

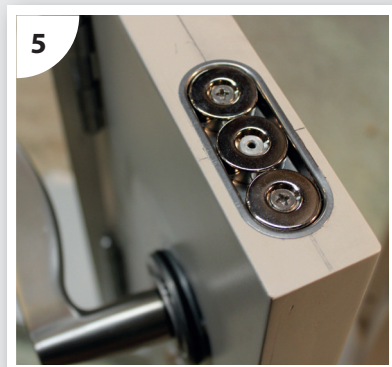
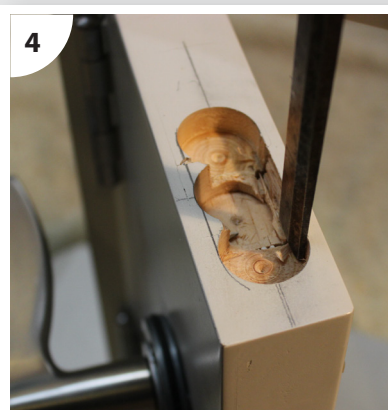
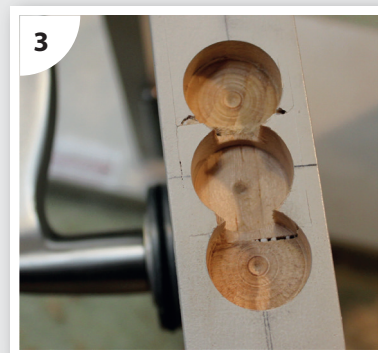
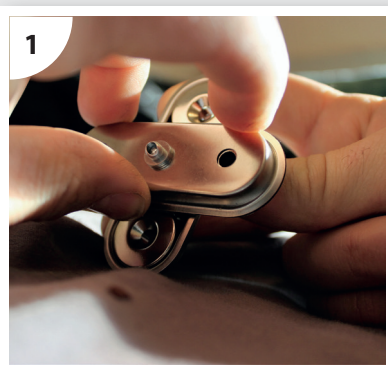
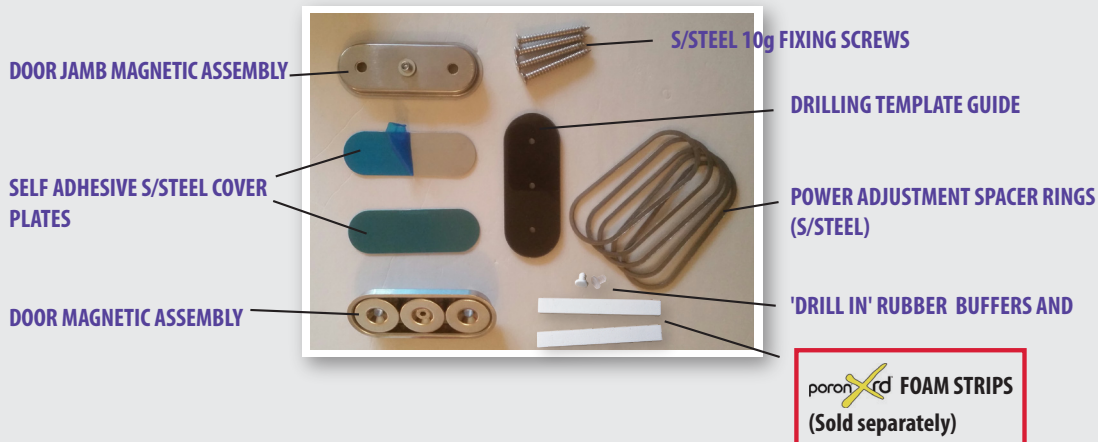
Patent No. 568456  
No. 8,864,188

**Precision**<sup>TM</sup>  
**PLS24PRO-XHD**  
**EXTRA HEAVY DUTY**  
**CONCEALED MAGNETIC CATCH**

# INSTALLATION GUIDE

**WARNING** use extreme caution when handling magnets as the attractant forces are very powerful and if allowed to snap together violently, small sharp chips can be thrown off.

Do not attempt to remove individual magnets from assembly housing cups, as this may result in magnet breakage or personal injury.



