

New item! Unlocked the nut function with one touch!

Free adjustment nut M16 ^{NEW}

Problem

It takes quite a while to fasten the nut with a long-size threaded rod.

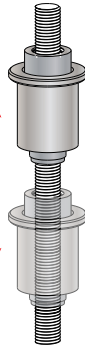
I want to adjust it easier than tighten by hand.

I hate this!



Solution!

I recommend using **Free adjustment nut**. Because it changes the nut function of "on" or "off" with one touch, so you make it move easier and faster!



I can make it move faster!

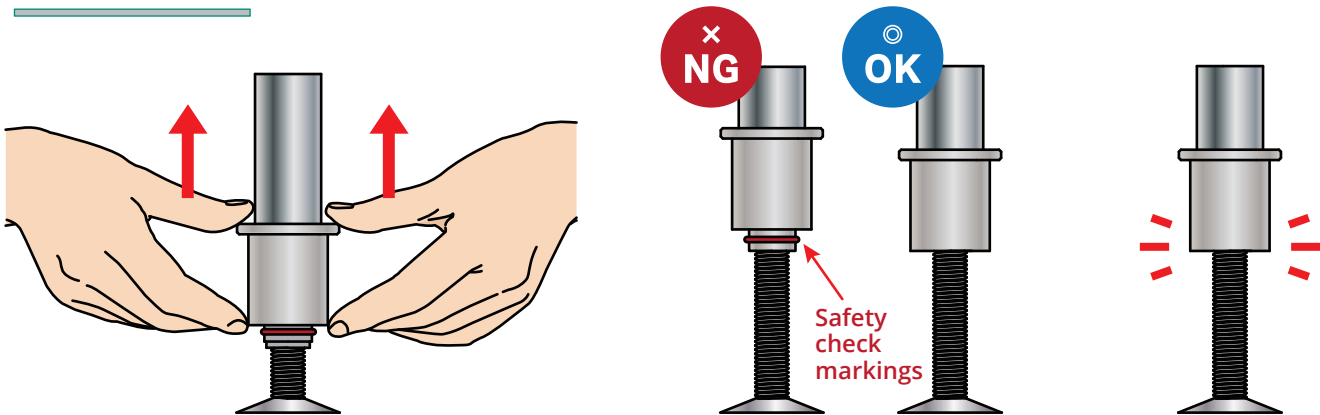


■ Anyone can release the nut function with a simple operation.

■ Since the allowable load is 6800N, it is safe even where strength is required. (Note: The calculate is by examining within the company. The details are on the back.)

■ There is a safety marking which can be verified just at a glance.

How to use



It has a brim as the exterior part that you pull it up and make it move to a specific point.

When you release the hand, the exterior part returns to its original position. After that, you have to make sure that the safety check markings will hide.

Finish!

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Announce our new developed products launching.

Free adjustment nut M16

Strength test

| | |
|--------------------------|--|
| Equipment | Strength evaluation tester |
| Manufacturer | SHIMADZU CORPORATION |
| Model No. | AG-250KNI |
| Method of testing FA nut | 1. Preparing a total of 8 test pieces. These have been testing already (tested 1000 times) ①~④ and new pieces ⑤~⑧. 2. Apply load gradually and check the operation at regular intervals. Keep applying loads until it no longer works. |

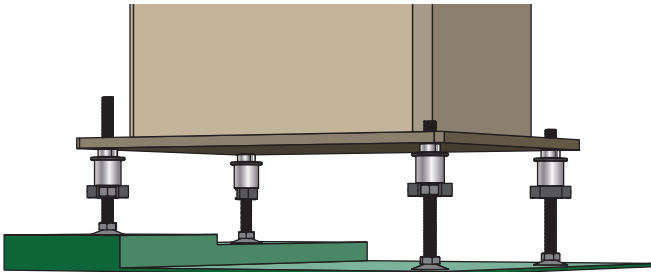


Conclusion

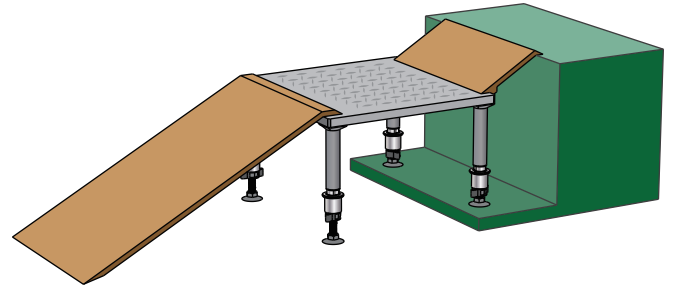
The operation was done properly when a load of minimum value is 3.5t, the maximum value is 4.4t, and checked the value every 0.3t until test pieces were broken. As a result, the value of allowable load will set as 1/5 of load minimum value 3.5t that means nearly equal 6800N.

