

SPRING HINGE

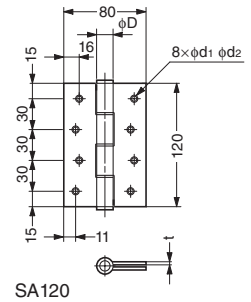


SA

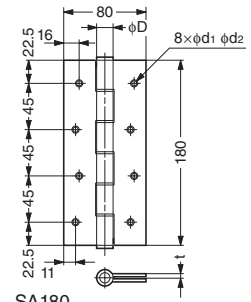


Features

- 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.

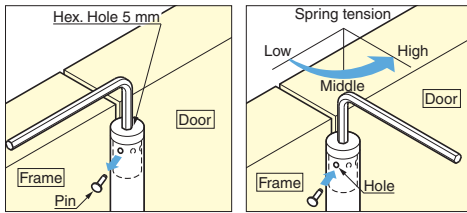


SA120



SA180

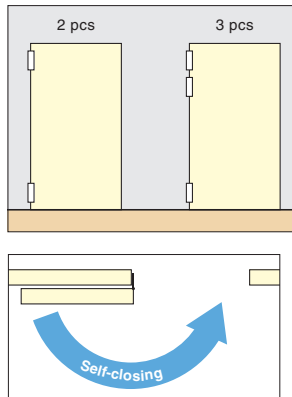
How to Adjust Spring Tension



Loosen shaft with Hex key and remove the pin.

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

Installation

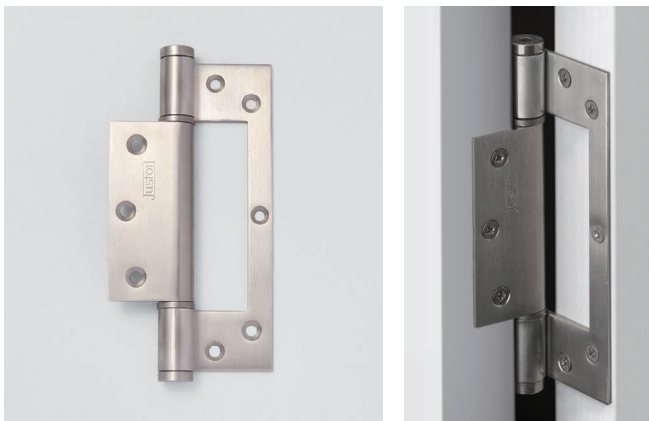


Item Code	Item Name	Material	Finish	D	t	d ₁	d ₂	Load Capacity (Door width Max. 1000 mm)	Weight	Box
170-090-810	SA120-5314-01	Aluminium Alloy	Anodized	16	4	5.3	10	196 N (20 kgf)/2 pcs	294 N (30 kgf)/3 pcs	191 g 2 pcs
170-090-811	SA180-5814-01	Aluminium Alloy	Anodized	16	4	5.3	10	392 N (40 kgf)/2 pcs	588 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

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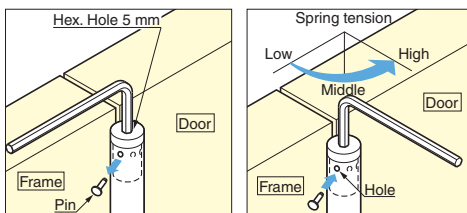
ST150-6314-05



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.

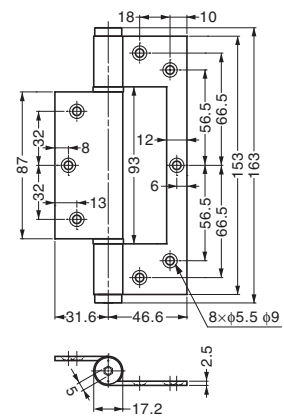
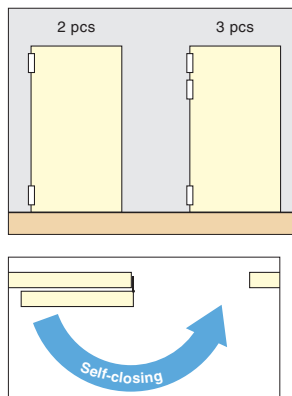
How to Adjust Spring Tension



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