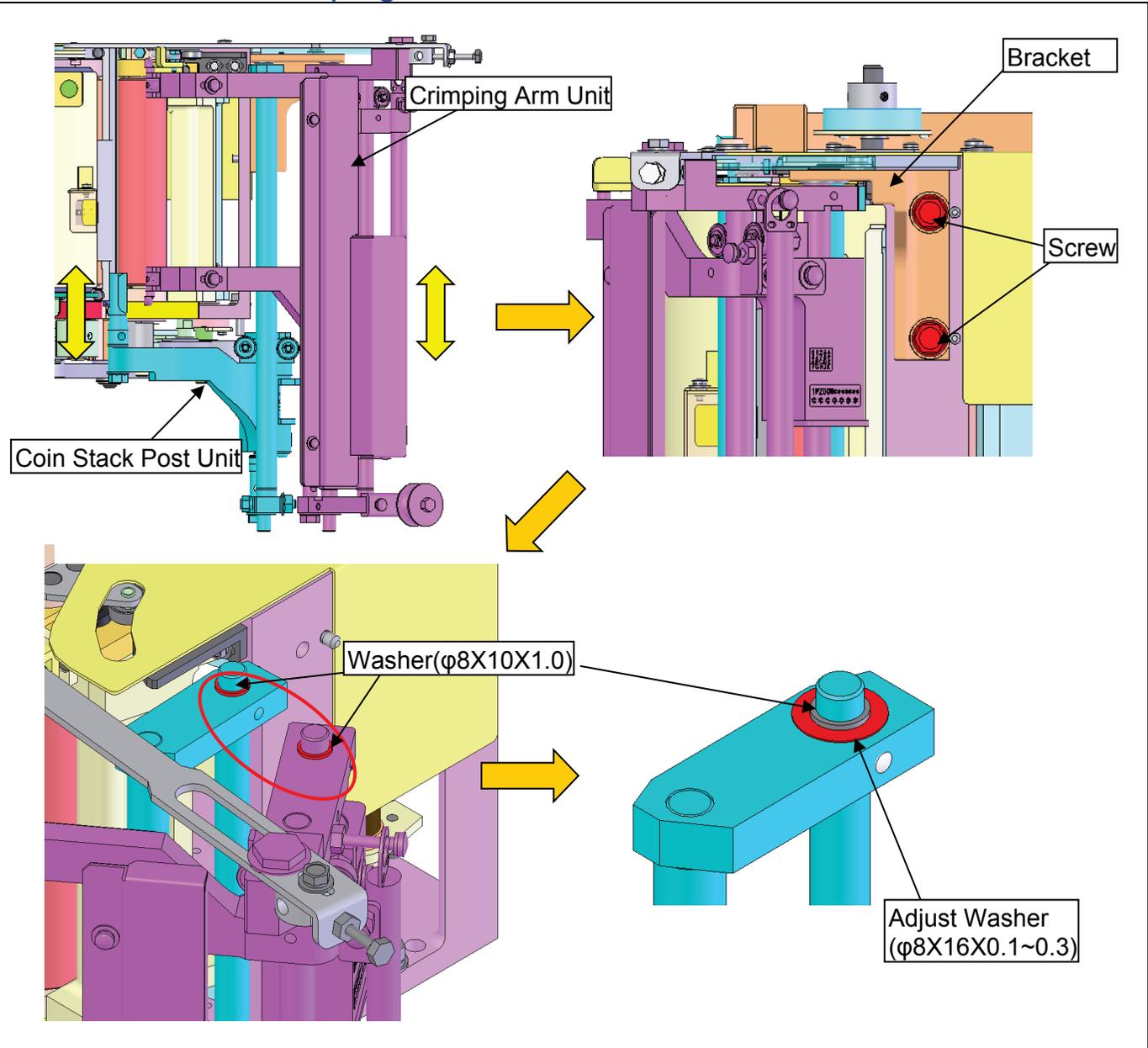


4-3. Wrapping Section Adjustment

4-3-1A. Adjustment of play for Coin Stack Post and Crimping Arm.

Related Problem	Wrapping failure and crimping abnormally.
Work Time	10 minutes
Special Tools	
Standard Value (Unit: mm)	

1. Hold Coin Stack Post Unit by hand and move up and down.
2. If found play, put adjustment washer until feel no play.
3. Play should have 0.1mm when hold Crimp Arm Unit by hand and move up and down.
4. If play is more than around 0.1mm, remove 2 pcs Screw and Bracket.
5. Put adjustment washer on the Crimping Arm unit until play less than 0.1mm.
6. After assembled unit, check no play of Coin Stack Post unit again.