| Test piece | | ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ |
|------------|--|---|---|---|---|---|---|---|---|
| 2.4t | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| 3.9t | | × | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| 4.2t | | | × | ○ | ○ | ○ | ○ | ○ | ○ |
| 4.5t | | | | × | × | ○ | × | × | ○ |
| 4.8t | | | | | | × | | | × |

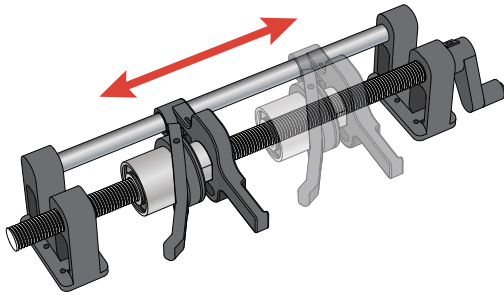
Examples



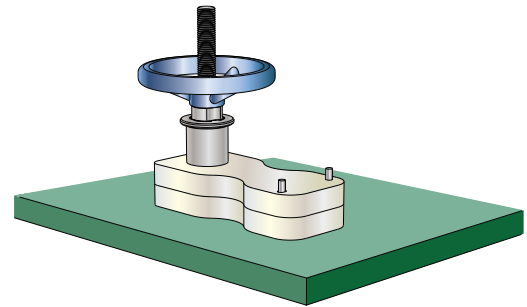
It can be used to level small to medium-sized processing equipment, amusement equipment, other industrial equipment, tables, work tables, and other places with level differences.



For setting a slope at work sites, temporary site, and event spaces.

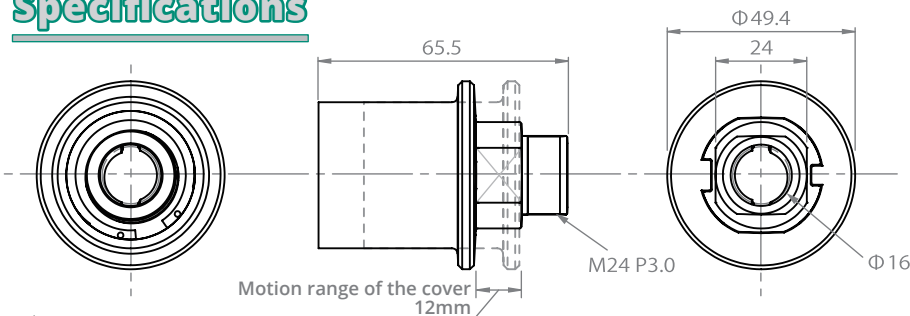


By using a feed screw, you can freely adjust the slide to any location and make fine adjustments with the screw. (This product does not support precision screws such as trapezoidal threads.)



For simple fixing of jig, work and machine cover which are frequently removed.

Specifications



Note: FA Nut=Free adjustment nut

| Parts | Material |
|------------------------|-------------------|
| FA Nut core part | Zinc die casting |
| FA Nut cover | Zinc die casting |
| FA Nut split nut | Zinc die casting |
| Spring pressure plate | Steel / Unichrome |
| Compression spring L | Stainless steel |
| Compression spring S | Stainless steel |
| Round R type snap ring | Steel |
| O-ring | Silicon |

Caution

Note: FA Nut=Free adjustment nut

- If you build into a frame, you need M24P3.0 internal thread machining in the frame side. (Valid thread diameter is more than 15mm)
- It is possible to tighten by spanner when putting FA Nut to the frame. (Spanner diameter is 24mm, maximum tightening torque is 85N-m)
- Make sure the red markings of its bottom is not seen totally when you finish working.
- Do not use in over allowable loads such as applying a strong shock to FA Nut. • Avoid pulling up the cover while a load is applied.
- Please tighten the FA Nut by double nut if you use it as an adjuster.
- Please use in penetration (over 65.5mm) when inserting the bolt into diameter 16mm its inside.

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Check the video

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