

FITTING INSTRUCTIONS FOR ACCELEROMETER AND STUDS WITH 1/4"-28 UNF MALE MOUNTING

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 5.5mm diameter in the centre of the flat area, to a depth of 10mm.
4. Using a 1/4"-28 UNF tap, thread the hole ensuring that there is at least 7mm of full thread.
5. De-burr the 1/4"-28 UNF hole and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the 1/4"-28 UNF thread on the accelerometer and smear grease on the mating surface to ensure good coupling to the accelerometer.
7. Screw the accelerometer into the threaded hole and tighten to 8Nm torque.
8. Loop the cable and cleat to the accelerometer body, then cleat the cable to a surface to minimise movement.

FITTING INSTRUCTIONS FOR 1/4"-28UNF CONICAL MALE MOUNTING STUDS

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 5.5mm diameter in the centre of the flat area, to a depth of 15mm.
4. Using a 1/4"-28 UNF tap, thread the hole ensuring that there is at least 13mm of full thread.
5. Using a 90° countersink, countersink the 1/4"-28UNF hole to a depth of 3mm and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the 1/4"-28 UNF thread on the accelerometer and smear grease on the mating surface to ensure good coupling to the accelerometer.
7. Screw the accelerometer into the threaded hole and tighten to 8Nm torque.
8. Loop the cable and cleat to the accelerometer body, then cleat the cable to a surface to minimise movement.

FITTING INSTRUCTIONS FOR ACCELEROMETER AND STUDS WITH 3/8-24UNF MALE MOUNTING

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 8.5mm diameter in the centre of the flat area, to a depth of 12mm.
4. Using a 3/8-24UNF tap, thread the hole ensuring that there is at least 10mm of full thread.
5. De-burr the 3/8-24UNF hole and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the 3/8-24UNF thread on the accelerometer and smear grease on the mating surface to ensure good coupling to the accelerometer.
7. Screw the accelerometer into the threaded hole and tighten to 8Nm torque.
8. Loop the cable and cleat to the accelerometer body, then cleat the cable to a surface to minimise movement.

FITTING INSTRUCTIONS FOR ACCELEROMETER AND STUDS WITH 3/8BSP MALE MOUNTING

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the stud and accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 15.5mm diameter in the centre of the flat area, to a depth of 15mm.
4. Using a 3/8BSP tap, thread the hole ensuring that there is at least 13mm of full thread.
5. De-burr the 3/8BSP hole and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the 3/8BSP thread on the accelerometer and smear grease on the mating surface to ensure good coupling to the accelerometer.
7. Screw the accelerometer into the threaded hole and tighten to 8Nm torque.
8. Loop the cable and cleat to the accelerometer body, then cleat the cable to a surface to minimise movement.

FITTING INSTRUCTIONS FOR ACCELEROMETER AND STUDS WITH 10-32UNF MALE MOUNTING

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 4.0mm diameter in the centre of the flat area, to a depth of 10mm
4. Using a 10-32UNF tap, thread the hole ensuring that there is at least 7mm of full thread.
5. De-burr the 10-32UNF hole and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the 10-32UNF thread on the accelerometer and smear grease on the mating surface to ensure good coupling to the accelerometer.
7. Screw the accelerometer into the threaded hole and tighten to 8Nm torque.
8. Loop the cable and cleat to the accelerometer body, then cleat the cable to a surface to minimise movement.

FITTING INSTRUCTIONS FOR GLUE STUDS

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the stud and accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Thoroughly clean the surface and the base of the glue stud with solvent.
4. Dispense required amount of Loctite Metal Adhesive Set onto a suitable tray. Mix thoroughly to an even colour. This should take no more than 1 – 2 minutes. Apply adhesive to the base of the stud and fit to the prepared surface. The adhesive will begin to set after a few minutes, but allow 1 hour for a full strength bond.
5. Before fitting the accelerometer to the stud, smear grease onto the mating surfaces to ensure good coupling to the accelerometer.
6. Fit the accelerometer to the stud and lightly tighten
7. Loop the cable and cleat to the accelerometer body, then cleat the cable to a surface to minimise movement.

