

TALENT

Button Making Machine

—— Assembly and Operation Guidelines

- **Assembling the Button Making Machine**
- **Assembling the Pneumatic Button Making Machine**
- **Assembling and using the Clock Punch**
- **How to:**
 - make a Pin Button/ Magnet Button
 - make a Bottle Opener with Magnet
 - make a Pin Clip Button
 - make a Hanger Button
 - make a Keychain and Mirror Keychain
 - make a 100 mm/ 110 mm Clock
 - make a 100 mm/ 110 mm Mirror Button
 - make 158 mm Products
 - make 250 mm Products
 - make an Angular Button using SDHP-N12
 - use the Multi-sheet Press Cutter
- **Graphic Requirements**



Button Making Machine Assembly Instructions



1. Install the acrylic board: using the washer screw to fix the machine body on the acrylic board.

2. Fix the handle: fix the handle on the machine body.

3. Install the mould

A. Install the upper mould: insert the upper mould into the upper hole, then the upper mould will be adsorbed in the machine.

B. Place mould A into symbol "A" slot and mould B into symbol "B" slot.

C. Location pins for mould A & B should be located inside of the machine body

- Assembly is completed

Note: When using the large 100/110mm mould, the location pin is placed outside of the machine main body.

Making a Hexagonal Pin Button using SDHP-S1



A. Place a shell into A mould with the sharp edge facing downward. Place the graphic on the shell. Place the mylar on top of the graphic. Line up the top of the graphic to the location pin for correct orientation.

B. Rotate the mould table until the upper mould is facing to A mould. Hold the button making machine by one hand, and pull the handle down as far as it will go and raise it back up to its rest position.

C. Place a pin back into B mould with the sharp edge facing up. Line up the top of the back slightly to the location pin for correct orientation.

D. Rotate the mould table until the upper mould is facing to B mould. Pull the handle down as far as it will go and raise it back up to its rest position.

E. Remove the finished button from B mould.

Making a Versa – Back Keychain using SDHP-S1



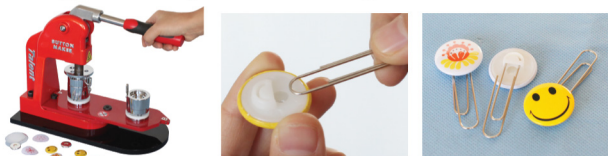
- Place a shell into A mould with the sharp edge facing downward. Place the graphic on the shell. Place the mylar on top of the graphic.
- Rotate the mould table until the upper mould is facing to A mould. Hold the button making machine by one hand, and pull the handle down as far as it will go and raise it back up to its rest position.
- Put a gasket in B mould (For 32/37mm only, 25mm no gasket). Place a back into B mould with the sharp edge facing up.
- Rotate the mould table until the upper mould is facing to B mould. Pull the handle down as far as it will go and raise it back up to its rest position.
- Remove the finished button from B mould. Insert the versa-back keychain into the back hole.

Making Keychain Series and a Pen using SDHP-S1



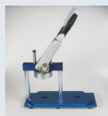
- Step A,B,C,D refer to the instruction of Versa – Back Keychain
- Remove the finished button from B mould. Stick the finished button(s) to the keychain or pen.

Making a Pin Clip Button using SDHP-S1



- Place a shell into A mould with the sharp edge facing downward. Place the graphic on the shell. Place the mylar on top of the graphic. Line up the top of the graphic to the location pin for correct orientation.
- Rotate the mould table until the upper mould is facing to A mould. Hold the button making machine by one hand, and pull the handle down as far as it will go and raise it back up to its rest position.
- Place a pin clip back into B mould with the sharp edge facing up. Line up the top of the back slightly to the location pin for correct orientation.
- Rotate the mould table until the upper mould is facing to B mould. Pull the handle down as far as it will go and raise it back up to its rest position.
- Remove the finished button from B mould. Insert the clip into the hole of the finished button.

Button Making Machine Assembly Instructions SDHP-N3/SDHP-N4



- A. Place the upper mould in the T-part
- B. Ensure fixing pin aligns with the hole in the T-part
- C. Place Mould A into symbol "A" slot and Mould B into symbol "B" slot

D. Location pins for both Mould A & B should be located inside of the machine main body

-Assembly is complete.-

Note: When using the large 100/110 mm mould, the location pin is placed outside of the machine main body.

