

# SPRING HINGE

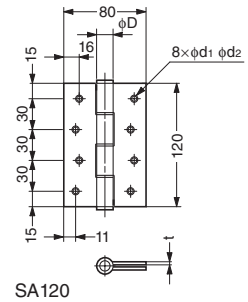


SA

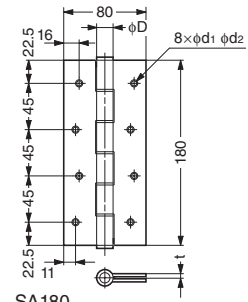


### Features

- Successfully passed 500,000 open/close cycles in a private test.
- Spring powered to automatically close.
- Spring strength is adjustable.
- All parts made from stainless steel (SUS304) for high corrosion resistance.

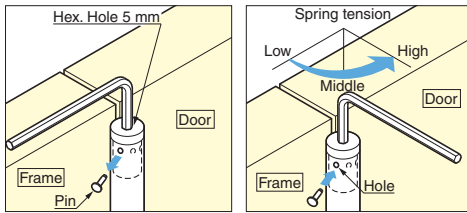


SA120



SA180

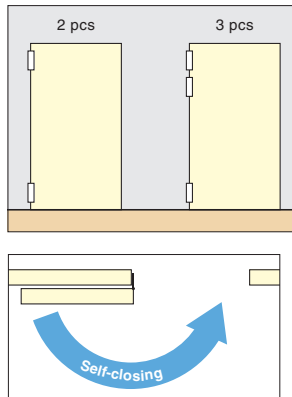
### How to Adjust Spring Tension



Loosen shaft with Hex key and remove the pin.

Adjust spring tension with three steps. Put the pin to the hole and fix.

### Installation

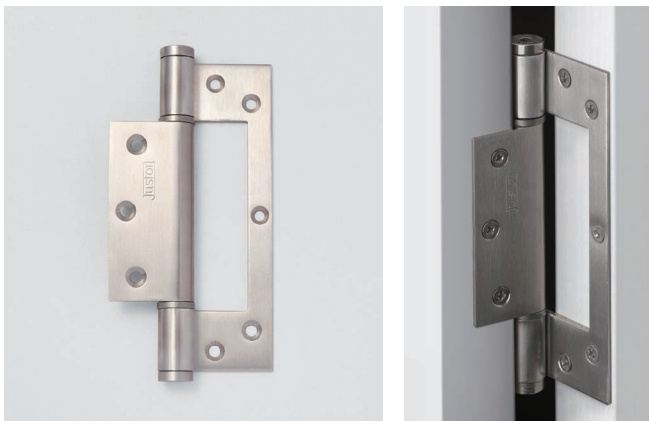


Item Code	Item Name	Material	Finish	D	t	d <sub>1</sub>	d <sub>2</sub>	Load Capacity (Door width Max. 1000 mm)	Weight	Box
170-090-810	SA120-5314-01	Aluminium Alloy	Anodized	16	4	5.3	10	196 N (20 kgf)/2 pcs	294 N (30 kgf)/3 pcs	191 g 2 pcs
170-090-811	SA180-5814-01	Aluminium Alloy	Anodized	16	4	5.3	10	392 N (40 kgf)/2 pcs	588 N (60 kgf)/3 pcs	276 g 2 pcs
170-090-812	SA120-5314-05	Stainless Steel (SUS304)	Plain	17	2.5	5.5	9	196 N (20 kgf)/2 pcs	294 N (30 kgf)/3 pcs	276 g 2 pcs
170-090-813	SA180-5814-05	Stainless Steel (SUS304)	Plain	18	3	5.5	9	392 N (40 kgf)/2 pcs	588 N (60 kgf)/3 pcs	570 g 2 pcs

# SPRING HINGE



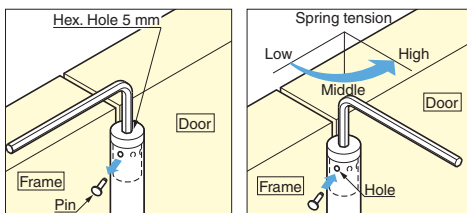
ST150-6314-05



### Features

- Successfully passed 500,000 open/close cycles in a private test.
- Spring powered to automatically close.
- Spring strength is adjustable.
- All parts made from stainless steel (SUS304) for high corrosion resistance.
- Easy surface installation does not require mortise.

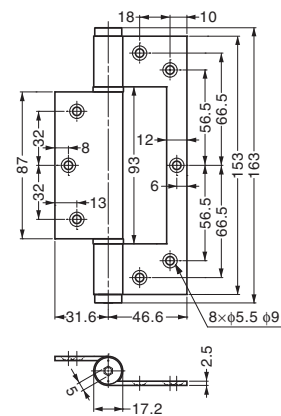
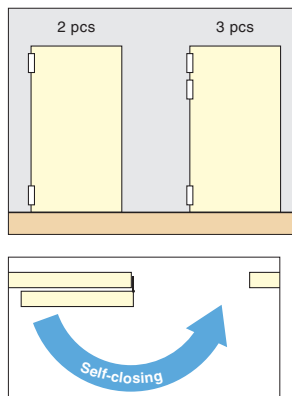
### How to Adjust Spring Tension



Loosen shaft with Hex key and remove the pin.

Adjust spring tension with three steps. Put the pin to the hole and fix.

### Installation



Item Code	Item Name	Material	Finish	Load Capacity (Door width Max. 1000 mm)	Weight	Box
170-022-486	ST150-6314-05	Stainless Steel (SUS304)	Plain	400 N (40 kgf)/2 pcs	600 N (60 kgf)/3 pcs	736 g 2 pcs