

Vibration Resistant Treatment Service

Service description

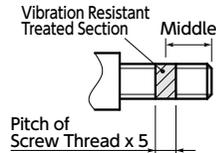
- Screws are coated with microcapsules containing an adhesive.
- When a screw is tightened, the microcapsules break and release the adhesive, which locks and seals the screw.

- The adhesive section is generally in the center of the screw threads and five times the thread pitch in size.

*The coated area may differ depending on the product shape and size.

- 3 types of thread locking are available. Choose the best type for your usage.

Adhesive Agent
Microcapsules



Vibration Resistant

- Applications

FA Equipment, Machine Tools, Home Electronics, Communication Equipment, OA Equipment, and Automobiles and Other Transportation Equipment

SG-161 Heat Resistance Vibration Resistant ◀1



- Epoxy resin microcapsules
- Color: Orange
- Time to reach practical strength: 20 to 30 hours
- Adhesive strength*1 : 12 N·m (M6 test result)
- Heat Resistance Temperature*1 : 150°C

*1 : The adhesion force indicates the loosening torque when tightened to 8 N·m. The heat-resistant temperature indicates the limiting temperature at which the loosening torque exceeds the tightening torque. The above values are for reference only. They are not guaranteed values. Make sure that there is no problem with your final product when using them.

Sealing

- Applications

Hydraulic Equipment, Pneumatic Machinery and Equipment

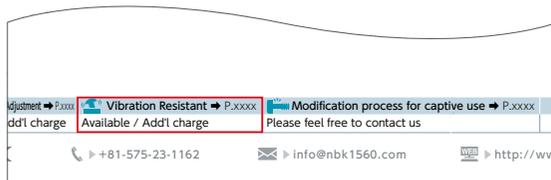
SG-175 Sealing ◀1



- Composed of fluorosilicone resin
- Color: White
- Superior sealing effect
- Chemical resistance · Heat resistance

Applicable Products

- Available / Add'l charge message is indicated at the bottom of the product page.



- Applicable screw threads: M2 - M12
- Also, this service is available for products not listed in this catalog with your specified vibration resistant treatment.

Fees · Delivery

- Please feel free to contact us.

Part number specification

SSH-M4-12-SG-161

Part Number ◀1 Types of Thread locking Treatment

Specify the part number of the product for vibration resistant treatment and the type of the treatment.