

C

Extension posts for industrial accelerometers

1

VIB 8.586 : Extension post for industrial accelerometer, M8 x 55 mm

VIB 8.587 : Extension post for industrial accelerometer, M8 x 95 mm

VIB 8.588 : Extension post for industrial accelerometer, M8 x 170 mm

2

VIB 8.589 : Extension post for industrial accelerometer, M8 x 35 mm

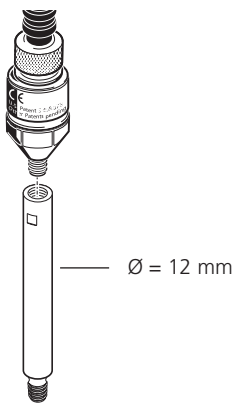
VIB 8.590 : Extension post for industrial accelerometer, UNC 5/16 x 2 1/8"

VIB 8.591 : Extension post for industrial accelerometer, UNC 3/8 x 3 3/4"

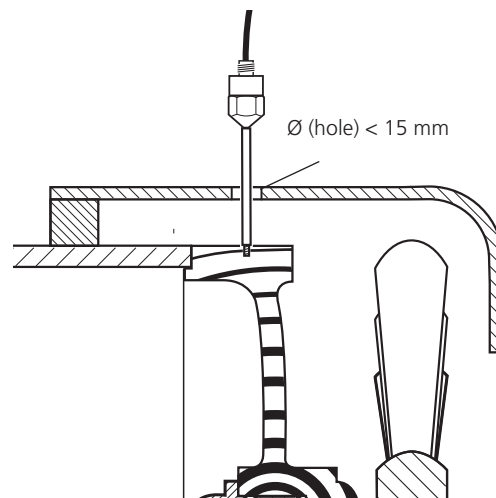
3

VIB 8.592 : Extension post for industrial accelerometer, UNC 1/2 x 6 5/8"

VIB 6.122R



VIB 8.589



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Application

As its name implies, the extension post provides an extra-long shaft to allow measurement in locations where the stem of the industrial accelerometer does not fit directly at the measurement surface. This stud is available in various lengths with an M8 or UNC thread at its bottom.

Note

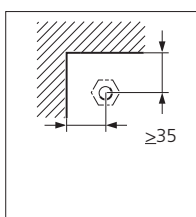
The longest extension posts (170 mm and 6 5/8") should be used only for bearing condition readings and not for general vibration measurements.

Installation accessories

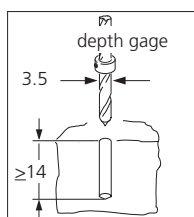
- VIB 8.693 M8 screw tap
- VIB 8.696 UNC 5/16 screw tap
- VIB 8.694 90° countersink bit