Making a Pin Button / a Magnet Button / a Bottle Opener with Magnet using SDHP-N3



A. Place a shell into A mould with the sharp edge facing downward. Place the graphic on the shell. Place the mylar on top of the graphic. Line up the top of the graphic to the location pin for correct orientation.

B. Rotate the mould table until the upper mould is facing to A mould. Hold the button making machine by one hand, and pull the handle down as far as it will go and raise it back up to its rest position.

C. Place a pinned back or a magnet back or a bottle opener back into B mould with the sharp edge facing up. Line up the top of the back slightly to the location pin for correct orientation. When making the metal back pin button, the magnet button, (32/37/44/58/65/75mm), the bottle opener(58/65mm), a gasket need to be put in B mould.

D. Rotate the mould table until the upper mould is facing to B mould. Pull the handle down as far as it will go and raise it back up to its rest position.

E. Rotate the mould table again to remove the finished button.



1、 Draw down the upper mould when changing it. Mind your fingers in case of mould dropping-off.

2、 Do not put your fingers between the upper mould and the bottom moulds, in case hurting your fingers.

Making a Keychain / a Bottle Opener Keychain using SDHP-N3



A. Place a shell into A mould with the sharp edge facing downward. Place the graphic on the shell. Place the mylar on top of the graphic. Line up the top of the graphic against to the hole of B mould for correct orientation.

B. Rotate the mould table until the upper mould is facing to A mould. Hold the button making machine by one hand, and pull the handle down as far as it will go and raise it back up to its rest position.

C. Place a keychain back (sharp side up) into B mould, and make the chain through the hole of B mould.

D. Rotate the mould table until the upper mould is facing to B mould. Pull the handle down as far as it will go and raise it back up to its rest position.

E. Finish the keychain button. For 44mm old type keychain and 58mm keychain press the back cover into the keychain back.


Making a Mirror Keychain using SDHP-N3



Step **A.B** refer to the instruction of keychain.

C. Place a collet keychain (sharp side up), mirror (reflective side down), then a slightly bent shim into B mould. Make the chain through the hole of B mould.

D. Rotate the mould table until the upper mould is facing to B mould. Pull the handle down as far as it will go and raise it back up to its rest position. Finish the mirror keychain and remove the finished button.

 ***How to make a mirror button, please refer to the instruction of mirror keychain.**

Making a 100 mm/ 110 mm Mirror Button using SDHP-N4




Step A & B: Refer to the instruction of pin badge by SDHP-N3. The procedures as below are started from step C.

- C、**Mirror**: Place a collet (sharp side up), mirror which is pasted a sponge cushion on the back (reflective side down) into B mould. Line up the top of the collet slightly to the location pin for correct orientation.
- D、Rotate the mould table until the upper mould is facing to B mould. Pull the handle down as far as it will go and raise it back up to its rest position.
- E、Remove the mirror button from B mould. Assemble the mirror leg and finish the mirror button.

Clock:

- C、Place a clock back (sharp side up) into the crimp mould. Line up the top of the clock back slightly to the location pin for correct orientation.
- D、Rotate the mould table until the upper mould is facing to B mould. Pull the handle down as far as it will go and raise it back up to its rest position.
- E、Remove the clock from the crimp mould. Punch a hole in the centre of the clock button by hole machine for clock. (See the instruction of Clock Punch)
- F、Assemble the clock mechanism, the rubber gasket, the punched clock button, the plastic gasket, the clock arms (hour/minute/second) in order.
- G、Finish the clock button. The clock button can be used when a 1.5V battery provided.

 For 110mm mould, put the shell into B mould and the back into A mould.

Making a 158 mm Mirror/Clock/Photo Stand using SDHP-2



Step A&B: Refer to the instruction of pin badge by SDHP-N3. The procedures as below are started from step C.

Mirror:

- C、Place the 10mm metal gasket, a collet (sharp side up), mirror which is pasted a sponge cushion on the back (reflective side down) into B mould. Line up the top of the collet to the location pin for correct orientation.
- D、Rotate the mould table until the upper mould is facing to B mould. Pull hard the handle down as far as it will go and raise it back up to its rest position.
- E、Remove the mirror button from B mould. Assemble the mirror leg and finish the mirror button.

Photo stand :

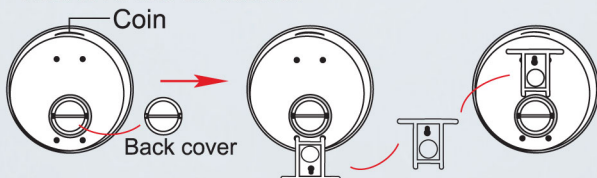
- C、Place the 15mm metal gasket, a photo stand back (sharp edge up) into B mould.
- D、Rotate the mould table until the upper mould is facing to B mould. Pull hard the handle down as far as it will go and raise it back up to its rest position.
- E、Rotate the mould table again to remove the finished button.