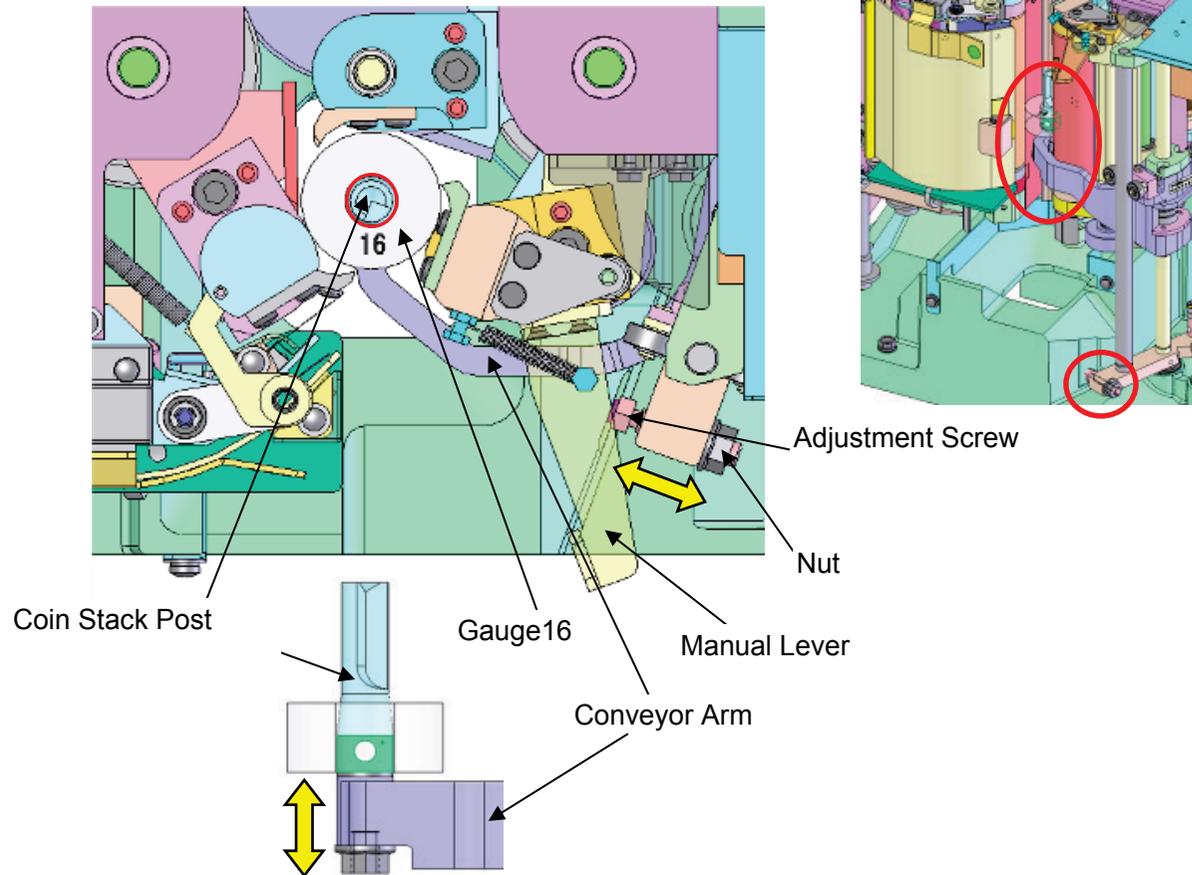


4-3. Wrapping Section Adjustment

4-3-2A. Adjustment of Coin Stack Post Center

Related Problem	Jam at inside Roller Case
Work Time	3 minutes
Special Tools	GAUGE16
Standard Value (Unit: mm)	

7. Turn off the power.
8. Turn the knob for Cam Motor manually and make Conveyor Arm to wrapping position.
9. Open wrapping rollers by Manual Lever and put Gauge 16 into Roller Case then release Manual Lever to close the rollers.
10. Adjust the centering of Coin Stack Post by Adjustment Screw and Nut so that thick part of Coin Stack Post gets into the hole of Gauge 16. Go up or down the Conveyor Arm by turning the Knob and make sure the centering.
11. Remove Gauge 16 form Roller Case.
12. Turn the knob for CAM Motor and make Conveyor Arm to home position.

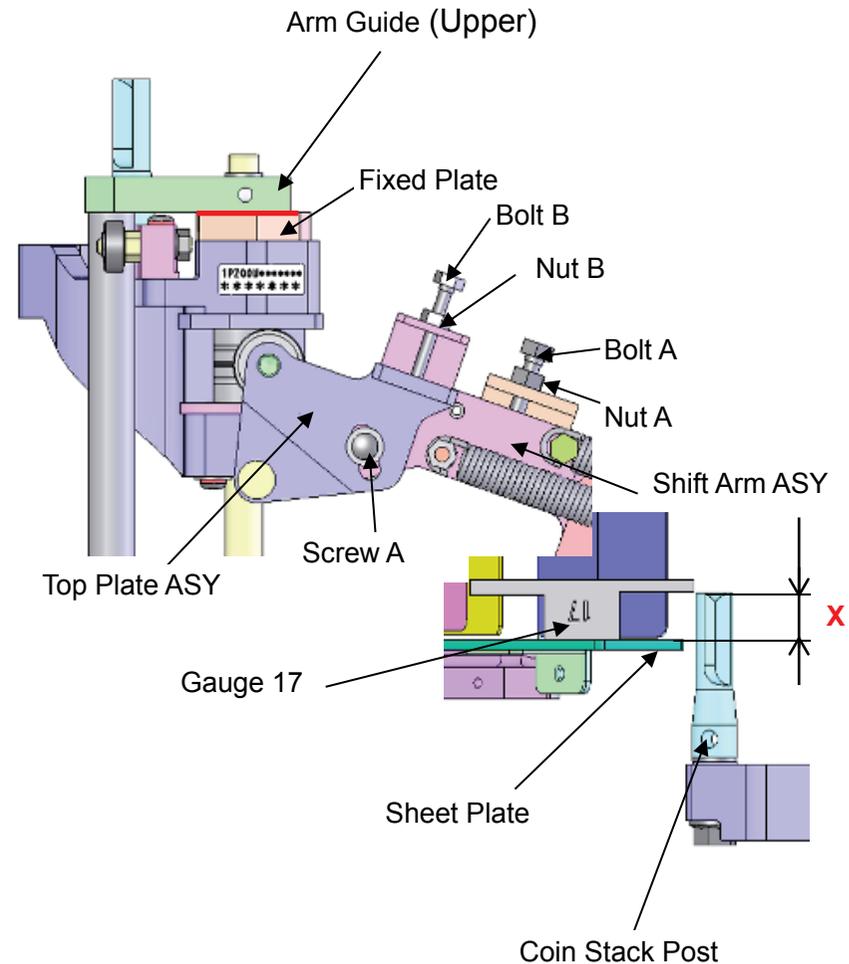
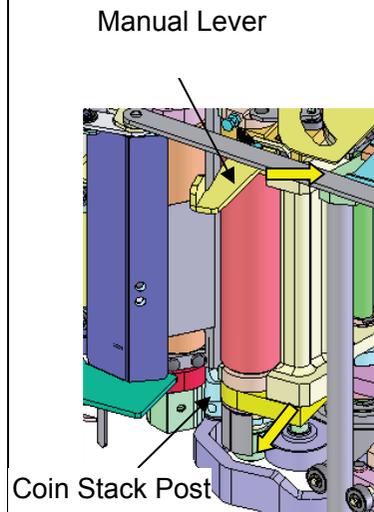
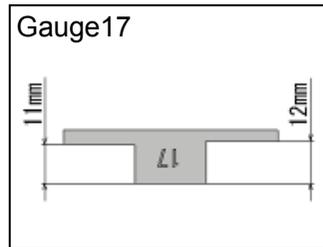


