mounting between motor fins<br><br>Ferrous and attracts portable mounting hardware<br><br>Tapped hole for permanent installation | Portable measurements only<br><br>No installation                                   |