



Nikko-Rack

NKLH-0525R/SR-G, etc.

NIX, INC. Screw bolt metal base rack Assembly Manual

Read this manual carefully before assembling.

Operating precautions

1. Do not use organic solvents such as washing soap, screw locks, grease, etc. **May cause deformation or damage.**
2. Do not step on the product or sit down. Otherwise it maybe damaged and you may get injured.
3. Do not throw the product or not give a strong impact. Otherwise, the product may be deformed or damaged.
4. Do not expose the product to direct sunlight or ultraviolet light. Otherwise, the product may be deformed or damaged.
5. Please confirm that the screw of the movable side is tightened when transferring. If not tightening, the movable side may move unexpectedly and pinch fingers, etc.
6. Do not put the product in a high-temperature drying oven. Otherwise, the product may be deformed or damaged.
7. Be careful of the sharp tip of the part when reassembling, etc. Otherwise you may get injured.

Parts list

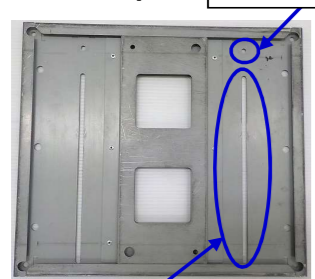
①-A Guide rail unit A... 1 unit



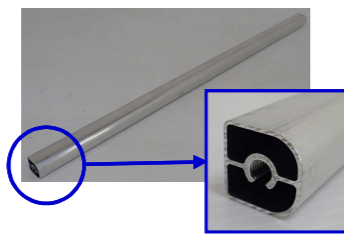
①-B Guide rail unit B... 1 unit



② Base... 2 pcs



③ Guide Channel U... 4 pcs



④ Cap screw (Hexagon socket head cap screw) ... 16 pcs



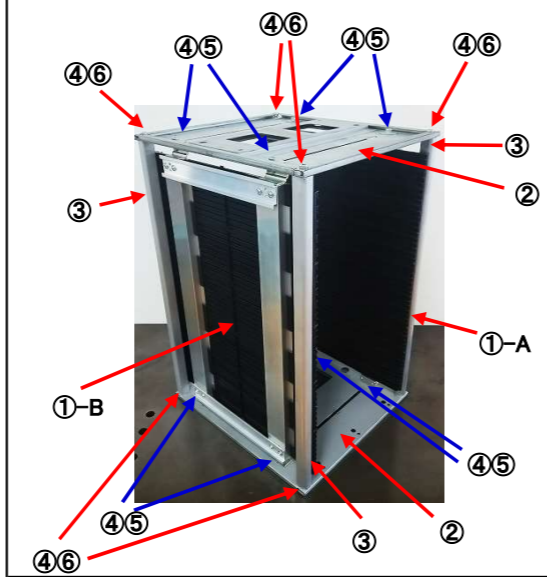
⑤ Round washer... 8 pcs



⑥ Square washer... 8 pcs



Components' configuration

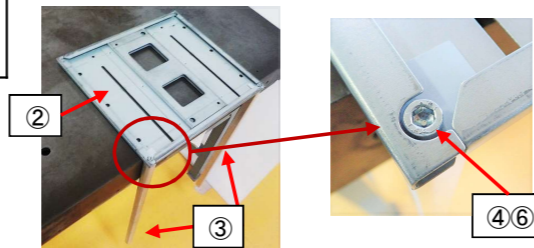


Assembly procedure

1 Installing the Guide channel U

Install the ③ Guide channel U at the position of the ② Base as below photo, with the ④ Cap screws and ⑥ Square washer.

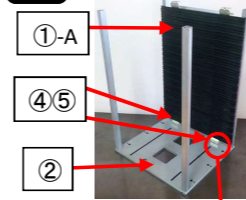
※Make sure that the installation position is correct.



Tighten the ④ Cap screws, so that the ③ Guide channel U hits the base protrusion.

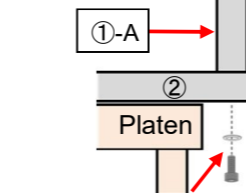
Assembly procedure

2 Mounting of the Guide rail unit



2-1 Temporarily tighten ①-A Guide rail unit A (fixed side) on the ② Base with ④ Cap screws and ⑤ Round washer from the bottom. (at two locations)

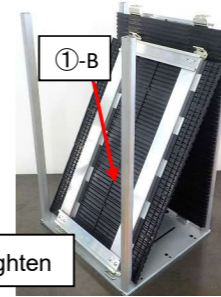
※Place the sculptured letter of the article in a readable orientation.