4-3. Wrapping Section Adjustment

4-3-3A. Adjustment of Coin Stack Post Top Position

Related Problem	Jam at inside Roller Case, Rapping abnormality.
Work Time	5 minutes
Special Tools	GAUGE17
Standard Value (Unit: mm)	X=11 to 12 mm

1. Turn off the power.
2. Turn the knob for Cam Motor clockwise and make the Shift Arm ASY to top position.
3. At the top position, adjust Fixed Plate position by Bolt A and Nut A so that Fixed Plate makes a contact with Arm Guide (Upper) slightly.
4. Turn the knob further and make Shift Arm ASY to wrapping position.
5. Open Roller Case by Manual Lever and take out Coin Stack Post.
6. Loosen Screw A and Nut B slightly.
7. Adjust Coin Stack Post height by Bolt B so that the height of Coin Stack Post from Sheet Plate is X. Check it by Gauge 17.
8. Tighten Screw A and Nut B.
9. Check the adjustment 4-3-3A. Adjustment of Coin Stack Post Position to Shutter.
10. After the adjustment, wrap the coins. Make sure the condition of wrapping.



4-3. Wrapping Section Adjustment

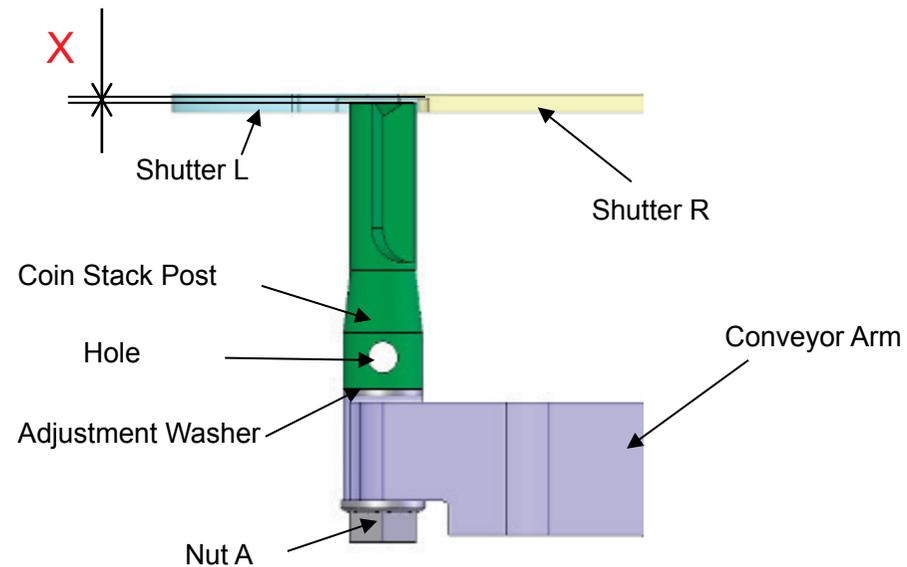
4-3-4A. Adjustment of Coin Stack Post Position to Shutter

Related Problem	Stack Jam
Work Time	10 minutes
Special Tools	
Standard Value (Unit: mm)	X=0.1 to 0.5 mm

1. Turn off the power.
2. Turn the knob for Cam Motor clockwise and make the Conveyor Arm to top position.
3. At this top position, adjust Coin Stack Post height by adding or removing adjustment washer ($\phi 6 \times 12 \times 0.5, 0.2, 0.1$) so that the gap is X. Be sure Coin Stack Post does not make a contact with Shutter.
4. Fix Coin Stack Post by Nut A so that the hole of Coin Stack Post faces front when it is wrapping position.

Note:

When fixing Nut A, make the Conveyor Arm to home position. Then fix Nut A.