Clock:

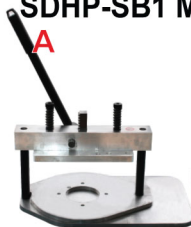
Refer to the steps of making a 100/110mm clock using SDHP-N4

Saving Box :

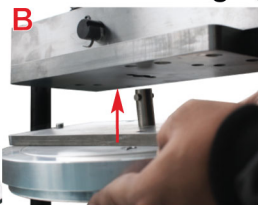
- A,B,C&D: Refer to step A–D of the instruction of 158 clock.
- E、Remove the coin saving box from B mould, and fix the back cover and the stander.



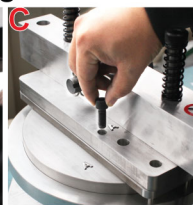
SDHP-SB1 Mould Interchanging Instruction



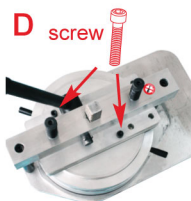
Machine body.



Place the upper mould.



Insert the fix screw.
(158 mould no need)



Position of screw
inserted.

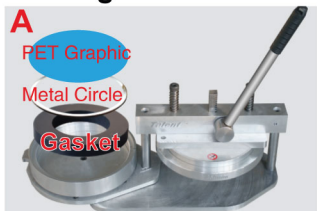


Place the bottom mould
in the mould table.



interchangeable moulds:
diameter 158/250/350mm

Making a 250mm LED Sign using SDHP-SB1



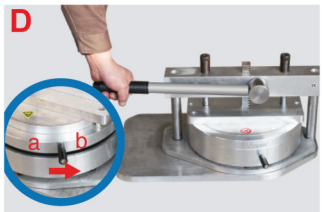
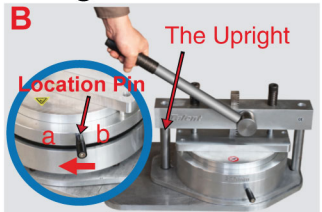
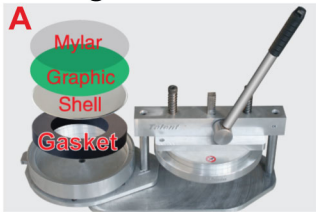
A. Place the thicker gasket into bottom mould. Place a metal circle into bottom mould with the sharp edge facing downward. Place the PET graphic on the metal circle. Line up the top of the graphic to the upright for correct orientation.

B. Rotate the mould table anticlockwise until the upper mould is facing to the bottom mould. Push the location pin clockwise. Hold the button making machine by one hand, and pull the handle down as far as it will go and raise it back up to its rest position.

C. Rotate the mould table. Take thicker gasket out, and then place a LED sign back into the bottom mould with the sharp edge facing upward. Place the top of the LED sign 5 degree left to the upright for correct orientation.

D. Rotate the mould table anticlockwise until the upper mould is facing to bottom mould. Pull the handle down as far as it will go and raise it back up to its rest position.

Making a 250mm Clock using SDHP-SB1



- A.** Place the thicker gasket into bottom mould. Place a shell into bottom mould with the sharp edge facing downward. Place the graphic on the shell. Place the mylar on top of the graphic. Line up the top of the graphic to the upright for correct orientation.
- B.** Rotate the mould table anticlockwise until the upper mould is facing to the bottom mould. Push the location pin clockwise. Hold the button making machine by one hand, and pull the handle down as far as it will go and raise it back up to its rest position.
- C.** Rotate the mould table. Take the thicker gasket out. Place the thinner gasket (concave upwards), a clock back (sharp side up) into the bottom mould. Place the top of the clock back 5 degree left to the upright for correct orientation.
- D.** Rotate the mould table anticlockwise until the upper mould is facing to bottom mould. Push the location pin anticlockwise. Pull the handle down as far as it will go and raise it back up to its rest position.
- E.** Remove the clock from the bottom mould. Punch a hole in the centre of the clock button by hole machine for clock.
- F.** Assemble the clock mechanism, the rubber gasket, the punched clock button, the plastic gasket, and the clock arms (hour/minute/second) in order.

