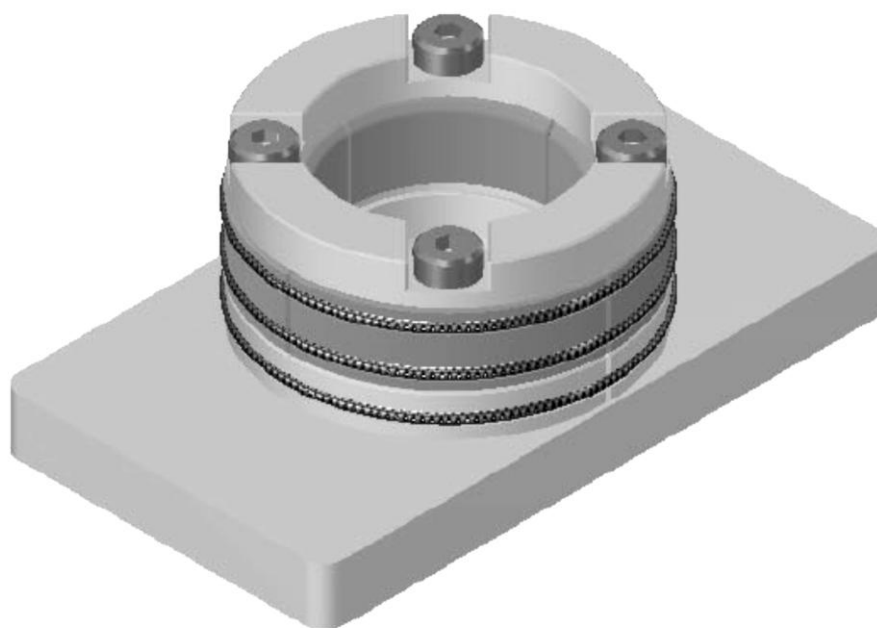


SLEEVE SETTER

SV-SET-304A-50

SV-POS-50

OPERATING MANUAL



Follow this manual when using SLEEVE SETTER.



Please provide this manual to SLEEVE SETTER users for safe and trouble-free operation.

NITTA CORPORATION

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1. Safety Precautions

Please go over these safety precautions carefully to secure a correct and safe operation of the SV-SET-304A-50 and SV-POS-50



WARNING

Disregarding instructions marked with this symbol may lead to death or serious injury.



CAUTION

Disregarding instructions marked with this symbol may lead to injury or property damage.



WARNING



WARNING

This product is designed exclusively for set our sleeve SV-304A-BK. Do not use with any other products or applications.

There is a risk of unexpected accidents.



WARNING

Rollers that can be installed with our sleeve SV-304A-BK for this product must have the following specifications:

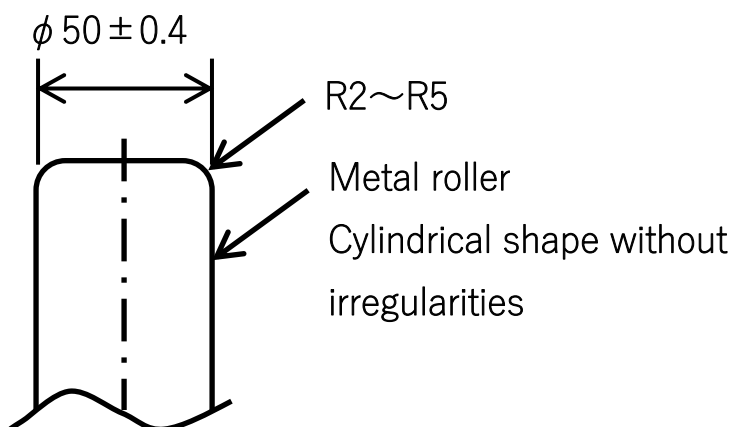
Metal roller

Outer diameter: $\phi 50 \pm 0.4$ and cylindrical shape without irregularities

Edges of roller ends: R2 to R5

Sleeves cannot be fitted to rollers that do not meet these conditions.

Improper use may result in unexpected accidents.



WARNING

Do not disassemble or modify the product under any circumstances.