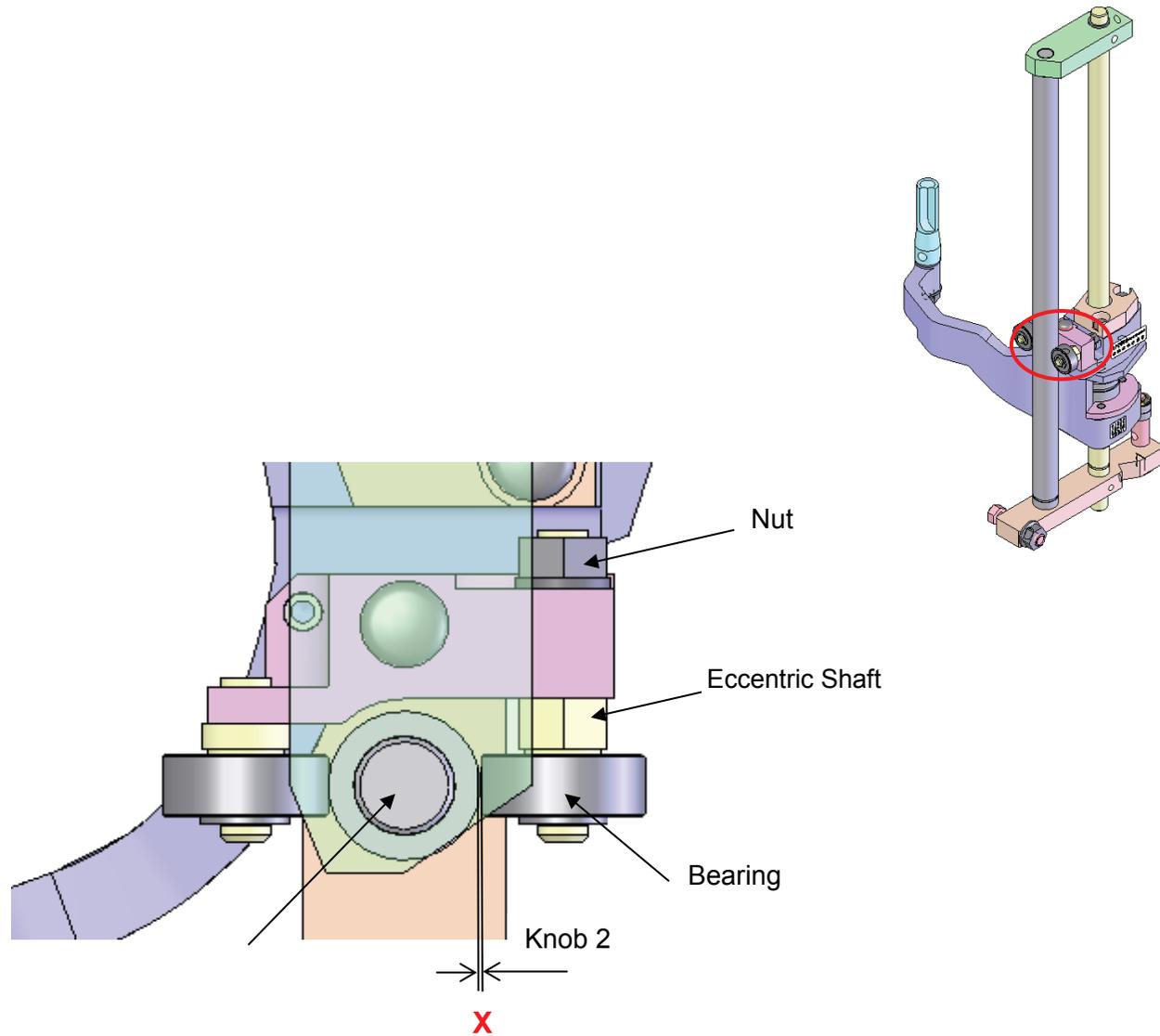


4-3. Wrapping Section Adjustment

4-3-5A. Adjustment of Arm Guide Shaft Gap

Related Problem	Paper Jam, Abnormal wrapping
Work Time	minutes
Special Tools	Thickness Gauge
Standard Value (Unit: mm)	X=0 to 0.05 mm

1. Loosen Nut.
2. Turn Eccentric Shaft so that the gap of Arm Guide Shaft and Bearing is X.
3. Fix Eccentric Shaft by Nut.

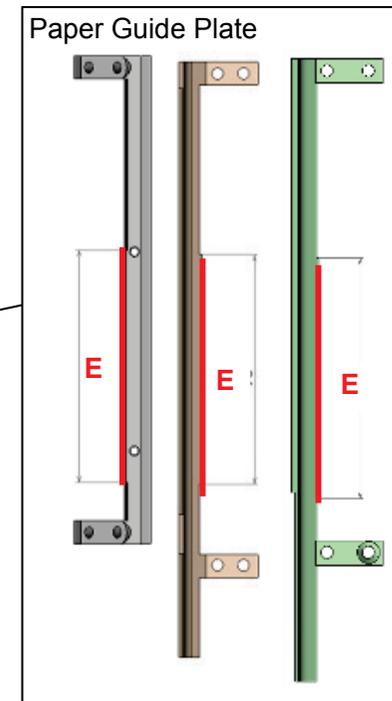
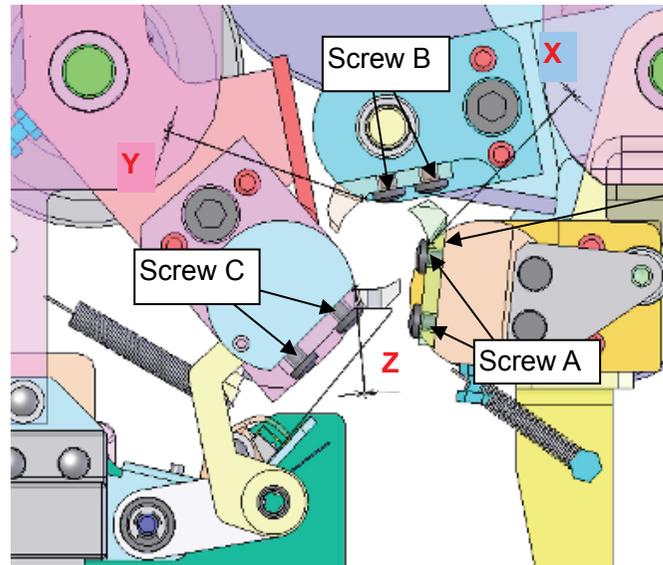
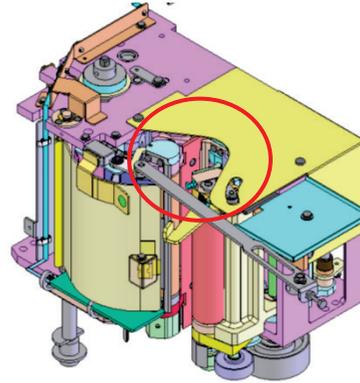


4-3. Wrapping Section Adjustment

4-3-6A. Adjustment of Paper Guide Plate Gap

Related Problem	Paper Jam, Abnormal wrapping
Work Time	minutes
Special Tools	Thickness Gauge
Standard Value (Unit: mm)	X=0.05 to 0.07 mm, Y=0.05 to 0.07 mm Z=0.08 to 0.1 mm