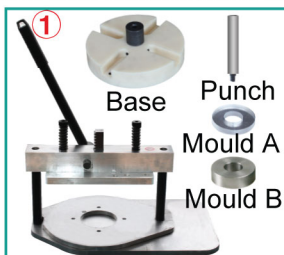
Making a 250mm Photo Stand using SDHP-SB1



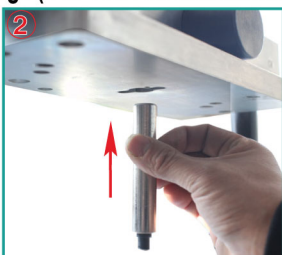
Step **A.B** refer to the instruction of clock

- C.** Rotate the mould table. Take the thicker gasket out. Place the thinner gasket (concave upwards), a photo stand back (sharp side up) into the bottom mould. Place the top of the photo stand back 5 degree left to the upright for correct orientation.
- D.** Rotate the mould table anticlockwise until the upper mould is facing to bottom mould. Pull the handle down as far as it will go and raise it back up to its rest position.
- E.** Rotate the mould table again to remove the finished button.

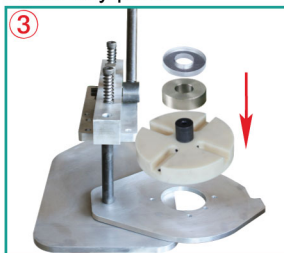
Clock Punch Installation and Usage (For 100/110/158/250/350mm)



Assembly parts



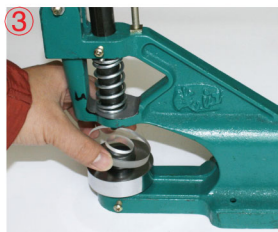
Place the punch into the machine body.



Place base ,mould B & A into machine table. Press the finished clock to punch a hole.



Clock Punch Installation and Usage (For 100/110/158mm)



- 1、 Fix the press handle with the screw.
- 2、 Place a 158 cutting mould on the punch machine base for punching a 158mm clock.
- 3、 Place a 158 cutting mould and 100/110 cutting mould on the punch machine base for punching a 100/110mm clock.
- 4、 Place the finished clock (surface up) over the cutting mould horizontally. Pull hard the press handle down until punching a hole on the surface of the clock.

SDHP-1 Button Making Machine Assembly Instructions



1. Machine body 2. Acrylic board 3. Screws for fixing the machine body on the acrylic board 4. Gasket 5. Hexagon Spanner 6. Handle
7. Upper mould 8. A mould 9. B mould 10. Slide board 11. Slidetrough
* A mould and B mould are the bottom moulds.

- 1 Install the acrylic board: using the screw to fix the machine body on the acrylic board.
2 Fix the handle: fix the handle on the machine body.
3 Install the mould
A、 Pull the handle down, and insert the upper mould into the upper hole. The upper mould
B、 Up the upper mould, then insert the bottom moulds through the slide trough.
C、 Insert the location pin into the left hole of the slide board.




SDHP-N1 Button Making Machine Assembly Instructions

Refer to Step1&2 of SDHP-1 installation to install the acrylic board and the handle.

- A、 Install the upper mould: insert the upper mould into the upper hole, then the upper mould will be adsorbed in the machine.
B、 Install A mould: fix A mould on the left slot of the slide.
C、 Install B mould: fix the B mould on the right slot of the slide
D、 Complete the installation. Fasten the location pins in both side of slide.



 Don't use too much pressure when changing the upper mould, mind your fingers.

Making a Keychain / a Bottle Opener Keychain using SDHP-N1



A. Place a shell into A mould with the sharp edge facing downward. Place the graphic on the shell. Place the mylar on top of the graphic. Line up the top of the graphic to the hole of B mould for correct orientation.

B. Push the slide board to right until the upper mould is facing to A mould. Hold the button making machine by one hand, and pull the handle down as far as it will go and raise it back up to its rest position.

C. Place a keychain back (sharp side up) into B mould, and make the chain through the hole of the crimp mould.

D. Push the slide board to left until the upper mould is facing to B mould. Pull the handle down as far as it will go and raise it back up to its rest position.

E. Finish the keychain button. For 44mm old type keychain and 58mm keychain press the back cover into the keychain back.

Making a Mirror Keychain using SDHP-1



Step **A.B** refer to the instruction of Keychain.

C. Place a collet keychain (sharp side up), mirror (reflective side down), then a bent shim in an obtuse angle into B mould. Make the chain through the hole of B mould.