FITTING INSTRUCTIONS FOR THE HS-130 SERIES QUICK RELEASE WITH M6 MALE STUD

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the stud and accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the mounting stud.
3. Drill a hole 5mm diameter in the centre of the flat area, to a depth of 10mm.
4. Using a M6 tap, thread the hole ensuring that there is at least 7mm of full thread.
5. De-burr the M6 hole and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the M6 thread on the stud and smear grease on the mating surfaces.
7. Fit the stud into the threaded hole and tighten to 10Nm torque.
8. Before fitting the accelerometer to the stud, smear grease onto the mating surfaces to ensure good coupling to the accelerometer.
9. Fit the accelerometer, applying loctite, and tighten to 8NM torque.
10. Loop the cable and cleat to the accelerometer body, then clean the cable to a surface to minimize movement.

FITTING INSTRUCTIONS FOR THE HS-AS002 QUICK FIT TO M8 MALE STUD

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the stud and accelerometer by following the instructions below:-

FÈ Select a mounting position, in any plane, as close as possible to the vibration source.

GÈ Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.

HÈ Drill a hole 1 È mm diameter in the centre of the flat area, to a depth of 10mm.

I È Using a T Ì tap, thread the hole ensuring that there is at least 7mm of full thread.

Ì È De-burr the T Ì hole and thoroughly clean the surface and the base of the stud with solvent.

Î È Apply Loctite Screwlock to the T Ì thread on the stud and smear grease on the mating surface.

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FITTING INSTRUCTIONS FOR THE HS-AS003 QUICK-FIT TO M6 MALE STUD

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the stud and accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 5.0mm diameter in the centre of the flat area, to a depth of 10mm.
4. Using a M6 tap, thread the hole ensuring that there is at least 7mm of full thread.
5. De-burr the M6 hole and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the M6 thread on the stud and smear grease on the mating surface.
7. Fit the stud into the threaded hole and tighten to 8Nm torque.
8. Before fitting the accelerometer to the stud, smear grease onto the mating surfaces to ensure good coupling to the accelerometer.
9. Fit the accelerometer to the stud and tighten to 8Nm torque.
10. Loop the cable and cleat to the accelerometer body, then cleat the cable to a surface to minimise movement.

FITTING INSTRUCTIONS FOR ISOLATION STUDS

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the stud and accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the isolation stud.
3. Drill a hole in the centre of the flat area, to a depth of 12mm to suit the mounting thread.
4. Using a tap, thread the hole ensuring that there is at least 7mm of full thread.
5. De-burr the hole and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the thread on the metal part of the isolation stud and smear grease on the mating surface to ensure good coupling to the accelerometer.
7. Screw the isolation stud into the threaded hole and tighten to 8Nm torque.
8. Screw the accelerometer into the isolation stud (plastic part). The torque setting is 4Nm. This equates to a nip then a 1/8 of a turn with an 8" Inch long spanner. This will be sufficient, as any tighter will strip the threads.

FITTING INSTRUCTIONS FOR ACCELEROMETER AND STUDS WITH M5 MALE MOUNTING

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the stud and accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 4.2mm diameter in the centre of the flat area, to a depth of 10mm.
4. Using a M5 tap, thread the hole ensuring that there is at least 7mm of full thread.
5. De-burr the M5 hole and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the M5 thread on the stud and smear grease on the mating surface.
7. Fit the stud into the threaded hole and tighten to 8Nm torque.
8. Before fitting the accelerometer to the stud, smear grease onto the mating surfaces to ensure good coupling to the accelerometer.
9. Fit the accelerometer to the stud and tighten to 8Nm torque.
10. Loop the cable and cleat to the accelerometer body, then cleat the cable to a surface to minimise movement..

FITTING INSTRUCTIONS FOR ACCELEROMETER AND STUDS WITH M6 MALE MOUNTING

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 5.0mm diameter in the centre of the flat area, to a depth of 10mm.
4. Using a M6 tap, thread the hole ensuring that there is at least 7mm of full thread.
5. De-burr the M6 hole and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the M6 thread on the accelerometer and smear grease on the mating surface to ensure good coupling to the accelerometer.
7. Screw the accelerometer into the threaded hole and tighten to 8Nm torque.
8. Loop the cable and cleat to the accelerometer body, then cleat the cable to a surface to minimise movement.