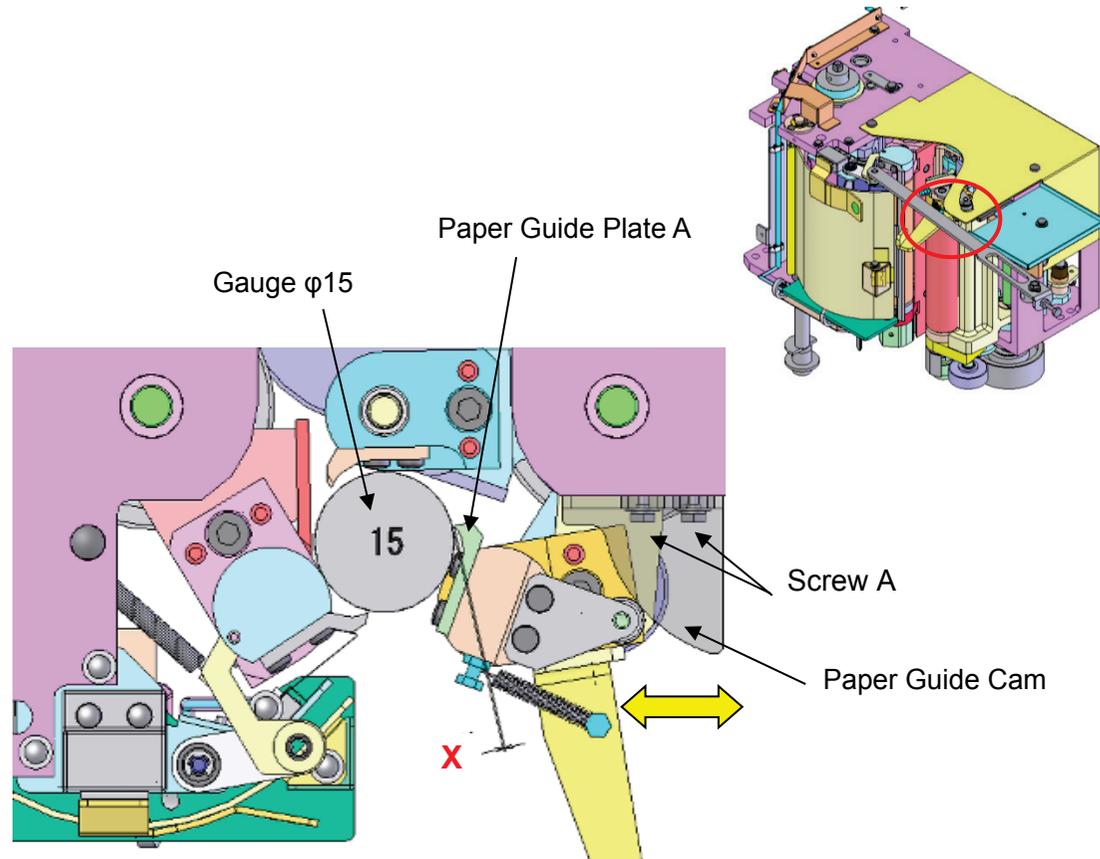
1. Fix each Paper Guide Plate by 4 pcs each of Screw A, B and C so that the gap between E part of Paper Guide Plate and wrapping rollers are X, Y, Z.



4-3. Wrapping Section Adjustment

4-3-7A. Adjustment of Paper Guide Plate (A) Position

Related Problem	Paper Jam, Abnormal wrapping
Work Time	5 minutes
Special Tools	Thickness Gauge GAUGE15($\phi 33$)
Standard Value (Unit: mm)	$X=0.5 + \text{or} - 0.1 \text{ mm}$
<ol style="list-style-type: none">1. Open Roller Case by Manual Lever and put Gauge 15 ($\phi 33$).2. Slightly loosen Screw A3. Adjust Paper Guide Plate (A) Position by moving Paper Guide Cam to the direction indicated by arrow mark so that the gap of Gauge 15 ($\phi 33$) and Paper Guide Plate (A) is X.4. Place Gauge $\phi 15$ in the rollers. Make sure there is no interference to Paper Guide Plate (A).	
<p>Note: If the gauge is not available, use the largest diameter of coin roll for this adjustment.</p>	



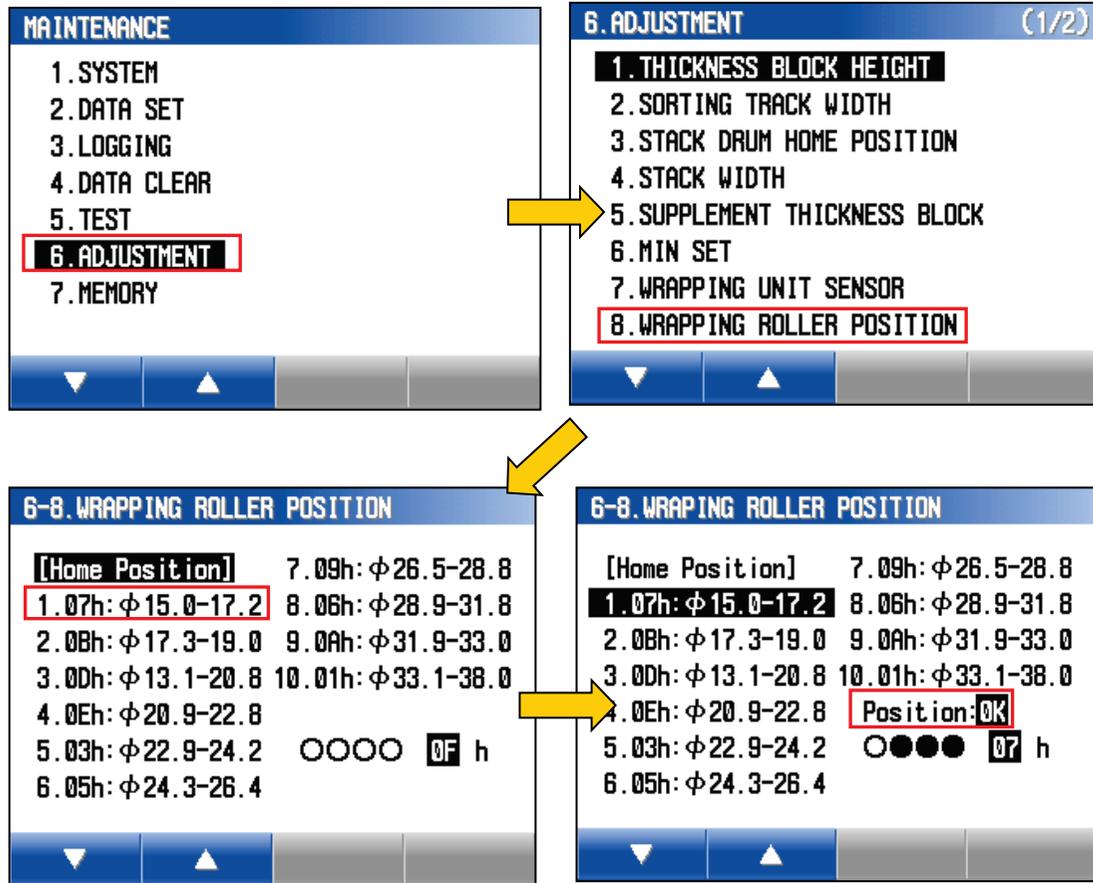
4-3. Wrapping Section Adjustment

4-3-8A. Adjustment of Paper Guide Plate E (1/2)

Related Problem	Paper Jam
Work Time	5 minutes
Special Tools	
Standard Value (Unit: mm)	

1. Enter Maintenance Mode.
2. Select menu as following and select 8. WRAPPING ROLLER POSITION. Perform 1. 07h: ϕ 15.0-17.2.
3. When Wrapping Roller Position setting completes, turn off the power switch.