Doing so may result in an unexpected accident.

When repair or check is required, please contact your local distributor, agent in your area or our company.



WARNING

The roller on which the sleeve is attached must be fixed so that they can withstand the load of attaching the sleeve and stand on their own.

There is a risk of the rollers falling over and causing an unexpected accident.



This product is intended to be handled by hand.

Please wear non-slip protective gloves when handling.

Be sure to use both hands when operating the device as this may result in an unexpected accident.



When handling the SLEEVE SETTER, please hold the base plate with both hands.

There is a risk of injury from moving parts such as the "sleeve holder" and "sleeve hook."



To use this product to attach our sleeve SV-304A-BK to the roller, a force of approximately 350N must be applied to this product.

For a 70 kg person, this is equivalent to about half of their body weight. Also, once the sleeve passes the edge of the roller, the thrust force required to seat the sleeve is reduced to approximately 200N.

There is a risk of losing your balance and falling, or of coming into contact with the rollers due to too much momentum, resulting in accidents such as bruises on the hands or injuries to the face.

When applying force to this product, operate it slowly and without exerting force.



Slowly



Maintenance and inspection work should be carried out by personnel with specialized knowledge and skills.

When repair or check is required, please contact your local distributor, agent in your area or our company.



Do not use this product in the following environments:

- Under flammable gas or combustible gas environment
- Under a corrosive gas environment
- Under an ambient temperature of 5°C or below
- Under an ambient temperature of 40°C or above
- Under a high humidity environment. (humidity surpassing 85%)
- In places exposing the press to steam or water drops



When cleaning, use a dry cloth and never use flammable solvents such as alcohol, benzene, or thinner.

It may cause a fire.

Caution



CAUTION

Do not use this product outdoors.



CAUTION

When using the product at high altitudes, take measures to prevent it from falling.

This can cause injury.



CAUTION

Before use, please carry out the inspection described on page 8 of this manual.

Failure to do so may result in injury.

2. Confirmation of Product

Thank you very much for purchasing this product.

2—1) Confirmation of Product

When you receive the product, please check the following points.

If you find any defects, please contact us, your dealer or agent.

1. Is the model the same as ordered?
2. Has the product been damaged during transportation?
3. Are any screws loose?

2—2) Model designation

The location of the model number is shown in the diagram below.



SV-SET-304A-50



SV-POS-50



**SV-POS-50 accessor
Marking collar**

3. Specifications

3-1) Overview of the SLEEVE SETTER "SV-SET-304A-50"

The SLEEVE SETTER "SV-SET-304A-50" is a special product for our sleeve "SV-304A-BK" and is designed to enable smooth installation of our sleeve onto the roller.

3-2) Overview of the SLEEVE POSITION JIG "SV-POS-50"

The SLEEVE POSITION JIG "SV-POS-50" is used in conjunction with the SLEEVE SETTER "SV-SET-304A-50" to attach the sleeve "SV-304A-BK" in the designated position. In addition, the scribing collar that comes with the sleeve installation positioning jig "SV-POS-50" is a collar for scribing the adhesive application area required for attach the sleeve "SV-304A-BK".

3-3) Specifications

Model	SLEEVE SETTER "SV-SET-304A-50"
Dimensions	Width 85mm× Length150mm× Height54.5mm
Weight	759g

Model	SLEEVE POSITION JIG "SV-POS-50"
Dimensions	φ98× Length25mm
Weight	218g

Model	MARKING COLLAR
Dimensions	φ60× Length 29mm
Weight	31g

4. Use Environment

Ambient Temperature	5~40°C (no condensation)
Ambient Humidity	15~85% RH or less
Place of Use	Indoors (free from dust and water)
Environment	No flammable, combustible or corrosive gas; no steam



WARNING

Please use this product in the above environment.