Mounting instructions

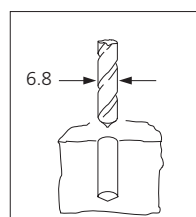
dimensions in mm



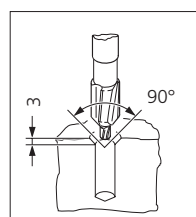
Select position



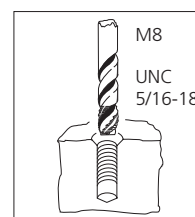
Bore pilot hole



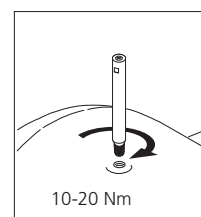
Bore out hole



90° countersink



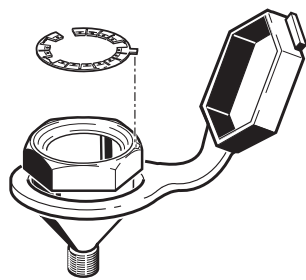
Tap thread



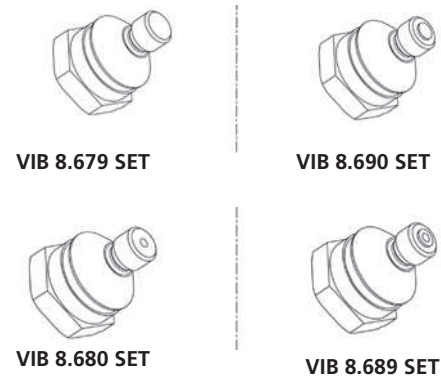
Mount post

VIBCODE measurement studs

VIB 8.679 SET : VIBCODE measurement stud, M8, stainless steel (VA1.4305), 1 pc.
VIB 8.680 SET : VIBCODE measurement stud, M8, high quality stainless steel (VA1.4571), 1 pc.
VIB 8.680 A25 : VIBCODE measurement studs, M8, high quality stainless steel (VA1.4571), 25 pcs.
VIB 8.689 SET : VIBCODE measurement stud, UNC 5/16, high quality stainless steel (VA1.4571), 1 pc.
VIB 8.689 A25 : VIBCODE measurement studs, UNC 5/16, high quality stainless steel (VA1.4571), 25 pcs.
VIB 8.690 SET : VIBCODE measurement stud, UNC 5/16, stainless steel (VA1.4305), 1 pc.
VIB 8.690 A25 : VIBCODE measurement studs, UNC 5/16, stainless steel (VA1.4305), 25 pcs.



Distinctive feature



Description

These VIBCODE measurement studs include a stainless steel bolt, a protective cap and a plastic code ring with 17 knockout tabs. These tabs are broken off using a ring encoding tool according to the unique pattern generated by OMNITREND for each measurement location.

The resulting pattern is read by the VIBCODE probe to identify the measurement location (and from it, its required measurement tasks) reliably and automatically.

Studs made out of high quality stainless steel (composite VA 1.4571) are particularly suited for applications in exceptionally harsh chemical environments.

Installation accessories

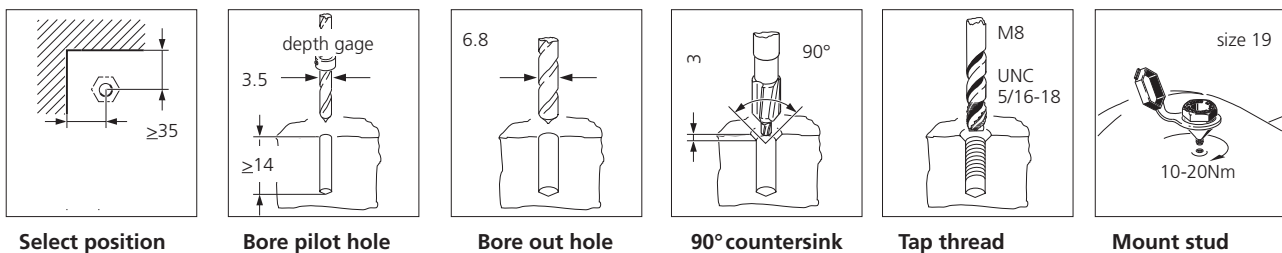
VIB 8.693	M8 screw tap
VIB 8.696	UNC 5/16 screw tap
VIB 8.694	90° countersink bit

Accessories

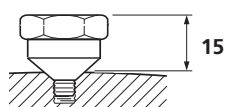
VIB 8.563 A25	VIBCODE code rings, 25 pcs.
VIB 8.692	VIBCODE encoding tool
VIB 8.566	Protective cap
VIB 8.568/..	Color coding for protective cap, 25 pcs.