Next Page.

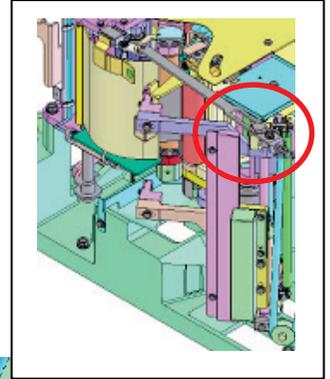
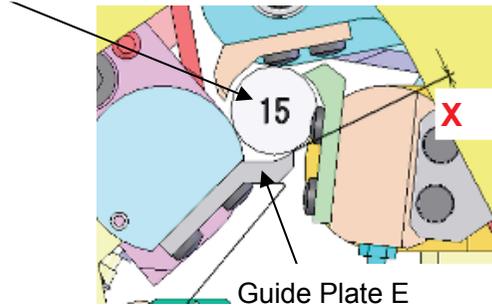
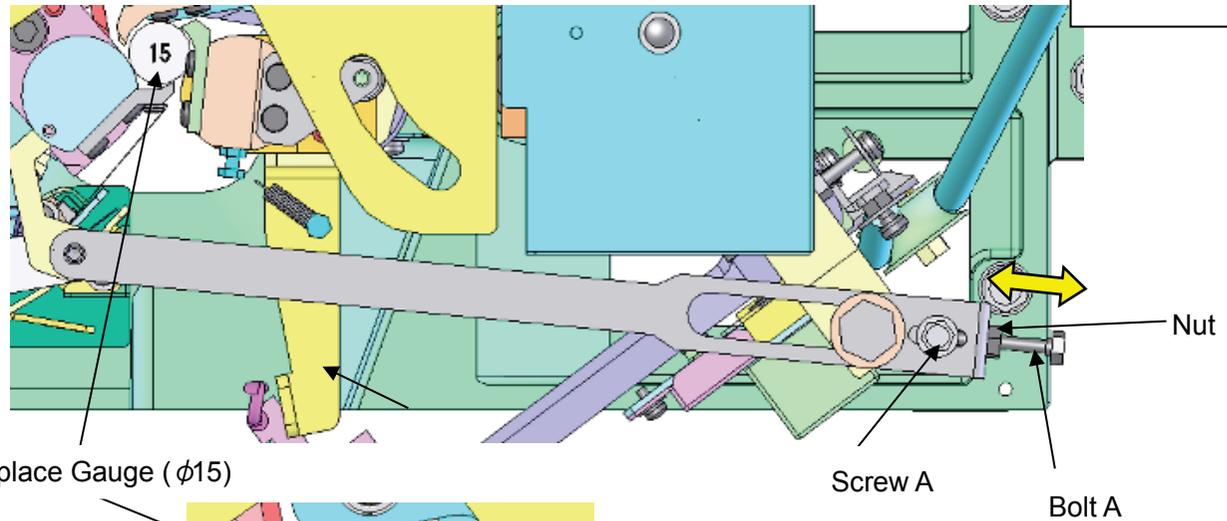


4-3. Wrapping Section Adjustment

4-3-8A. Adjustment of Paper Guide Plate E (2/2)

Related Problem	Paper Jam
Work Time	5 minutes
Special Tools	
Standard Value (Unit: mm)	X=0 to 0.2mm

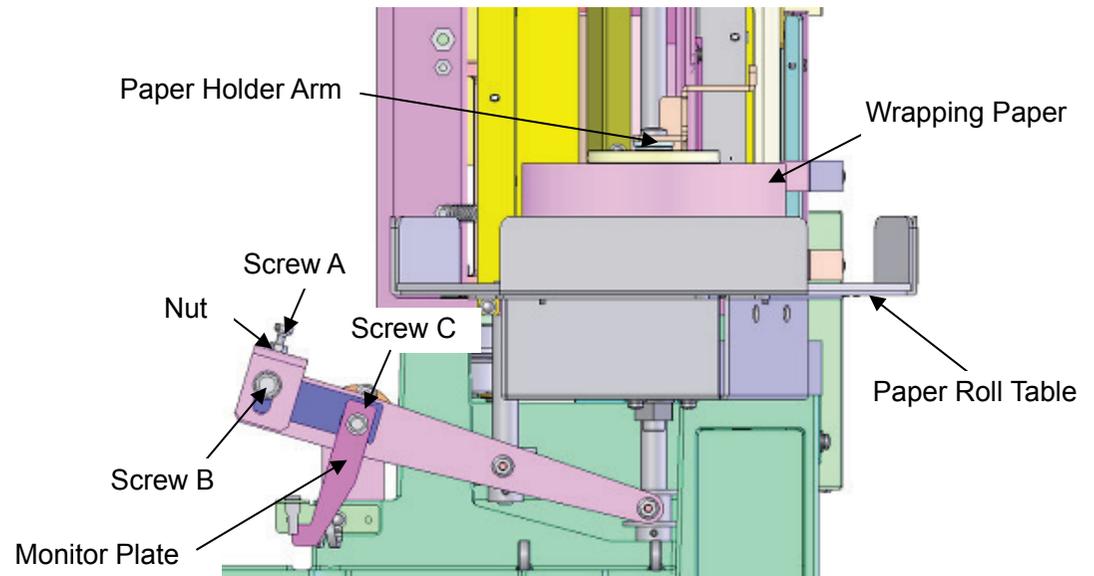
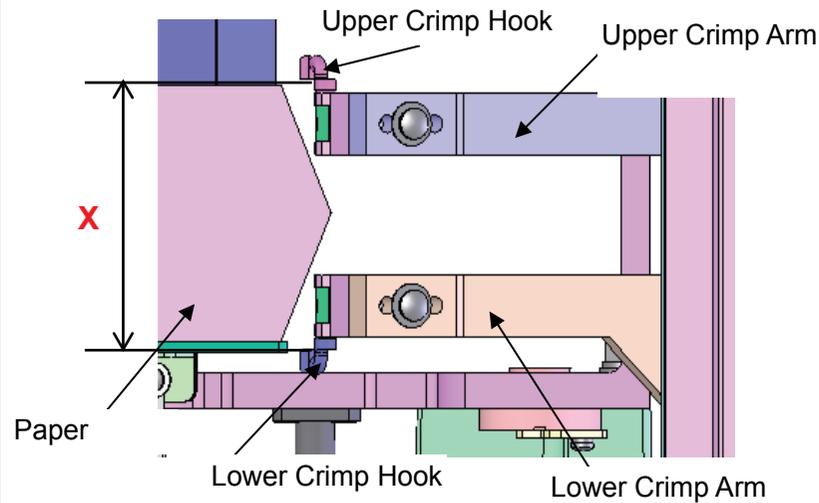
4. Open Stack Drum and place Gauge ($\phi 15$) on Shutters.
5. Turn the knob for Cam Motor manually clockwise and make Coin Stack Post to top position.
6. Open Shutters manually and place Gauge ($\phi 15$) on Coin Stack Post. Turn the knob further more and make Coin Stack Post to wrapping position. So Paper Guide Plate E closes.
7. As the illustration on the right, loosen Screw A and Nut.
8. Adjust Paper Guide Plate E position by Bolt A so that the crossset position of Paper Guide Plate E and Gauge ($\phi 15$) is X. Fix Bolt A by Nut and Screw A.
9. Open Roller Case by Manual Lever and remove the Gauge. Turn the knob for Cam Motor to home position.