5. Storage Environment

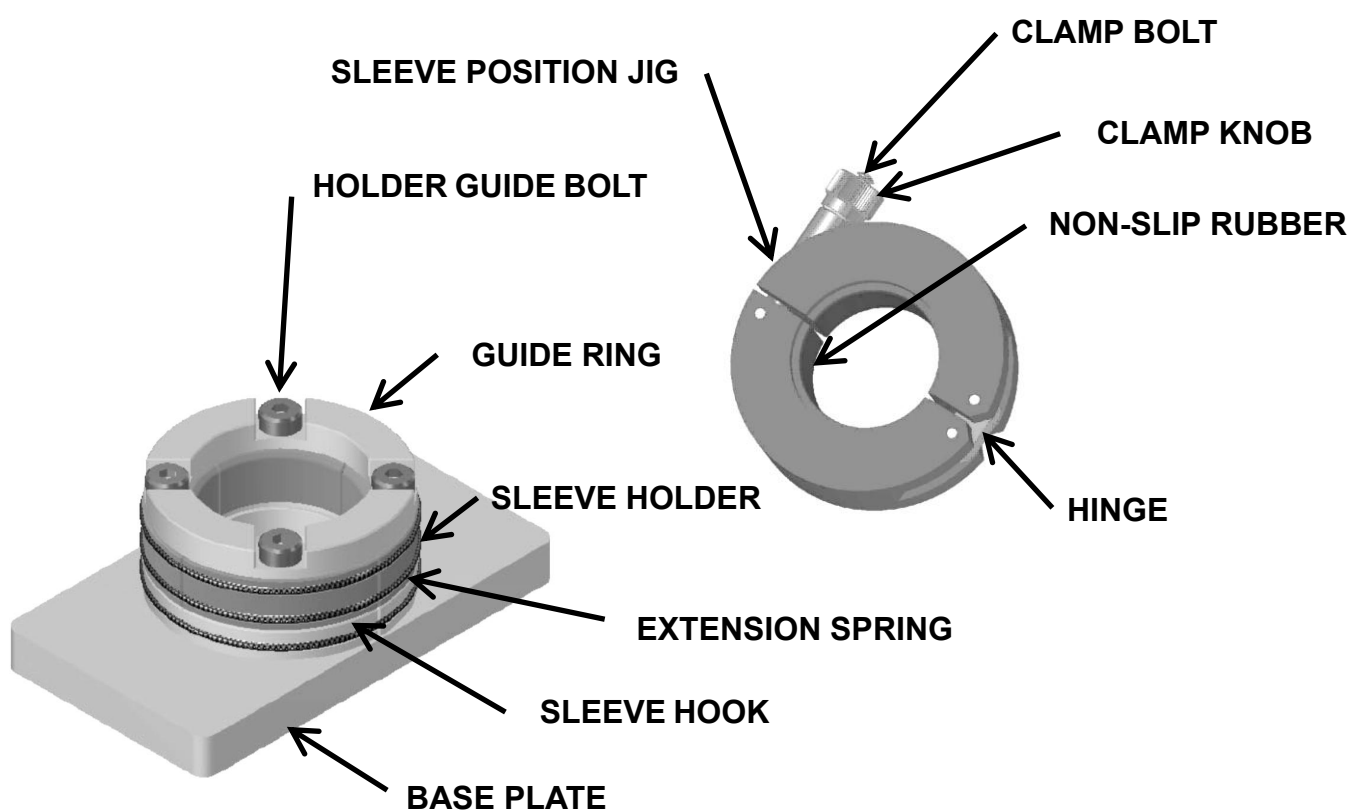
Ambient Temperature	5~40°C (no condensation)
Ambient Humidity	15~85% RH or less
Place of Use	Indoors (free from dust and water)
Environment	No flammable, combustible or corrosive gas; no steam



WARNING

Store the product in the environment described above.

6. Name of Each Part



7. How to Operate

7-1) Preparation

	Things to prepare A. Sleeve 『SV-304A-BK』 B. Sleeve Setter『SV-SET-304A-50』 C. SLEEVE POSITION JIG "SV-POS-50" D. MARKING COLLAR E. Bond “Konishi Co.Ltd G-17” F. Oil-based marker G. Steel ruler or Measuring tape H. Rag Recommendation • Roller ※φ50±0.4 Edges of roller ends R2~R5 Made of metal • Roller Fixture Fixture for allowing rollers to stand • Anti-slip protective gloves
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WARNING

- The edge of the roller end where the sleeve is attached must be R2 to R5.

