Installation manual









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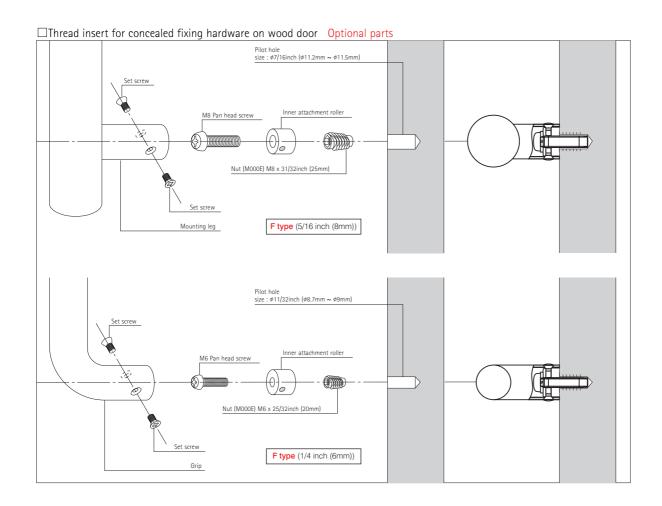


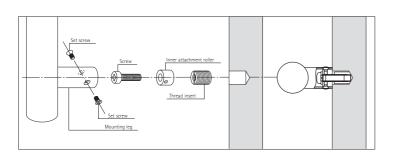


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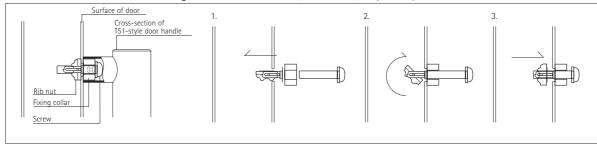






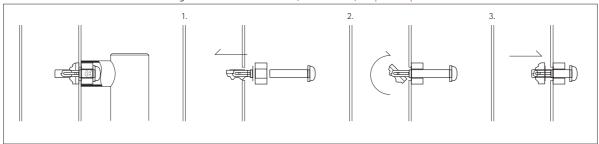


□ Installations for concealed mounting on hollow metal doors (M8 : rib nut) Optional parts

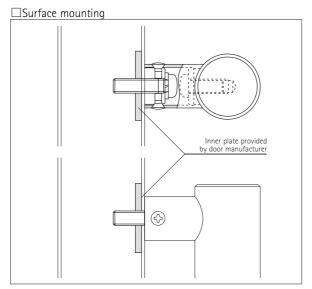


- ① Drill 1/2inch hole through the door surface. Set the rib nut in the hole. Insert the screw into the fixing collar. Then, gradually tighten the rib nut and the fixing collar.
- ② The rib nut turns simultaneously with the screw.
- 3 As the screw is tightened, the rib nut moves closer to the face of the door.

□ Installations for concealed mounting on hollow metal doors (M6 : rib nut) Optional parts



- ① Drill 1/2inch hole through the door surface. Set the rib nut in the hole. Insert the screw into the fixing collar. Then, gradually tighten the rib nut and the fixing collar.
- ② The rib nut turns simultaneously with the screw.
- $\ensuremath{\mathfrak{J}}$ As the screw is tightened, the rib nut moves closer to the face of the door.



- Concealed mounting for hollow steel or aluminum door utilizing fitted reinforcement inner plate.
- $\boldsymbol{\cdot}$ Thickness of inner plate welded to inside of door : 1/7inch or more.
- In this case, interior side of handle is used. Normally, M6 or M8 screws are
 used, so metric tapping of 1/4 inch (6mm) or 5/16 inch (8mm) diameter is
 necessary.
- In case you can make metric tapping, we can supply the necessary metric screws. However, if you are unable to make metric tapping, you can use the following screws:

Instead of M6 $1/4" \cdot 20$ threads per inch x1" or 11/2" long Instead of M8 $5/16" \cdot 18$ threads per inch x1" or 11/2" long