4-3. Wrapping Section Adjustment

4-3-9A. Adjustment of Upper Crimp Arm

Related Problem	Wrapping failure
Work Time	5 minutes
Special Tools	
Standard Value (Unit: mm)	$X = (\text{Paper Roll Width} + 3\text{mm}) \pm 0.5\text{mm}$
<ol style="list-style-type: none"> Place Paper Roll to Paper Roll Table and hold it by Paper Holder Arm as the illustration on the right. Turn the knob for Cam Motor clockwise and make Upper and Lower Crimp Arm to wrapping position. Pull out Paper Roll to wrapping section as the illustration on the right. Loosen Screw B and Nut. Adjust Upper Crimp Arm position by Screw A so that the height of Upper Crimp and Lower Crimp is X. Fix Screw A by Screw B and Nut. <p>Note: After this adjustment, perform 4-4-5 Adjustment of Paper Roll Set Detection.</p>	

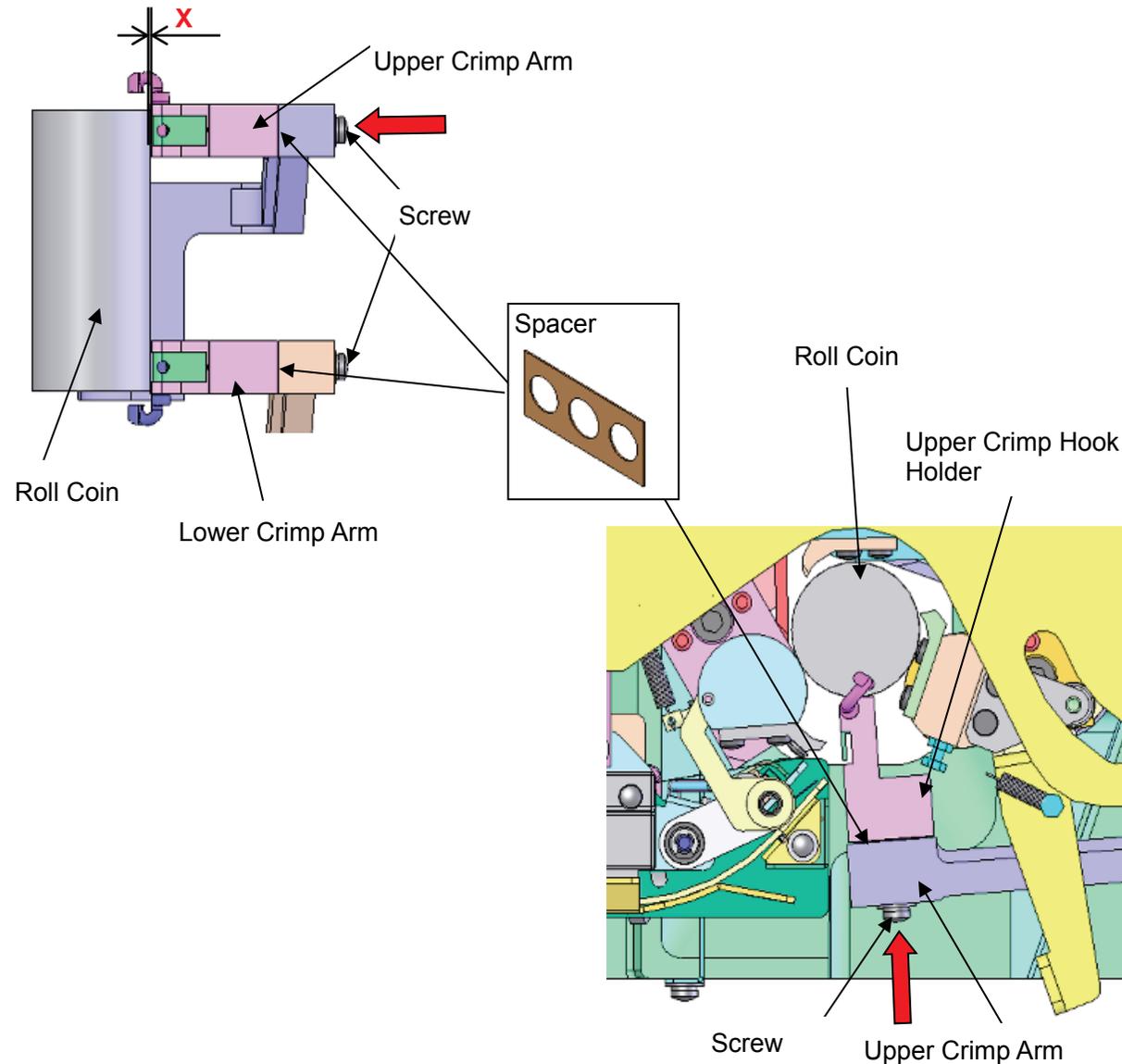


4-3. Wrapping Section Adjustment

4-3-10A. Adjustment of Upper and Lower Crimp Arm Parallel

Related Problem	Crimping abnormality
Work Time	5 minutes
Special Tools	Roll Coin
Standard Value (Unit: mm)	X=0 to 0.1mm