Mounting instructions

dimensions in mm



Height



C

VIBCODE measurement studs with extension post

1

VIB 8.576 : VIBCODE measurement stud with extension post, M8 x 55 mm

VIB 8.577 : VIBCODE measurement stud with extension post, M8 x 95 mm

VIB 8.578 : VIBCODE measurement stud with extension post, M8 x 170 mm

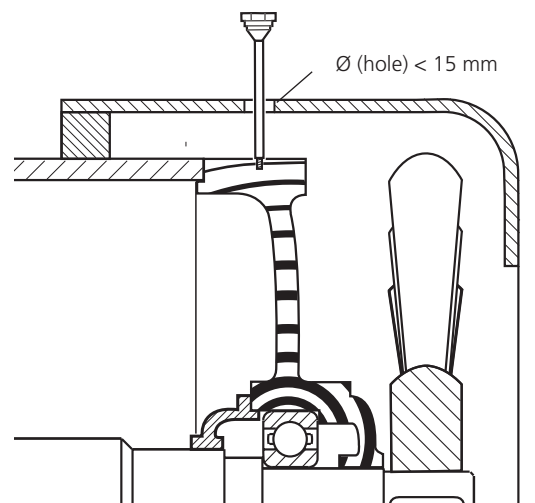
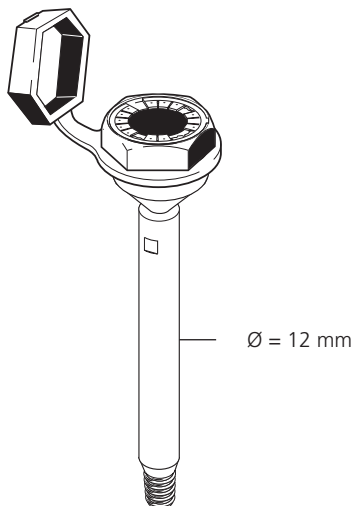
2

VIB 8.580 : VIBCODE measurement stud with extension post, UNC 5/16 x 2 1/8"

VIB 8.581 : VIBCODE measurement stud with extension post, UNC 3/8 x 3 3/4"

VIB 8.582 : VIBCODE measurement stud with extension post, UNC 3/8 x 6 5/8"

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Application

As its name implies, these studs feature an extra-long shaft to allow measurement in locations where the VIB-CODE transducer does not fit directly at the measurement surface. The studs are available in various lengths with an M8 or UNC 5/16 thread at its bottom.

Note

The longest extension (170 mm and 6 5/8") may be used only for taking shock pulse readings and not for vibration measurement!

Installation accessories

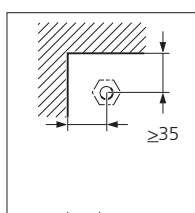
- VIB 8.693 M8 screw tap
- VIB 8.696 UNC 5/16 screw tap
- VIB 8.694 90° countersink bit

Accessories

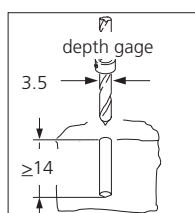
- VIB 8.563 A25 VIBCODE code rings, 25 pcs.
- VIB 8.692 VIBCODE encoding tool
- VIB 8.566 Protective cap
- VIB 8.568/.. Color coding for protective cap, 25 pcs.

Mounting instructions

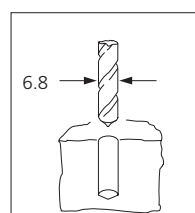
dimensions in mm



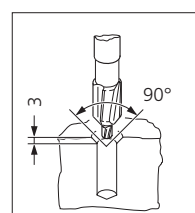
Select position



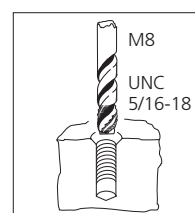
Bore pilot hole



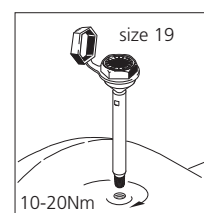
Bore out hole



90° countersink



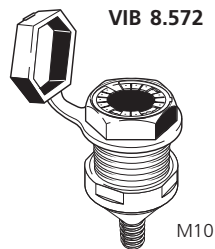
Tap thread



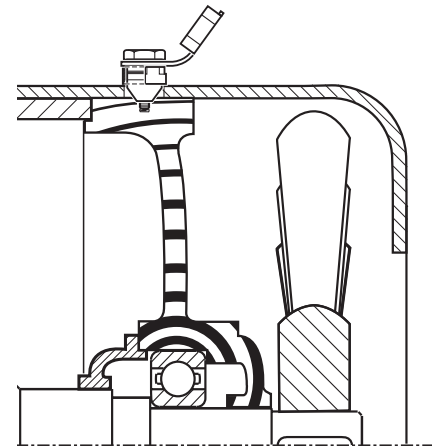
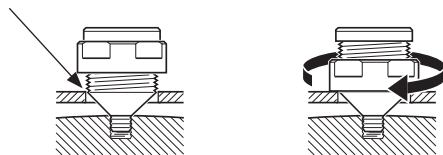
Mount post

VIBCODE measurement studs with locking nut

VIB 8.571 :	VIBCODE measurement stud with locking nut, M8
VIB 8.572 :	VIBCODE measurement stud with locking nut, M10
VIB 8.573 :	VIBCODE measurement stud with locking nut, M12
VIB 8.594 :	VIBCODE measurement stud with locking nut, UNC 5/16
VIB 8.595 :	VIBCODE measurement stud with locking nut, UNC 3/8 - 16
VIB 8.596 :	VIBCODE measurement stud with locking nut, UNC 1/2 - 13



Bolt does not touch casing!