FITTING INSTRUCTIONS FOR ACCELEROMETER AND STUDS WITH M8 MALE MOUNTING

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the stud and accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 6.8mm diameter in the centre of the flat area, to a depth of 10mm.
4. Using a M8 tap, thread the hole ensuring that there is at least 7mm of full thread.
5. De-burr the M8 hole and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the M8 thread on the accelerometer and smear grease on the mating surface to ensure good coupling to the accelerometer.
7. Screw the accelerometer into the threaded hole and tighten to 8Nm torque.
8. Loop the cable and cleat to the accelerometer body, then cleat the cable to a surface to minimise movement.

FITTING INSTRUCTIONS FOR ACCELEROMETER AND STUDS WITH M8 x 8mm MALE MOUNTING

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the stud and accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 6.8mm diameter in the centre of the flat area, to a depth of 13mm.
4. Using a M8 tap, thread the hole ensuring that there is at least 10mm of full thread.
5. De-burr the M8 hole and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the M8 thread on the accelerometer and smear grease on the mating surface to ensure good coupling to the accelerometer.
7. Screw the accelerometer into the threaded hole and tighten to 8Nm torque.
8. Loop the cable and cleat to the accelerometer body, then cleat the cable to a surface to minimise movement.

FITTING INSTRUCTIONS FOR ACCELEROMETER AND STUDS WITH M10 MALE MOUNTING

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 8.5mm diameter in the centre of the flat area, to a depth of 10mm.
4. Using a M10 tap, thread the hole ensuring that there is at least 7mm of full thread.
5. De-burr the M10 hole and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the M10 thread on the accelerometer and smear grease on the mating surface to ensure good coupling to the accelerometer.
7. Screw the accelerometer into the threaded hole and tighten to 10Nm torque.
8. Loop the cable and cleat to the accelerometer body, then cleat the cable to a surface to minimise movement.

FITTING INSTRUCTIONS FOR ACCELEROMETER AND STUDS WITH M12 MALE MOUNTING

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 10.2mm diameter in the centre of the flat area, to a depth of 10mm.
4. Using a M12 tap, thread the hole ensuring that there is at least 7mm of full thread.
5. De-burr the M12 hole and thoroughly clean the surface and the base of the stud with solvent.
6. Apply Loctite Screwlock to the M12 thread on the accelerometer and smear grease on the mating surface to ensure good coupling to the accelerometer.
7. Screw the accelerometer into the threaded hole and tighten to 10Nm torque.
8. Loop the cable and cleat to the accelerometer body, then cleat the cable to a surface to minimise movement.

FITTING INSTRUCTIONS FOR SIDE ENTRY ¼-28 UNF MALE MOUNTING ACCELEROMETER

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 5.5mm diameter in the centre of the flat area, to a depth of 10mm.
4. Using a ¼-28 UNF tap, thread the hole ensuring that there is at least 7mm of full thread.
5. De-burr the ¼-28 UNF hole and thoroughly clean the surface and the base of the accelerometer with solvent.
6. Fit the accelerometer with the ¼-28 UNF bolt provided and tighten to 8 Nm torque.
7. Cleat the cable to a surface to minimise movement.

FITTING INSTRUCTIONS FOR SIDE ENTRY M6 MALE MOUNTING ACCELEROMETER

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 5.0mm diameter in the centre of the flat area, to a depth of 10mm.
4. Using a M6 tap, thread the hole ensuring that there is at least 7mm of full thread.
5. De-burr the M6 hole and thoroughly clean the surface and the base of the accelerometer with solvent.
6. Fit the accelerometer with the M6 bolt provided and tighten to 8 Nm torque.
7. Cleat the cable to a surface to minimise movement.

FITTING INSTRUCTIONS FOR SIDE ENTRY M8 MALE MOUNTING ACCELEROMETER

To ensure that the accelerometer gives optimum performance it is important that care is taken when mounting the accelerometer by following the instructions below:-

1. Select a mounting position, in any plane, as close as possible to the vibration source.
2. Prepare a flat, smooth, unpainted surface larger than the base of the accelerometer.
3. Drill a hole 6.8mm diameter in the centre of the flat area, to a depth of 10mm.
4. Using a M8 tap, thread the hole ensuring that there is at least 6mm of full thread.
5. De-burr the M8 hole and thoroughly clean the surface and the base of the accelerometer with solvent.
6. Fit the accelerometer with the M8 bolt provided and tighten to 8 Nm torque.
7. Cleat the cable to a surface to minimise movement.