D. Push the slide board to left until the upper mould is facing to B mould. Pull the handle down as far as it will go and raise it back up to its rest position.

E. Push the slide board to right, and remove the finished button.



How to make a mirror button, please refer to the instruction of mirror key chain.

Making a Pin Button / a Magnet Button / a Bottle Opener with Magnet using SDHP-N1



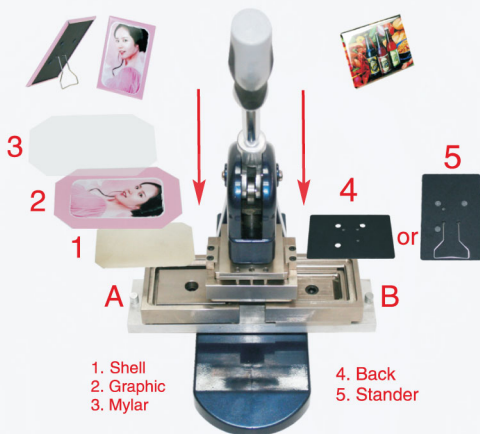
- A. Place a shell into A mould with the sharp edge facing downward. Place the graphic on the shell. Place the mylar on top of the graphic. Line up the top of the graphic to the Location pin for correct orientation.
- B. Push the slide board to right until the upper mould is facing to A mould. Hold the button making machine by one hand, and pull the handle down as far as it will go and raise it back up to its rest position.
- C. Place a pinned back or a magnet back or a bottle opener back into B mould with the sharp edge facing up. Line up the top of the back slightly to the location pin for correct orientation. When making the metal back pin button, the magnet button (32/37/44/58/65/75mm), the bottle opener(58/65mm), a gasket need to be put in B mould.
- D. Push the slide board to left until the upper mould is facing to B mould. Pull the handle down as far as it will go and raise it back up to its rest position.
- E. Push the slide board to right to remove the finished button.

Making a Hanger Button using SDHP-N1



- A. Place a shell into A mould with the sharp edge facing downward. Place the graphic on the shell. Place the mylar on top of the graphic. Line up the top of the graphic against to the hole of B mould for correct orientation.
- B. Push the slide board to right until the upper mould is facing to A mould. Hold the button making machine by one hand, and pull the handle down as far as it will go and raise it back up to its rest position.
- C. Place a hanger back (sharp side up) into B mould, and make the hanger through the hole of B mould.
- D. Push the slide board to left until the upper mould is facing to B mould. Pull the handle down as far as it will go and raise it back up to its rest position.
- E. Push the slide board to right to remove the finished button.

Making an Angular Magnet Button / Making an Angular Stand Button using SDHP-N12

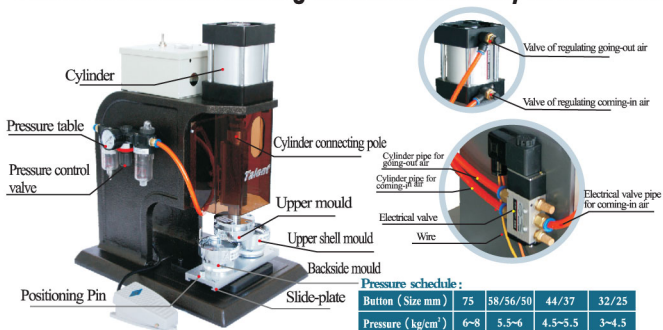


- Place a shell into A mould with the sharp edge facing downward. Place the graphic on the shell. Place the mylar on top of the graphic.
- Push the slide board to right until the upper mould is facing to A mould. Hold the button making machine by one hand, and pull the handle down as far as it will go and raise it back up to its rest position.
- Place a back or a back assembled with the stand into B mould.
- Push the slide board to left until the upper mould is facing to B mould. Pull the handle down as far as it will go and raise it back up to its rest position.
- Push the slide board to right, and remove the button.
- Apply a stick magnet to the back of the button to finish the magnet button.

User's Instructions for Multi-sheet Press Cutter



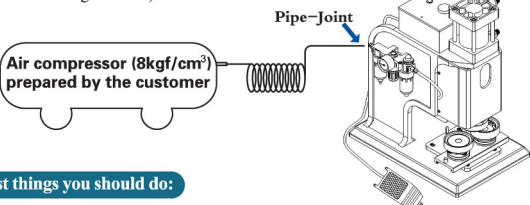
Pneumatic Button Making Machine Assembly Instructions



Guidelines for the regulating the New pneumatic Button-making machine



- (Pic.1)Regulating Valve of the cylinder. Above valve for going-out air, below valve for coming-in air.
- (Pic.2)Pipe-Joint (Air-compressor connect to the button machine)
- (Pic.3)Above is Pressure table, below is Pressure control-valve (put it down, clockwise turn for lower pressure, anticlockwise turn for higher pressure)
- (Pic.4)Above is Time-delay relay (regulate the working speed of making buttons). Below is Power switch.