4. Mark straight lines along the outer edges of the overlapping holes, then chisel where marked to create a straight sided recess. (4a)

5. Insert **DOOR MAGNETIC ASSEMBLY** into top of door and secure with 2 x screws provided.

**Be careful not to over tighten screws as this may cause the flanged housing cups to deform and/or cracking in timber.**

6. Close the door, then transfer the 'backset mark' up onto the head jamb.

# INSTALLATION GUIDE CONT'D



7. Open the door, then continue the 'backset mark' onto the underside face of the head jamb, towards the door stop strip.  
Measure and mark a centreline along the underside face of the head jamb, intersecting with the 'backset mark'.  
Measure approx. 3-5mm (1/8" - 3/16") from the centreline towards the door stop strip and mark a new 'offset line' parallel to the centreline.  
Position the plastic **DRILLING TEMPLATE GUIDE** on the underside face of the head jamb so that the template's middle hole is lined up over the intersecting 'offset line' and 'backset mark'.  
Drill 3x Ø3mm (1/8") pilot holes through the template into the 'offset line' then repeat steps 3 & 4 to create a straight sided recess in the underside face of head jamb. (4a)



8. Insert **DOOR JAMB MAGNETIC ASSEMBLY** into head jamb and secure with 2 x screws provided.  
**Be careful not to over tighten screws as this may cause the flanged housing cups to deform and/or cracking in timber.**  
9. Close the door to test the magnetic holding strength.  
**Magnetic holding strength can be greatly increased by decreasing the 'air gap' between the two MAGNETIC ASSEMBLIES.** If more magnetic holding strength is required, measure the gap between the top of the door and the head jamb to determine how many (1mm thick) **POWER ADJUSTMENT SPACER RINGS** should be added (under the **DOOR MAGNETIC ASSEMBLY**) to bring it closer to the **HEAD JAMB MAGNETIC ASSEMBLY**.



9a. Remove the **DOOR MAGNETIC ASSEMBLY** from the top of door, turn the assembly over and fit (1-5x) **POWER ADJUSTMENT SPACER RINGS** onto the assembly, under the flanged lip of the housing cup as shown.  
Refit the **DOOR MAGNETIC ASSEMBLY** into the top of door, test operation and repeat procedure if more holding strength is required. (9, 9a)



10. Once the desired magnetic holding strength has been achieved, affix the **SELF ADHESIVE S/STEEL COVERPLATES** to the magnetic face(s) of the ASSEMBLIES as shown, to protect the magnets from corrosion and for a more attractive 'concealed fix' finish. (10, 10a)

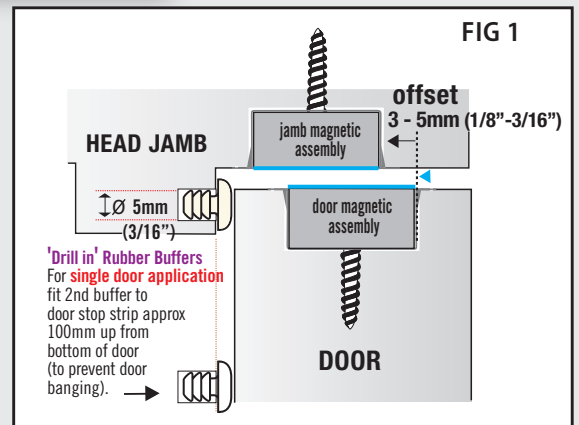
Press firmly over the entire surface of the coverplate to ensure maximum adhesion. Remove blue plastic protective film from surface.

**Note: make sure metal faces of the assemblies are free from dust /oil etc before affixing coverplates, to insure maximum adhesion strength.**

11. Fit the rubber door buffer(s) into the door stop strip, to reduce impact noise and 'bounce' when closing the door. (FIG 1)

**Note: to further reduce impact noise and bouncing effect when shutting door (especially when fitting the PLS24PRO-XHD to a double door set), fit PORON Xrd foam pad(s) to the door stop strip as required. (See 10)**

**Sold separately in 10 - pack. (PF10PK)**



When the door is closed the **DOOR JAMB ASSEMBLY** must be offset from the **DOOR MAGNETIC ASSEMBLY** (towards the door stop strip) to function correctly.