SPRING HINGE ST150-6314-05

SUS

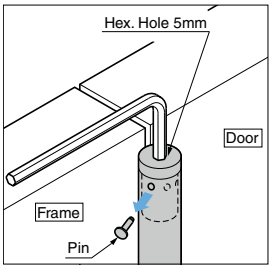
- Spring loaded for self-closing.
- Spring tension adjustable with three steps with a hex key.
- Can reduce clearance between door and frame without door cutting.
- Aluminium hinge also available by made to order.

[Remarks]

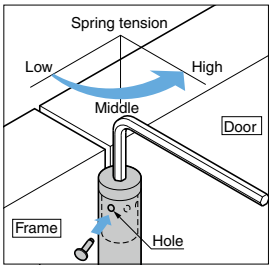
- In case of noise, apply lubricant (grease) to washer and torsion spring.

[How to Adjust Spring Tension]

Figure below shows the case of left-hanging. Right-hanging is symmetrical.

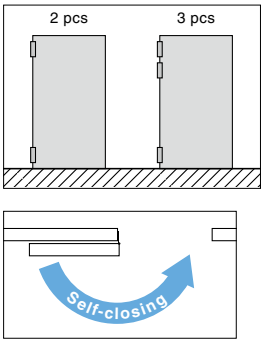


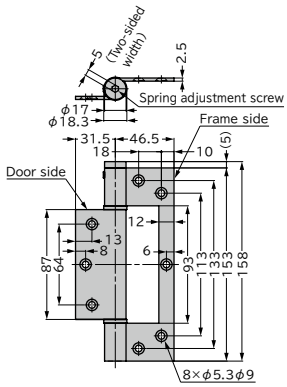
Loosen shaft with a hex key and remove the pin.



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

[Installation]





※ The value in case of door width 1000mm or less

RoHS	CAD	Item Code	Item Name	Material	Finish	Load Capacity N/2 pcs※	Load Capacity kgf/2 pcs※	Load Capacity N/3 pcs※	Load Capacity kgf/3 pcs※	Weight (g)	Box (pcs)
G	3D	170-022-486	ST150-6314-05	Stainless Steel (SUS304)	Plain	392	40	588	60	336	2

Please contact your local agent or your nearest Sugatsune subsidiary for detail/availability.

ALUMINIUM SPRING LIFT-OFF HINGE PM120

PM120-524401L

PM120-BK-5243-09R

Passed 250,000 open/
close private cycle test

Special Colours (made to order)

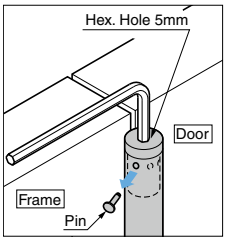
- Spring loaded for self-closing.
- Spring tension adjustable with three steps with a hex key.
- Easy to remove the door.
- Black, white, golden or bronze colours and R10 corner rounding also available by made to order.

[Remarks]

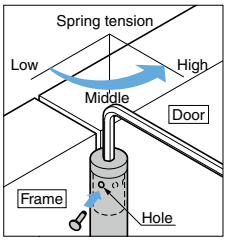
- In case of noise, apply lubricant (grease) to washer and torsion spring.

[How to Adjust Spring Tension]

Figure below shows the case of left-hanging.

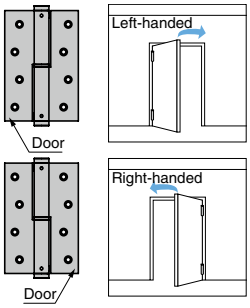


Loosen shaft with a hex key and remove the pin.

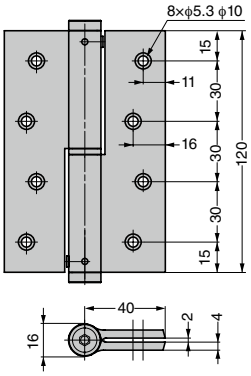


Adjust spring tension with three steps. Put the pin to the hole and fix.

[Installation]



Use right-handed hinge if door is hung on the right (viewing from the side of pulling the door).



Left-handed type.

※ After the door is closed, leaves are not parallel to each other.

RoHS	CAD	Item Code	Item Name	Type	Material	Finish	Door Width	Load Capacity N/2 pcs	Load Capacity kgf/2 pcs	Load Capacity N/3 pcs	Load Capacity kgf/3 pcs	Weight (g)	Box (pcs)
G	3D	170-022-484	PM120-524401L	Left-handed	Aluminium Alloy	Anodised	Max. 1000	200	20	300	30	172	2
G	3D	170-022-485	PM120-525401R	Right-handed									2
G	—	170-048-791	PM120-BK-5243-09L	Left-handed		Black							2
G	—	170-048-792	PM120-BK-5253-09R	Right-handed									2

Please contact your local agent or your nearest Sugatsune subsidiary for detail/availability.