Application

The VIBCODE measurement studs with locking nut are ideal for situations such as motor housings where there is little clearance between the actual mounting location (e.g. the bearing housing) and the machine housing. This arrangement can even be used to replace existing housing screws. Once the stud is torqued into the threaded hole prepared for measurement, the counter nut can be tightened against the machine housing.

To ensure optimum signal transmission, the cone of the bolt may only touch the measuring point (e.g. the bearing housing), but not the metal casing.

Installation accessories

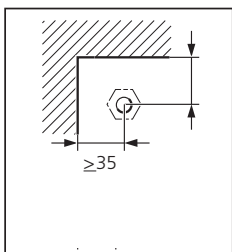
VIB 8.693	M8 screw tap
VIB 8.696	UNC 5/16 screw tap
VIB 8.694	90° countersink bit

Accessories

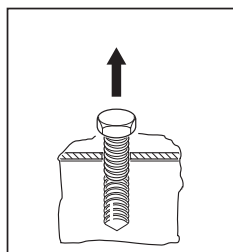
VIB 8.563 A25	VIBCODE code rings, 25 pcs.
VIB 8.692	VIBCODE encoding tool
VIB 8.566	Protective cap
VIB 8.568/..	Color coding for protective cap, 25 pcs.

Mounting instructions

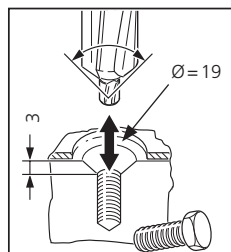
dimensions in mm



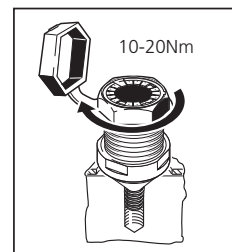
Ensure sufficient clearance



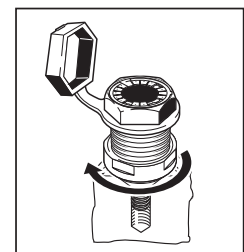
Remove bolt and housing cawling



Countersink hole, bore cawling

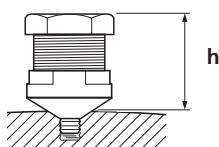


Mount adapter



Fasten locking nut

Height



Height h in mm	Adapter Order no.
28	VIB 8.571 / VIB 8.594
27	VIB 8.572 / VIB 8.595
26	VIB 8.573 / VIB 8.596

C

VIBCODE measurement studs for adhesive mounting

1

VIB 8.685 SET : VIBCODE measurement stud for adhesive mounting, 1 pc.

VIB 8.685 A25 : VIBCODE measurement stud for adhesive mounting, 25 pcs.

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Application

These VIBCODE measurement studs are ideal when only adhesive mounting is possible.

6

Mounting notes

A removable self-threading centering pin may be used if desired to hold the stud in place while the adhesive cures to final hardness.

Installation material for adhesive mount:
2-component adhesive (e.g. WEICON HB 300).

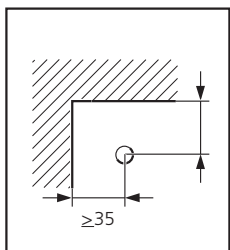
Accessories

- VIB 8.563 A25 VIBCODE code rings, 25 pcs.
- VIB 8.692 VIBCODE encoding tool
- VIB 8.566 Protective cap
- VIB 8.568/.. Color coding for protective cap, 25 pcs.

