

# Mobile Phone Hinge

## HINGES FOR MOBILE DEVICE

We realized the low-cost performance and light-weight performance for a variety Of Mobile device. It is available to customize except for following three types of products

### SU HINGE



Explanation This HINGE has been used in Korea and

China as a standard type. Once you open 30°, it will be opened automatically to the range between 150 and 160°. This is fit for mobile device. This is more durable and reliable than previous type. Standard type in Korea and China.



### PU HINGE TYPE

Explanation This HINGE does not have free stop function. Instead, it can be full-opened by pressing the button.

### TR HINGE

Explanation This HINGE has been used in Japan as a standard type. This type has free-stop function. Most of parts are constructed of resin product. As a result, you will succeed the low-cost performance and the light-weight performance. Standard type in Japan.



## These are examples of our new products

### 1. Type S of PU HINGE

This type of product can be opened by pressing the right or left button arranged on the both sides (possible open range is between 0° and 160°)

- 1 Trial production is available
- 2 Out-side diameter is 8mm
- 3 We verified that the span of this product was at least more than 70,000 opening-closing actions according to the longevity test
- 4 We verified this product is strong enough according to the endurances
- 5 Patent application public open.

### 2. SU HINGE

This type of product can be opened by hand. Once you open about 30°, it will be opened until the end automatically.

- 1 Now we are working on two types of trial products : 5mm 5,8mm
- 2 These trial products will be completed by June 20th. Then all examination will be finished in the middle of July.

### 3. Type W of PU HINGE

This type product can be opened by pressing the both right and left buttons at the same time (possible open range is between 0° and 160°)

- 1 Trial production is available (By using the same trial production as Type F)
- 2 Out-side diameter is 7mm
- 3 We verified that the span of this product was twice as long as Type F according to the theoretical study
- 4 A point of advantage is the adjusting system for a pressure degree of the buttons
- 5 It will take a little time to study the possibility of the trial production making
- 6 Patent application

### 4. TR-HINGE

This type of HINGE is the most common and universally used in Japan recently. A point of advantage is low-cost performance.

- 1 Trial production is available
- 2 Out-side diameter is 5mm
- 3 Possible range of action 160°
- 4 We verified that the span of this product was at least more than 100,000 opening-closing actions according to the longevity test
- 5 The endurances tests are now in progress  
We highly recommend using 6mm"

We always keep our eyes open to user's reaction toward our products, We are always searching for the possibility of improving our products. We take any costumed order all the time. Right now we have been developing new products to satisfy three our clients' costumed orders.