First things you should do:

- Step1: Prepare an air-compressor(not offered with the button machine)like the one in the right picture
- Step2: Connect the air-compressor to the button-making machine with the pipe(dia 8mm, 5m long pipe is offered with the machine)
- Step3: Fix the upper mould into T-part
Fix A mould into Symbol "A" slot, and fix B mould into Symbol "B" slot.
- Step4: Connect the wire, insert the plug into the socket, switch on the air-compressor and the button making machine
- Step5: Regulate the pressure: pull down the pressure-regulating valve, move it left or right to choose the pressure NO. you need(refer to the pressure schedule), then push up the valve
- Step6: Regulate the working speed: The time-delay relay can control the working speed of making a button. Turning the button of the relay to choose the speed you like. NO.0 means "not work",NO.2 means 1press/2seconds, and so on(working speed can be regulated according to your preference)
- Step7: Start to make

Solutions to possible problems when making the buttons:

1. The upper shell cannot connect to the backside: Pressure is too low, regulate it higher
2. The upper shell can connect to the backside, but not so tightly: Pressure is a little low, regulate is higher or turn the "Cylinder connecting pole" clockwise slightly
3. The upper shell cannot connect to the backside, the upper shell and the art-paper are broken:The upper mould is not in line with down mould. Loosen(don't let go out) the middle screws in the down moulds(left and right), make the upper mould press the down Mould few times, then tighten the middle screws
4. The upper shell connects to the backside, but the edge of the art-paper is a little broken or partly going out: The pressure is too high, regulate it lower

垫圈使用指南

Gasket User Guide

品名 ITEM	是否有 垫圈 GASKET	金属胸卡 METAL PIN BUTTON	塑料胸卡 PLASTIC PIN BUTTON	磁铁卡 MAGNET BUTTON	旋转 钥匙扣 VERSA BACK	蘑菇卡 NEW MAGNET BUTTON	发饰 HAIR BUTTON	曲别针卡 PIN CLIP BUTTON	笔卡 PEN	鞋卡 SHOE LACE	四合扣 SNAP BUTTON	蝴蝶 扣卡 BUTTE RFLY	镜子 MIRROR BUTTON	开瓶器 BOTTLE OPENER	挂卡 ROPE TIE	钥匙链 KEY CHAIN	插卡 CLIP BUTTON	磁性夹 CLIP W MAGNET	挂钩 HANGER BUTTON	像卡 PHOTO STAND	钟表 CLOCK	储蓄 盒 COIN BOX	灯箱 LED SIGN	灯箱 钟表 LED CLOCK
型号 S I Z E	20	NO		×					×															
	25	NO	×	×	×	×	×	×	×	×	×	×												
	32	YES	√	×	√	√	×	×	√	×	√	√												
	37	YES	√	×	√	√	×	×	√		√	√				×								
	40	NO	×		×																			
	44	YES	√	★	√							√	√		×	×	×	×	×					
	50	NO	×		×							×	×			×	×							
	56	YES	√	√	√							√	√	√	√	√	√		×					
	58	YES	√	×	√							√	√	√	×	×	×	×	×					
	65	YES	√		√							√	√	√		×								
	75	YES	√	×	√							√	√		×		×			×				
	90	NO	×												×					×				
	100	YES	√										×		√					√	×			
	110	YES	√										×		√					√	×			
	158	YES		√ 厚 THICK									√ 薄 THINNER							√ 厚 THICK	×	×	×	×
	250	YES																		√ 厚 THICK	√ 厚 THICK		√ 薄 THINNER	×
	350	YES																		√ 厚 THICK	√ 厚 THICK		√ 薄 THINNER	×

备注 REMARKS:

- 空白代表没有卡 Blank means this item not available.
- ★44mm塑料胸卡：下卡带字的不需要使用垫圈，不带字的需要使用垫圈。44mm plastic pin button: back part with logo no need to use the gasket, without logo needs to use the gasket.
- 其他形状的模具均不带垫圈。Other shape molds all without gasket.