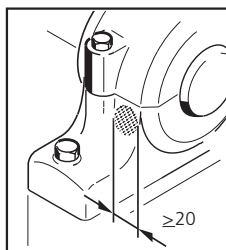
A

Mounting instructions

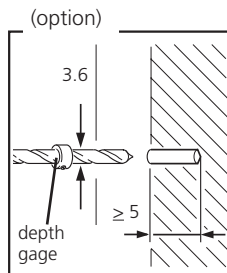
dimensions in mm



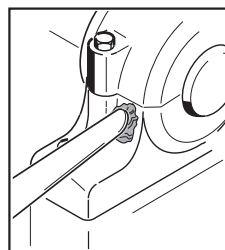
Allow clearance for transducer



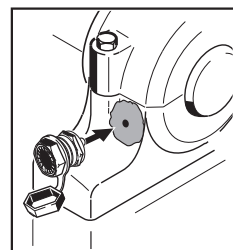
Mounting surface: flat & roughened



(Option: bore hole for centering pin)

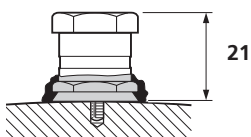


Apply compound to both surfaces



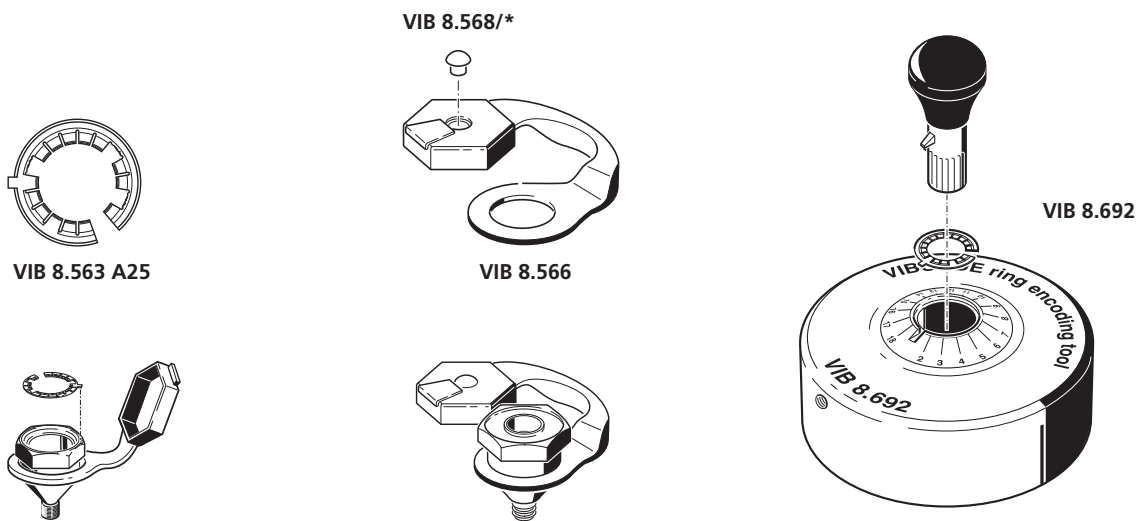
Press & turn adapter into surface

Height



Accessories for VIBCODE measurement studs

VIB 8.563 A25 :	VIBCODE code ring, 25 pcs.
VIB 8.566 :	Protective cap for VIBCODE stud
VIB 8.568/B :	Color coding for protective cap, black, 25 pcs.
VIB 8.568/GN :	Color coding for protective cap, grün, 25 pcs.
VIB 8.568/GR :	Color coding for protective cap, grau, 25 pcs.
VIB 8.568/W :	Color coding for protective cap, weiß, 25 pcs.
VIB 8.568/Y :	Color coding for protective cap, gelb, 25 pcs.
VIB 8.692 :	VIBCODE encoding tool



Description

The protective cap VIB 8.566 protects the measurement surfaces and code ring from damage by aggressive industrial materials. Each VIBCODE measurement location can be individually color-coded for easy recognition during route-based data collection.

Example:

VIBCODE locations to be measured daily can be marked with black color coding, while green color coding can be used to mark VIBCODE locations that require only weekly measurement.

The plastic tabs of the code ring VIB 8.563 may easily be removed using the VIBCODE encoding tool VIB 8.692 as illustrated above. The ring then fits into the VIBCODE stud; a tab on the outside of the ring provides positive orientation.

Encoding the code ring:

1. Insert code ring
2. Insert plunger
3. Set code number (issued by OMNITREND software)
4. Slowly press down plunger

Technical data

PARAMETER		VIB 8.566	VIB 8.563 A25
General	Material	Desmopan®	Hostaform®
	Temperature range	-30°C ... +100°C	-40°C ... +130°C
	Resistance	oil, coolant	