Temporarily tighten ①-A Guide rail unit A (fixed side) with a round hole.

2-2

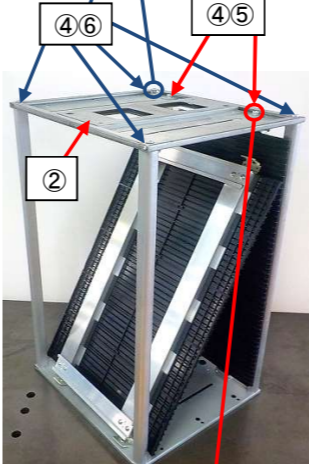
Tilt ①-B Guide rail unit B (movable side) as shown in the photo (Place the sculptured letter of the article in a readable orientation) on the right.



Temporarily tighten

2-3

Temporarily tighten ③ Guide channel U on the ② Base with ④ Cap screws and ⑥ Square washer. (at four locations)



Temporarily tighten

Temporarily tighten ①-A Guide rail unit A (fixed side) on the ② Base with ④ Cap screws and ⑤ Round washer. (at two locations)

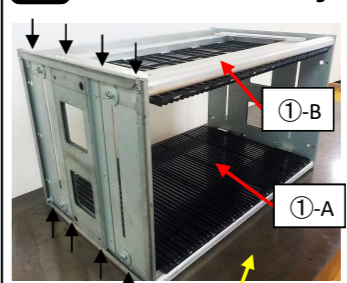
※Attention to the orientation of the ② Base. Together with the lower base, Temporarily tighten ①-A Guide rail unit A (fixed side) with a long hole.

2-4

Temporarily tighten ①-B Guide rail unit B (movable side) on the ② Base with ④ Cap screws and ⑤ Round washer. (at four locations)



3 Final assembly



3-1 Please lay the 2 assemblies sideways as picture below. ※Please make sure to put it sideways so as not to pinch your hand with ①-B Guide rail unit B (movable side).

Platen Tightening torque : $2.70 \pm 0.25 \text{ N} \cdot \text{m}$ (2.45~2.95 N·m)

3-2

Tighten securely the ④ Cap screws other than ①-B Guide rail unit B (movable side) with the ② Base pressed against the platen.

3-3

Flip the rack. Please lay the ①-B Guide rail unit B (movable side) sideways on the bottom side. Tighten securely the ④ Cap screws. (at four locations)

3-4

Please confirm that there is no distortion in the assembled rack.

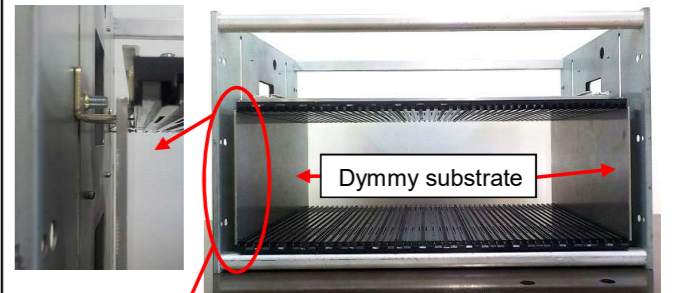
4 Storage Width adjustment

4-1

Loosen the ④ Cap screw fixing ①-B Guide rail unit B (movable side).

4-2

Put the dummy substrate (customer use substrate) between the corner joints as shown in the picture. (2 sheets)



4-3

Please do not bend the dummy substrate. Tighten securely the ④ Cap screws with the ①-B Guide rail unit B (movable side) pressed against the platen. (at four locations)

※Tightening torque : $2.70 \pm 0.25 \text{ N} \cdot \text{m}$ (2.45~2.95 N·m)

4-4

Remove the dummy substrate and check whether the substrate does not interfere and insert into the groove to be used.

Tightening tool: Hex wrench (2-sided width: 5 mm), tightening torque : $2.70 \pm 0.25 \text{ N} \cdot \text{m}$ (2.45~2.95 N·m)

This product is compliant with the RoHS Directive.

2024.02