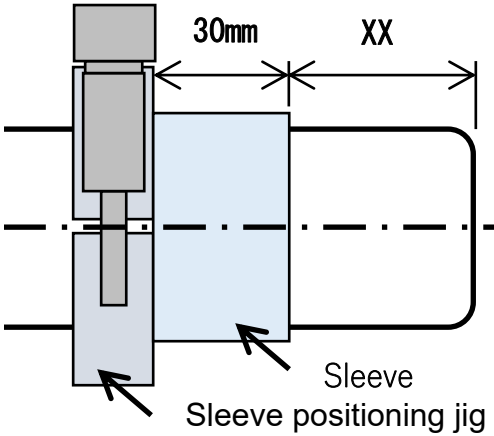
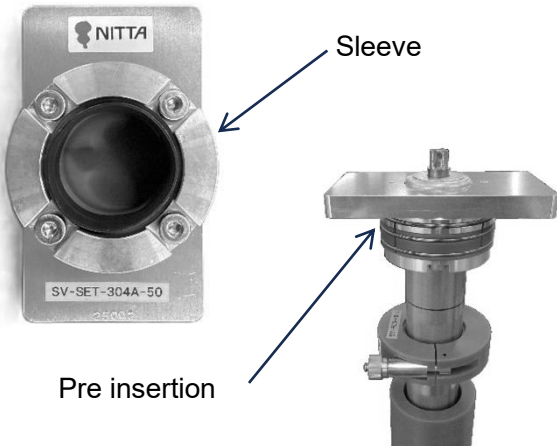


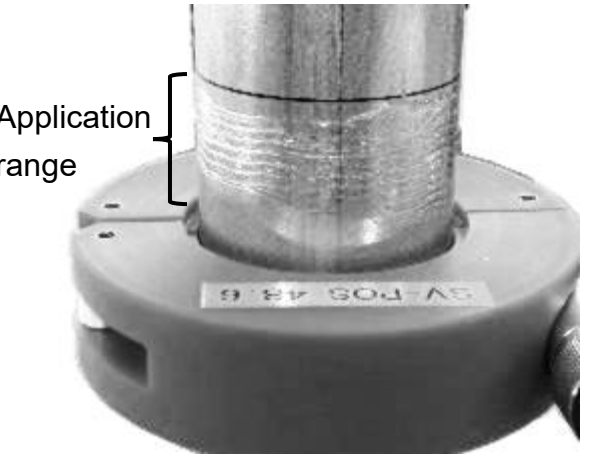
WARNING

- The roller on which the sleeve is mounted must be a smooth cylinder.

7-2) Sleeve installation method

	Please prepare a jig capable of holding the roller. WARNING Please prepare a jig capable of holding the roller.
	Set the sleeve position jig at the desired position where you want to set the sleeve. Loosen the clamp knob, position the roller, and tighten the clamp knob to secure the jig. The surface with a groove on the inside of the end face of the sleeve position jig is the sleeve mounting side.

	Sleeve position jig installation position Set the end face of the sleeve position jig at a position equal to the desired distance from the roller end to the sleeve end plus 30 mm of the sleeve width.
	Remove any dirt from the rollers with a rag or similar. ※If there is oil stain on the roller, remove the stain with a parts cleaner. Attach the marking collar to the roller and bring it into contact with the sleeve position jig.
	Use the edge of the marker color to mark a line on the roller with a permanent marker. The marking line is hidden by the sleeve once it is attached.
	Set the sleeve in the sleeve setter. ※This is to prepare the sleeve for quick installation after applying the adhesive. Pre inserting the sleeve into the end of the roller before applying the bond, you can quickly attach the sleeve after applying the bond. However, if the jig overlaps the sleeve installation position, please insert the jig after applying the bond.