1. Set the denomination which prepared Roll Coin.
2. Turn off the power.
3. Set Paper Roll and put Paper Holder Arm.
4. Open Stack Drums and put Roll Coin on the Shutter.
5. Turn the knob for Cam Motor clockwise. Make Coin Stack Post to top position and open Shutter to put the Roll Coin on Coin Stack Post. Turn the knob further more to make Upper / Lower Crimp Arm to get into Roller Case. So Crimp Hook Holders make a contact with Roll Coin.
6. Press Upper and Lower Crimp Arm to the direction indicated by red arrow mark. Make sure the play at Upper Crimp Arm is X.
7. If there is play at Lower Crimp Hook Holder or Upper Crimp Hook Holder more than X, Adjust either Crimp Hook Holder by placing Spacer between Crimp Hook Holder and Crimp Arm.

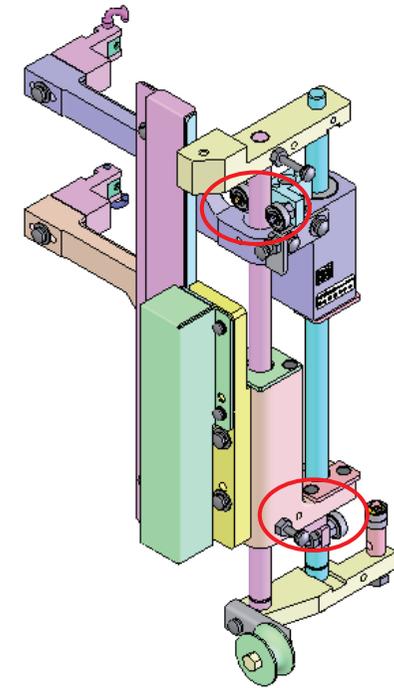
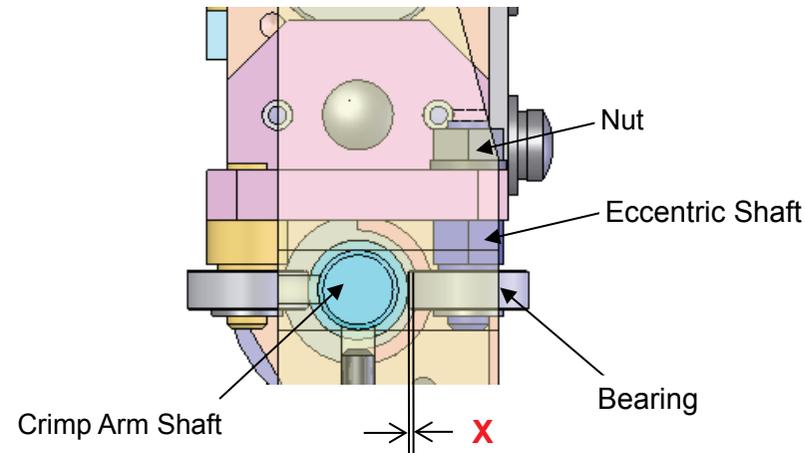
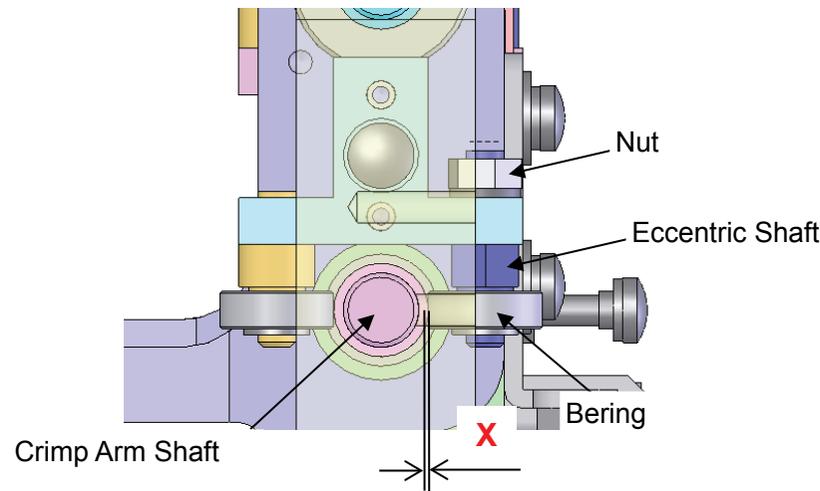


4-3. Wrapping Section Adjustment

4-3-11A. Adjustment of Crimp Arm Shaft Gap

Related Problem	Crimping abnormality
Work Time	5 minutes
Special Tools	Thickness Gauge
Standard Value (Unit: mm)	X=0 to 0.05mm

- Loosen Eccentric Shaft.
- Turn Eccentric Shaft so that the gap of Crimp Arm Shaft and Bearing on Upper Crimp Arm ASY is X.
Fix Eccentric Shaft by Nut.
- Turn Eccentric Shaft so that the gap of Crimp Arm Shaft and Bearing on Lower Crimp Arm ASY is X.
Fix Eccentric Shaft by Nut.



4-3-12A. Crimp Hook Adjustment

Related Problem	Crimping abnormality
Work Time	5 minutes
Special Tools	Thickness Gauge
Standard Value (Unit: mm)	X=1.5 to 1.8mm Y=3.0 + or - 0.5mm

1. Adjust Upper / Lower Crimp Hook accord to the illustration on the right. Fix Crimp Hook by Hexagon Screw.
2. Make Roll Coin and make sure the quality of crimping.