 A close-up photograph of a cylindrical roller mounted on a base. A horizontal line is drawn around the roller, and a double-headed arrow above it indicates a length of 1 cm. The roller is positioned within a grey plastic jig.	Apply glue close to the marking line. The recommended bond is “Konishi Co.Ltd G-17” Apply the glue to four places around the circumference of the roller, applying an amount approximately 10mm long in each place. If too much glue is applied, it may adhere to the jig and impair its function.
 A close-up photograph showing a metal spatula being used to spread a white adhesive substance evenly around the circumference of the roller. The spatula is angled against the roller's surface.	Spread the glue using a spatula or similar. Spread the paste evenly around the circumference of the roller. ※Spread the glue quickly before it dries. Once the glue dries it may not provide the expected adhesive strength.
 A close-up photograph of the roller assembly. A bracket on the left side of the roller indicates the 'Application range'. The roller is mounted on a grey plastic base with a label that reads 'SV-POS 48.6'.	The area where the adhesive should be applied is between the marking line and the sleeve position jig. A good guideline is approximately 25mm from the scribed line.
 A photograph showing two hands wearing grey protective gloves pressing a rectangular metal sleeve setter against the roller. The sleeve setter has a circular opening in the center.	Hold the sleeve setter with both hands and press it evenly, keeping it perpendicular to the roller.  WARNING Please wear non-slip protective gloves when handling. Always use both hands when handling to avoid risk of unexpected accidents. The required pressure is approximately 350N.

	Push the sleeve setter in until it interferes with the sleeve position jig. ※If you feel resistance that makes it difficult to move the sleeve setter, pull the sleeve setter towards you about 5 mm and then push it in the installation direction again.
	Remove the sleeve setter from the roller and check that the sleeve is installed in the correct position. ※When handling the sleeve setter hold it by the base plate. Your fingers may get pinched by moving parts such as the sleeve holder and sleeve hook.
	If there are no problems with the sleeve installation, remove the sleeve position jig from the roller. If multiple sleeves are to be attached to one roller, repeat this process. ※If any glue protrudes from the sleeve, wait until the glue dries and then remove it with a spatula or similar.
Precautions after installing the sleeve. • After installing the sleeve, allow the adhesive to harden for 24 hours before using the roller. • After installing onto the conveyor, perform a trial run to check for any problems such as sleeve misalignment or belt meandering.	

8. Inspection

Inspection items	date/staff	date/staff	date/staff	date/staff	date/staff
Is there any damage to the jig?					
Check that the holder guide bolts are not missing.					
Check if the holder guide bolt is loose.					
The extension spring has fallen off.					
Is there any glue on the jig?					
Do the sleeve holder and sleeve hook work?					
Check that the non-slip rubber on the sleeve positioning jig has fallen off.					

※Please make a copy of this page and use it for pre-use inspection.

9. Warranty and after-sales service

1. Warranty period

The warranty period is for one full year after the delivery of the order at your appointed place.

2. Warranty coverage

1) Should the product malfunction due to causes for which our company is responsible during the abovementioned warranty period, our company will provide a replacement product or repair the product free of charge. However, even within the warranty period the following cases shall not be covered by the warranty. Please note that even if our company provides a replacement product or repairs the product, the warranty period will be calculated from the initial date on which the product was delivered.

- ① Malfunction arising from any inappropriate conditions, environment, handling and usage which are not described in the OPERATING MANUAL and the Endless Splicing Procedure.
- ② Malfunction due to a cause arising from something other than the product, such as your own device.
- ③ Malfunction arising from any modification or repair by other than our own company.
- ④ Malfunction arising from any development that would not have been possible to predict, within the limits of our chemical and technological capabilities, prior to shipment.
- ⑤ Malfunction arising from fire, earthquake, flood, other disasters, voltage error, or other external factors for which our company bears no responsibility.

2) The warranty coverage is limited to what is stated in 1) above, and the warranty does not cover secondary damages (equipment damage, opportunity loss, profit loss) and any other damage incurred by the user as a result of a malfunction of the product.

3) After the warranty period, if after examination the product is repairable, our company will repair it upon request.

MEMO

For information on Nitta's overseas offices, please check here to access the QR code.



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The specification is subject to change for improvement without notice.